

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
 Data File : VN088243.D
 Acq On : 11 Nov 2025 10:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2025
 Supervised By : Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 01:09:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	276463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	517262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	461592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	234086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	266959	55.842	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.680%			
35) Dibromofluoromethane	8.147	113	182018	52.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.760%			
50) Toluene-d8	10.541	98	658467	49.177	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.360%			
62) 4-Bromofluorobenzene	12.829	95	246395	52.106	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	143480	46.009	ug/l	99
3) Chloromethane	2.383	50	174270	47.501	ug/l	98
4) Vinyl Chloride	2.536	62	189836	47.490	ug/l	99
5) Bromomethane	2.965	94	116223	48.609	ug/l	95
6) Chloroethane	3.136	64	126869	44.050	ug/l	100
7) Trichlorofluoromethane	3.506	101	285535	44.785	ug/l	96
8) Diethyl Ether	3.959	74	127078	53.628	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	159775	48.564	ug/l	99
10) Methyl Iodide	4.583	142	169513	56.379	ug/l	98
11) Tert butyl alcohol	5.518	59	221563	269.019	ug/l	98
12) 1,1-Dichloroethene	4.336	96	152859	43.990	ug/l	96
13) Acrolein	4.171	56	348506	376.193	ug/l	99
14) Allyl chloride	5.012	41	311832	51.199	ug/l	98
15) Acrylonitrile	5.700	53	647027	288.408	ug/l	100
16) Acetone	4.418	43	695354	289.524	ug/l	98
17) Carbon Disulfide	4.700	76	463939	43.921	ug/l	98
18) Methyl Acetate	5.012	43	309900	63.027	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	727883	57.039	ug/l	97
20) Methylene Chloride	5.265	84	206550	51.233	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	183481	48.105	ug/l	95
22) Diisopropyl ether	6.653	45	736750	57.519	ug/l	97
23) Vinyl Acetate	6.588	43	3364146	291.572	ug/l	99
24) 1,1-Dichloroethane	6.547	63	385661	54.355	ug/l	98
25) 2-Butanone	7.465	43	929871	293.788	ug/l	99
26) 2,2-Dichloropropane	7.471	77	327382	50.774	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	229732	52.320	ug/l	94
28) Bromochloromethane	7.794	49	179085	53.418	ug/l	97
29) Tetrahydrofuran	7.824	42	569726	276.202	ug/l	100
30) Chloroform	7.947	83	396121	55.884	ug/l	99
31) Cyclohexane	8.235	56	311856	46.602	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	327493	51.874	ug/l	99
36) 1,1-Dichloropropene	8.353	75	260935	51.427	ug/l	99
37) Ethyl Acetate	7.541	43	368457	56.272	ug/l	98
38) Carbon Tetrachloride	8.341	117	275406	52.554	ug/l	94
39) Methylcyclohexane	9.576	83	288396	44.220	ug/l	98
40) Benzene	8.582	78	803743	52.014	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	196981	57.159	ug/l	99
42) 1,2-Dichloroethane	8.653	62	326765	59.515	ug/l	98
43) Isopropyl Acetate	8.671	43	590285	58.668	ug/l	100
44) Trichloroethene	9.329	130	178386	49.390	ug/l	100
45) 1,2-Dichloropropane	9.600	63	214956	55.102	ug/l	98
46) Dibromomethane	9.688	93	160153	57.562	ug/l	99
47) Bromodichloromethane	9.865	83	321946	57.796	ug/l	99
48) Methyl methacrylate	9.659	41	276767	59.582	ug/l	99
49) 1,4-Dioxane	9.676	88	61191	1059.148	ug/l #	91
51) 4-Methyl-2-Pentanone	10.423	43	1800946	302.568	ug/l	99
52) Toluene	10.606	92	499257	52.404	ug/l	97
53) t-1,3-Dichloropropene	10.812	75	346186	58.392	ug/l	97
54) cis-1,3-Dichloropropene	10.288	75	358984	57.062	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	195562	54.106	ug/l	97
56) Ethyl methacrylate	10.853	69	340981	59.613	ug/l	97
57) 1,3-Dichloropropane	11.141	76	360609	56.761	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.135	63	1082733	363.915	ug/l	99
59) 2-Hexanone	11.176	43	1258390	318.697	ug/l	100
60) Dibromochloromethane	11.335	129	230964	56.220	ug/l	100
61) 1,2-Dibromoethane	11.447	107	204479	54.970	ug/l	99
64) Tetrachloroethene	11.082	164	151261	49.679	ug/l	94
65) Chlorobenzene	11.870	112	550454	52.518	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	190650	55.520	ug/l	98
67) Ethyl Benzene	11.941	91	954021	51.855	ug/l	98
68) m/p-Xylenes	12.047	106	712195	103.316	ug/l	100
69) o-Xylene	12.376	106	350258	53.600	ug/l	99
70) Styrene	12.388	104	594258	55.767	ug/l	98
71) Bromoform	12.559	173	148230	57.843	ug/l #	99
73) Isopropylbenzene	12.670	105	902431	49.984	ug/l	99
74) N-amyl acetate	12.500	43	233935	45.644	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.917	83	300933	53.538	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	245817m	45.931	ug/l	
77) Bromobenzene	12.959	156	211507	54.327	ug/l	98
78) n-propylbenzene	13.011	91	1092558	49.588	ug/l	100
79) 2-Chlorotoluene	13.100	91	670782	53.386	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	761095	50.759	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	105423	54.949	ug/l	88
82) 4-Chlorotoluene	13.200	91	693891	51.044	ug/l	100
83) tert-Butylbenzene	13.411	119	652236	48.695	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	792222	52.808	ug/l	98
85) sec-Butylbenzene	13.594	105	943089	47.923	ug/l	99
86) p-Isopropyltoluene	13.706	119	787019	49.853	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	407005	52.368	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	412687	49.438	ug/l	97
89) n-Butylbenzene	14.029	91	757820	48.462	ug/l	99
90) Hexachloroethane	14.306	117	147565	48.269	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	388317	51.832	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	72477	55.398	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	230760	50.859	ug/l	98
94) Hexachlorobutadiene	15.476	225	81330	48.135	ug/l	96
95) Naphthalene	15.611	128	805605	51.830	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	217932	50.094	ug/l	98

