

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
 Data File : VN088348.D
 Acq On : 24 Nov 2025 14:14
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 25 01:12:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:08:44 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/25/2025
 Supervised By : Mahesh Dadoda 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.206	168	285895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	501695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	439316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	219473	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	504045	97.467	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 194.940%#	
35) Dibromofluoromethane	8.147	113	335348	97.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 194.960%#	
50) Toluene-d8	10.547	98	1312124	100.081	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 200.160%#	
62) 4-Bromofluorobenzene	12.829	95	467895	101.595	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 203.200%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	479358	137.160	ug/l	100
3) Chloromethane	2.383	50	434116	106.858	ug/l	98
4) Vinyl Chloride	2.536	62	478320	109.869	ug/l	98
5) Bromomethane	2.965	94	221311	87.292	ug/l	99
6) Chloroethane	3.130	64	287091	93.637	ug/l	96
7) Trichlorofluoromethane	3.506	101	686944	102.176	ug/l	99
8) Diethyl Ether	3.959	74	229525	89.352	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	361718	103.745	ug/l	100
10) Methyl Iodide	4.577	142	377533	112.872	ug/l	97
11) Tert butyl alcohol	5.524	59	406566	449.741	ug/l	100
12) 1,1-Dichloroethene	4.336	96	340010	92.046	ug/l	96
13) Acrolein	4.177	56	409205	413.820	ug/l	99
14) Allyl chloride	5.012	41	647046m	97.762	ug/l	
15) Acrylonitrile	5.706	53	1189524	484.386	ug/l	99
16) Acetone	4.418	43	872591	349.245	ug/l	98
17) Carbon Disulfide	4.706	76	1141513	100.133	ug/l	99
18) Methyl Acetate	5.018	43	555796	102.374	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	1295144	93.325	ug/l	100
20) Methylene Chloride	5.265	84	392179	89.644	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	369984	90.533	ug/l	98
22) Diisopropyl ether	6.659	45	1349029	96.981	ug/l	97
23) Vinyl Acetate	6.589	43	5554188m	451.061	ug/l	
24) 1,1-Dichloroethane	6.553	63	755476	97.866	ug/l	98
25) 2-Butanone	7.471	43	1542855	454.129	ug/l	97
26) 2,2-Dichloropropane	7.477	77	672523	96.933	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	427126	90.230	ug/l	98
28) Bromochloromethane	7.800	49	356867	98.975	ug/l	99
29) Tetrahydrofuran	7.824	42	1096740	485.379	ug/l	99
30) Chloroform	7.947	83	738399	96.326	ug/l	100
31) Cyclohexane	8.241	56	707339	99.459	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	666887	98.605	ug/l	98
36) 1,1-Dichloropropene	8.353	75	549319	108.461	ug/l	99
37) Ethyl Acetate	7.547	43	682857	101.412	ug/l	99
38) Carbon Tetrachloride	8.341	117	571861	109.553	ug/l	97
39) Methylcyclohexane	9.577	83	663987	104.863	ug/l	96
40) Benzene	8.588	78	1564367	100.538	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	349832	100.333	ug/l	98
42) 1,2-Dichloroethane	8.653	62	599011	106.490	ug/l	100
43) Isopropyl Acetate	8.671	43	1079559	105.122	ug/l	99
44) Trichloroethene	9.335	130	372568	102.756	ug/l	98
45) 1,2-Dichloropropane	9.600	63	396928	100.477	ug/l	96
46) Dibromomethane	9.688	93	284059	100.615	ug/l	99
47) Bromodichloromethane	9.871	83	585372	103.520	ug/l	100
48) Methyl methacrylate	9.659	41	512503	108.100	ug/l	99
49) 1,4-Dioxane	9.682	88	124110	2077.291	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	3302590	542.564	ug/l	100
52) Toluene	10.606	92	962754	101.291	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	633621	105.515	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	656506	103.040	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	342175	94.361	ug/l	97
56) Ethyl methacrylate	10.853	69	625749	108.210	ug/l	99
57) 1,3-Dichloropropane	11.141	76	640348	100.162	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1692209	548.624	ug/l	100
59) 2-Hexanone	11.177	43	2217550	553.982	ug/l	99
60) Dibromochloromethane	11.335	129	410889	99.677	ug/l	98
61) 1,2-Dibromoethane	11.447	107	368152	98.366	ug/l	100
64) Tetrachloroethene	11.082	164	357404	116.335	ug/l	95
65) Chlorobenzene	11.871	112	1006420	98.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	338748	100.385	ug/l	99
67) Ethyl Benzene	11.941	91	1873691	104.486	ug/l	99
68) m/p-Xylenes	12.047	106	1384206	206.446	ug/l	97
69) o-Xylene	12.376	106	657970	103.552	ug/l	99
70) Styrene	12.388	104	1127962	108.366	ug/l	99
71) Bromoform	12.559	173	265738	105.669	ug/l #	98
73) Isopropylbenzene	12.671	105	1773457	102.764	ug/l	100
74) N-amyl acetate	12.488	43	587472	119.520	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.918	83	498007	92.311	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	516579m	99.018	ug/l	
77) Bromobenzene	12.959	156	379553	100.455	ug/l	99
78) n-propylbenzene	13.012	91	2164268	102.898	ug/l	99
79) 2-Chlorotoluene	13.106	91	1244218	102.723	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	1451677	101.248	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	198381	104.496	ug/l #	88
82) 4-Chlorotoluene	13.200	91	1292288	98.511	ug/l	100
83) tert-Butylbenzene	13.418	119	1236180	97.579	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	1467849	102.168	ug/l	98
85) sec-Butylbenzene	13.594	105	1809286	97.599	ug/l	100
86) p-Isopropyltoluene	13.706	119	1507703	100.961	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	735647	98.718	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	746880	92.975	ug/l	99
89) n-Butylbenzene	14.035	91	1480732	100.761	ug/l	99
90) Hexachloroethane	14.312	117	265251	92.554	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	700211	97.354	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	131734	102.833	ug/l	99
93) 1,2,4-Trichlorobenzene	15.364	180	419347	96.834	ug/l	97
94) Hexachlorobutadiene	15.476	225	155408	97.909	ug/l	97
95) Naphthalene	15.612	128	1528952	102.050	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	408194	97.651	ug/l	98

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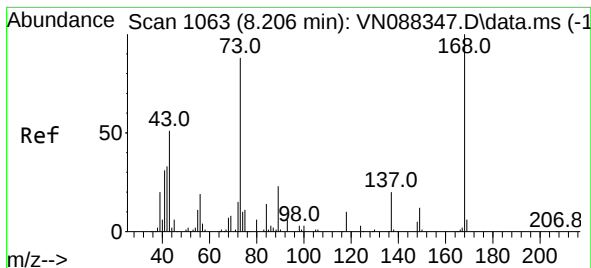
Manual Integrations
APPROVED

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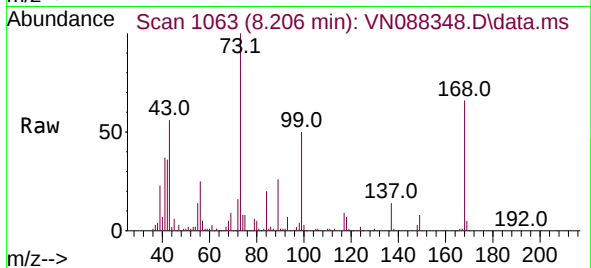
Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed							



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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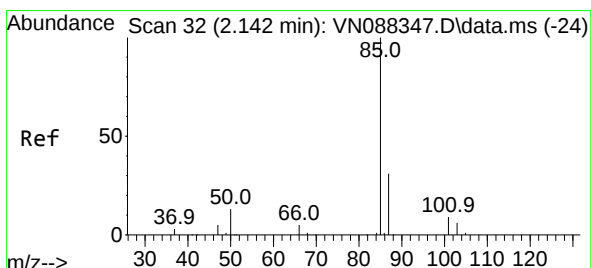
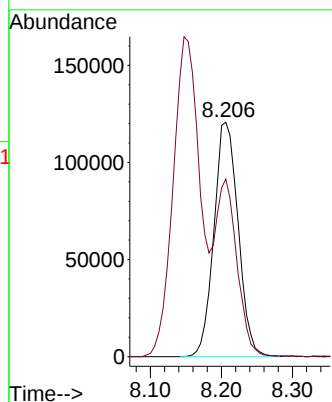
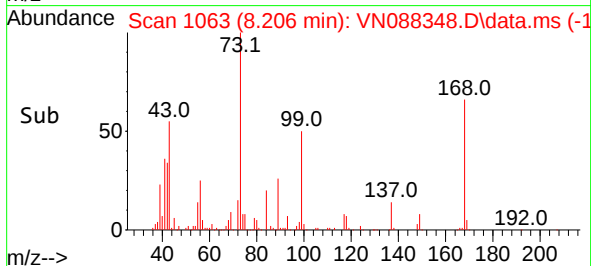
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 285895
Ion Ratio Lower Upper
168 100
99 75.4 57.1 85.7

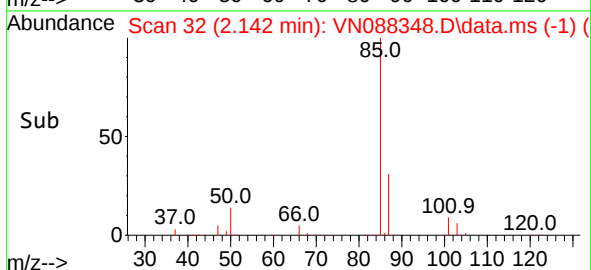
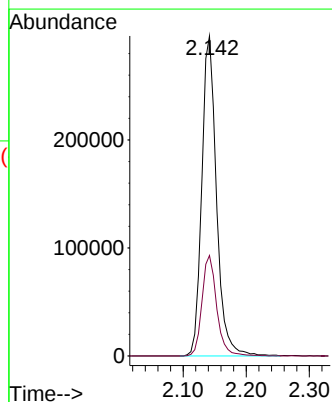
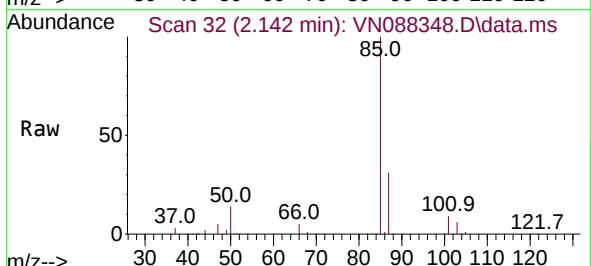
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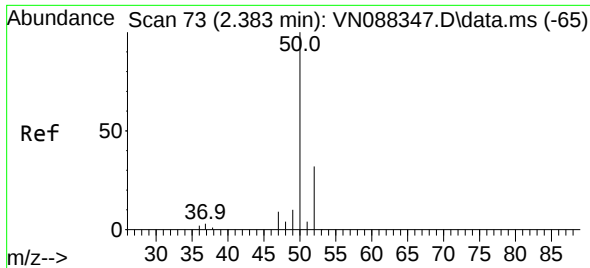
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#2
Dichlorodifluoromethane
Concen: 137.160 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

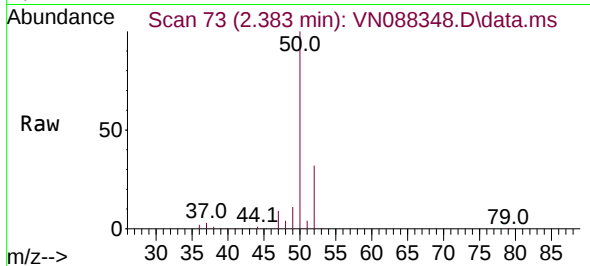
Tgt Ion: 85 Resp: 479358
Ion Ratio Lower Upper
85 100
87 31.4 15.6 46.7





#3
Chloromethane
Concen: 106.858 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

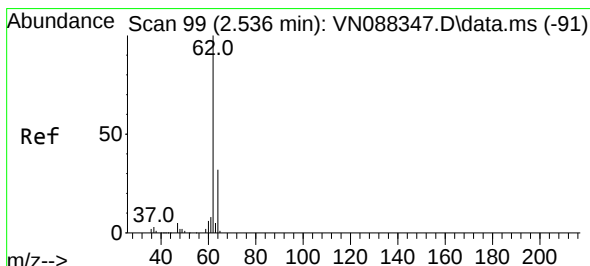
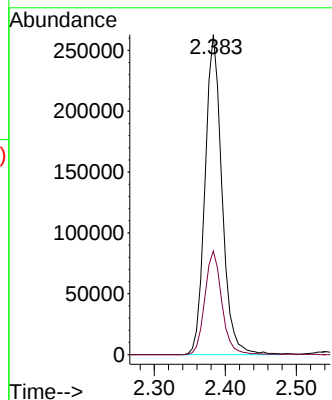
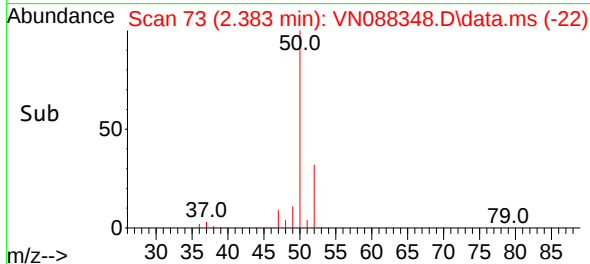
Instrument :
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ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 434116
Ion Ratio Lower Upper
50 100
52 32.4 25.2 37.8

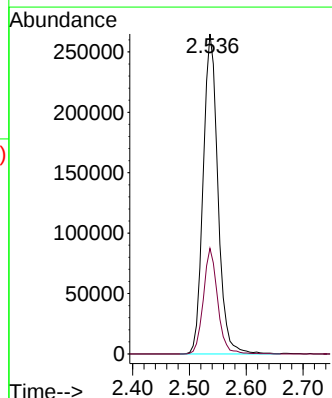
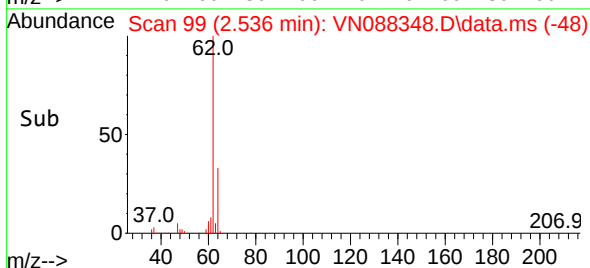
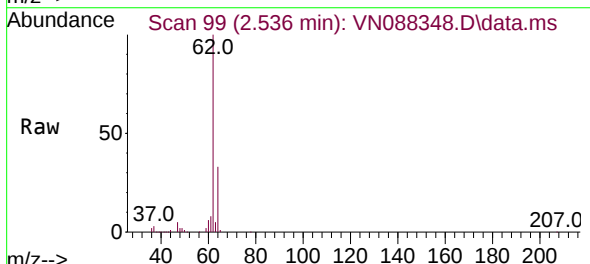
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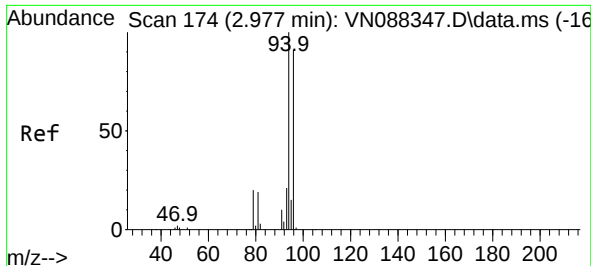
Reviewed By :John Carlone 11/25/2025
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#4
Vinyl Chloride
Concen: 109.869 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

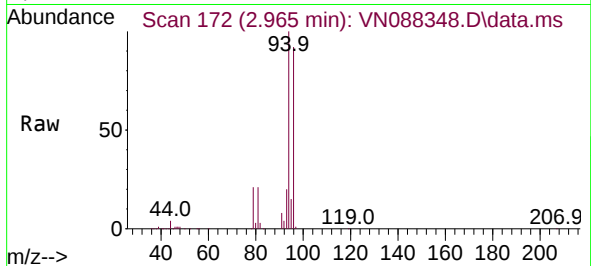
Tgt Ion: 62 Resp: 478320
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.2





#5
Bromomethane
Concen: 87.292 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

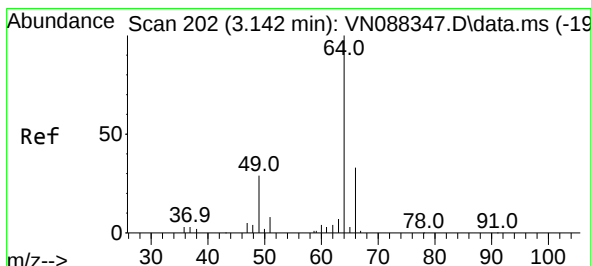
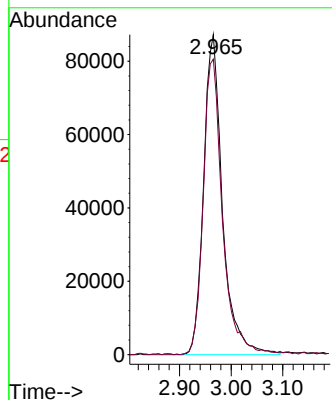
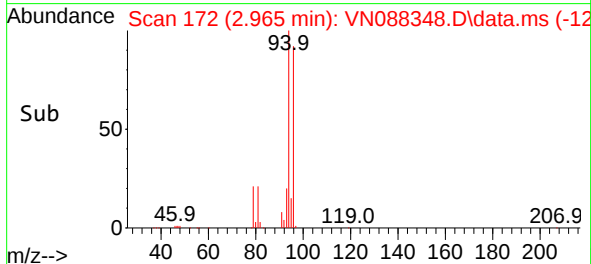
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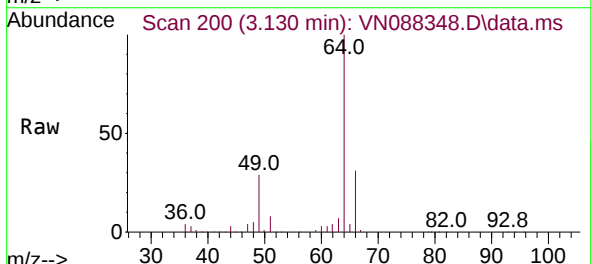
Tgt Ion: 94 Resp: 22131
Ion Ratio Lower Upper
94 100
96 92.3 73.2 109.8

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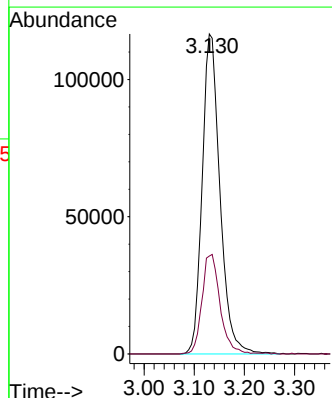
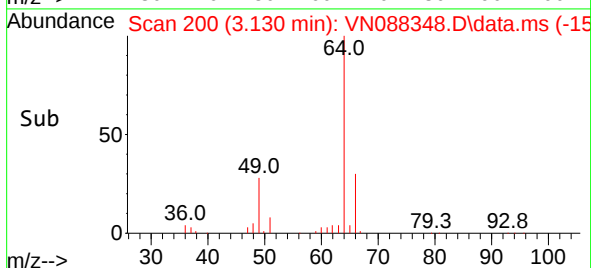
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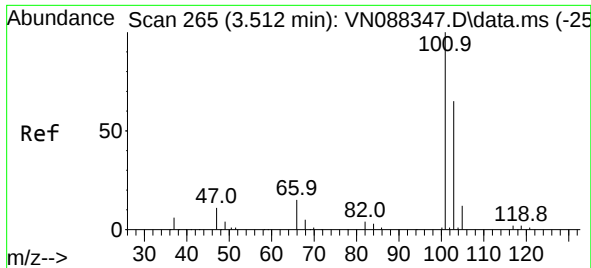


#6
Chloroethane
Concen: 93.637 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.012 min
Lab File: VN088348.D
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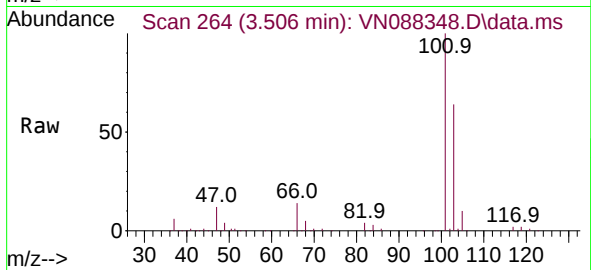
Tgt Ion: 64 Resp: 287091
Ion Ratio Lower Upper
64 100
66 30.6 26.4 39.6





#7
Trichlorofluoromethane
Concen: 102.176 ug/l
RT: 3.506 min Scan# 264
Delta R.T. -0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

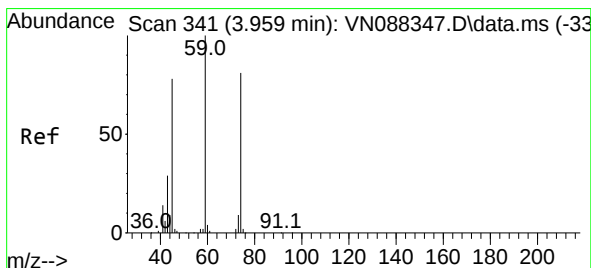
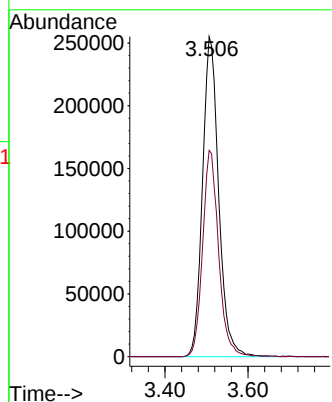
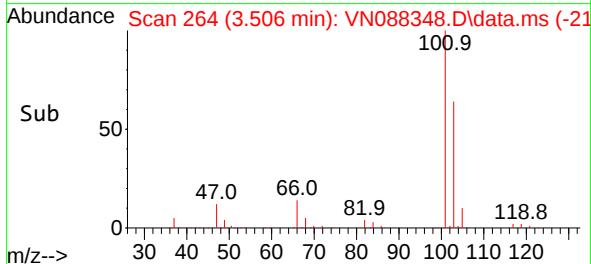
Instrument :
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ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 686944
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

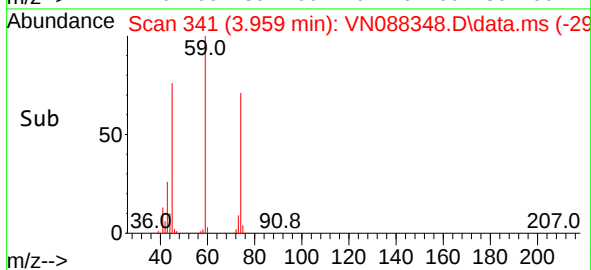
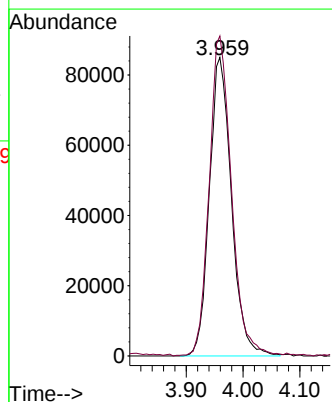
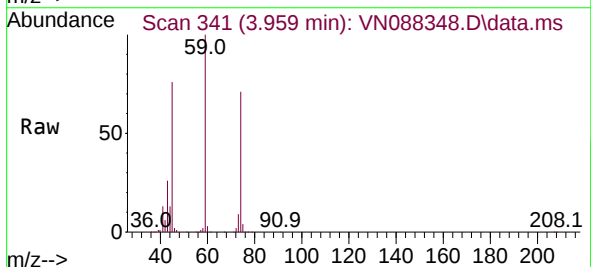
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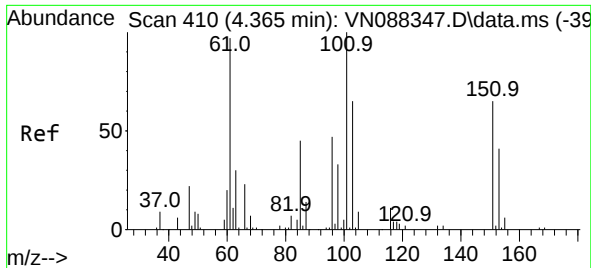
Reviewed By :John Carlone 11/25/2025
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#8
Diethyl Ether
Concen: 89.352 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 229525
Ion Ratio Lower Upper
74 100
45 107.5 54.2 162.6





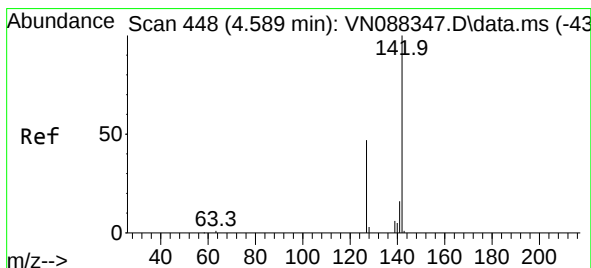
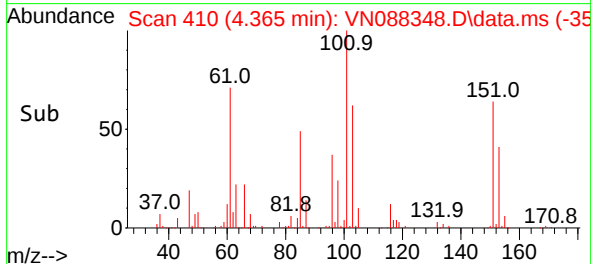
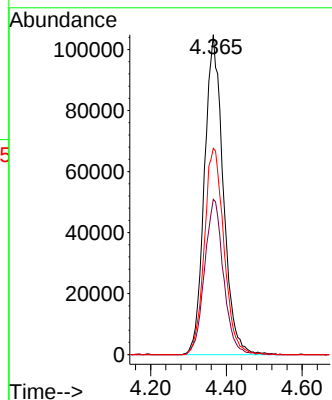
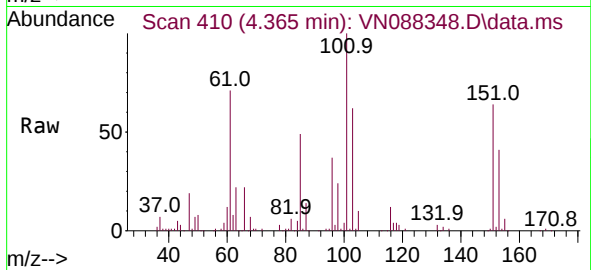
#9
1,1,2-Trichlorotrifluoroethane
Concen: 103.745 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 361718
Ion Ratio Lower Upper
101 100
85 49.0 39.2 58.8
151 67.3 53.6 80.4

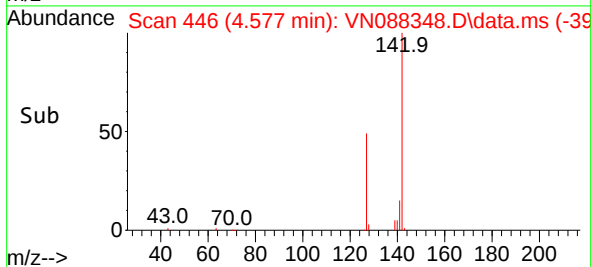
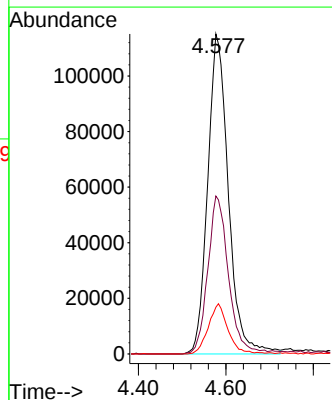
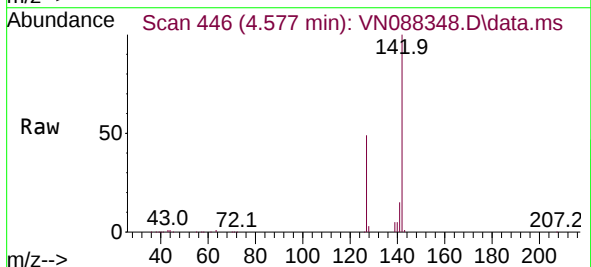
Manual Integrations
APPROVED