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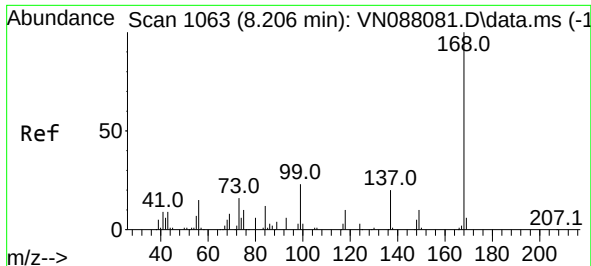
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

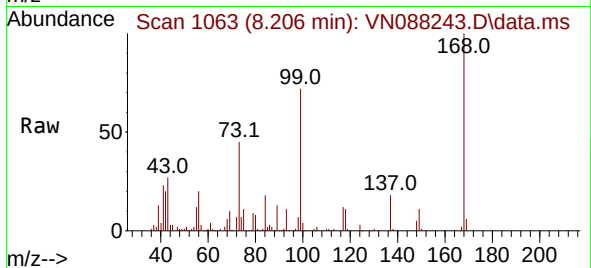
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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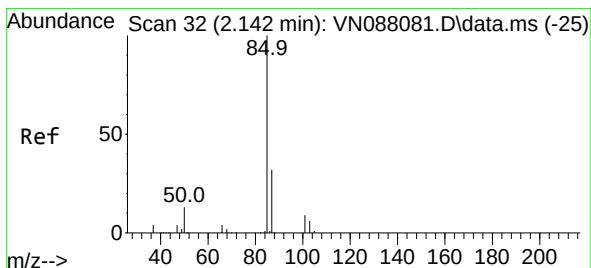
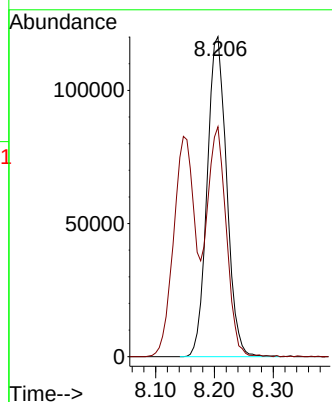
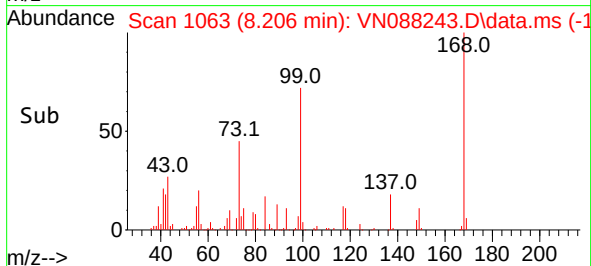
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



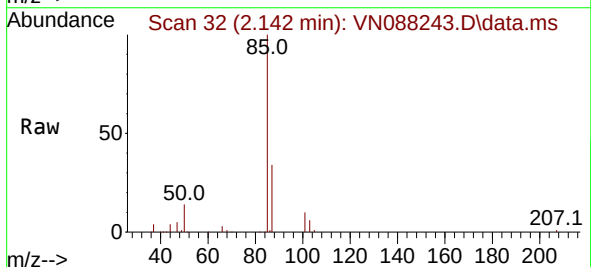
Tgt Ion:168 Resp: 276463
Ion Ratio Lower Upper
168 100
99 71.9 57.2 85.8

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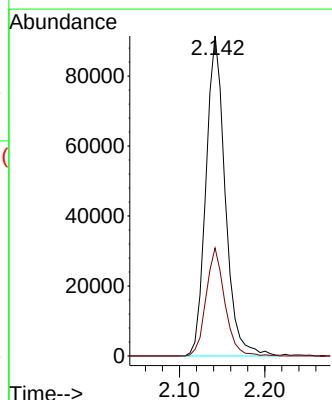
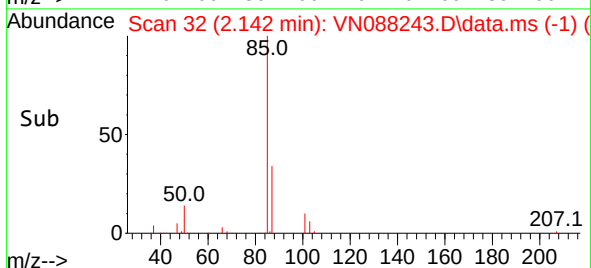
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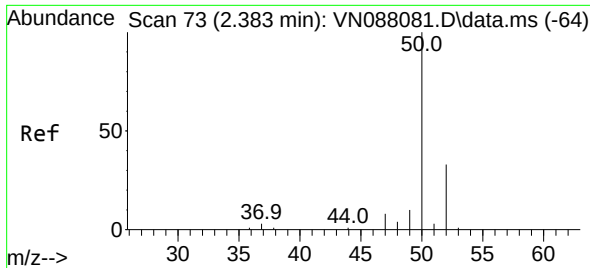