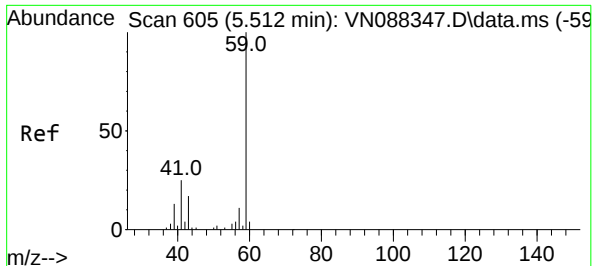
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#10
Methyl Iodide
Concen: 112.872 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Tgt Ion:142 Resp: 377533
Ion Ratio Lower Upper
142 100
127 49.3 37.9 56.9
141 14.6 12.4 18.6





#11

Tert butyl alcohol

Concen: 449.741 ug/l

RT: 5.524 min Scan# 605

Delta R.T. 0.012 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 59 Resp: 406566

Ion Ratio Lower Upper

59 100

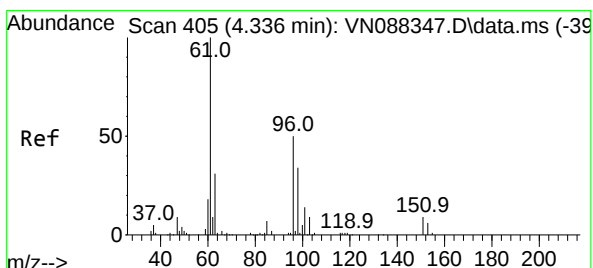
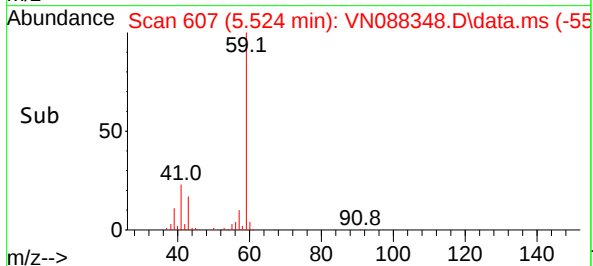
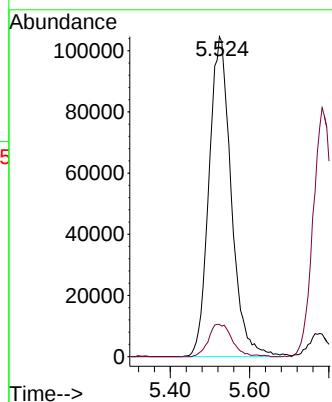
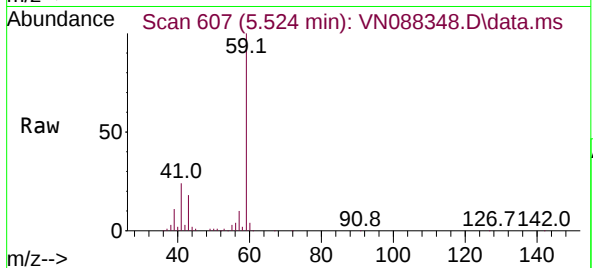
57 10.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#12

1,1-Dichloroethene

Concen: 92.046 ug/l

RT: 4.336 min Scan# 405

Delta R.T. 0.000 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

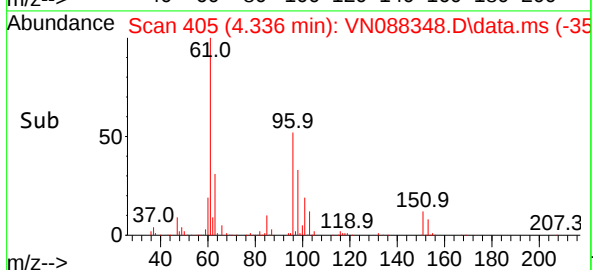
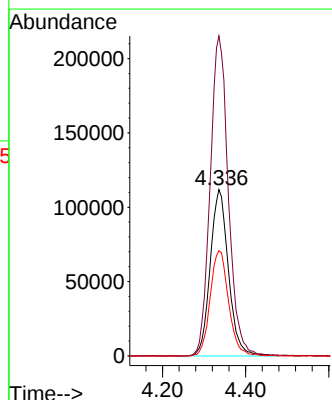
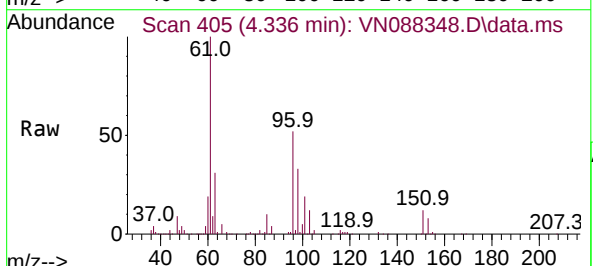
Tgt Ion: 96 Resp: 340010

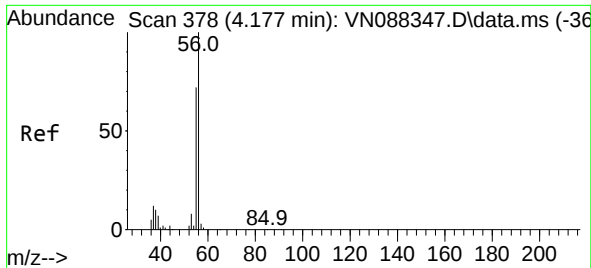
Ion Ratio Lower Upper

96 100

61 192.4 159.1 238.7

98 63.2 53.7 80.5





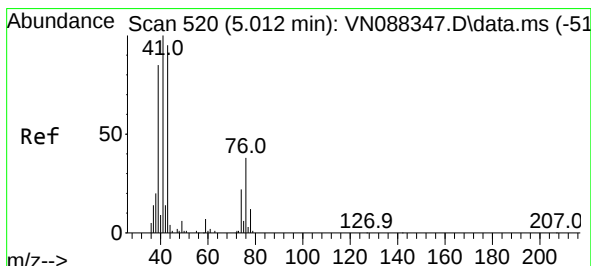
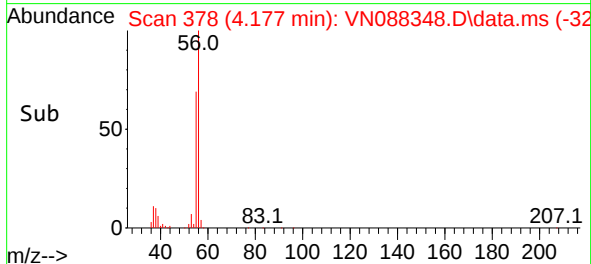
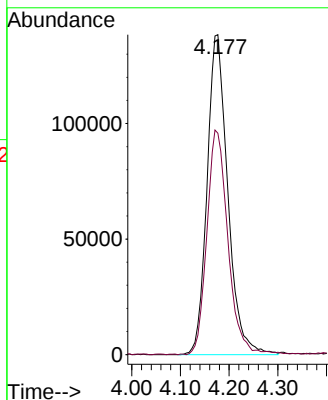
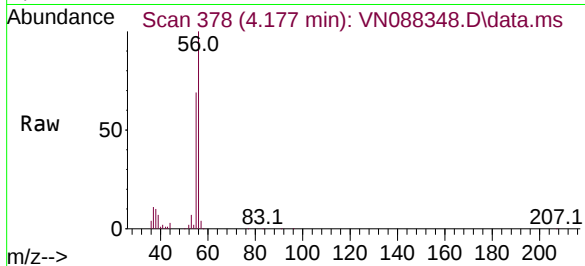
#13
Acrolein
Concen: 413.820 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 409205
Ion Ratio Lower Upper
56 100
55 71.5 56.3 84.5

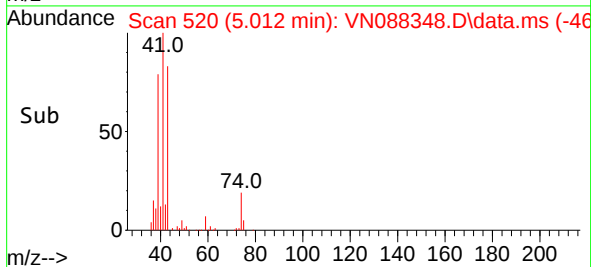
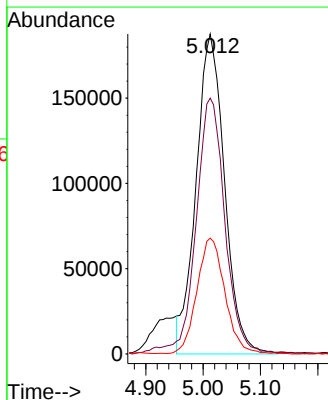
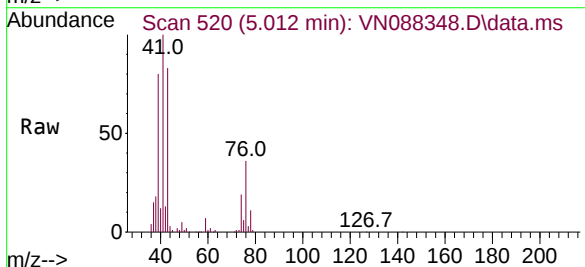
Manual Integrations
APPROVED

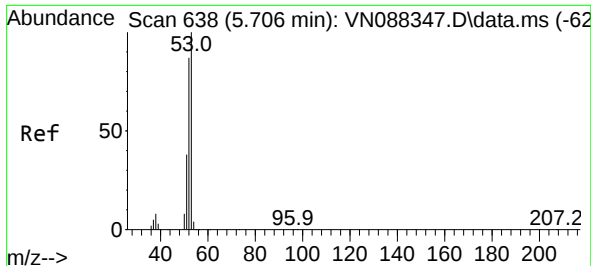
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#14
Allyl chloride
Concen: 97.762 ug/l m
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

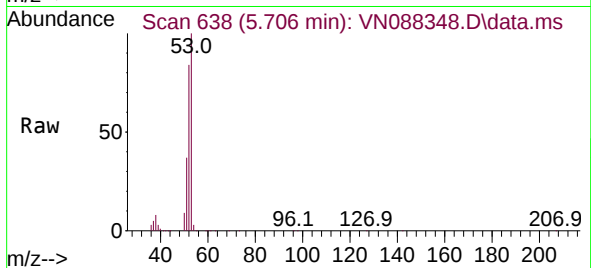
Tgt Ion: 41 Resp: 647046
Ion Ratio Lower Upper
41 100
39 81.6 64.7 97.1
76 35.8 29.1 43.7





#15
Acrylonitrile
Concen: 484.386 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

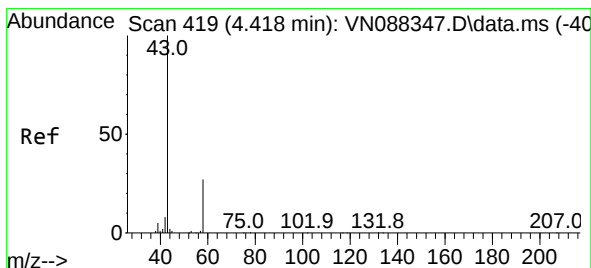
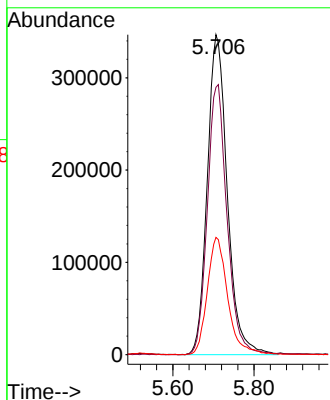
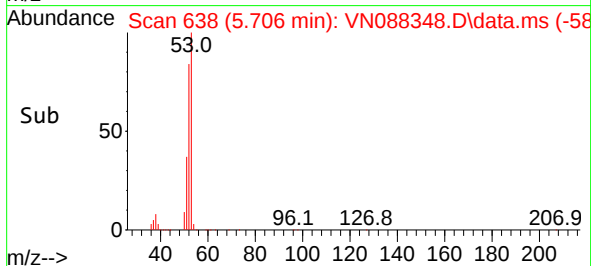
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 1189524
Ion Ratio Lower Upper
53 100
52 83.2 67.8 101.6
51 37.5 29.8 44.8

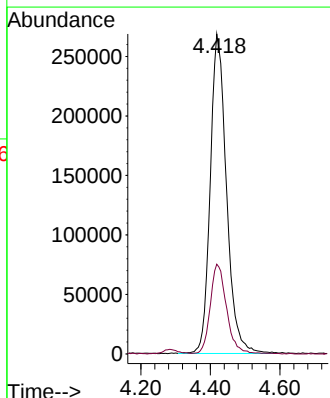
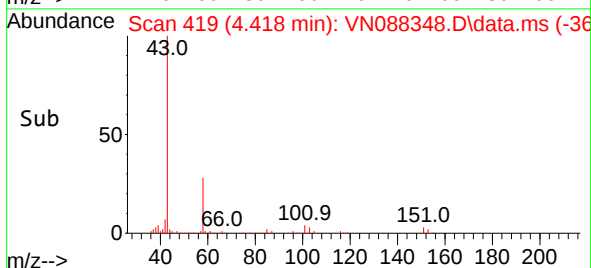
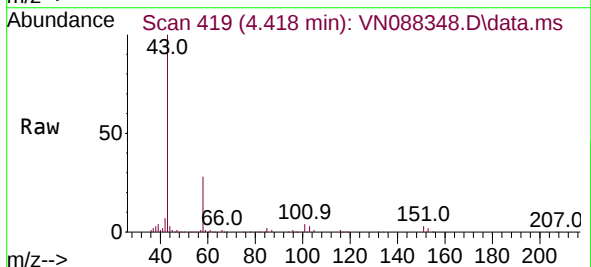
Manual Integrations
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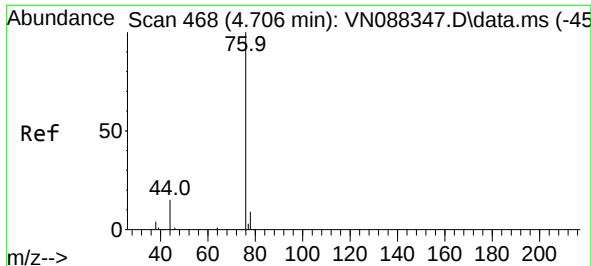
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#16
Acetone
Concen: 349.245 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

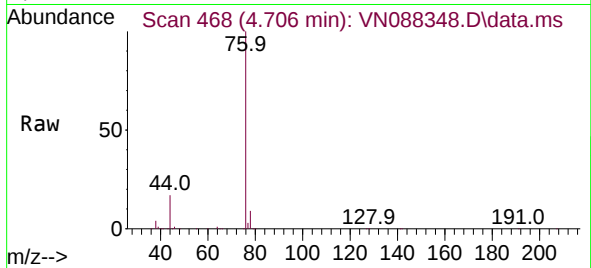
Tgt Ion: 43 Resp: 872591
Ion Ratio Lower Upper
43 100
58 27.9 21.7 32.5





#17
Carbon Disulfide
Concen: 100.133 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

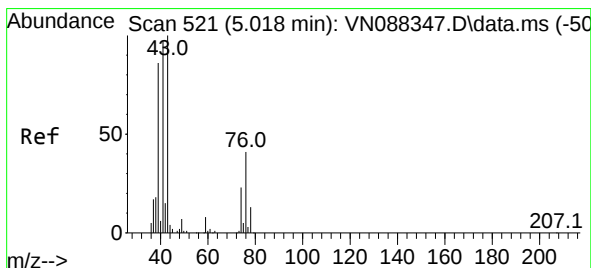
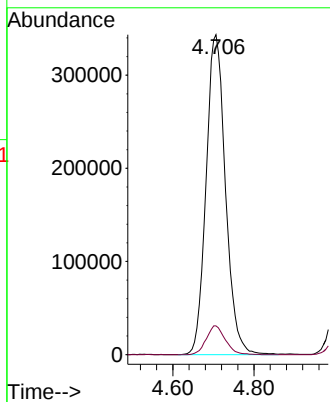
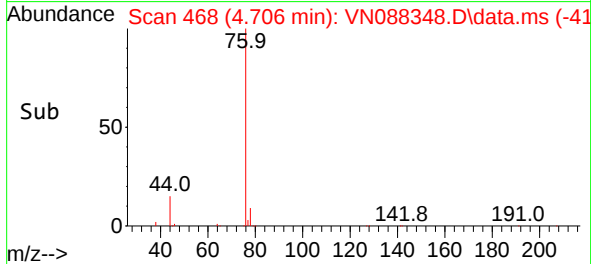
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



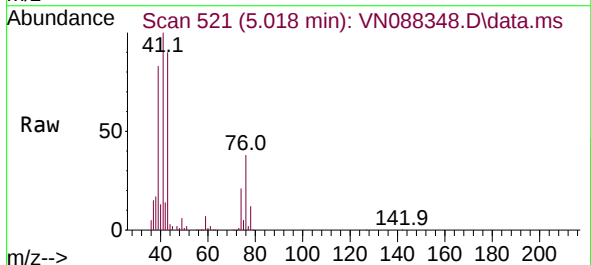
Tgt Ion: 76 Resp: 1141513
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

Manual Integrations
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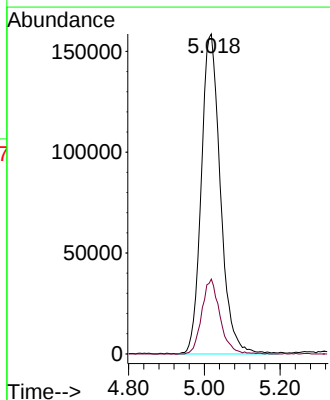
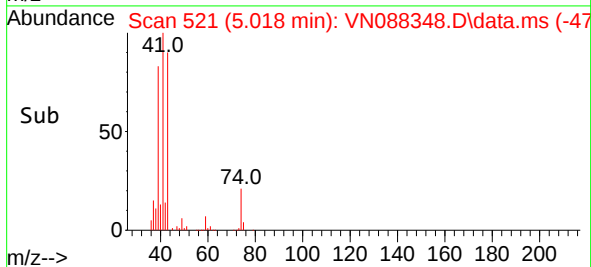
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

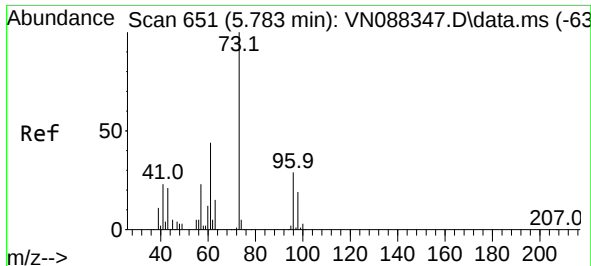


#18
Methyl Acetate
Concen: 102.374 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14



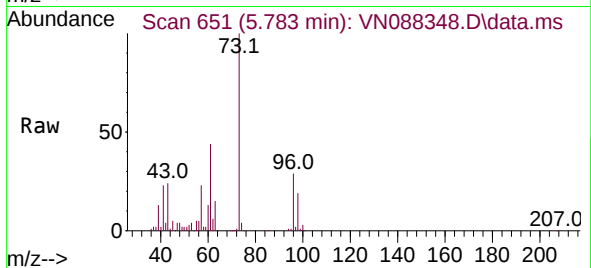
Tgt Ion: 43 Resp: 555796
Ion Ratio Lower Upper
43 100
74 22.2 17.9 26.9





#19
Methyl tert-butyl Ether
Concen: 93.325 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

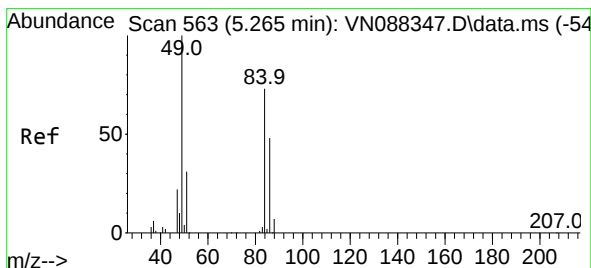
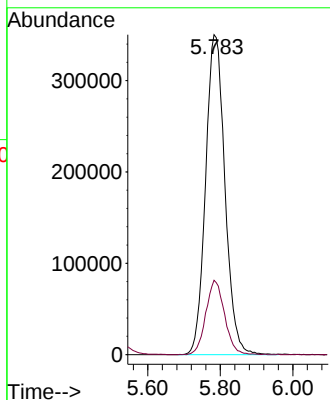
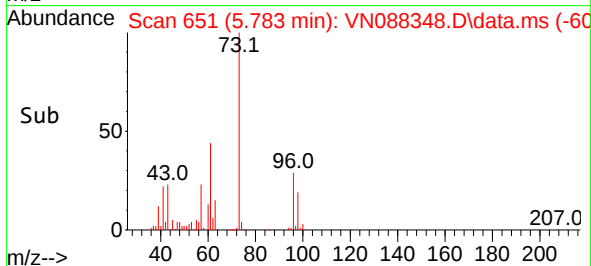
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 73 Resp: 1295144
Ion Ratio Lower Upper
73 100
57 23.2 18.6 28.0

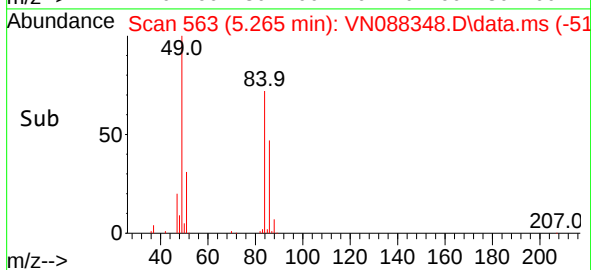
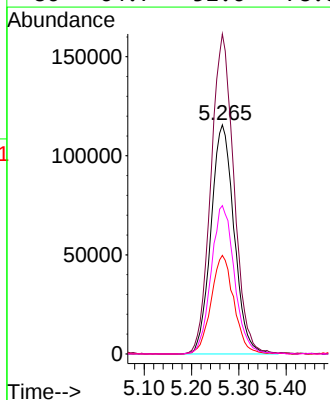
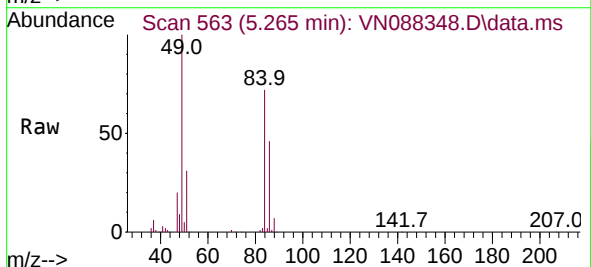
Manual Integrations
APPROVED

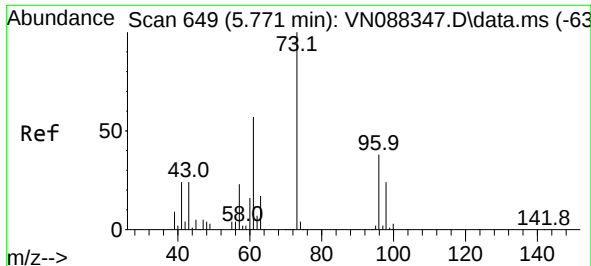
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#20
Methylene Chloride
Concen: 89.644 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Tgt Ion: 84 Resp: 392179
Ion Ratio Lower Upper
84 100
49 139.7 110.2 165.2
51 43.0 34.1 51.1
86 64.7 52.6 78.8





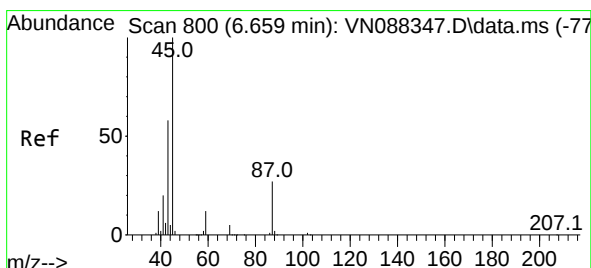
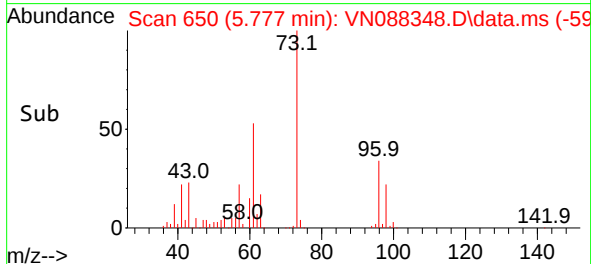
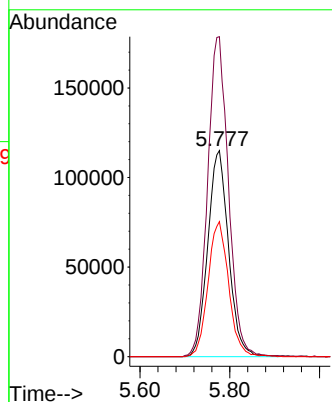
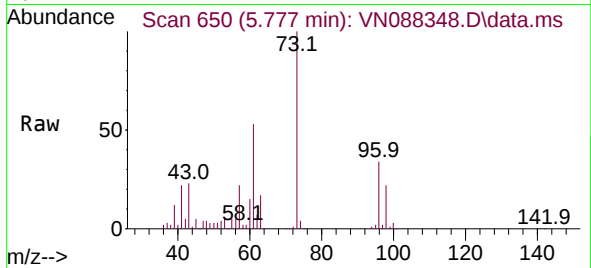
#21
trans-1,2-Dichloroethene
Concen: 90.533 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 369984
Ion Ratio Lower Upper
96 100
61 155.3 122.4 183.6
98 65.5 50.9 76.3

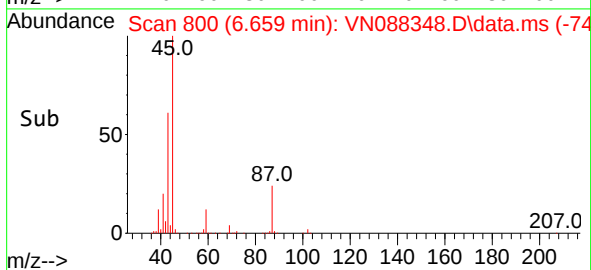
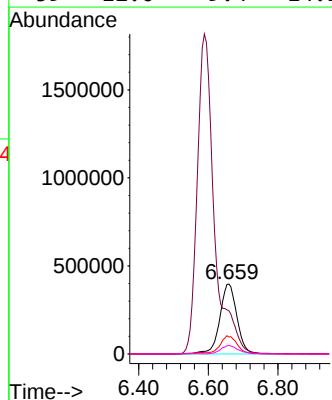
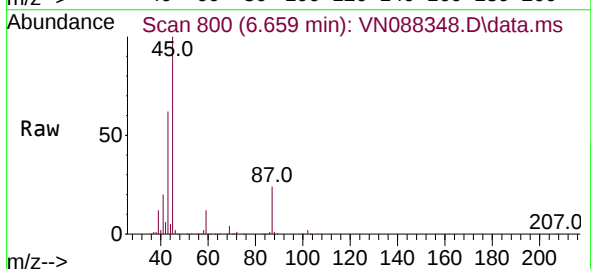
Manual Integrations
APPROVED

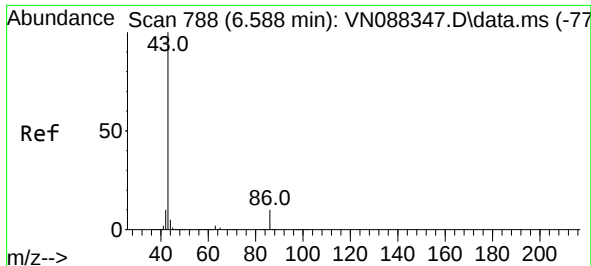
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#22
Diisopropyl ether
Concen: 96.981 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

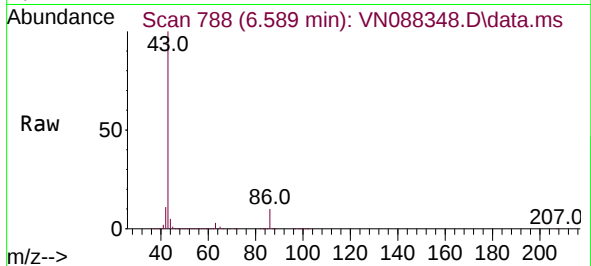
Tgt Ion: 45 Resp: 1349029
Ion Ratio Lower Upper
45 100
43 61.3 47.4 71.2
87 24.2 21.9 32.9
59 12.0 9.4 14.2





#23
 Vinyl Acetate
 Concen: 451.061 ug/l m
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088348.D
 Acq: 24 Nov 2025 14:14

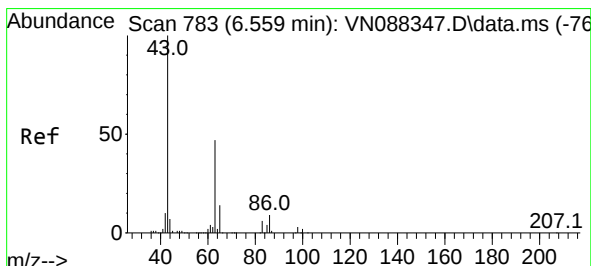
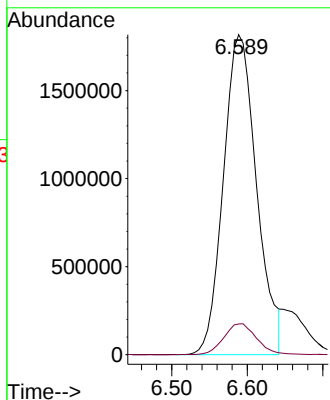
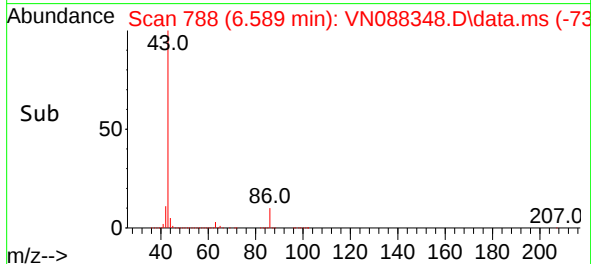
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



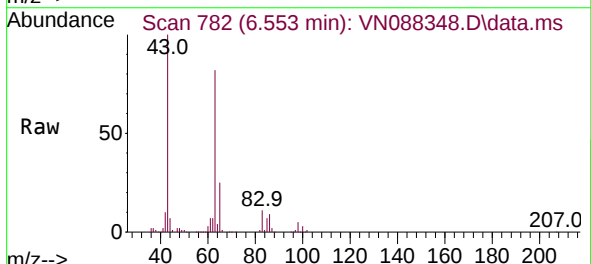
Tgt Ion: 43 Resp: 5554188
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

Manual Integrations
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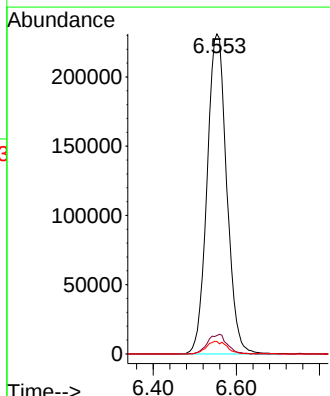
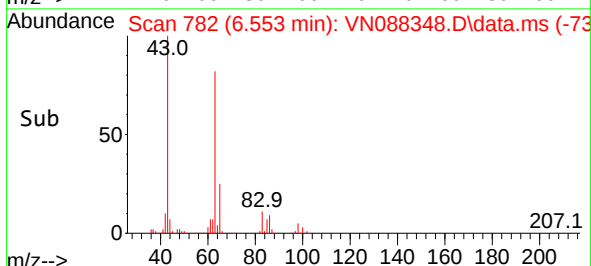
Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025

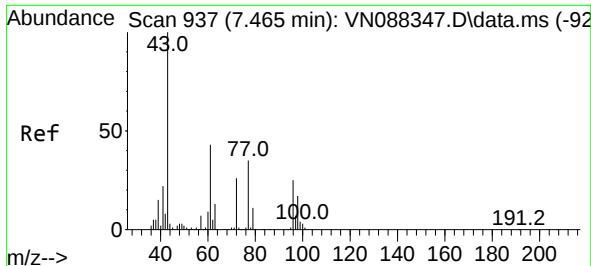


#24
 1,1-Dichloroethane
 Concen: 97.866 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088348.D
 Acq: 24 Nov 2025 14:14



Tgt Ion: 63 Resp: 755476
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.4 10.2
 100 3.9 1.9 5.7





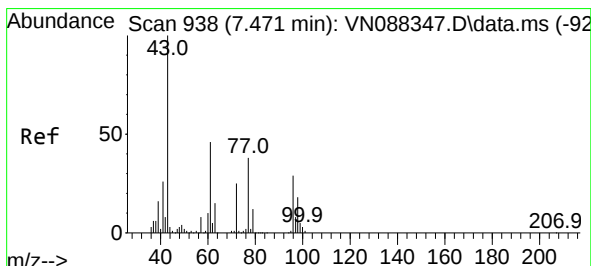
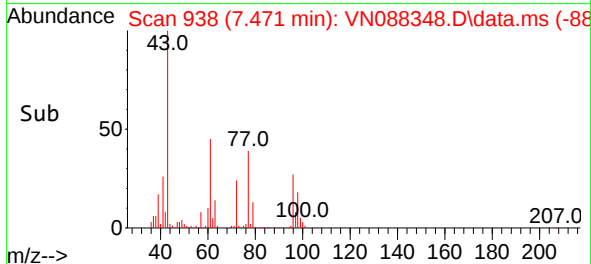
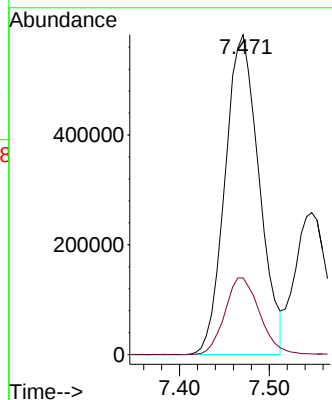
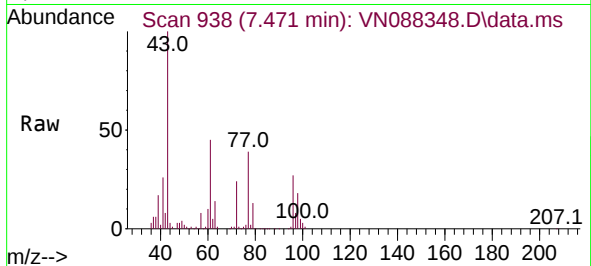
#25
2-Butanone
Concen: 454.129 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 154285
Ion Ratio Lower Upper
43 100
72 24.0 20.5 30.7

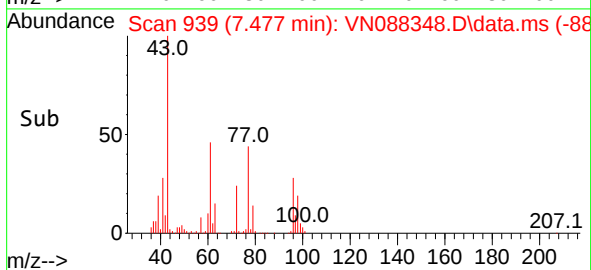
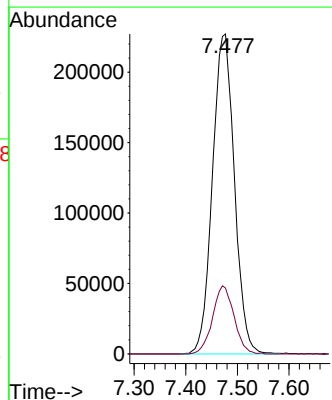
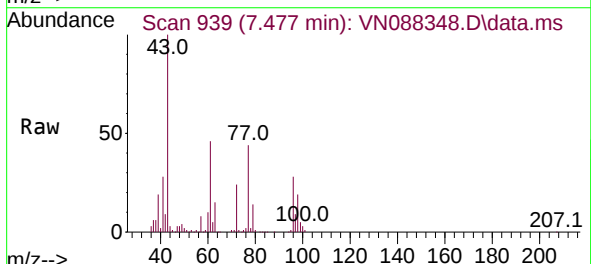
Manual Integrations
APPROVED

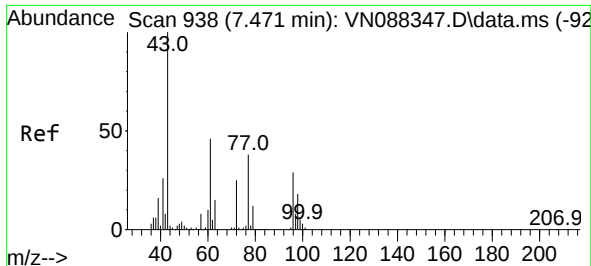
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#26
2,2-Dichloropropane
Concen: 96.933 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

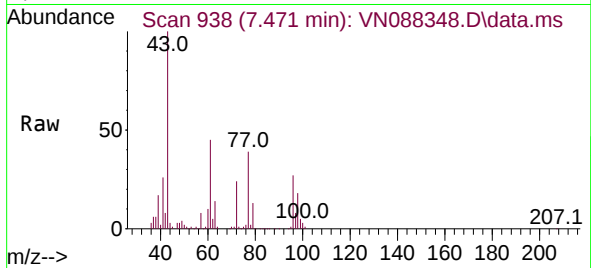
Tgt Ion: 77 Resp: 672523
Ion Ratio Lower Upper
77 100
97 20.8 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 90.230 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.000 min
 Lab File: VN088348.D
 Acq: 24 Nov 2025 14:14

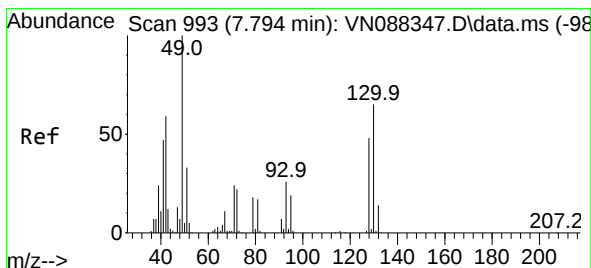
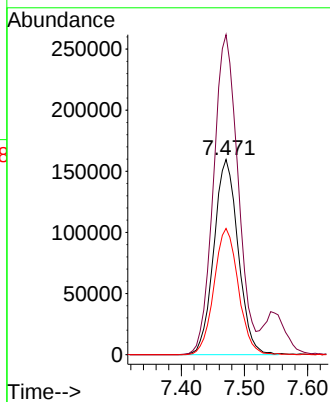
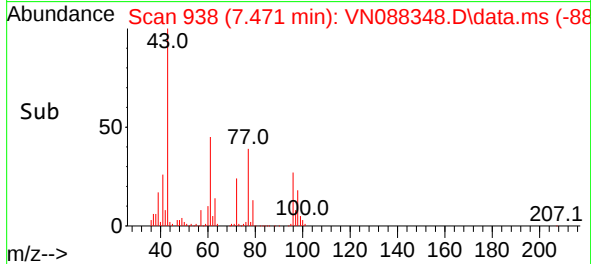
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



Tgt Ion: 96 Resp: 427126
 Ion Ratio Lower Upper
 96 100
 61 165.1 0.0 323.6
 98 64.8 0.0 127.2

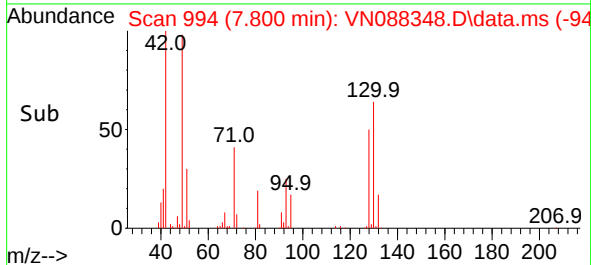
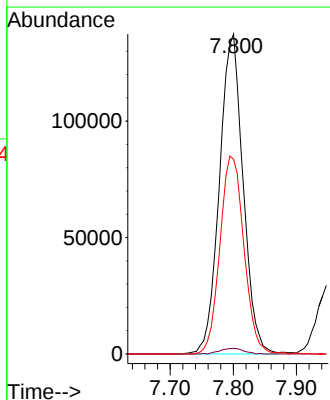
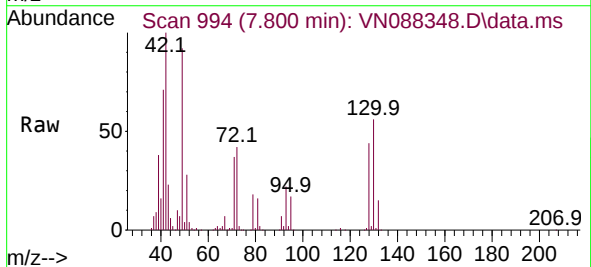
Manual Integrations
 APPROVED

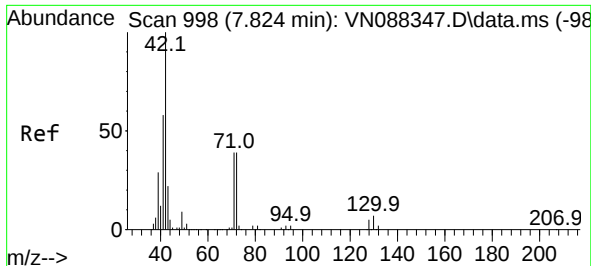
Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025



#28
 Bromochloromethane
 Concen: 98.975 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN088348.D
 Acq: 24 Nov 2025 14:14

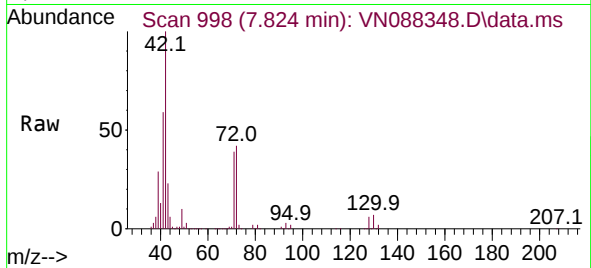
Tgt Ion: 49 Resp: 356867
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 62.8 51.1 76.7





#29
Tetrahydrofuran
Concen: 485.379 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

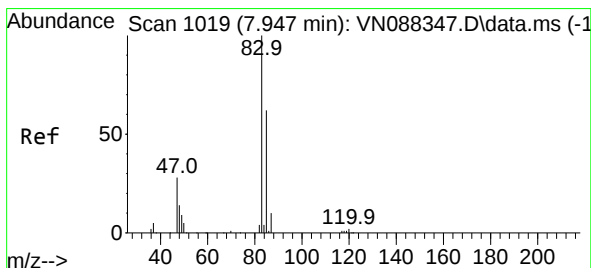
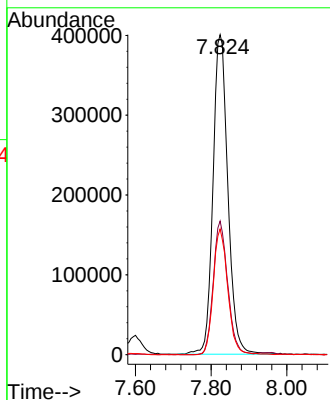
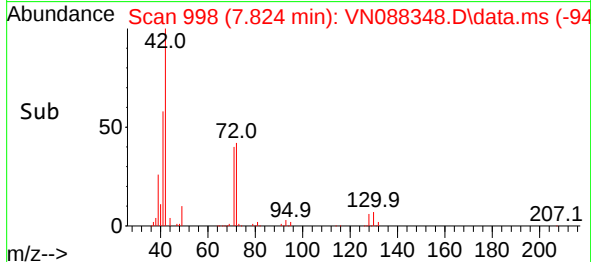
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 42 Resp: 1096740
Ion Ratio Lower Upper
42 100
72 40.5 32.2 48.4
71 38.1 31.1 46.7

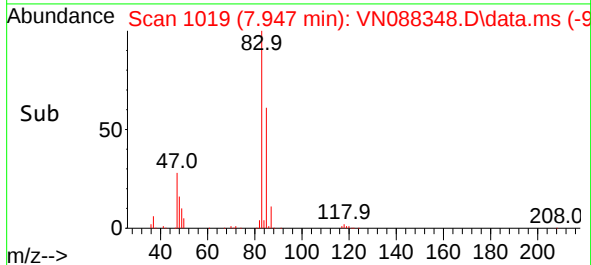
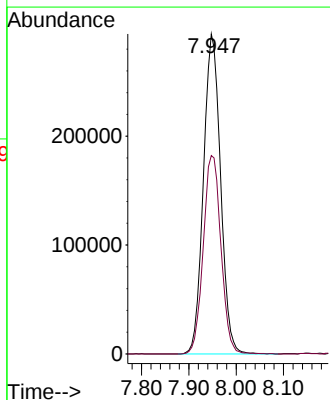
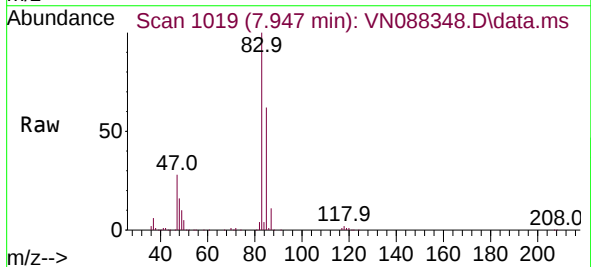
Manual Integrations
APPROVED

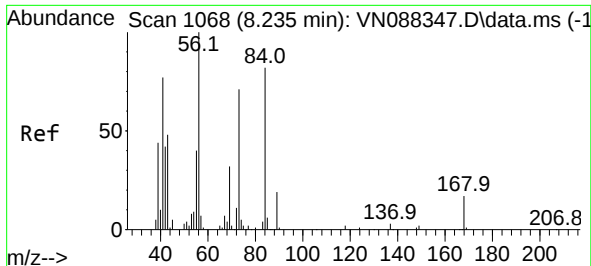
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#30
Chloroform
Concen: 96.326 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

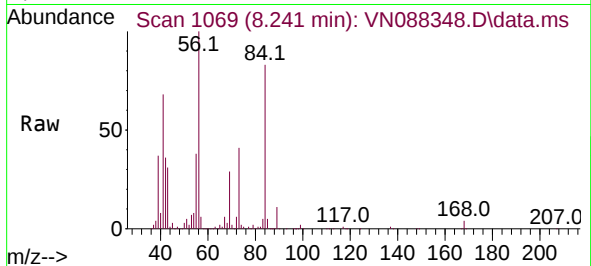
Tgt Ion: 83 Resp: 738399
Ion Ratio Lower Upper
83 100
85 62.0 49.8 74.8





#31
Cyclohexane
Concen: 99.459 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

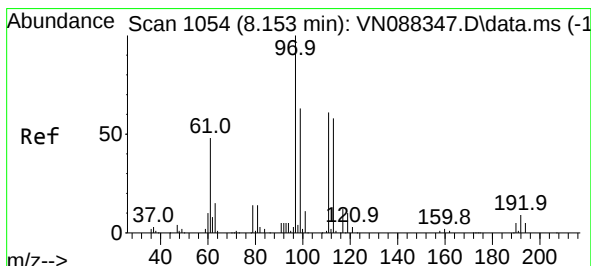
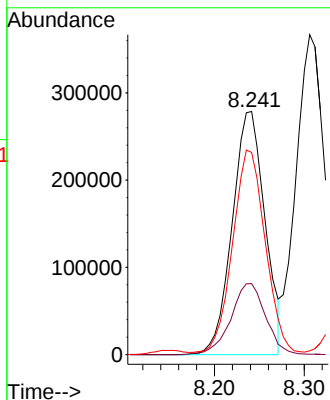
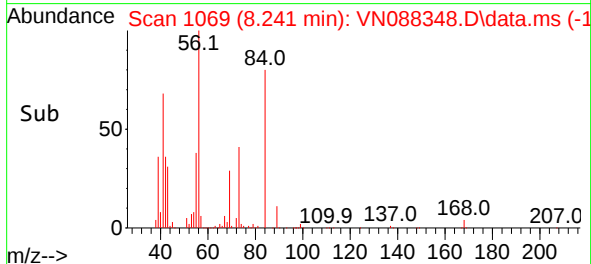
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 707339
Ion Ratio Lower Upper
56 100
69 29.2 25.3 37.9
84 81.6 65.4 98.2

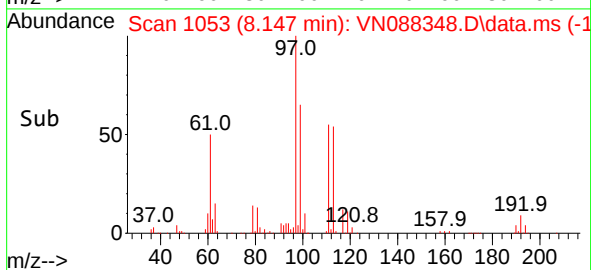
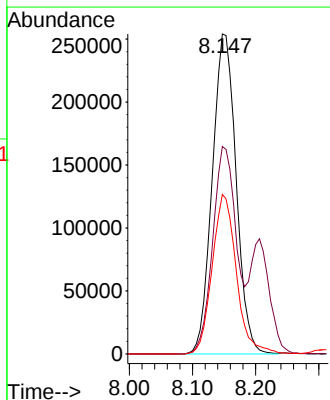
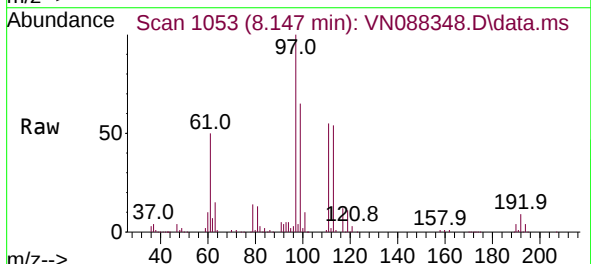
Manual Integrations
APPROVED

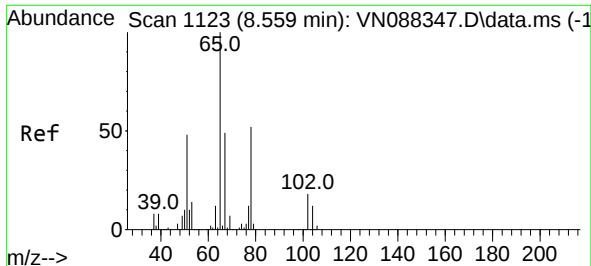
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#32
1,1,1-Trichloroethane
Concen: 98.605 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Tgt Ion: 97 Resp: 666887
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 50.6 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 97.467 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 504045

Ion Ratio Lower Upper

65 100

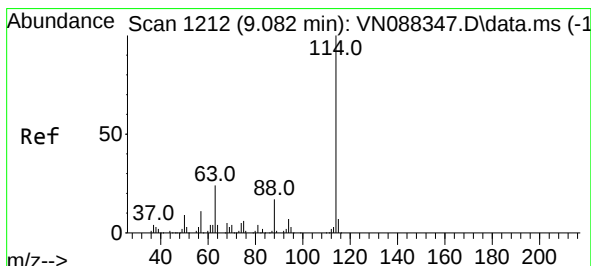
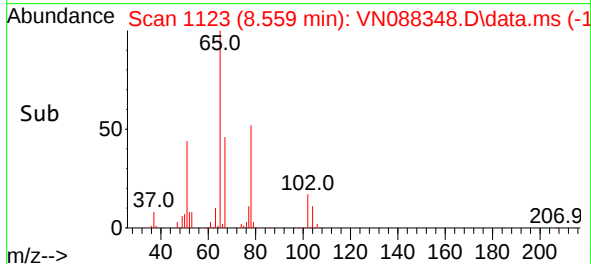
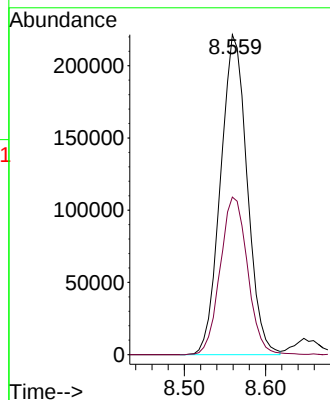
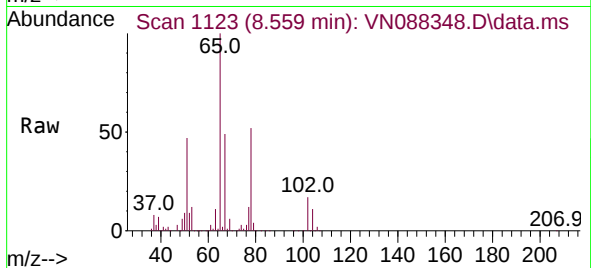
67 50.6 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

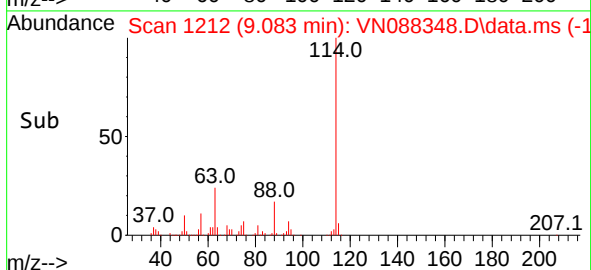
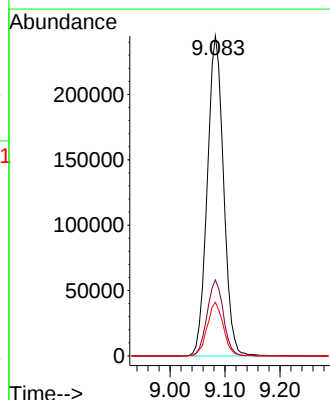
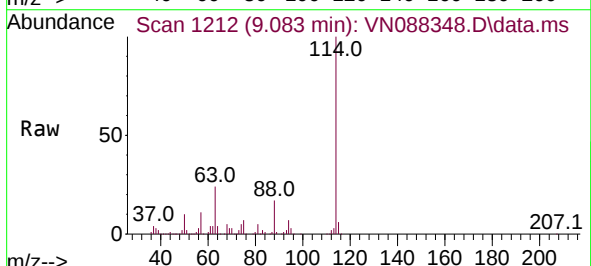
Tgt Ion:114 Resp: 501695