#2
Dichlorodifluoromethane
Concen: 46.009 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06



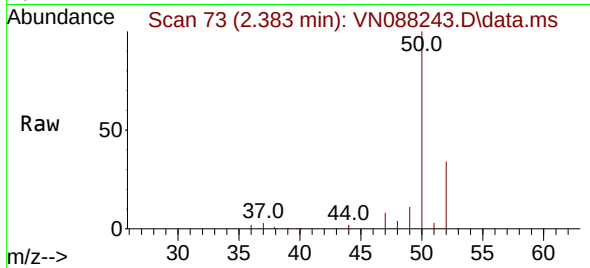
Tgt Ion: 85 Resp: 143480
Ion Ratio Lower Upper
85 100
87 33.7 16.6 49.8





#3
Chloromethane
Concen: 47.501 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

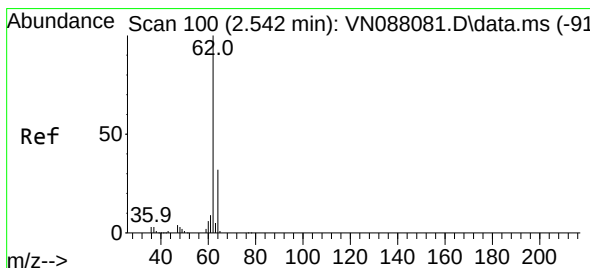
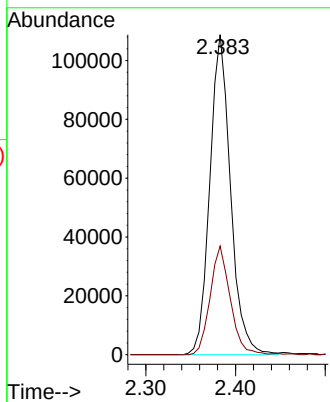
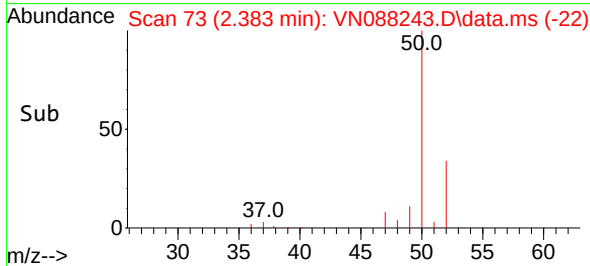
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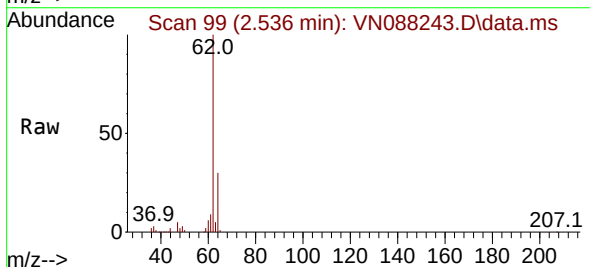
Tgt Ion: 50 Resp: 174270
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.4

Manual Integrations
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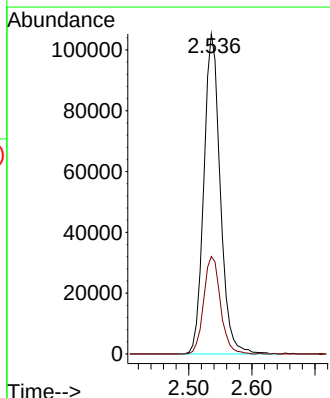
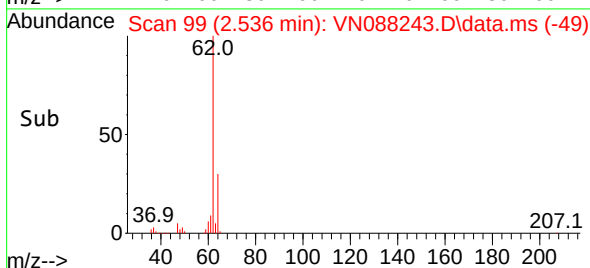
Reviewed By :John Carlone 11/12/2025
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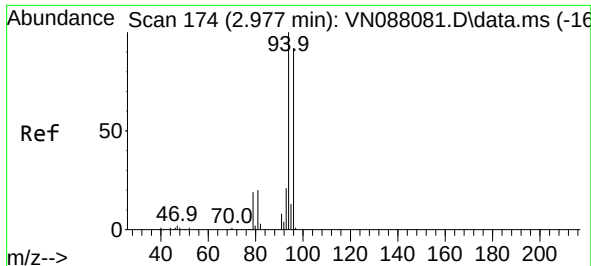


#4
Vinyl Chloride
Concen: 47.490 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06



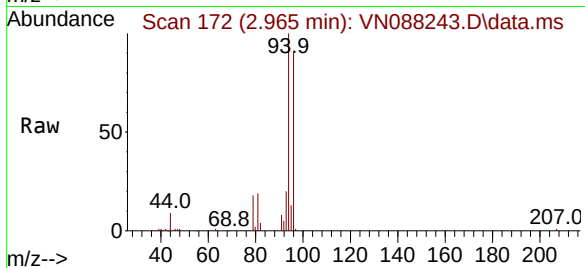
Tgt Ion: 62 Resp: 189836
Ion Ratio Lower Upper
62 100
64 30.4 24.6 37.0





#5
Bromomethane
Concen: 48.609 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

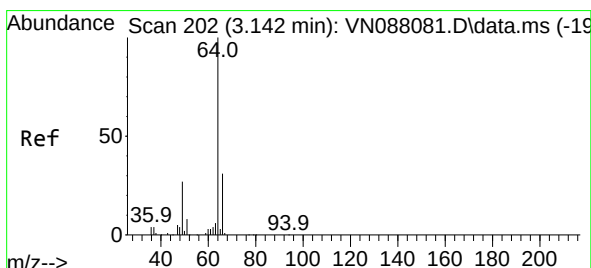
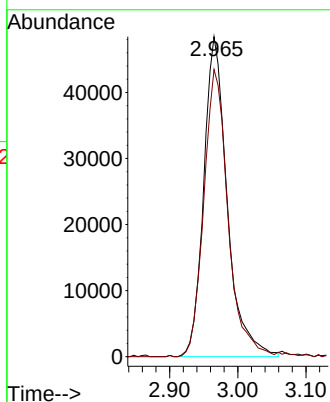
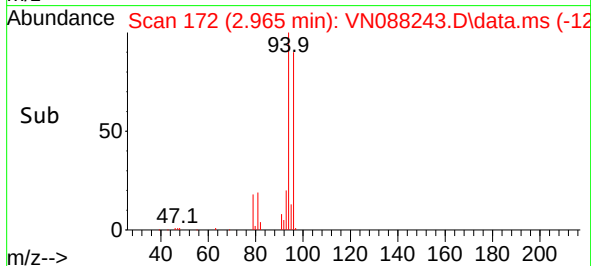
Instrument :
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Tgt Ion: 94 Resp: 11622
Ion Ratio Lower Upper
94 100
96 89.7 75.4 113.2

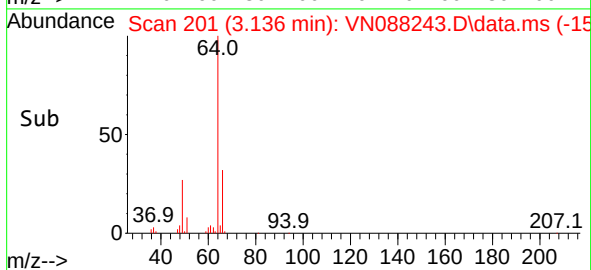
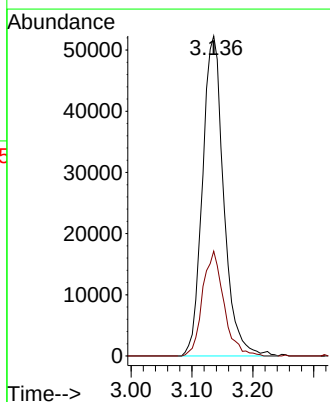
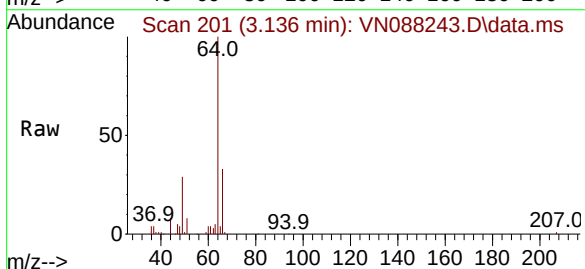
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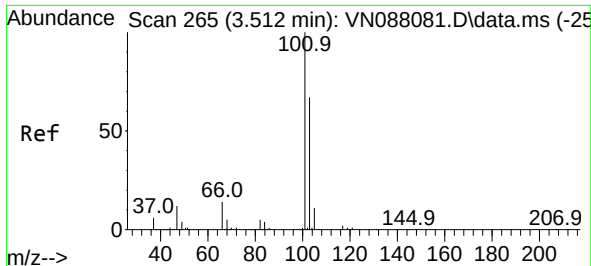
Reviewed By :John Carlone 11/12/2025
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#6
Chloroethane
Concen: 44.050 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN088243.D
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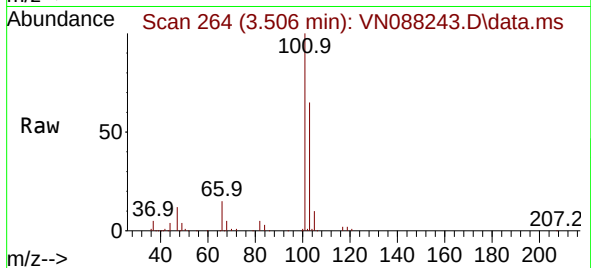
Tgt Ion: 64 Resp: 126869
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 44.785 ug/l
 RT: 3.506 min Scan# 265
 Delta R.T. -0.006 min
 Lab File: VN088243.D
 Acq: 11 Nov 2025 10:06