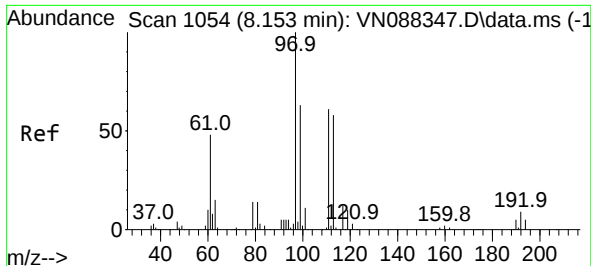
Ion Ratio Lower Upper

114 100

63 23.7 0.0 49.0

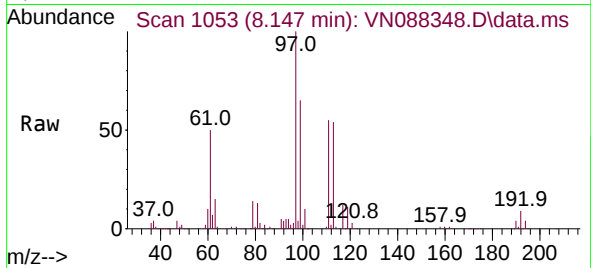
88 16.7 0.0 34.0





#35
Dibromofluoromethane
Concen: 97.484 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

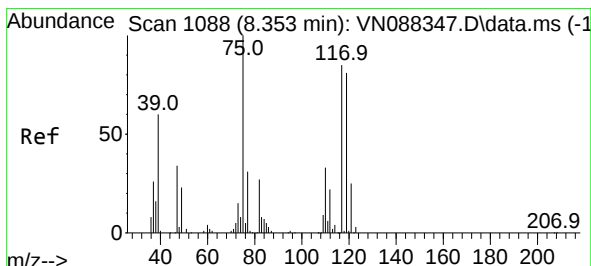
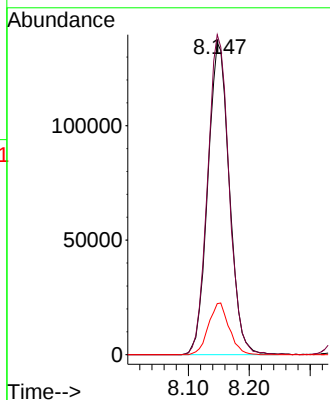
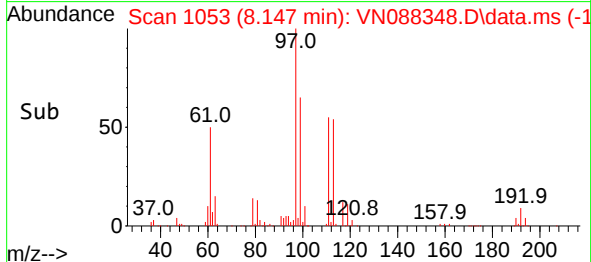
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 113 Resp: 335348
Ion Ratio Lower Upper
113 100
111 102.5 82.5 123.7
192 15.8 12.8 19.2

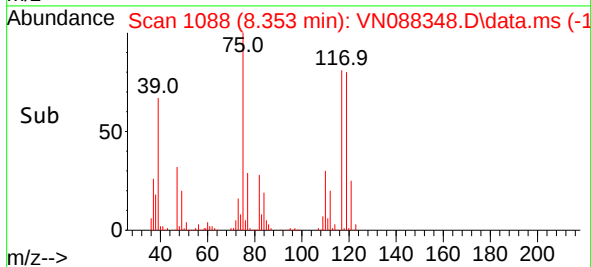
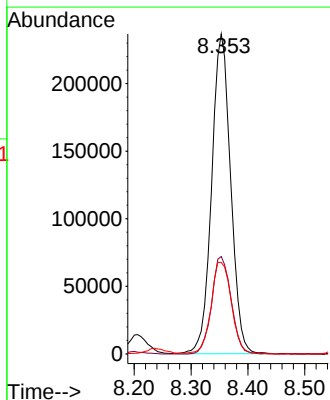
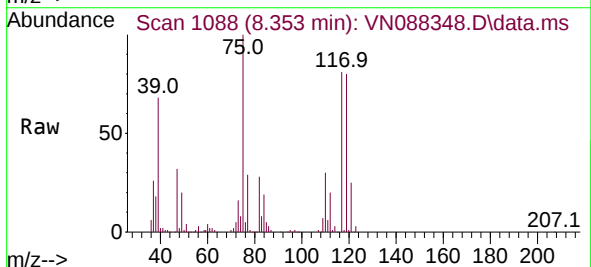
Manual Integrations
APPROVED

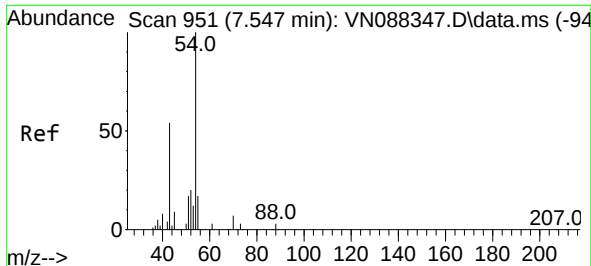
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#36
1,1-Dichloropropene
Concen: 108.461 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Tgt Ion: 75 Resp: 549319
Ion Ratio Lower Upper
75 100
110 31.2 15.8 47.4
77 30.6 24.2 36.2





#37

Ethyl Acetate

Concen: 101.412 ug/l

RT: 7.547 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

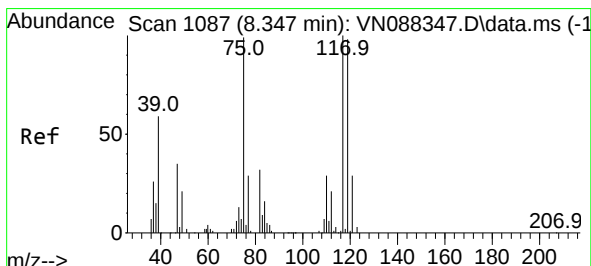
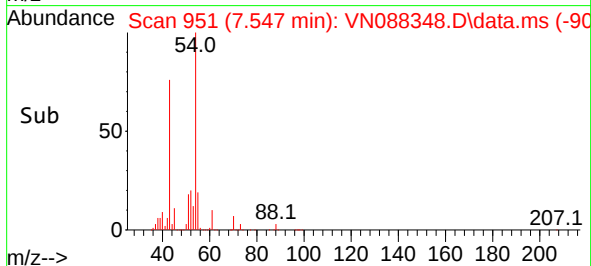
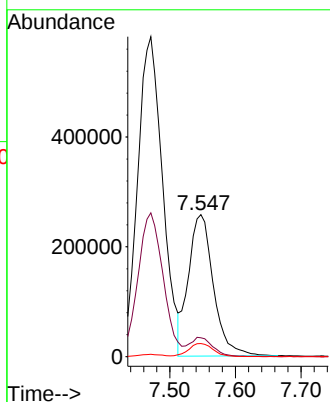
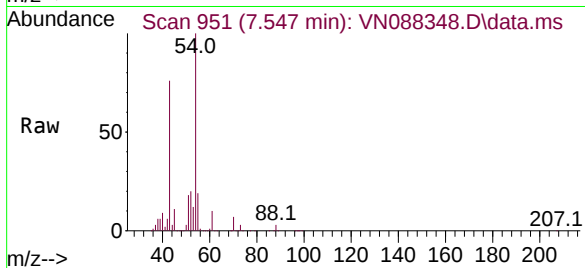
Tgt Ion: 43 Resp: 68285

Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.5	14.3
70	9.1	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#38

Carbon Tetrachloride

Concen: 109.553 ug/l

RT: 8.341 min Scan# 1086

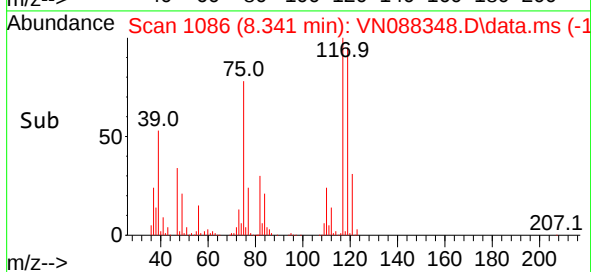
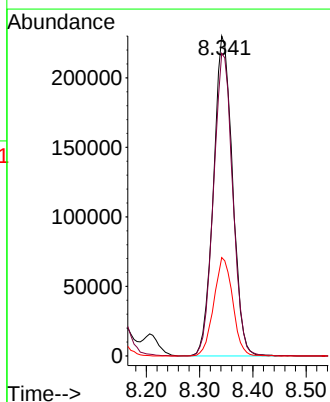
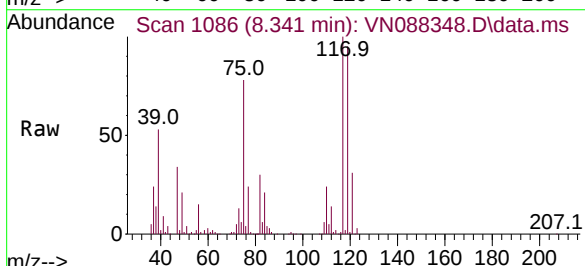
Delta R.T. -0.006 min

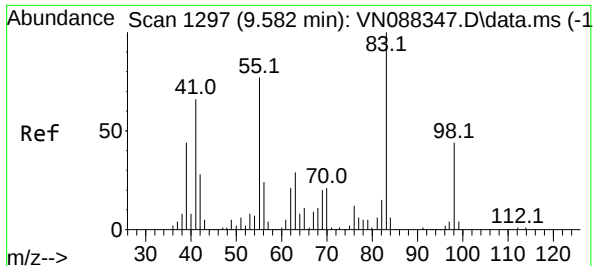
Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

Tgt Ion:117 Resp: 571861

Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.2	117.4
121	30.7	23.4	35.2





#39

Methylcyclohexane

Concen: 104.863 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

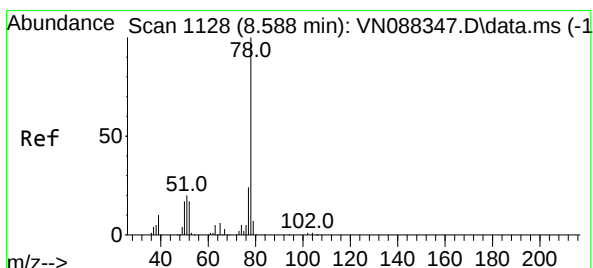
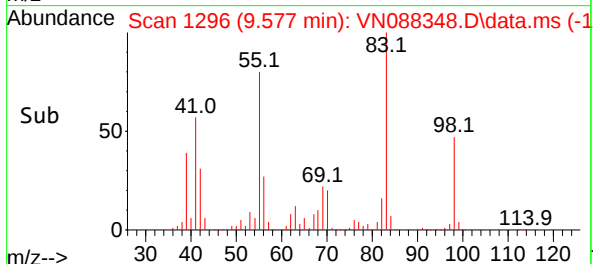
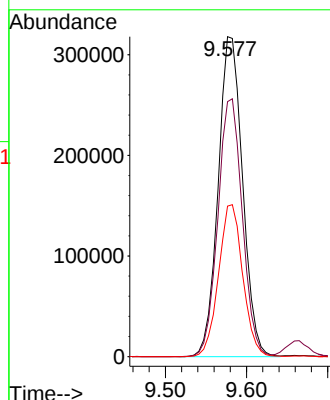
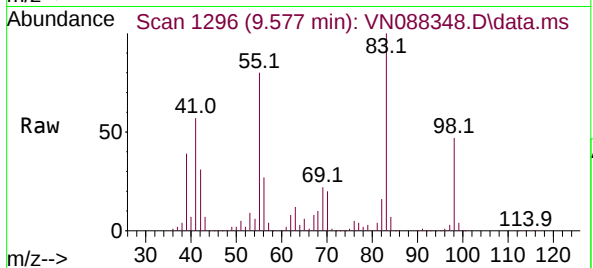
Tgt Ion: 83	Resp: 66398
Ion Ratio	Lower Upper
83	100
55	79.7 61.6 92.4
98	47.0 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#40

Benzene

Concen: 100.538 ug/l

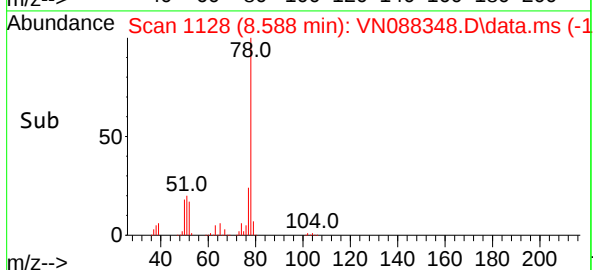
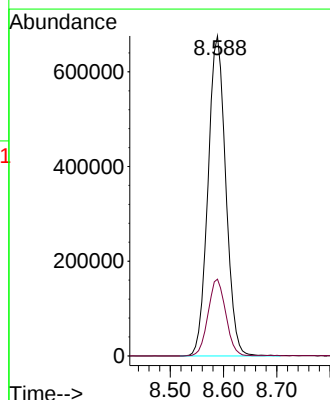
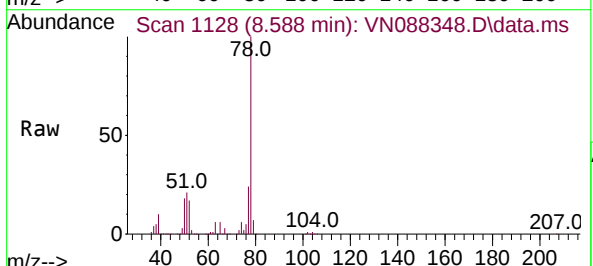
RT: 8.588 min Scan# 1128

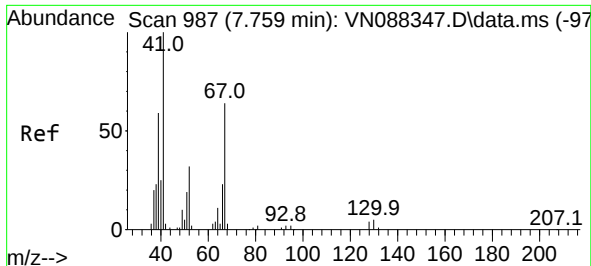
Delta R.T. 0.000 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

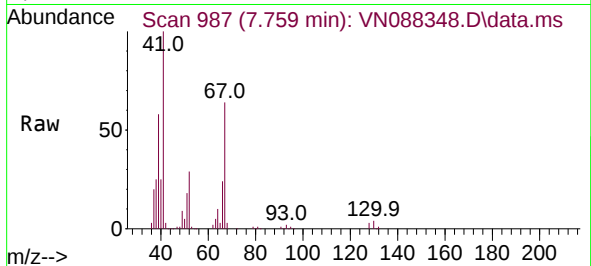
Tgt Ion: 78	Resp: 1564367
Ion Ratio	Lower Upper
78	100
77	24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 100.333 ug/l
RT: 7.759 min Scan# 987
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

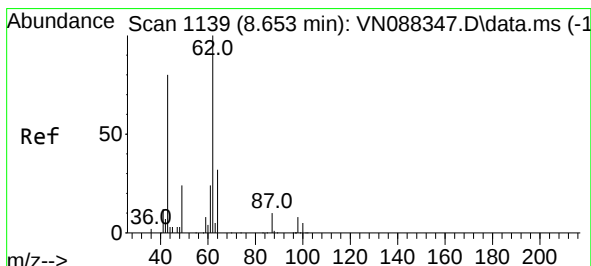
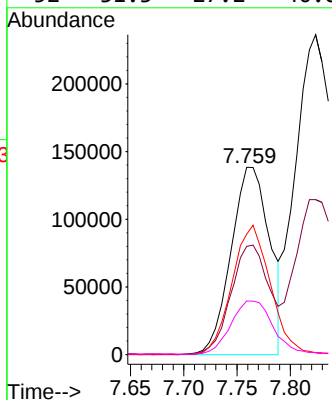
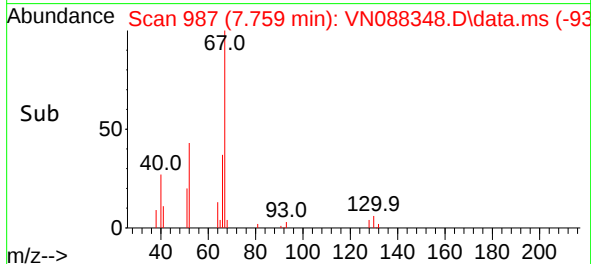
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 349832
Ion Ratio Lower Upper
41 100
39 57.5 46.3 69.5
67 69.0 54.7 82.1
52 31.3 27.2 40.8

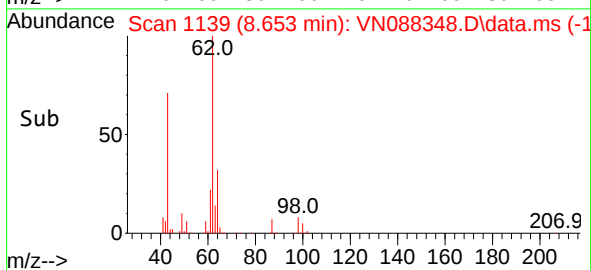
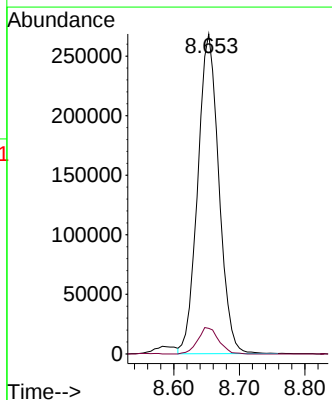
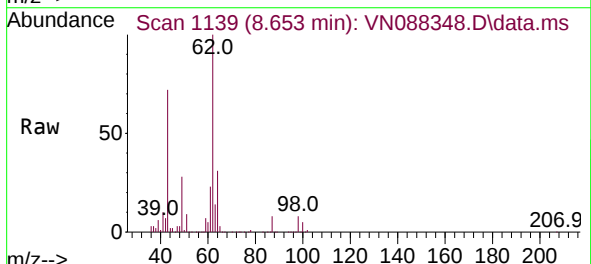
Manual Integrations
APPROVED

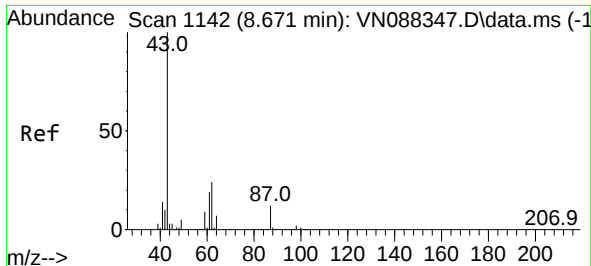
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#42
1,2-Dichloroethane
Concen: 106.490 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Tgt Ion: 62 Resp: 599011
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.2





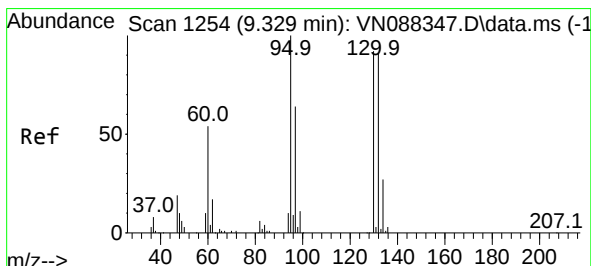
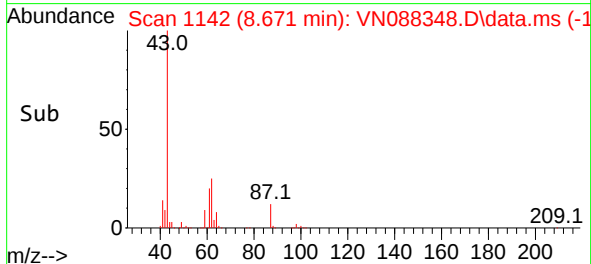
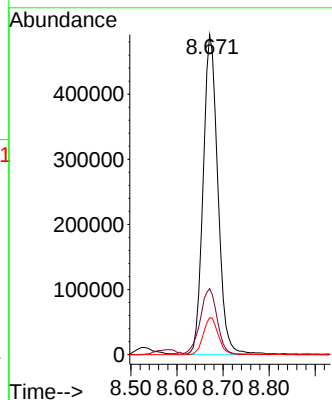
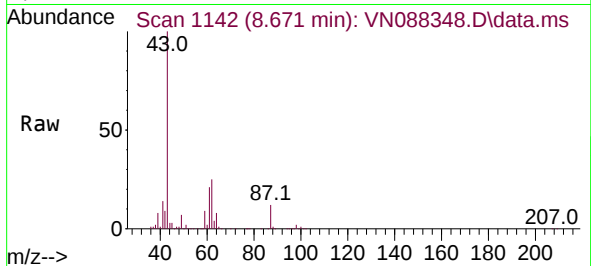
#43
Isopropyl Acetate
Concen: 105.122 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1079559
Ion Ratio Lower Upper
43 100
61 24.1 18.7 28.1
87 11.8 9.1 13.7

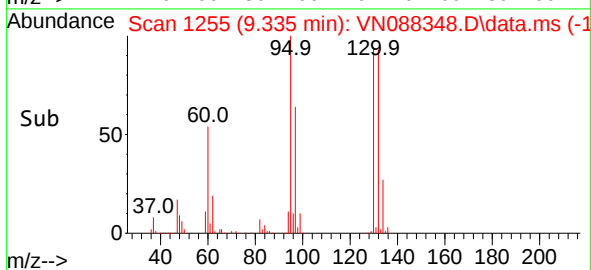
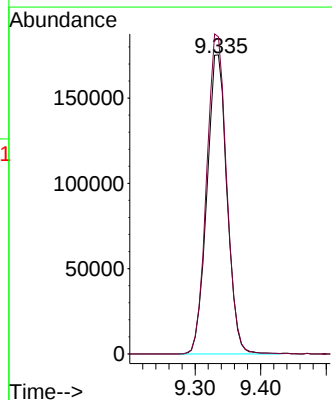
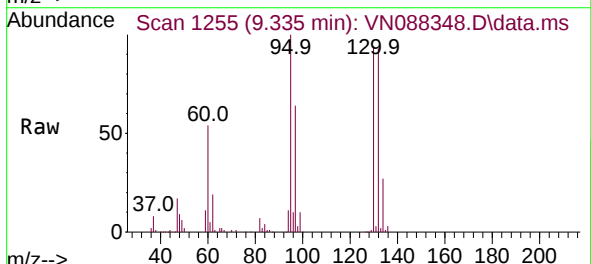
Manual Integrations
APPROVED

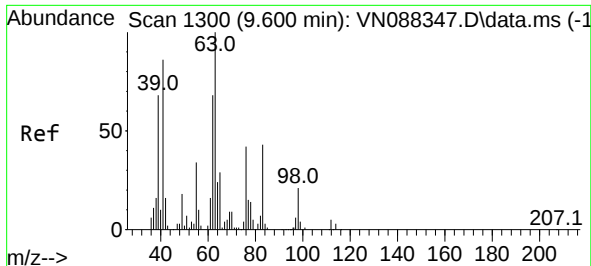
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#44
Trichloroethene
Concen: 102.756 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Tgt Ion:130 Resp: 372568
Ion Ratio Lower Upper
130 100
95 106.1 0.0 217.0





#45

1,2-Dichloropropane

Concen: 100.477 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 396928

Ion Ratio Lower Upper

63 100

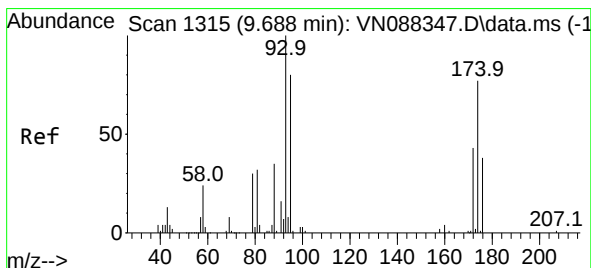
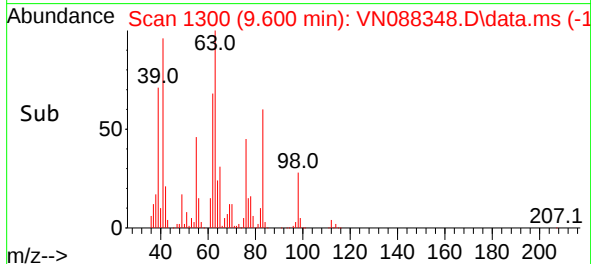
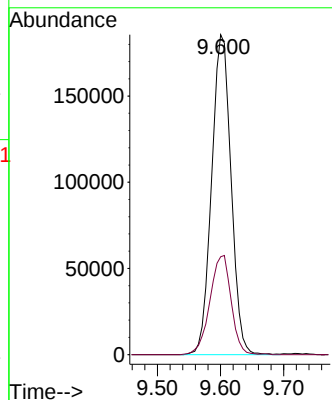
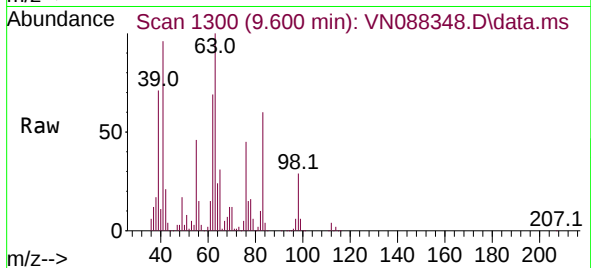
65 30.6 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#46

Dibromomethane

Concen: 100.615 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

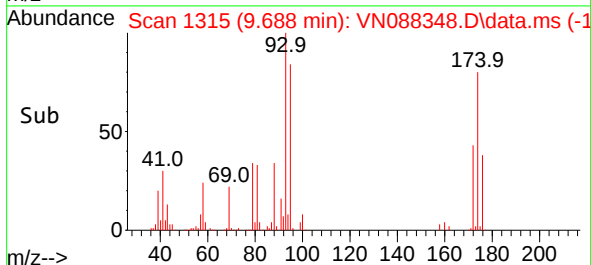
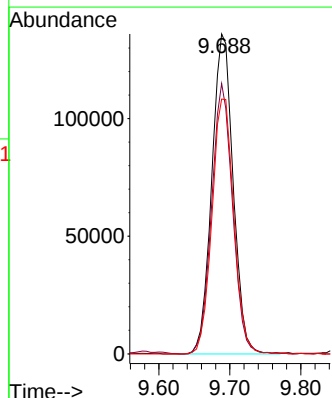
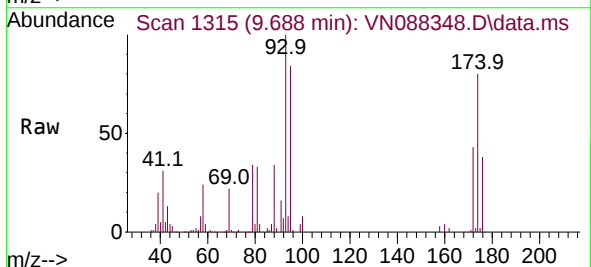
Tgt Ion: 93 Resp: 284059

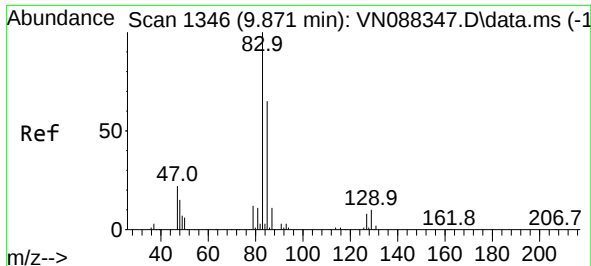
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.6

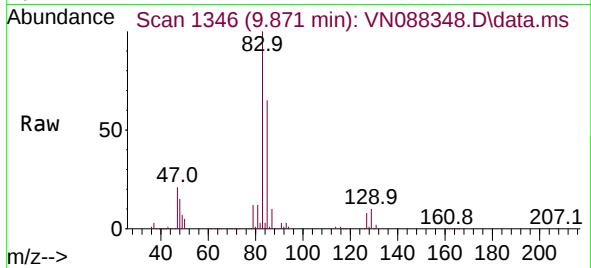
174 81.7 64.3 96.5





#47
Bromodichloromethane
Concen: 103.520 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