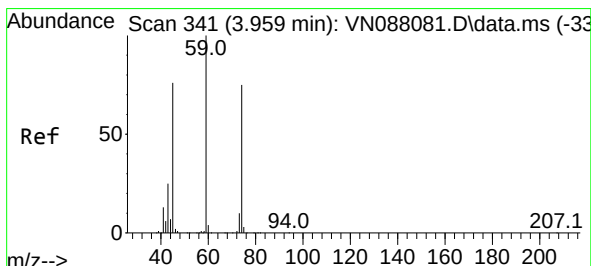
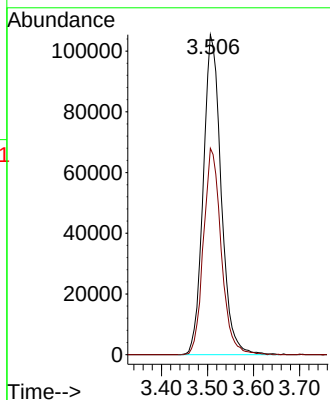
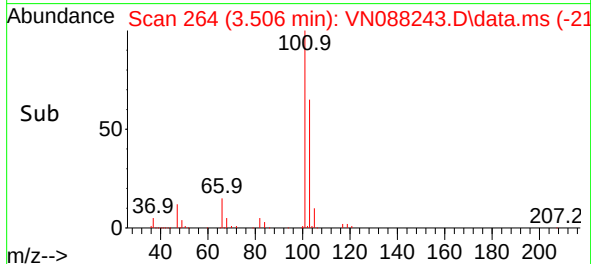
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 28553
 Ion Ratio Lower Upper
 101 100
 103 64.5 49.4 74.0

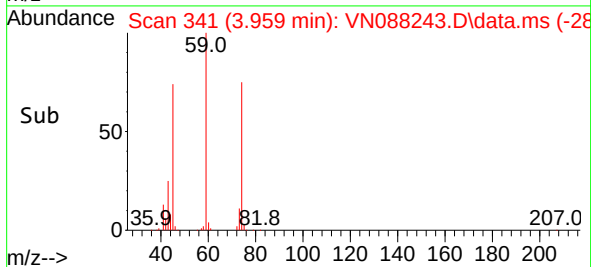
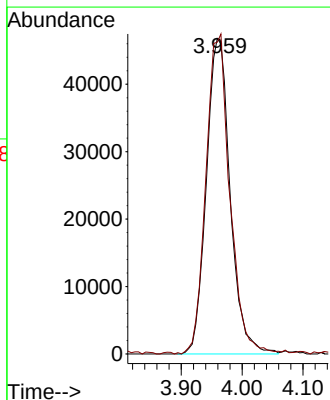
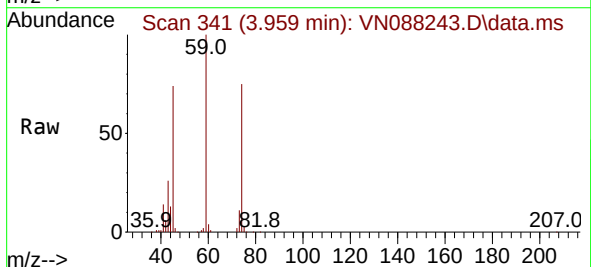
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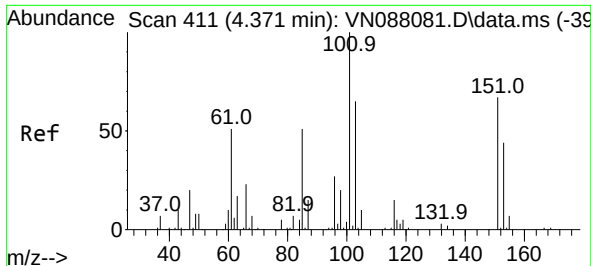
Reviewed By :John Carlone 11/12/2025
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#8
 Diethyl Ether
 Concen: 53.628 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 127078
 Ion Ratio Lower Upper
 74 100
 45 102.0 50.6 151.9





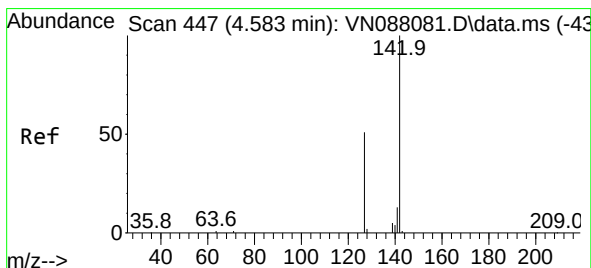
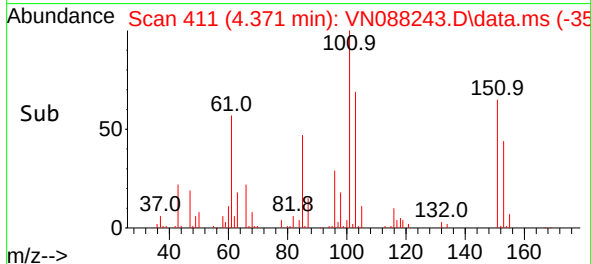
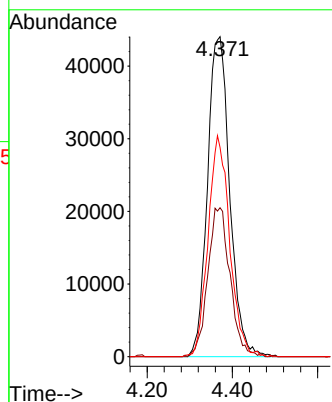
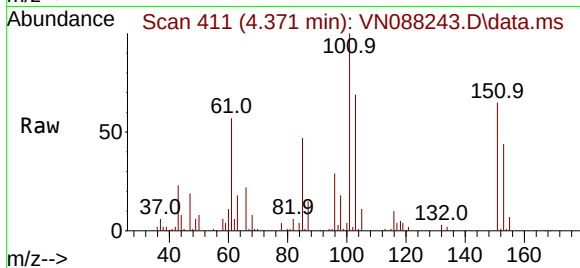
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.564 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 15977
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 67.2 54.7 82.1