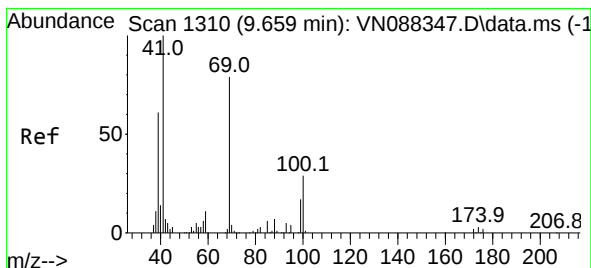
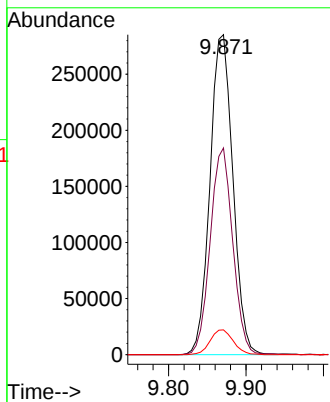
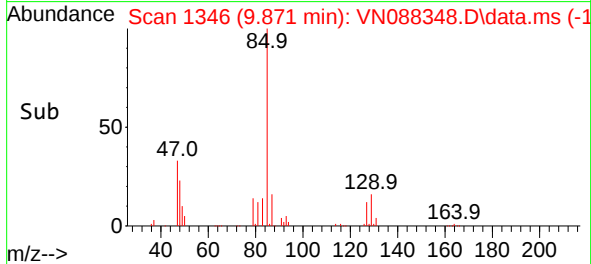
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



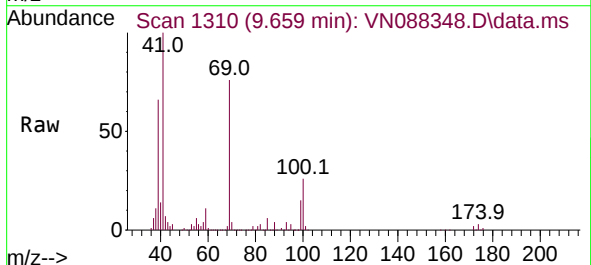
Tgt Ion: 83 Resp: 585372
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9
127 7.8 6.3 9.5

Manual Integrations
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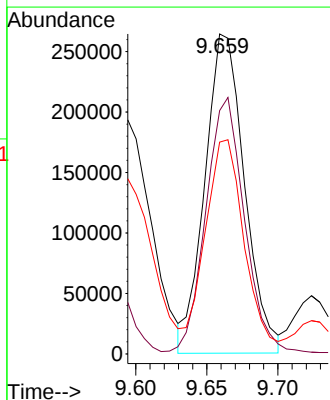
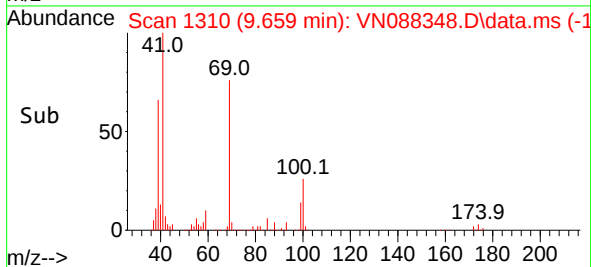
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

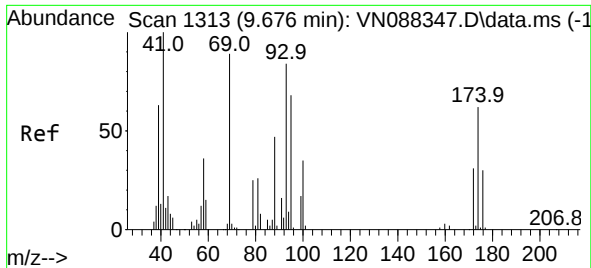


#48
Methyl methacrylate
Concen: 108.100 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14



Tgt Ion: 41 Resp: 512503
Ion Ratio Lower Upper
41 100
69 78.7 62.4 93.6
39 67.0 52.6 79.0





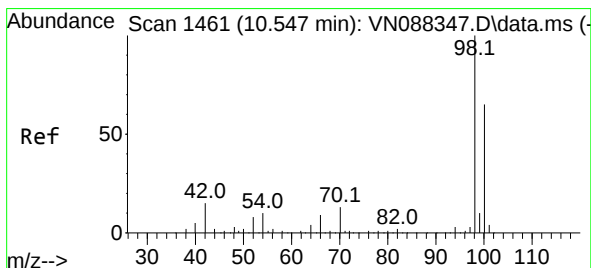
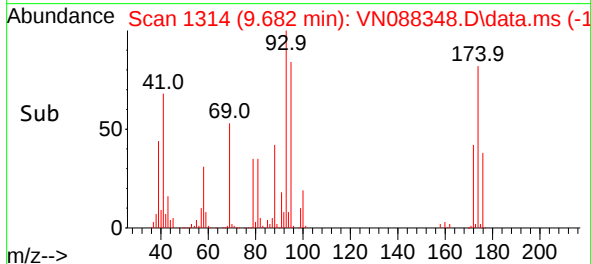
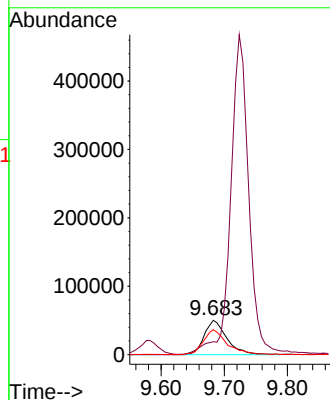
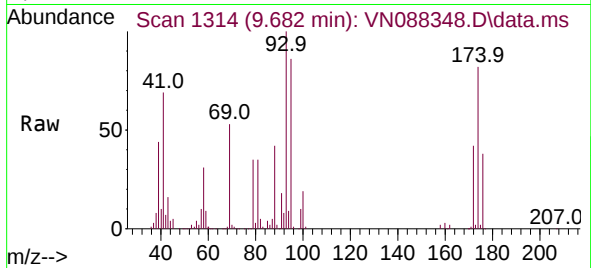
#49
1,4-Dioxane
Concen: 2077.291 ug/l
RT: 9.682 min Scan# 1313
Delta R.T. 0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 124110
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 76.0 62.0 93.0

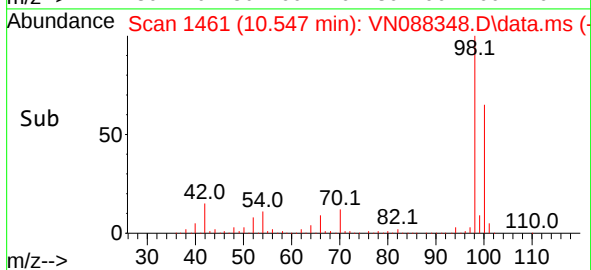
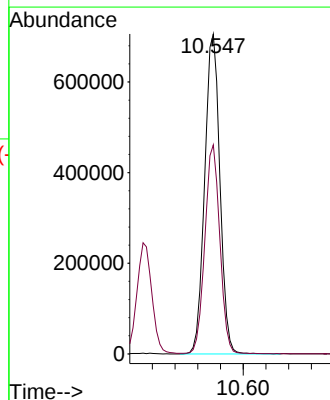
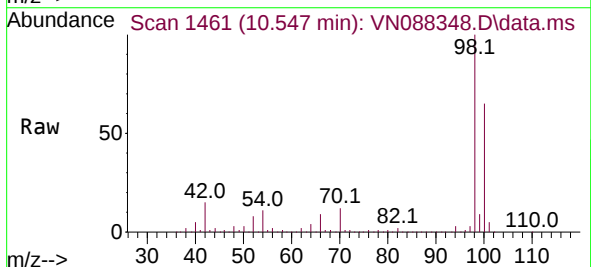
Manual Integrations
APPROVED

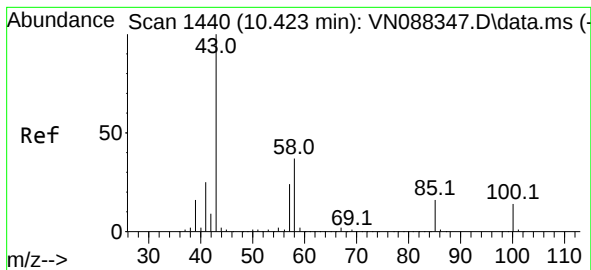
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#50
Toluene-d8
Concen: 100.081 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

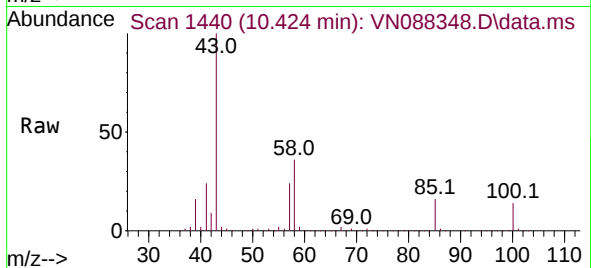
Tgt Ion: 98 Resp: 1312124
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 542.564 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

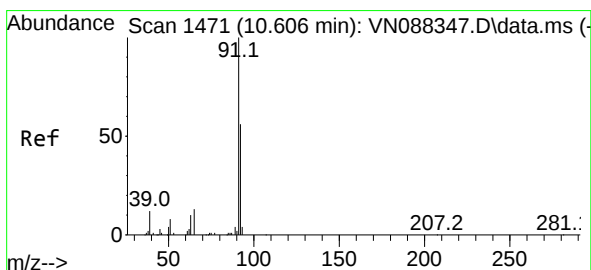
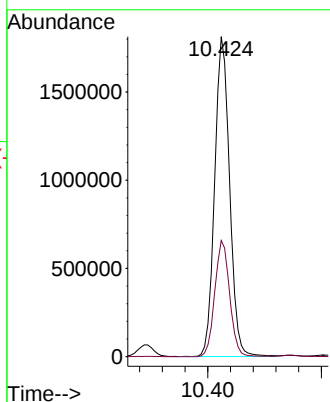
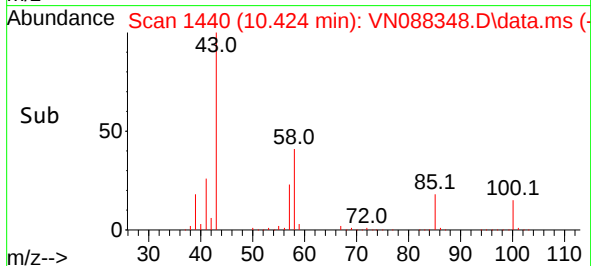
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 3302590
Ion Ratio Lower Upper
43 100
58 36.2 29.1 43.7

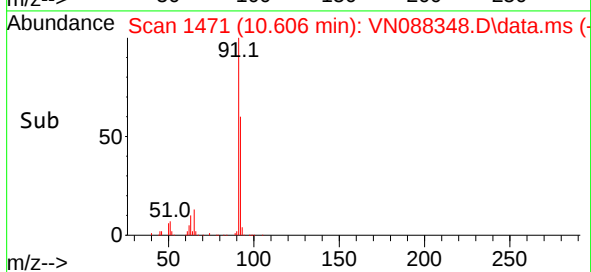
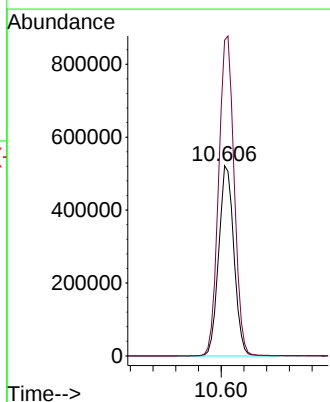
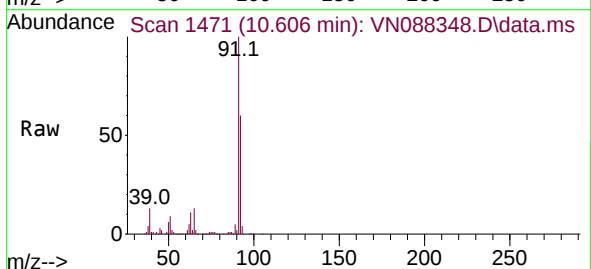
Manual Integrations
APPROVED

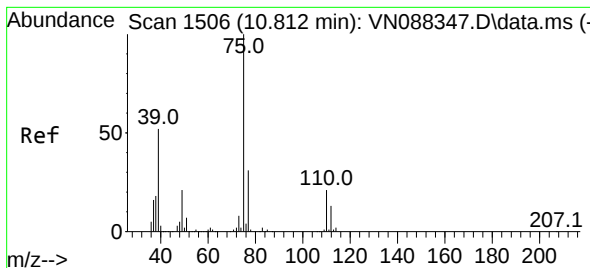
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#52
Toluene
Concen: 101.291 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

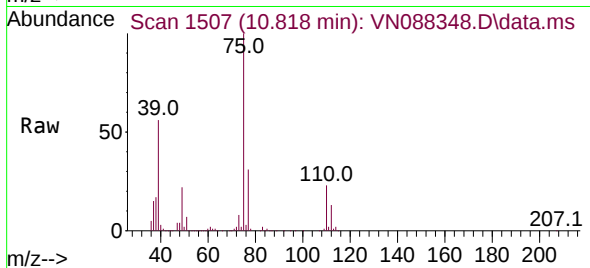
Tgt Ion: 92 Resp: 962754
Ion Ratio Lower Upper
92 100
91 172.1 140.2 210.2





#53
 t-1,3-Dichloropropene
 Concen: 105.515 ug/l
 RT: 10.818 min Scan# 1506
 Delta R.T. 0.006 min
 Lab File: VN088348.D
 Acq: 24 Nov 2025 14:14

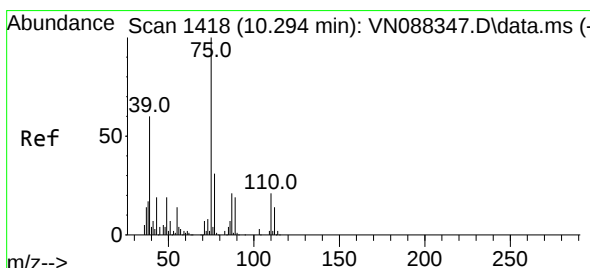
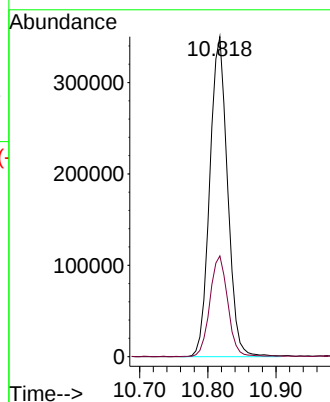
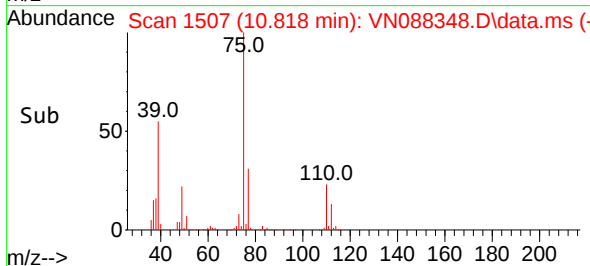
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 63362
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2

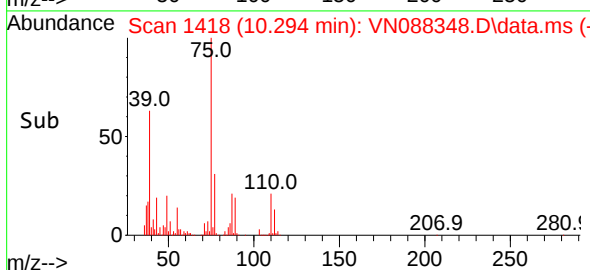
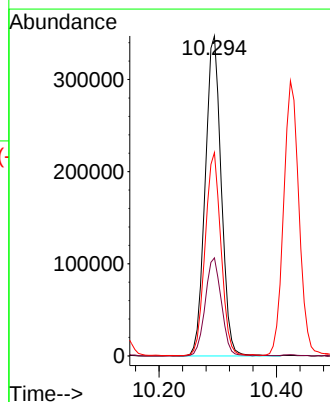
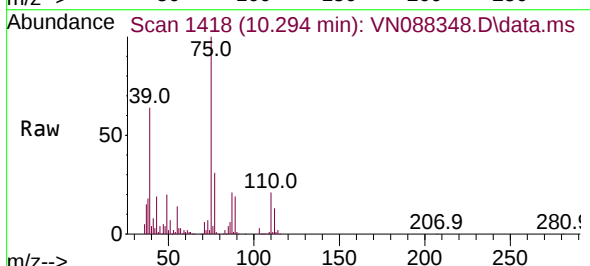
Manual Integrations
 APPROVED

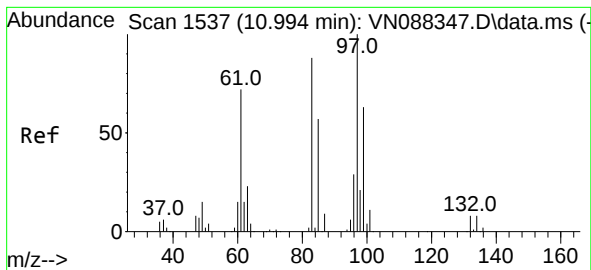
Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025



#54
 cis-1,3-Dichloropropene
 Concen: 103.040 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088348.D
 Acq: 24 Nov 2025 14:14

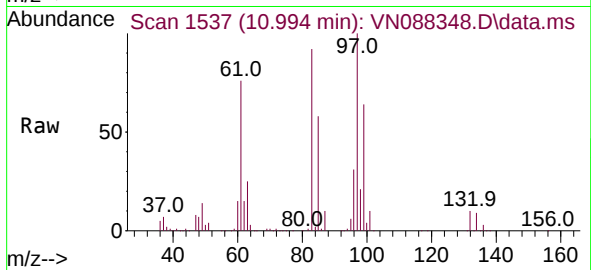
Tgt Ion: 75 Resp: 656506
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.5 36.7
 39 63.4 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 94.361 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

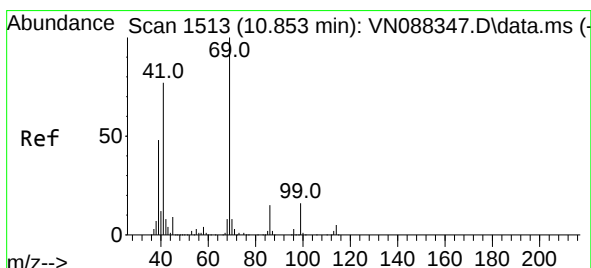
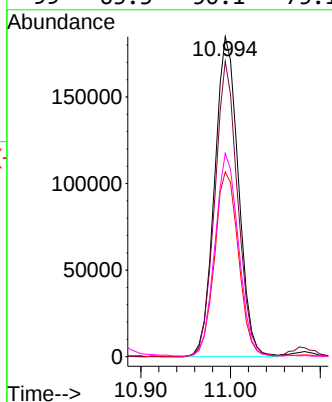
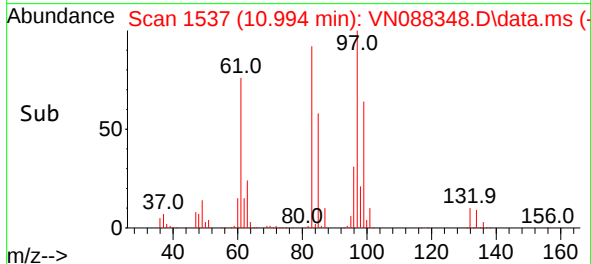
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 97 Resp: 342175
Ion Ratio Lower Upper
97 100
83 92.2 70.4 105.6
85 57.7 45.4 68.2
99 63.3 50.1 75.1

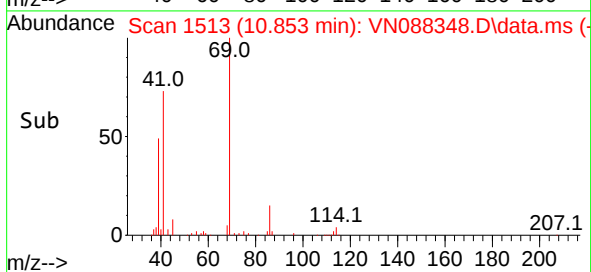
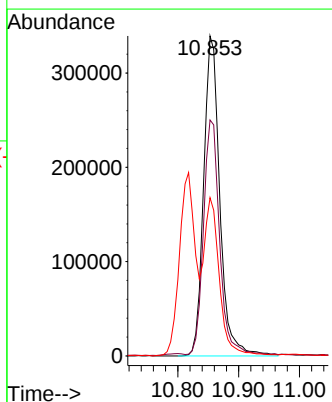
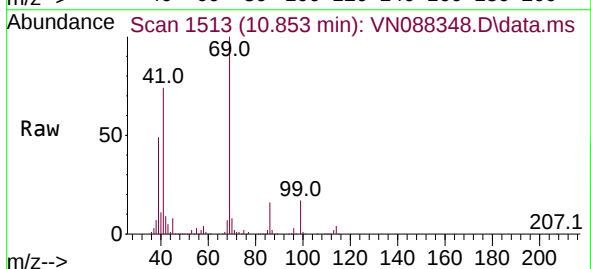
Manual Integrations
APPROVED

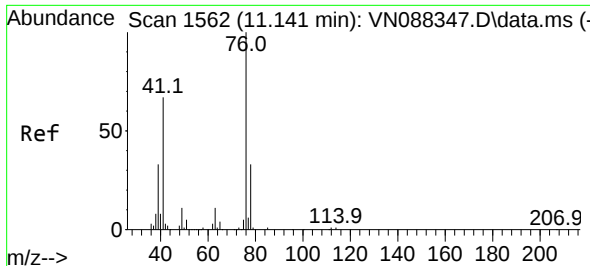
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#56
Ethyl methacrylate
Concen: 108.210 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

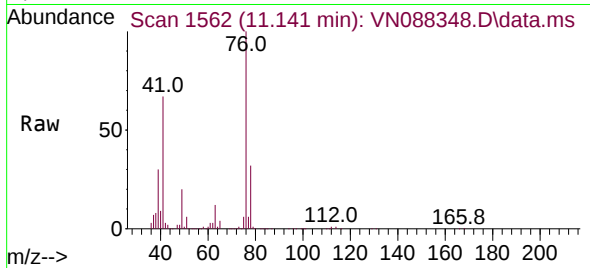
Tgt Ion: 69 Resp: 625749
Ion Ratio Lower Upper
69 100
41 73.1 59.6 89.4
39 46.4 36.4 54.6





#57
1,3-Dichloropropane
Concen: 100.162 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

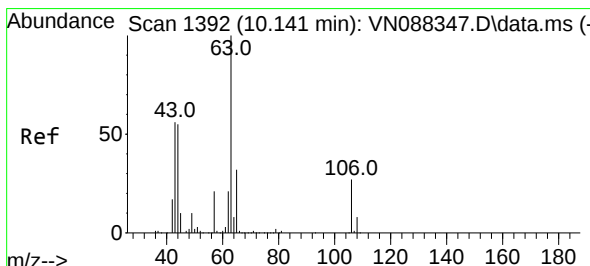
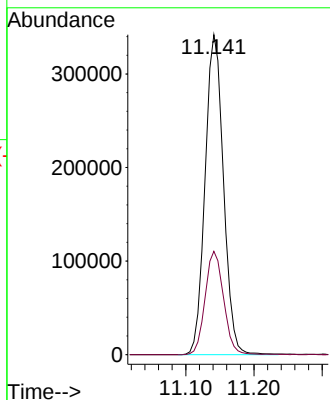
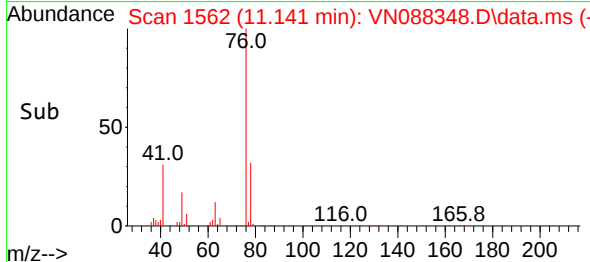
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



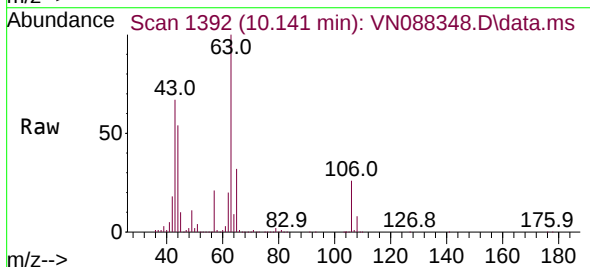
Tgt Ion: 76 Resp: 640348
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4

Manual Integrations
APPROVED

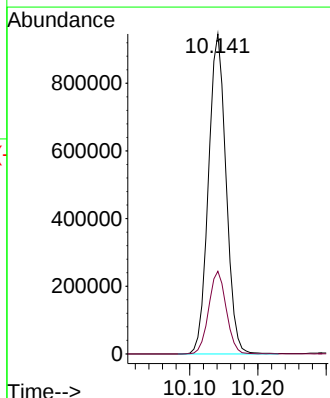
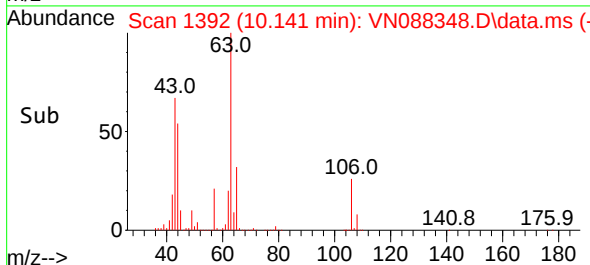
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

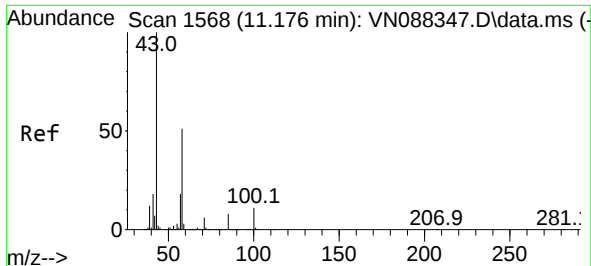


#58
2-Chloroethyl Vinyl ether
Concen: 548.624 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14



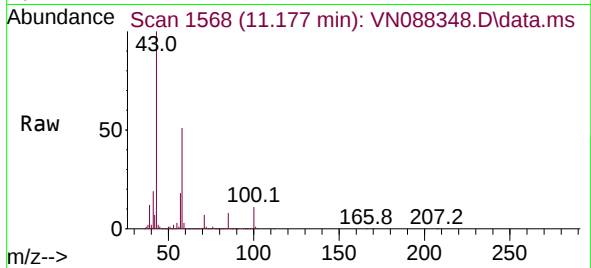
Tgt Ion: 63 Resp: 1692209
Ion Ratio Lower Upper
63 100
106 25.7 20.5 30.7





#59
2-Hexanone
Concen: 553.982 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

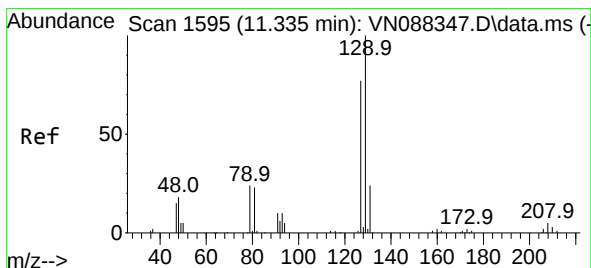
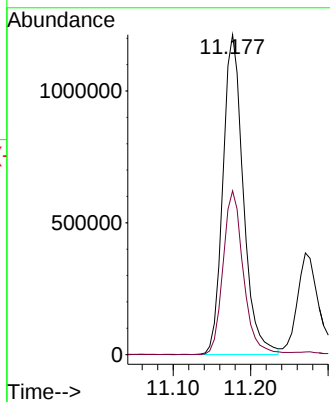
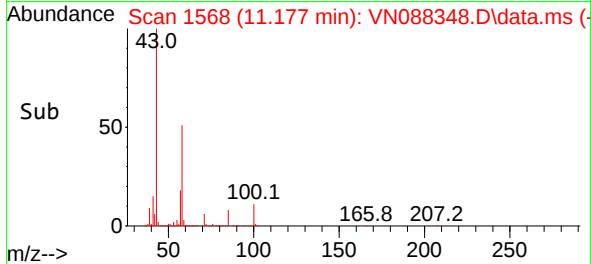
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



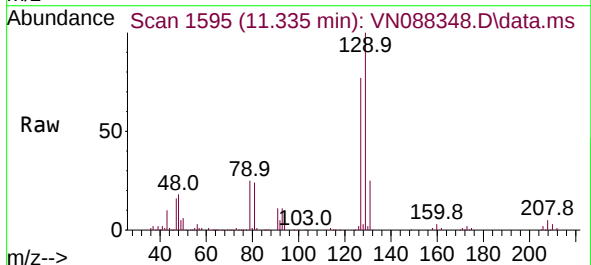
Tgt Ion: 43 Resp: 2217550
Ion Ratio Lower Upper
43 100
58 51.2 25.3 75.9

Manual Integrations
APPROVED

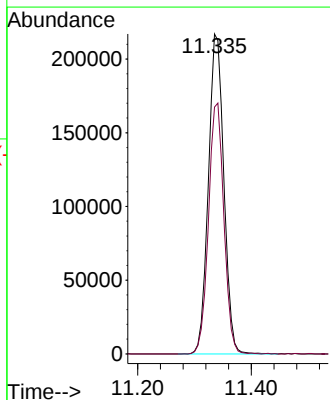
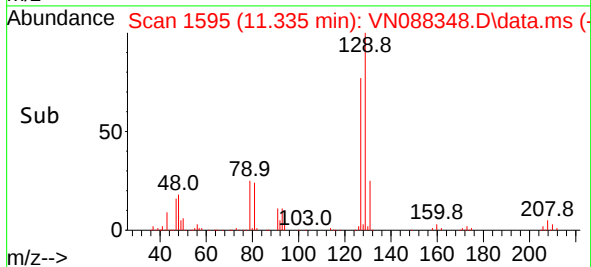
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

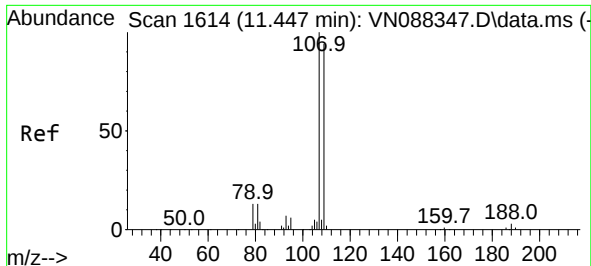


#60
Dibromochloromethane
Concen: 99.677 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14



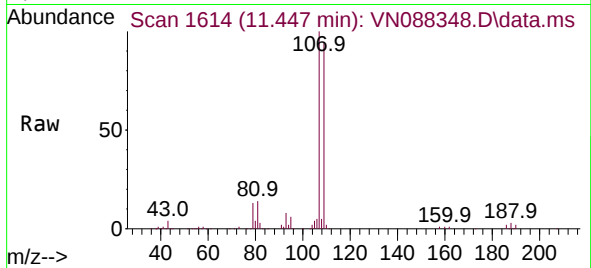
Tgt Ion:129 Resp: 410889
Ion Ratio Lower Upper
129 100
127 78.0 38.2 114.6





#61
1,2-Dibromoethane
Concen: 98.366 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

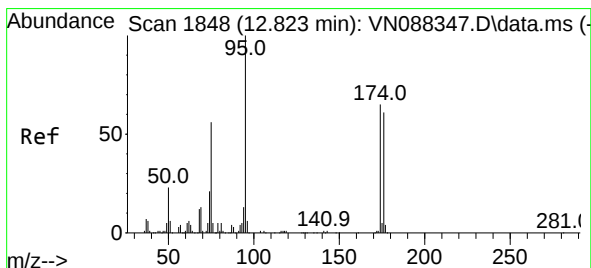
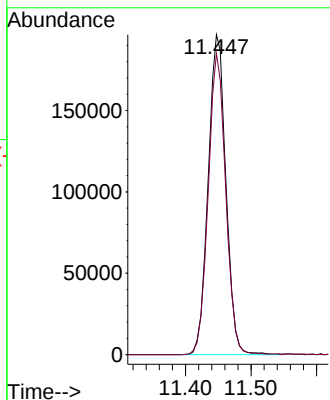
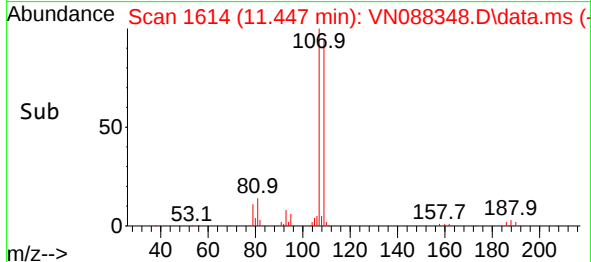
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



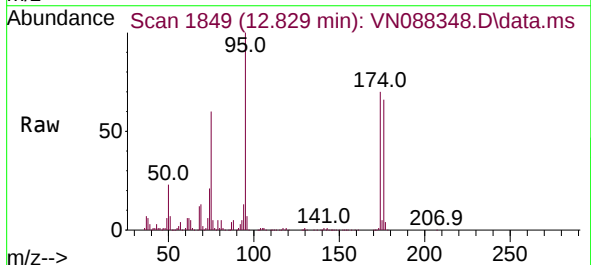
Tgt Ion:107 Resp: 368152
Ion Ratio Lower Upper
107 100
109 93.1 74.6 112.0

Manual Integrations
APPROVED

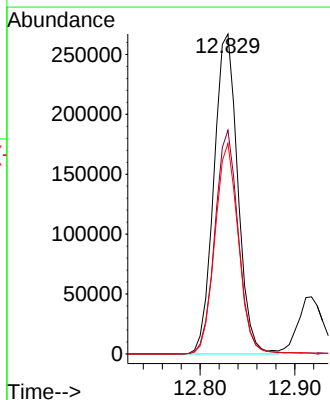
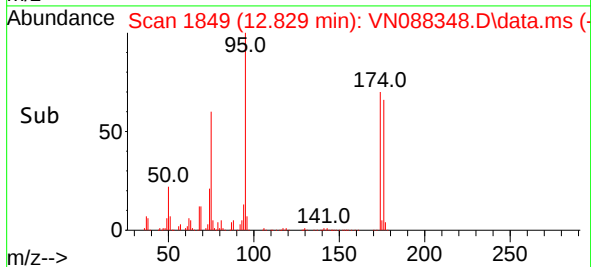
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

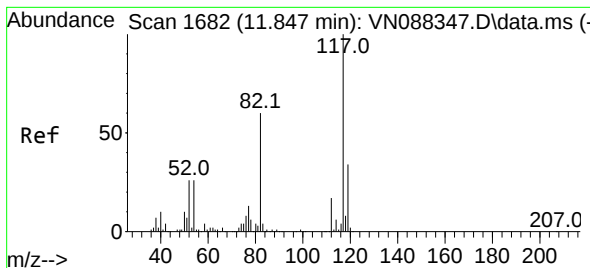


#62
4-Bromofluorobenzene
Concen: 101.595 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14



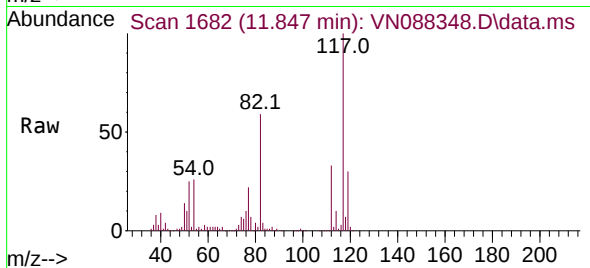
Tgt Ion: 95 Resp: 467895
Ion Ratio Lower Upper
95 100
174 68.8 0.0 139.0
176 65.0 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

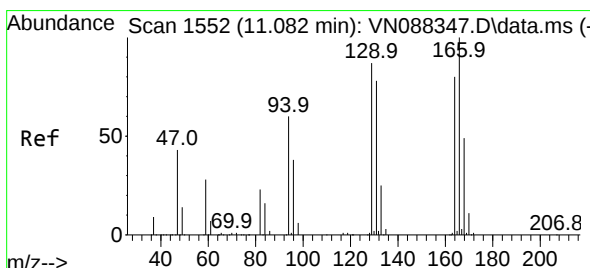
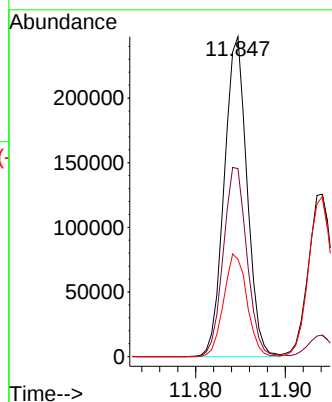
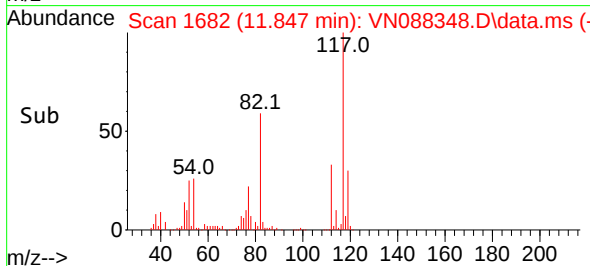
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 439316
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 30.4 26.9 40.3

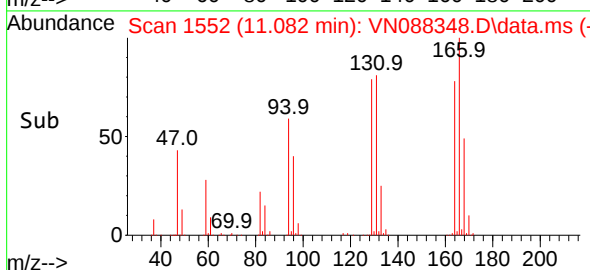
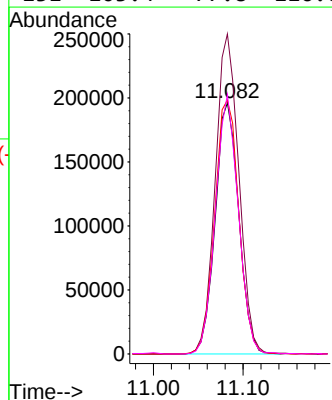
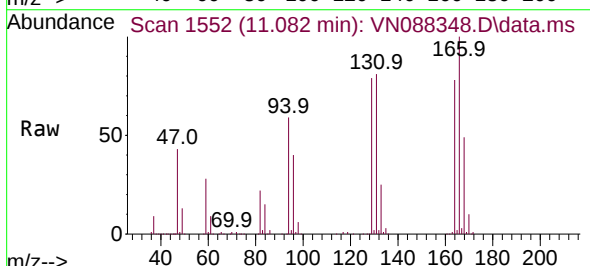
Manual Integrations
APPROVED

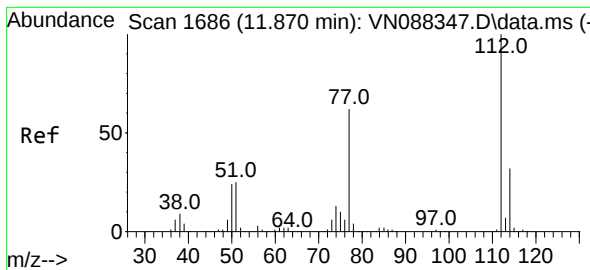
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#64
Tetrachloroethene
Concen: 116.335 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

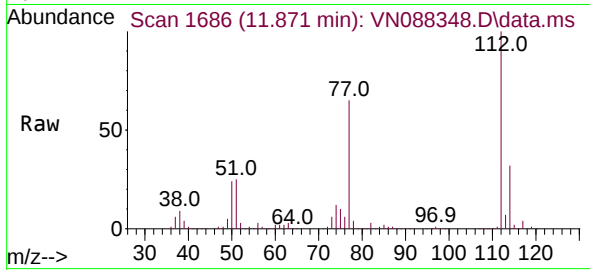
Tgt Ion:164 Resp: 357404
Ion Ratio Lower Upper
164 100
166 127.5 99.6 149.4
129 101.1 86.6 129.8
131 103.4 77.8 116.6





#65
Chlorobenzene
Concen: 98.505 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

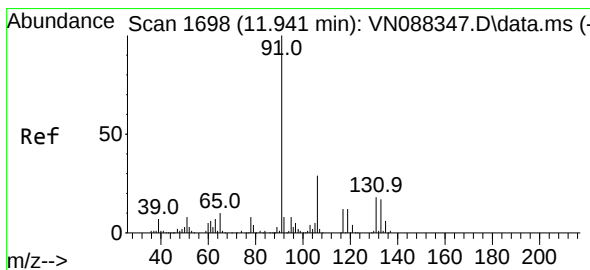
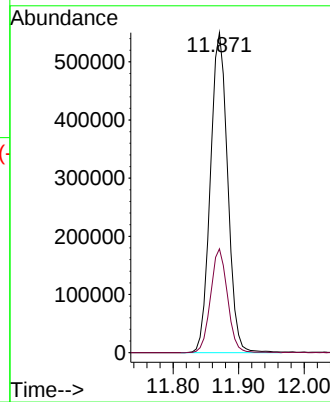
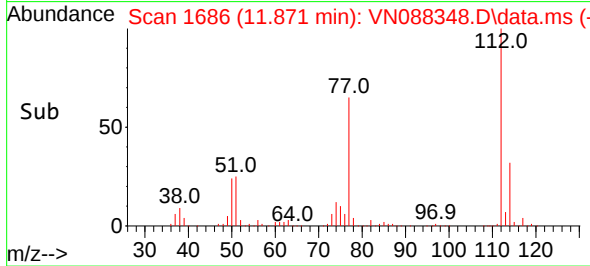
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



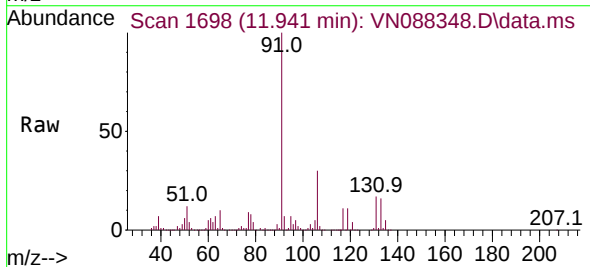
Tgt Ion:112 Resp: 1006420
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

Manual Integrations
APPROVED

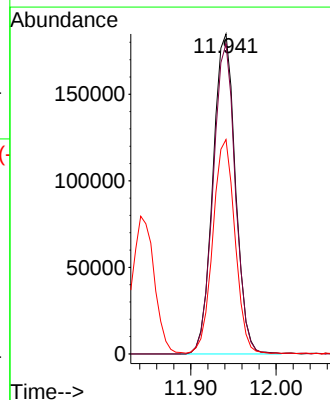
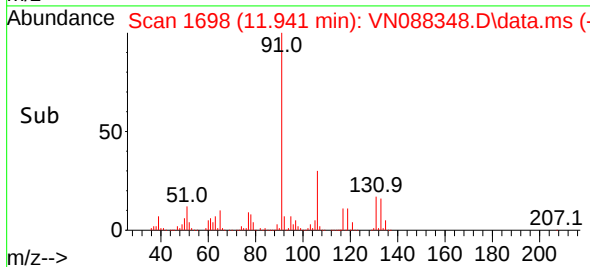
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

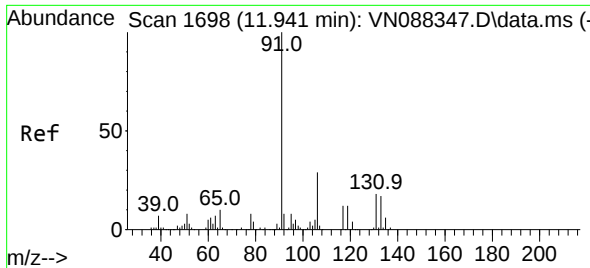


#66
1,1,1,2-Tetrachloroethane
Concen: 100.385 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14



Tgt Ion:131 Resp: 338748
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.2
119 65.9 33.4 100.1





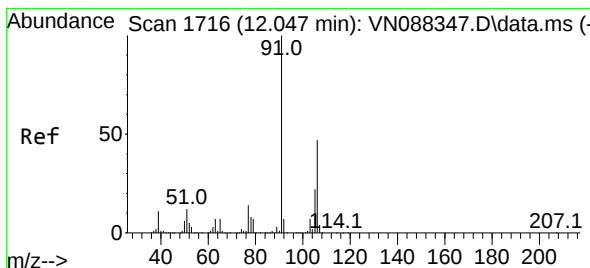
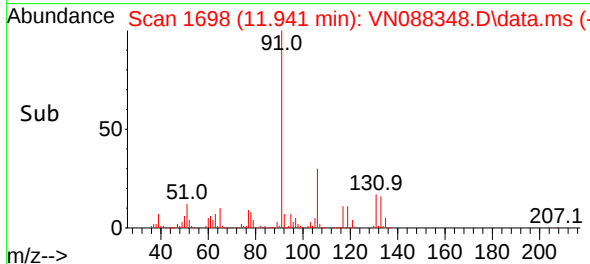
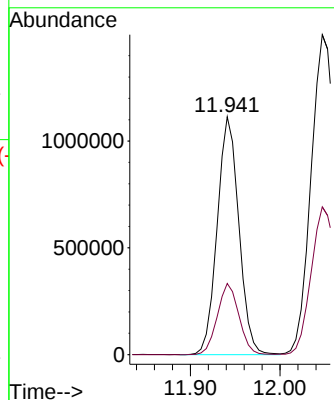
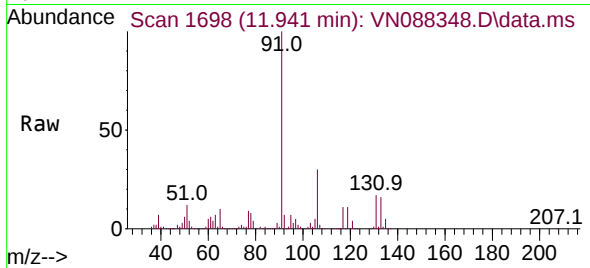
#67
Ethyl Benzene
Concen: 104.486 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1873691
Ion Ratio Lower Upper
91 100
106 29.9 23.6 35.4

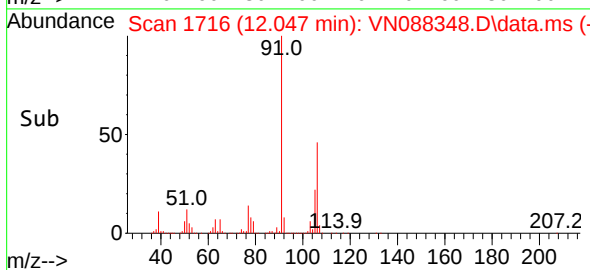
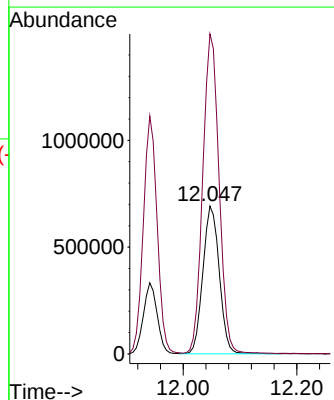
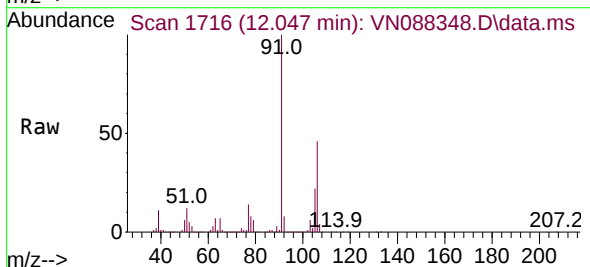
Manual Integrations
APPROVED

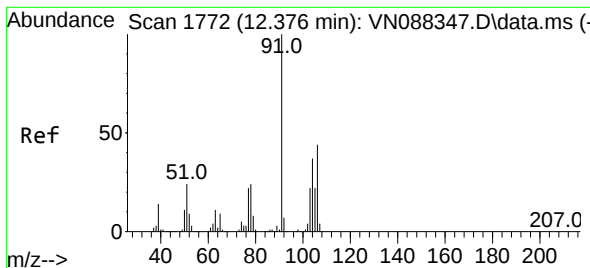
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#68
m/p-Xylenes
Concen: 206.446 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

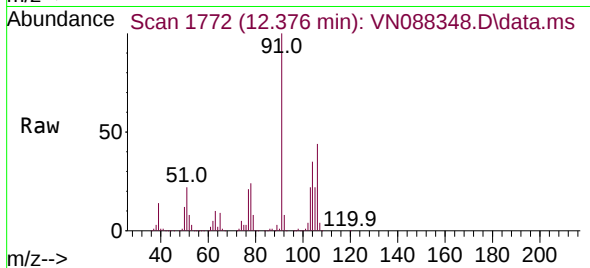
Tgt Ion:106 Resp: 1384206
Ion Ratio Lower Upper
106 100
91 215.1 167.8 251.6





#69
o-Xylene
Concen: 103.552 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

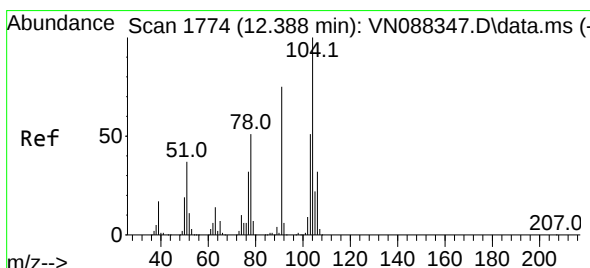
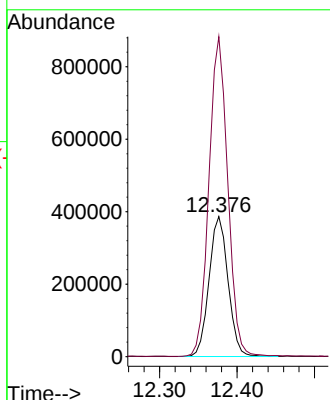
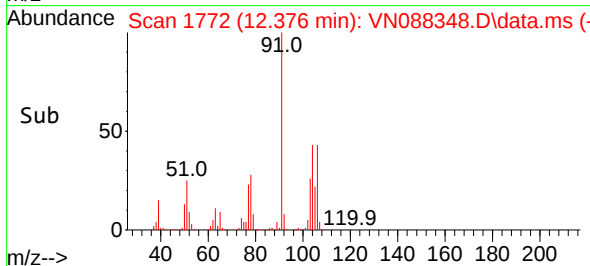
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:106 Resp: 657976
Ion Ratio Lower Upper
106 100
91 226.7 112.9 338.7

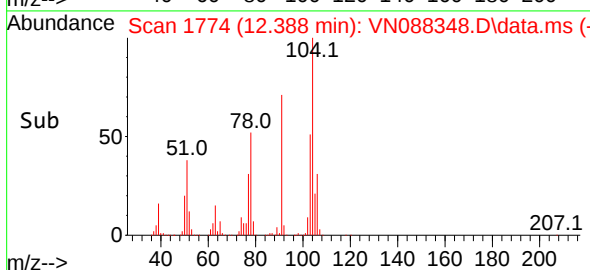
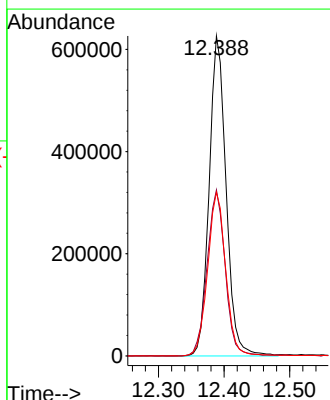
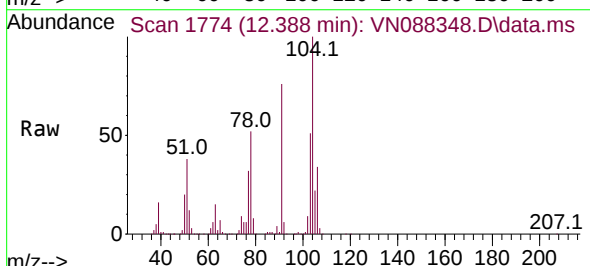
Manual Integrations
APPROVED

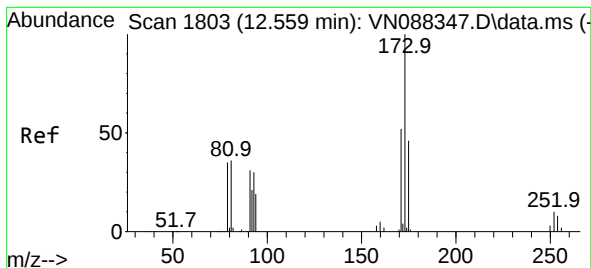
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#70
Styrene
Concen: 108.366 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Tgt Ion:104 Resp: 1127962
Ion Ratio Lower Upper
104 100
78 55.3 44.3 66.5
103 54.5 44.2 66.4





#71

Bromoform

Concen: 105.669 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:173 Resp: 265738

Ion Ratio Lower Upper

173 100

175 49.1 23.9 71.8

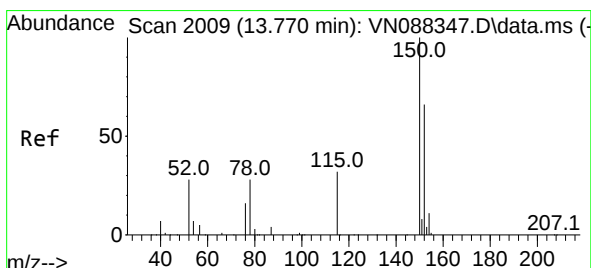
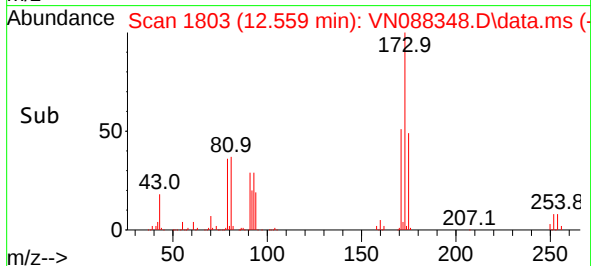
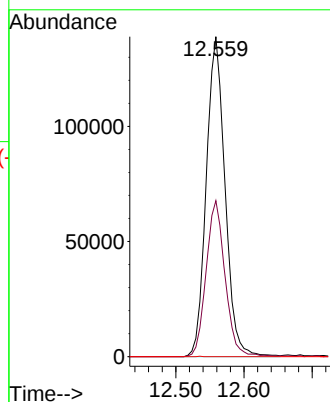
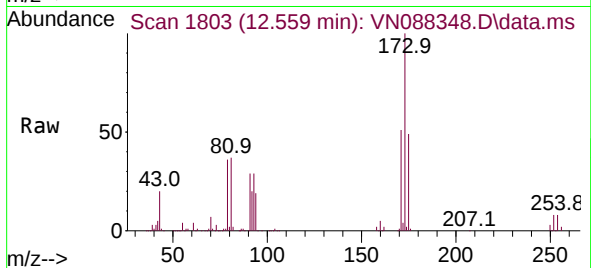
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