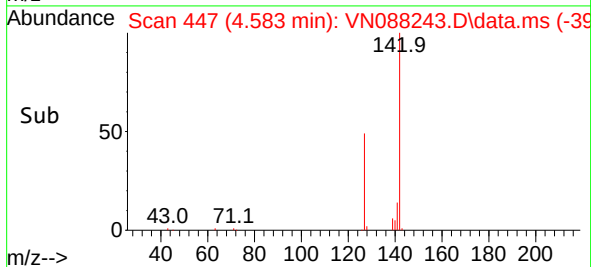
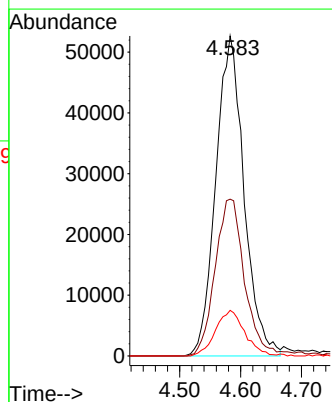
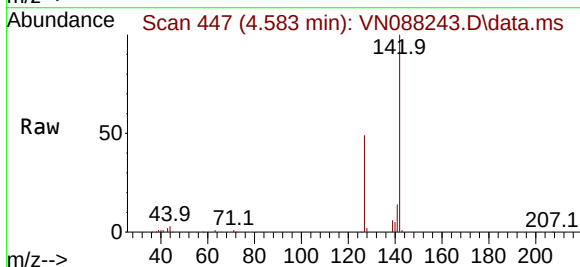
Manual Integrations
APPROVED

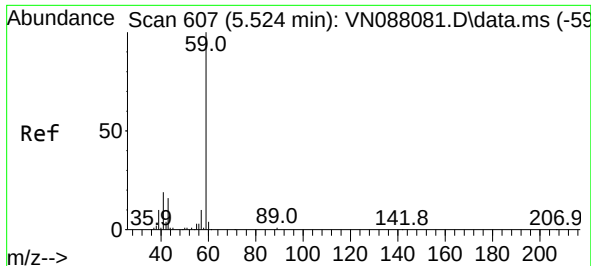
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Methyl Iodide
Concen: 56.379 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

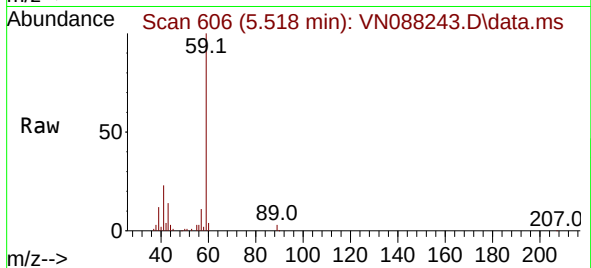
Tgt Ion:142 Resp: 169513
Ion Ratio Lower Upper
142 100
127 49.0 38.0 57.0
141 14.3 12.0 18.0





#11
Tert butyl alcohol
Concen: 269.019 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

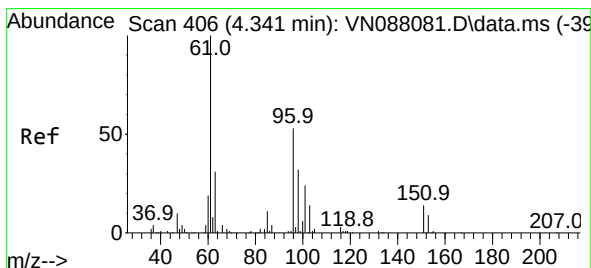
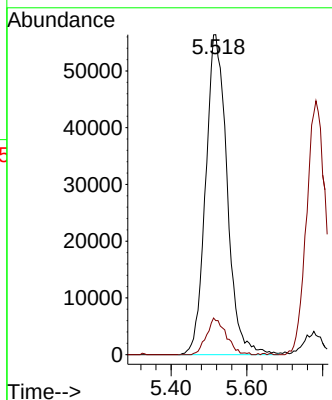
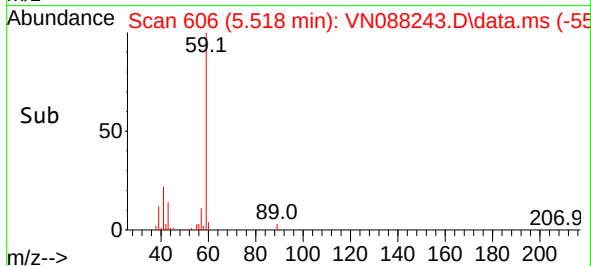
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