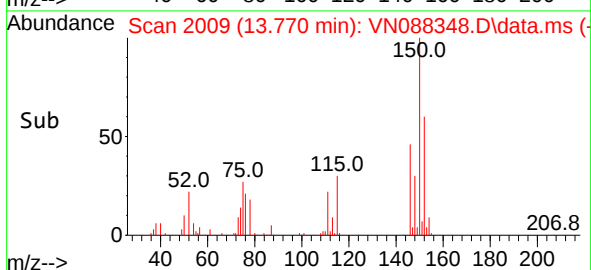
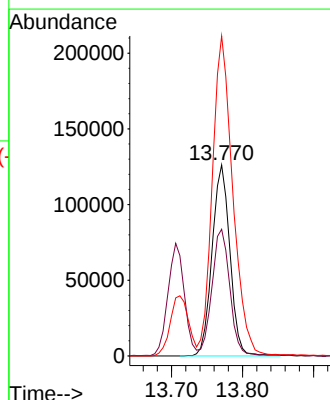
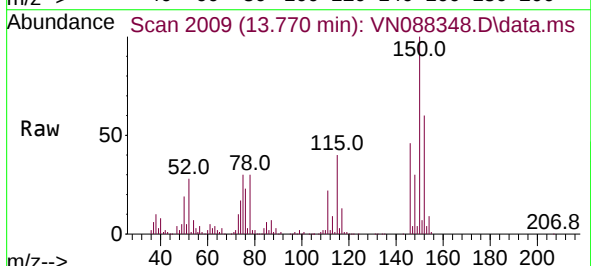
Tgt Ion:152 Resp: 219473

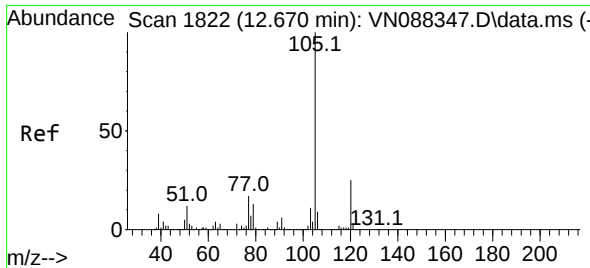
Ion Ratio Lower Upper

152 100

115 66.0 33.0 98.9

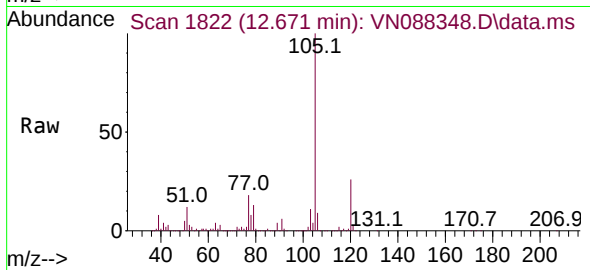
150 192.4 0.0 349.0





#73
Isopropylbenzene
Concen: 102.764 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

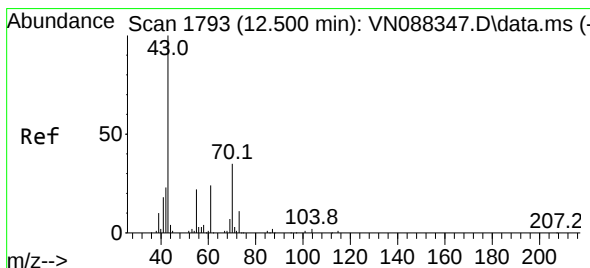
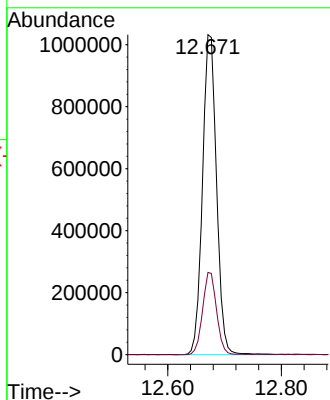
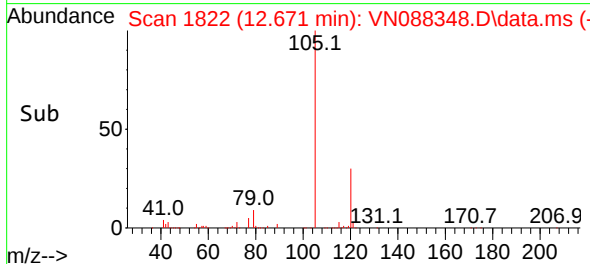
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:105 Resp: 1773452
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3

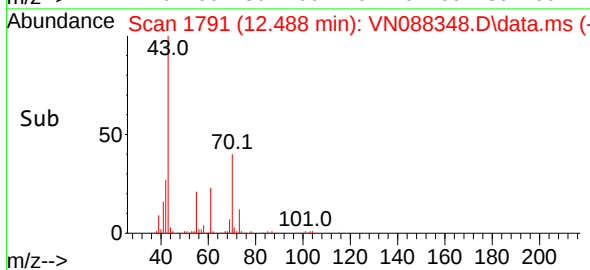
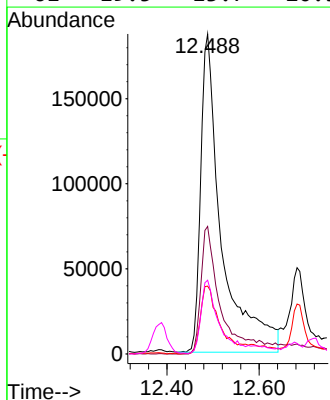
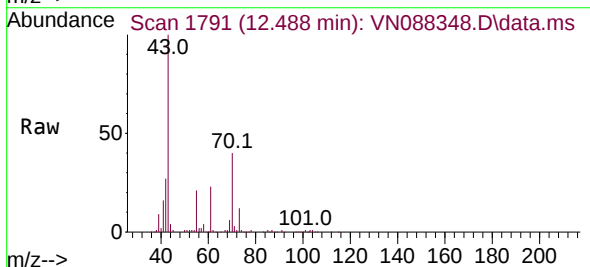
Manual Integrations
APPROVED

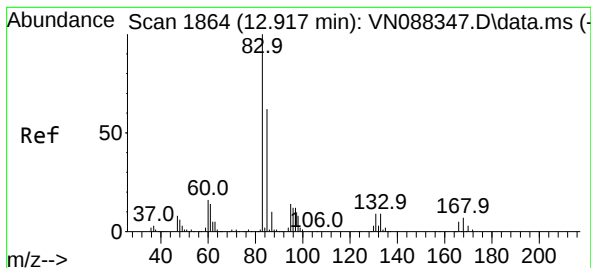
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#74
N-ethyl acetate
Concen: 119.520 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.012 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Tgt Ion: 43 Resp: 587472
Ion Ratio Lower Upper
43 100
70 38.5 28.3 42.5
55 20.2 17.7 26.5
61 19.5 13.7 20.5





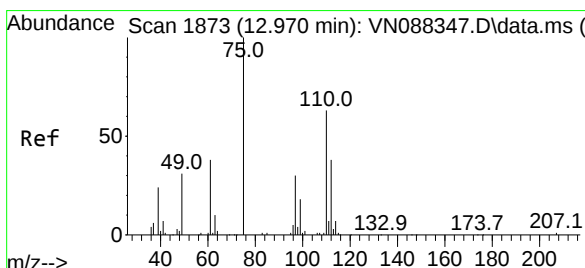
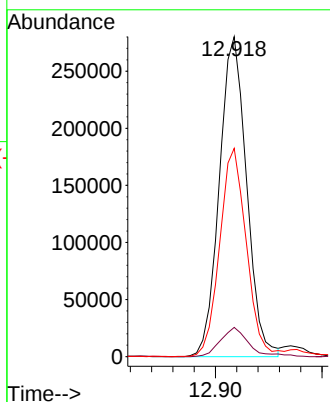
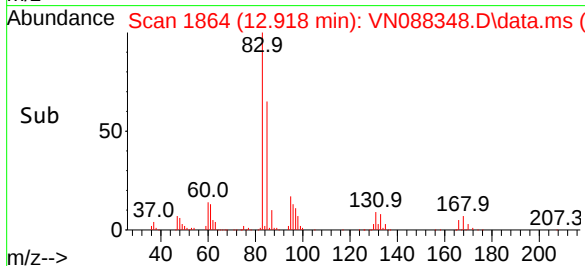
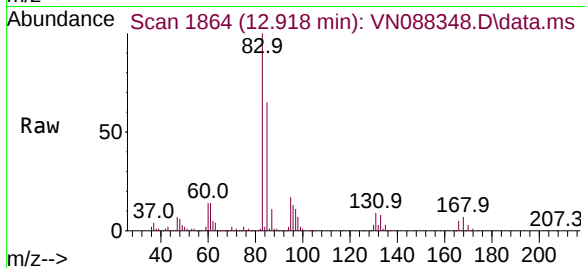
#75
1,1,2,2-Tetrachloroethane
Concen: 92.311 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 49800
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.0 32.1 96.5

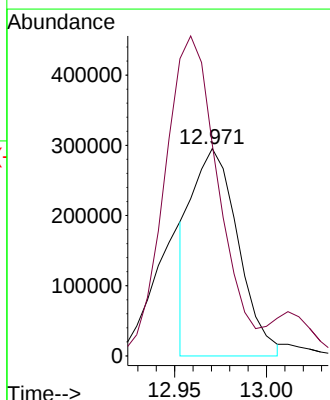
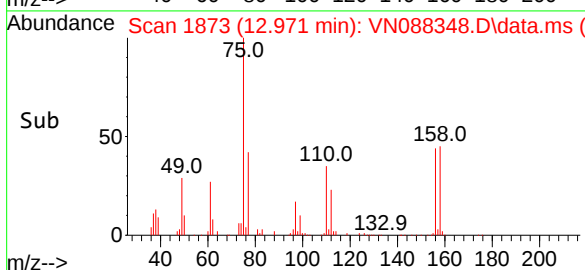
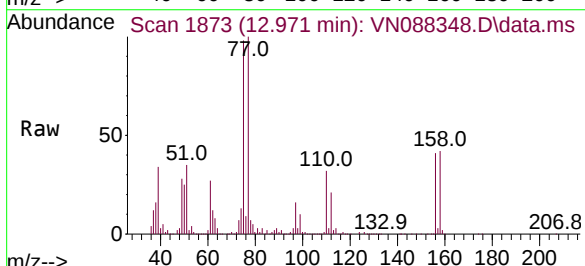
Manual Integrations
APPROVED

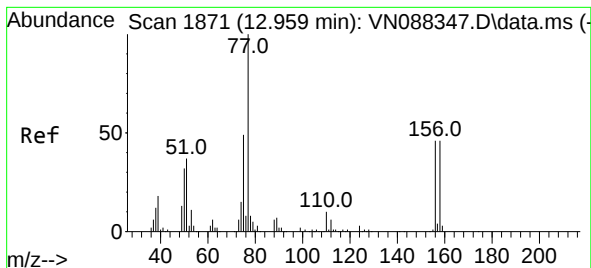
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#76
1,2,3-Trichloropropane
Concen: 99.018 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Tgt Ion: 75 Resp: 516579
Ion Ratio Lower Upper
75 100
77 179.4 87.2 261.6





#77

Bromobenzene

Concen: 100.455 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

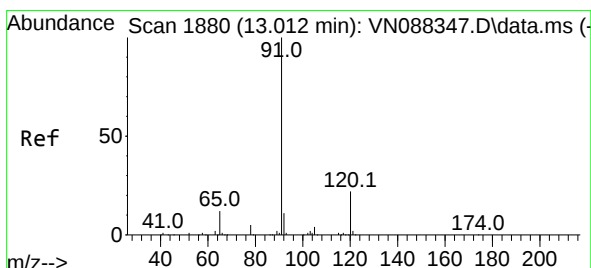
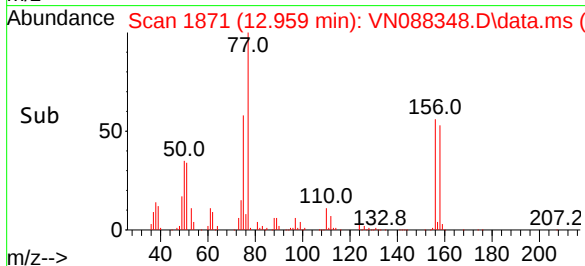
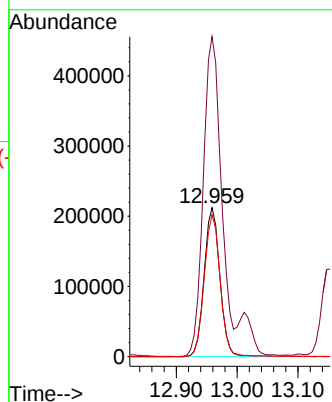
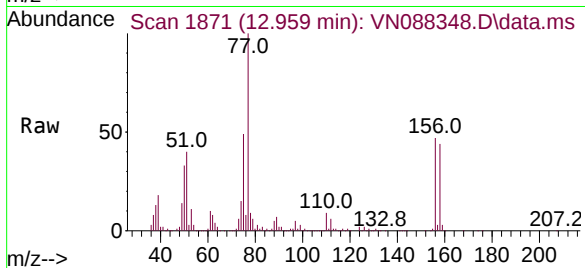
Tgt Ion:156 Resp: 379553
 Ion Ratio Lower Upper
 156 100
 77 244.1 121.6 364.7
 158 96.4 48.6 145.8

Manual Integrations

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Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#78

n-propylbenzene

Concen: 102.898 ug/l

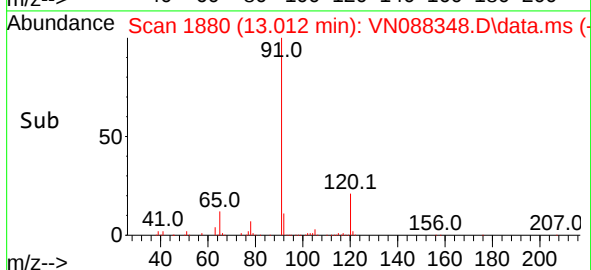
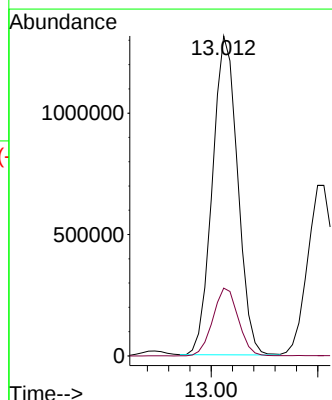
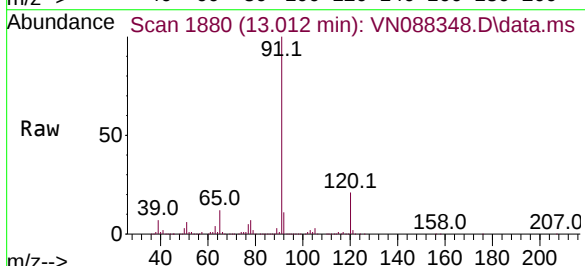
RT: 13.012 min Scan# 1880

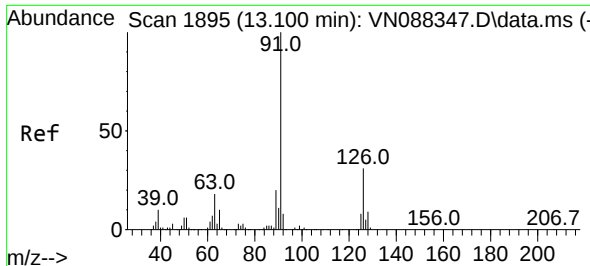
Delta R.T. 0.000 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14

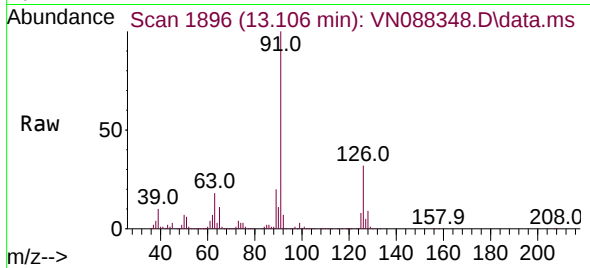
Tgt Ion: 91 Resp: 2164268
 Ion Ratio Lower Upper
 91 100
 120 21.4 10.9 32.6





#79
2-Chlorotoluene
Concen: 102.723 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

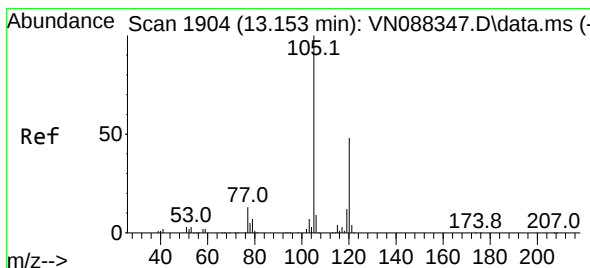
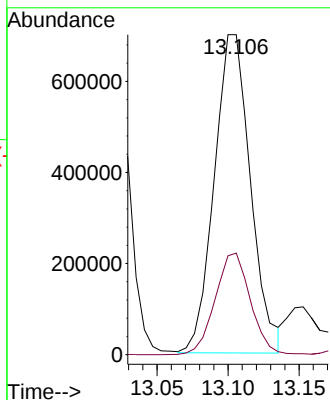
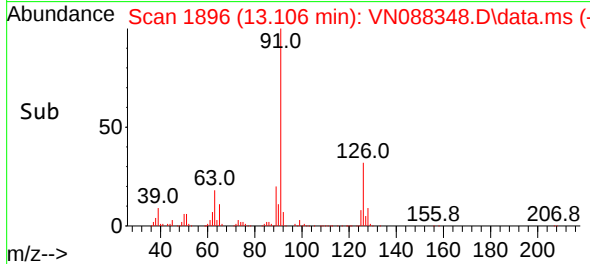
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 1244218
Ion Ratio Lower Upper
91 100
126 30.9 15.3 45.9

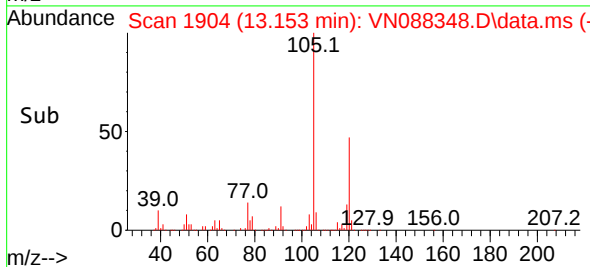
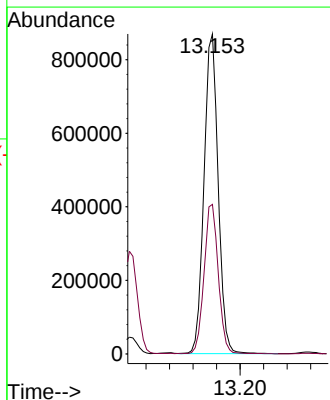
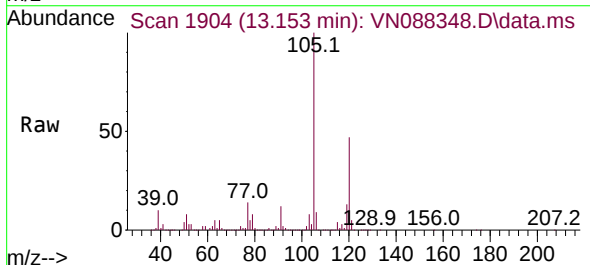
Manual Integrations
APPROVED

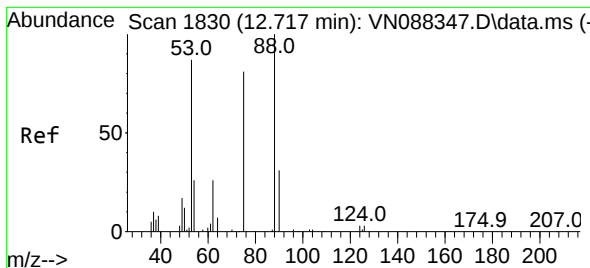
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 101.248 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Tgt Ion:105 Resp: 1451677
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.5





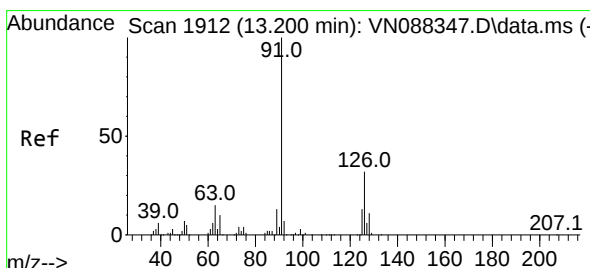
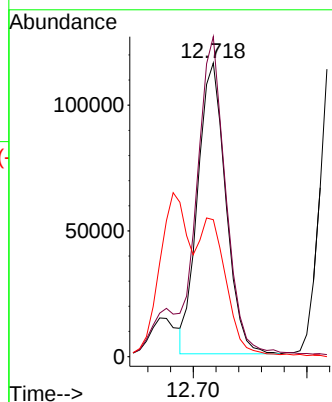
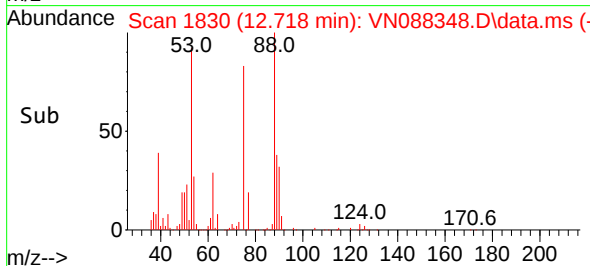
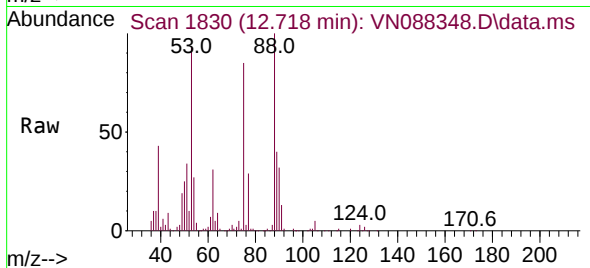
#81
trans-1,4-Dichloro-2-butene
Concen: 104.496 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 198381
Ion Ratio Lower Upper
75 100
53 128.8 92.2 138.4
89 0.0 0.0 0.0

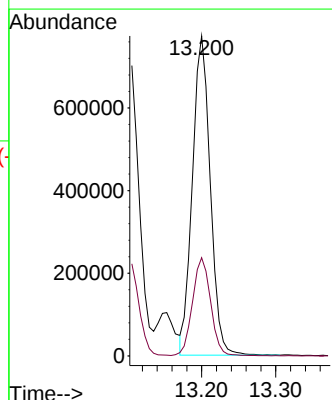
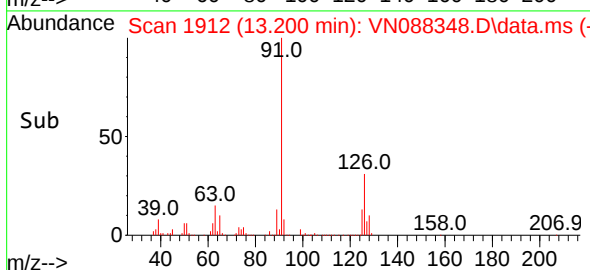
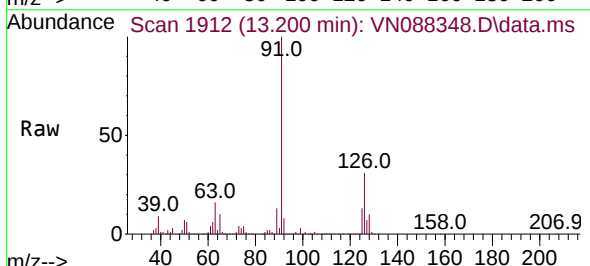
Manual Integrations
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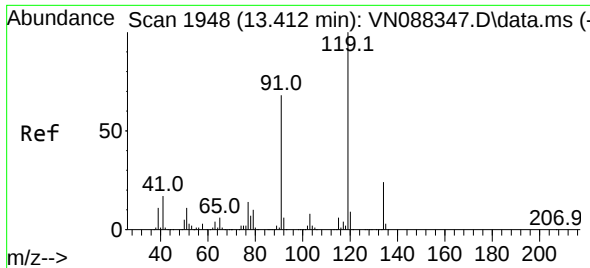
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#82
4-Chlorotoluene
Concen: 98.511 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

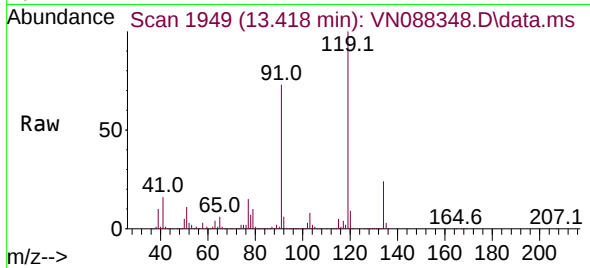
Tgt Ion: 91 Resp: 1292288
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.7





#83
tert-Butylbenzene
Concen: 97.579 ug/l
RT: 13.418 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

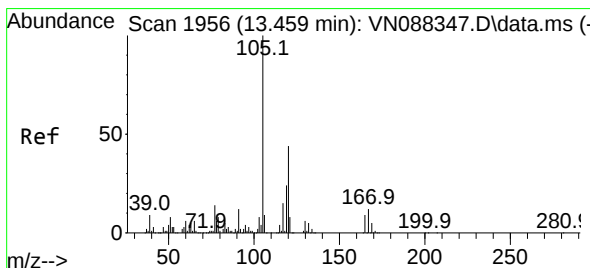
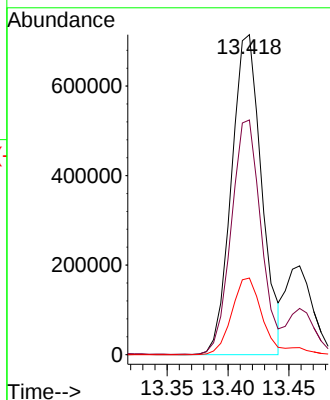
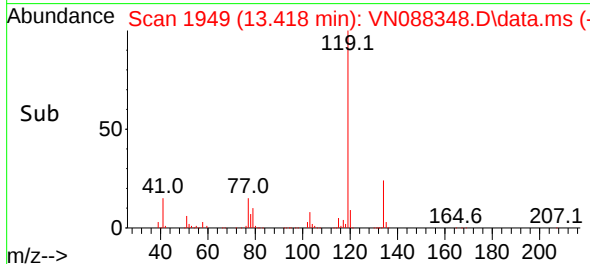
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



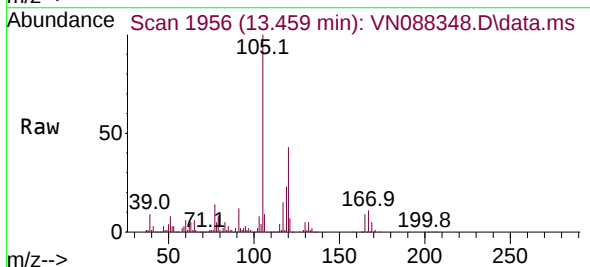
Tgt Ion:119 Resp: 1236180
Ion Ratio Lower Upper
119 100
91 71.5 35.1 105.3
134 25.2 12.8 38.4

Manual Integrations
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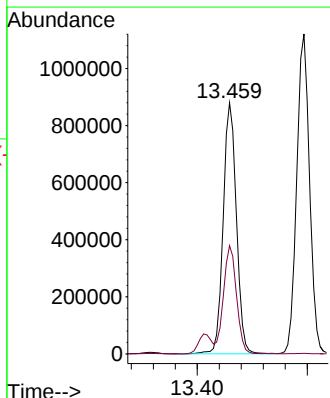
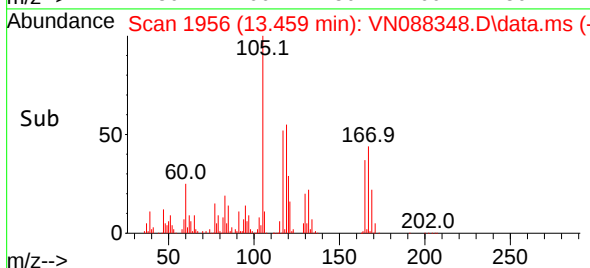
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

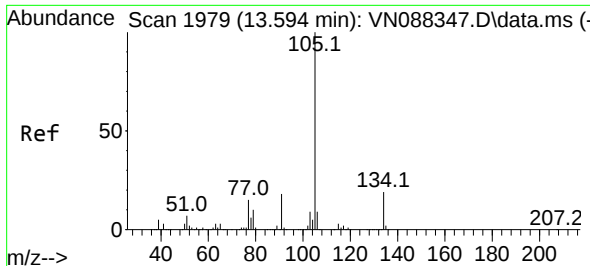


#84
1,2,4-Trimethylbenzene
Concen: 102.168 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14



Tgt Ion:105 Resp: 1467849
Ion Ratio Lower Upper
105 100
120 42.7 22.1 66.1





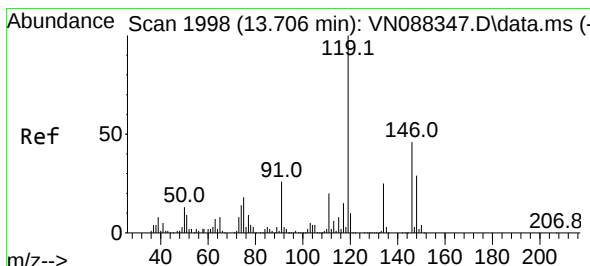
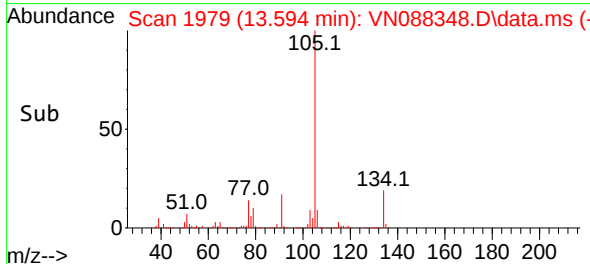
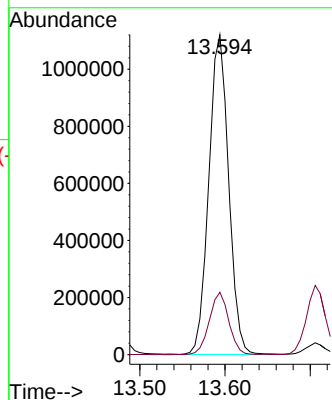
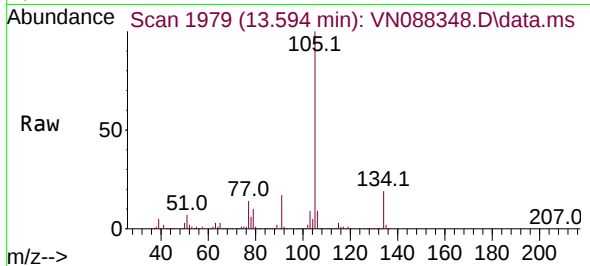
#85
 sec-Butylbenzene
 Concen: 97.599 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088348.D
 Acq: 24 Nov 2025 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 1809286
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.5 28.5

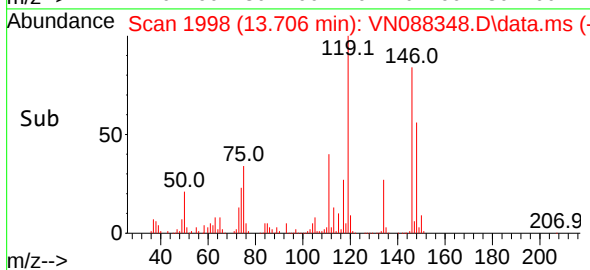
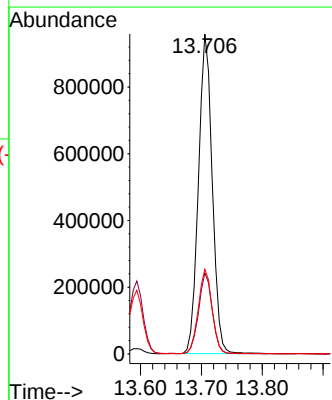
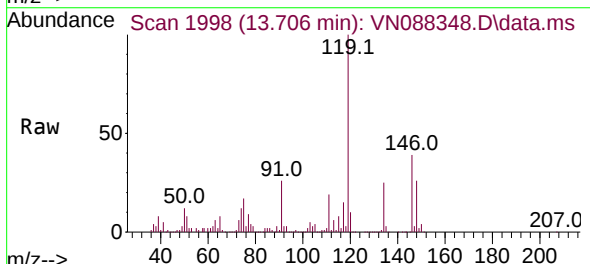
Manual Integrations
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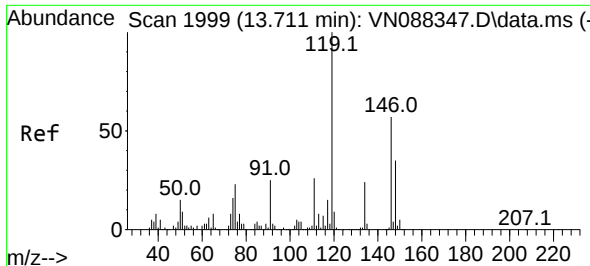
Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025



#86
 p-Isopropyltoluene
 Concen: 100.961 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088348.D
 Acq: 24 Nov 2025 14:14

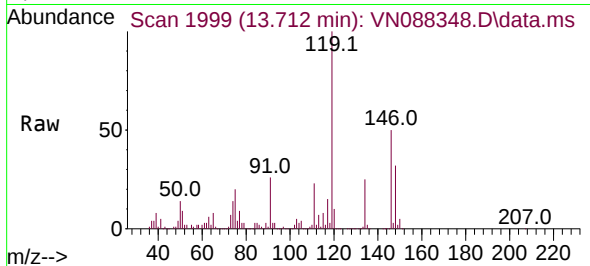
Tgt Ion:119 Resp: 1507703
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.2 36.6
 91 26.4 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 98.718 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

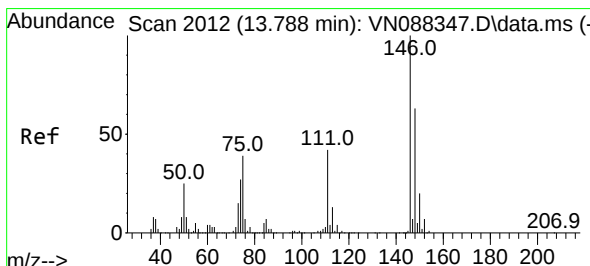
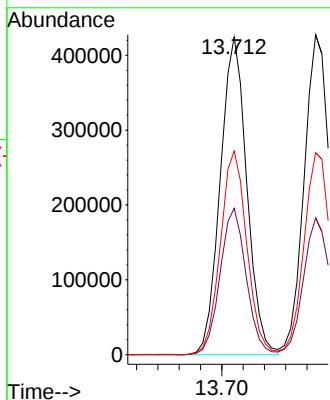
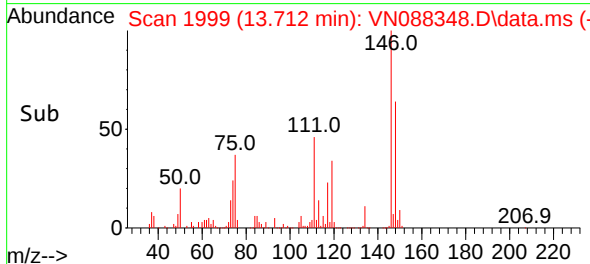
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



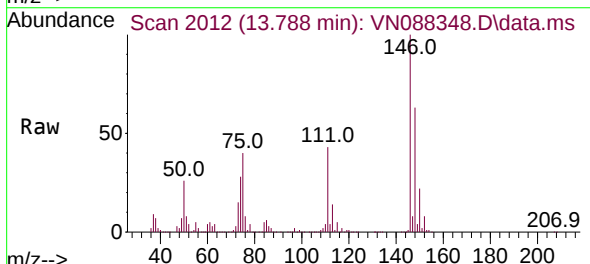
Tgt Ion:146 Resp: 73564
Ion Ratio Lower Upper
146 100
111 45.3 22.4 67.0
148 63.9 31.6 94.8

Manual Integrations
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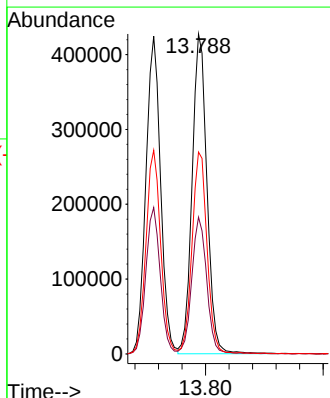
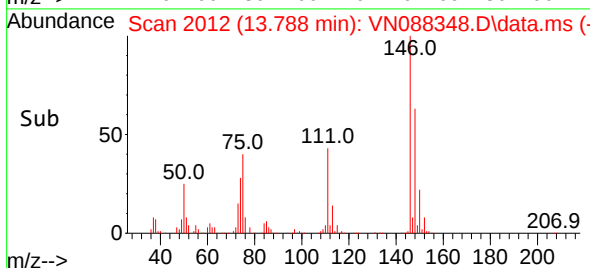
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

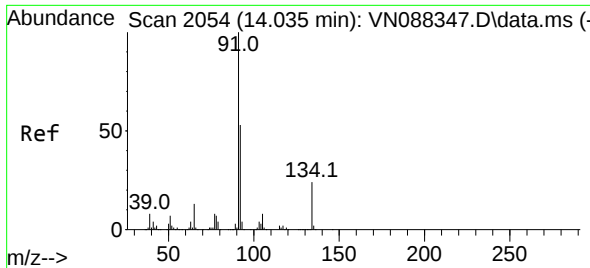


#88
1,4-Dichlorobenzene
Concen: 92.975 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14



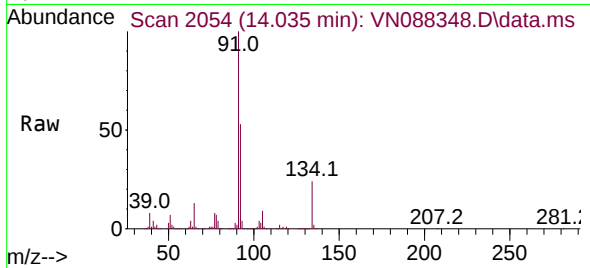
Tgt Ion:146 Resp: 746880
Ion Ratio Lower Upper
146 100
111 43.0 21.6 64.6
148 63.0 31.0 93.0





#89
n-Butylbenzene
Concen: 100.761 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

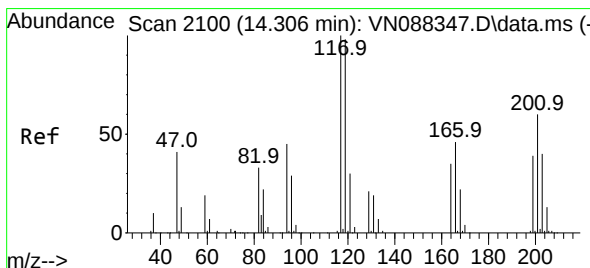
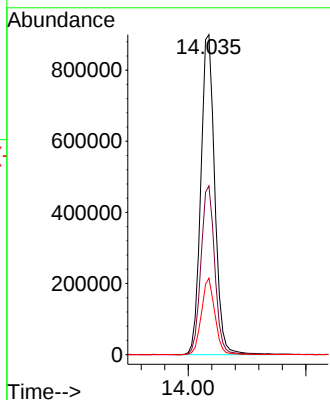
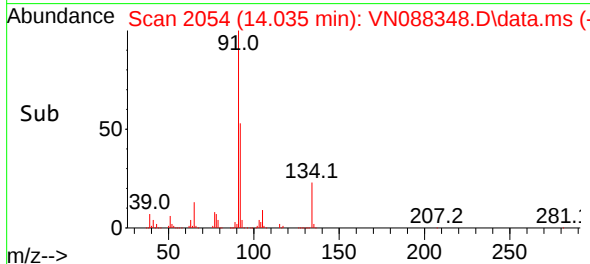
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 1480732
Ion Ratio Lower Upper
91 100
92 52.6 26.1 78.3
134 23.1 11.7 35.1

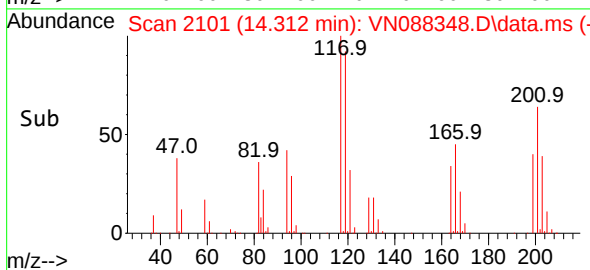
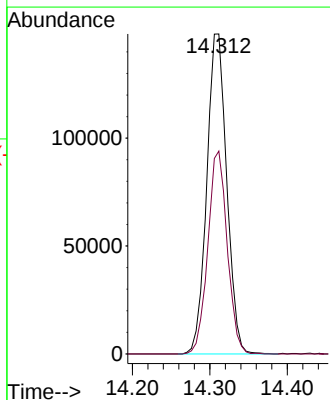
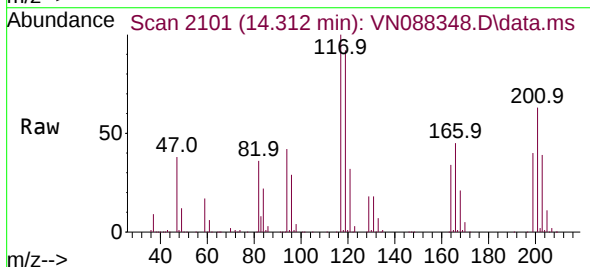
Manual Integrations
APPROVED

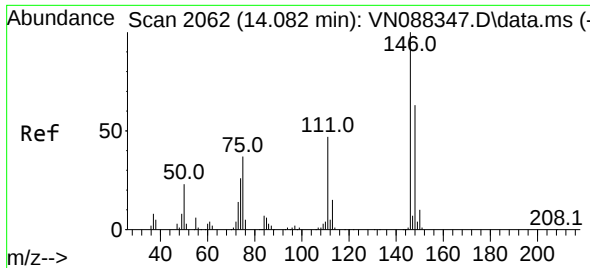
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#90
Hexachloroethane
Concen: 92.554 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Tgt Ion:117 Resp: 265251
Ion Ratio Lower Upper
117 100
201 61.5 30.3 90.9





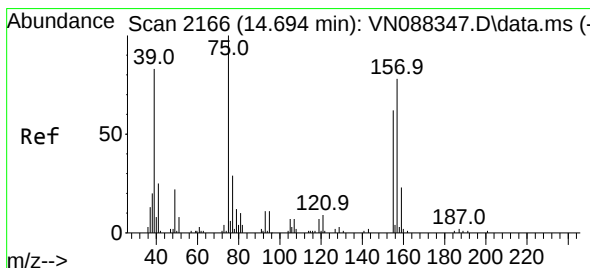
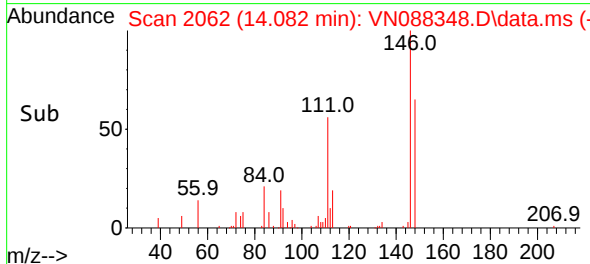
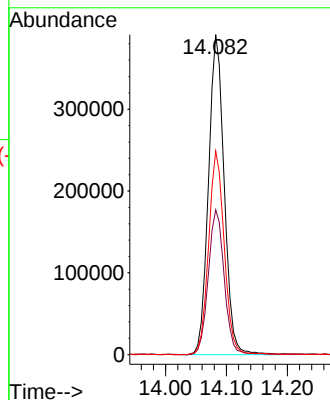
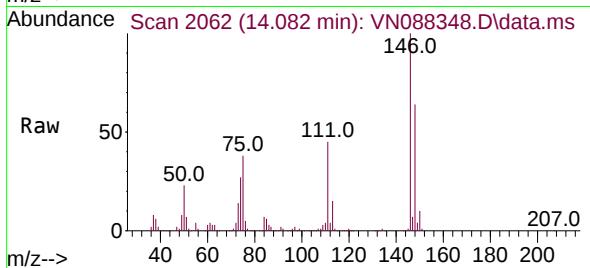
#91
1,2-Dichlorobenzene
Concen: 97.354 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 700211
Ion Ratio Lower Upper
146 100
111 46.0 23.3 69.9
148 63.3 31.8 95.4

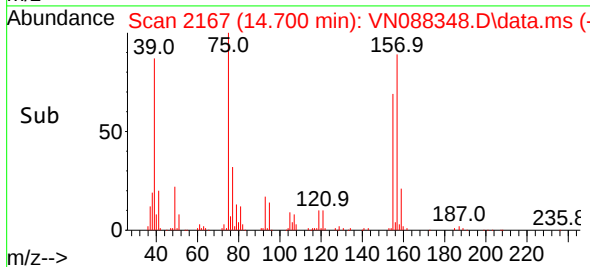
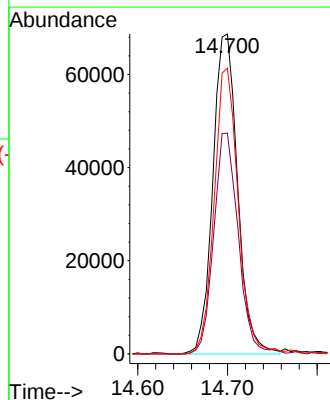
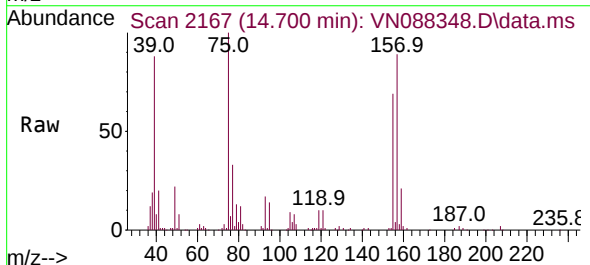
Manual Integrations
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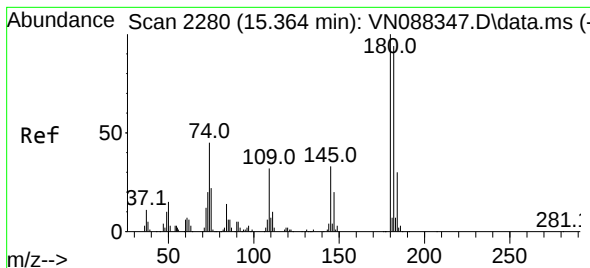
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 102.833 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

Tgt Ion: 75 Resp: 131734
Ion Ratio Lower Upper
75 100
155 68.4 33.7 101.1
157 86.7 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 96.834 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088348.D

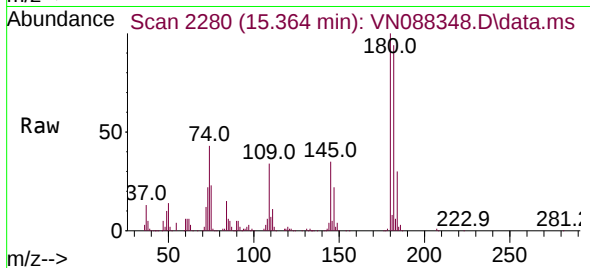
Acq: 24 Nov 2025 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion:180 Resp: 41934

Ion Ratio Lower Upper

180 100

182 95.1 46.1 138.2

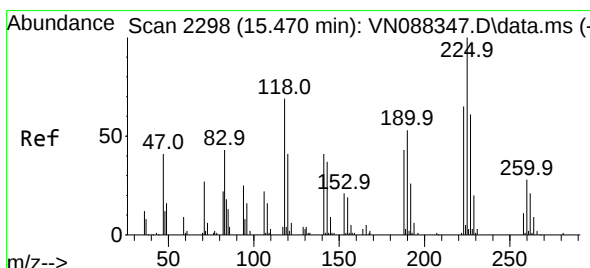
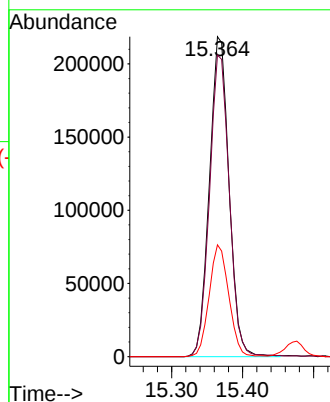
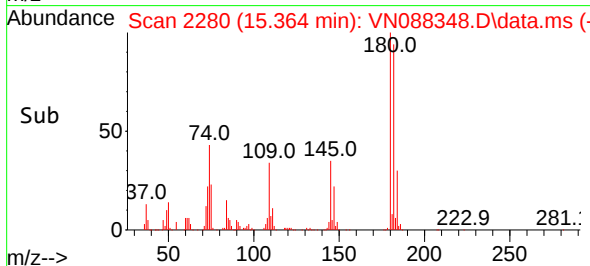
145 35.0 16.7 50.1

Manual Integrations

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Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#94

Hexachlorobutadiene

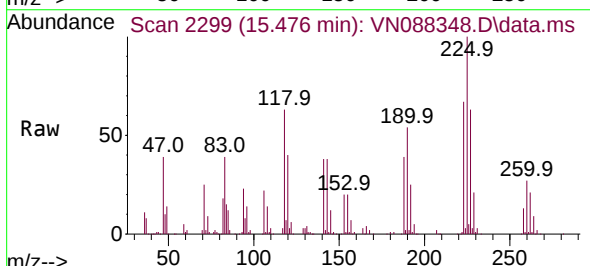
Concen: 97.909 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN088348.D

Acq: 24 Nov 2025 14:14



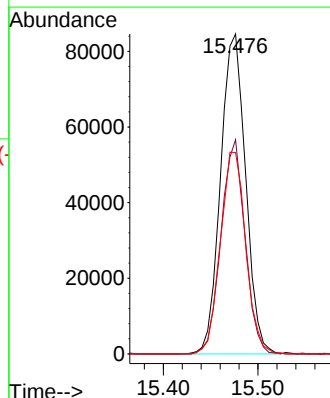
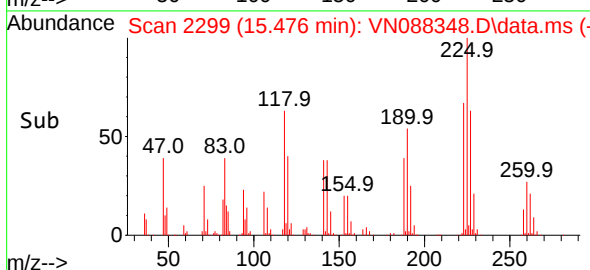
Tgt Ion:225 Resp: 155408

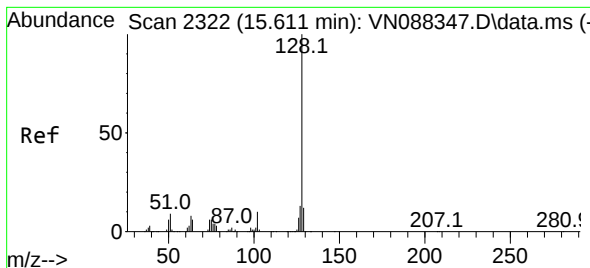
Ion Ratio Lower Upper

225 100

223 63.9 32.3 96.8

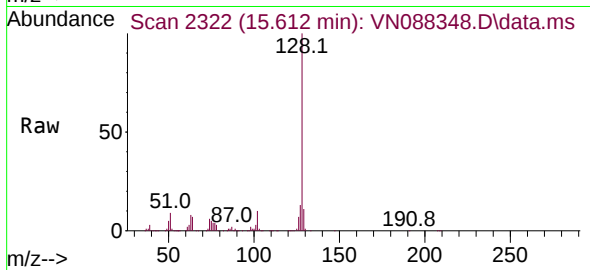
227 63.8 29.9 89.8





#95
Naphthalene
Concen: 102.050 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14

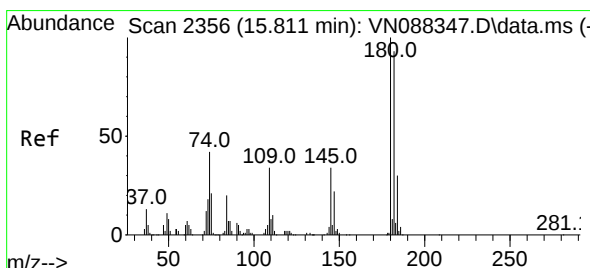
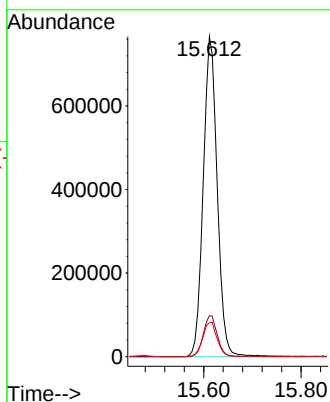
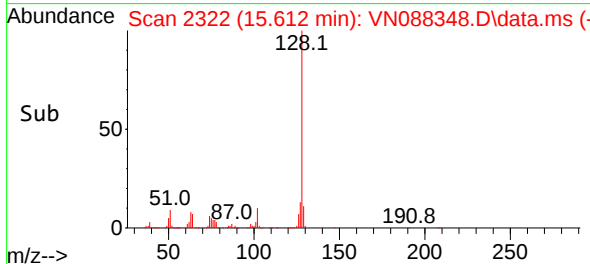
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



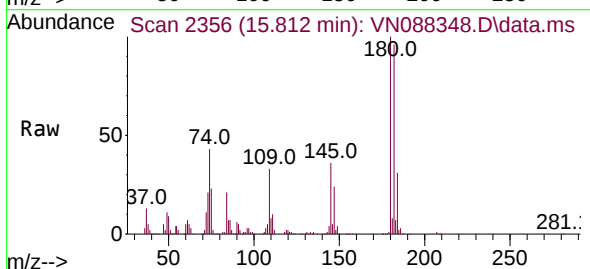
Tgt Ion:128 Resp: 1528952
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 97.651 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088348.D
Acq: 24 Nov 2025 14:14



Tgt Ion:180 Resp: 408194
Ion Ratio Lower Upper
180 100
182 93.4 45.9 137.7
145 36.3 17.8 53.4