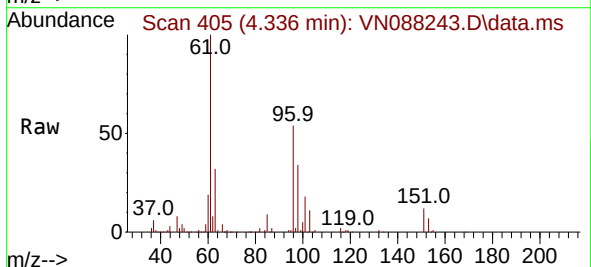
Tgt Ion: 59 Resp: 22156
Ion Ratio Lower Upper
59 100
57 10.4 9.0 13.4

Manual Integrations
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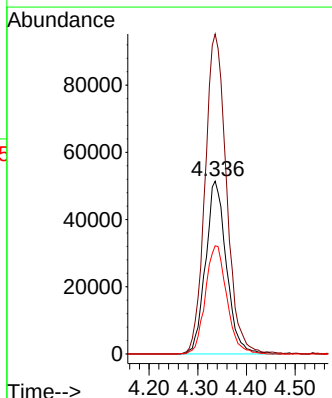
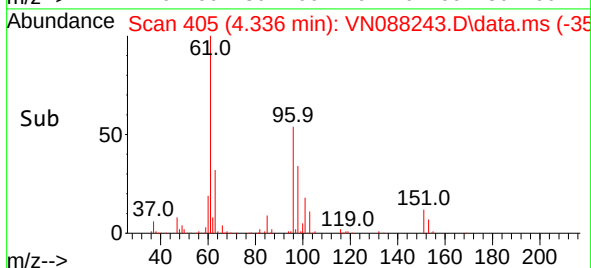
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

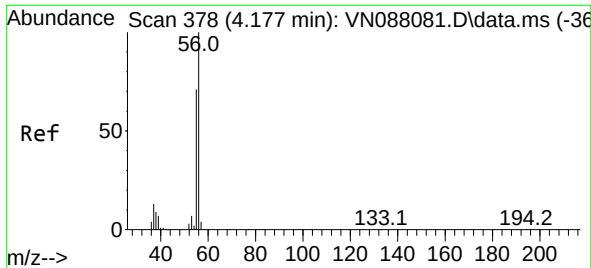


#12
1,1-Dichloroethene
Concen: 43.990 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06



Tgt Ion: 96 Resp: 152859
Ion Ratio Lower Upper
96 100
61 185.1 143.8 215.8
98 62.5 52.1 78.1





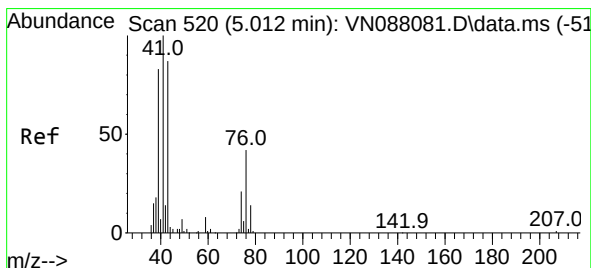
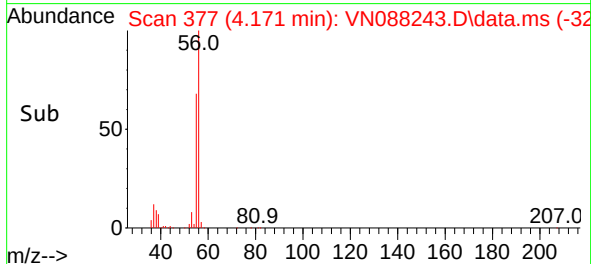
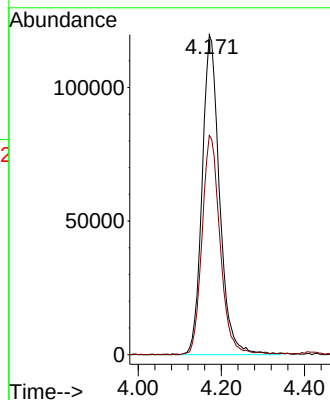
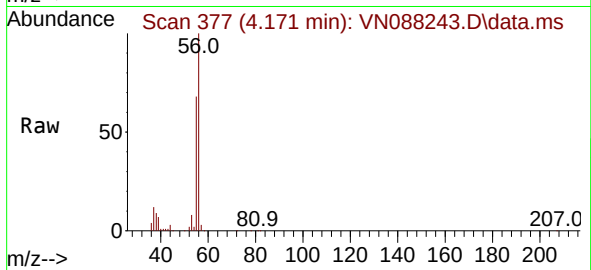
#13
Acrolein
Concen: 376.193 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 348500
Ion Ratio Lower Upper
56 100
55 70.6 57.3 85.9

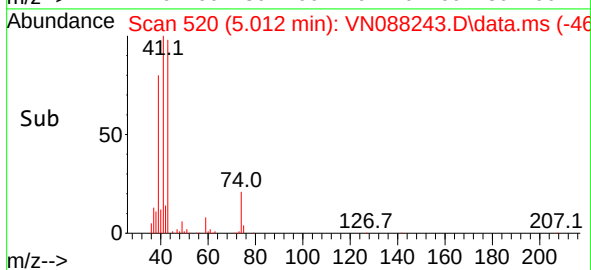
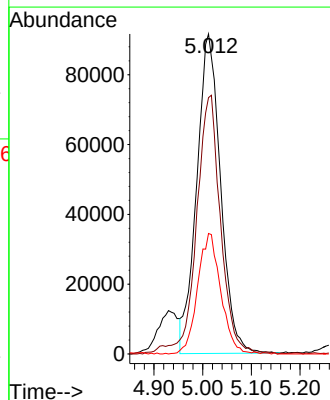
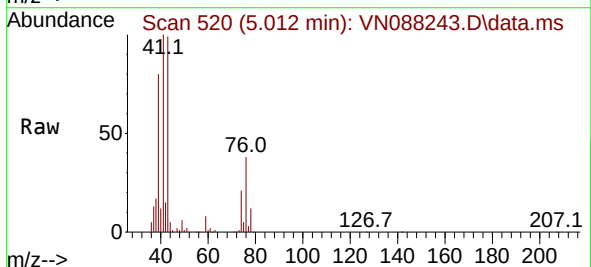
Manual Integrations
APPROVED

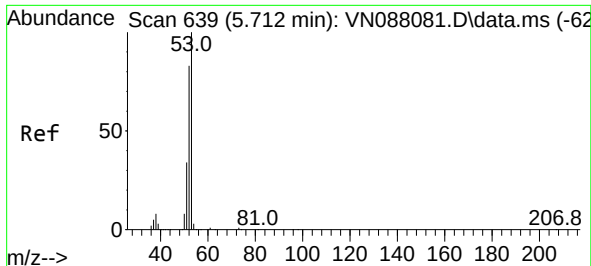
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#14
Allyl chloride
Concen: 51.199 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

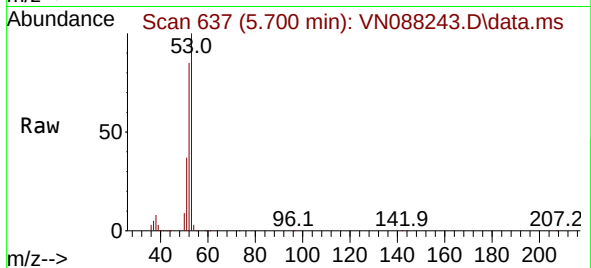
Tgt Ion: 41 Resp: 311832
Ion Ratio Lower Upper
41 100
39 81.7 63.9 95.9
76 36.6 28.1 42.1





#15
Acrylonitrile
Concen: 288.408 ug/l
RT: 5.700 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

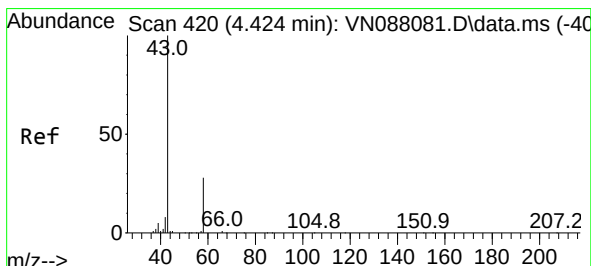
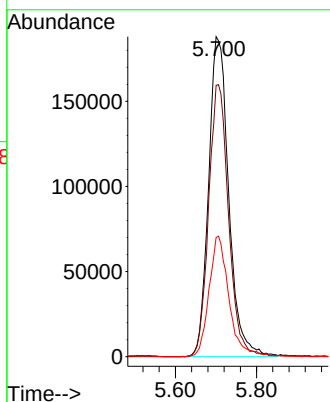
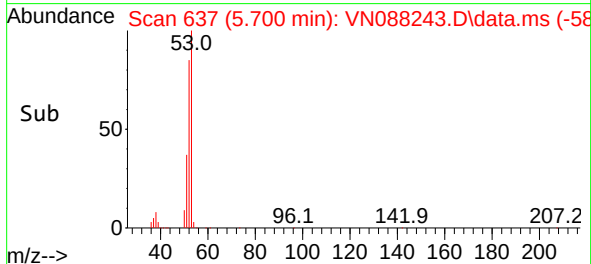
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 64702
Ion Ratio Lower Upper
53 100
52 84.1 67.6 101.4
51 37.4 30.1 45.1

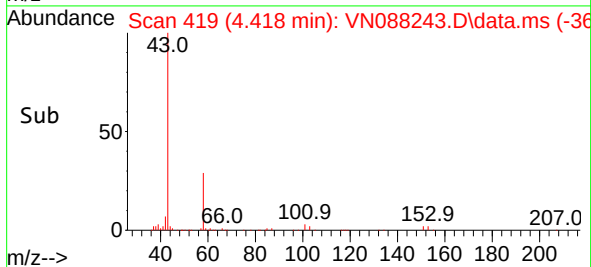
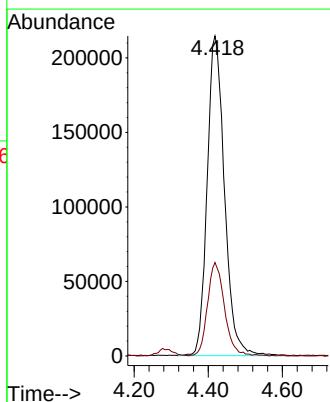
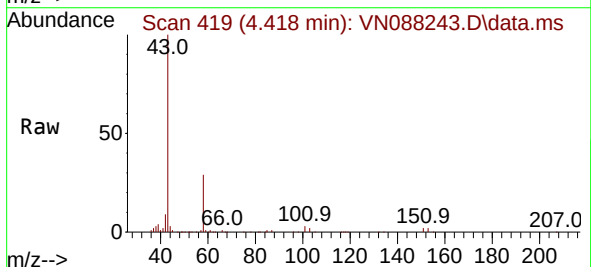
Manual Integrations
APPROVED

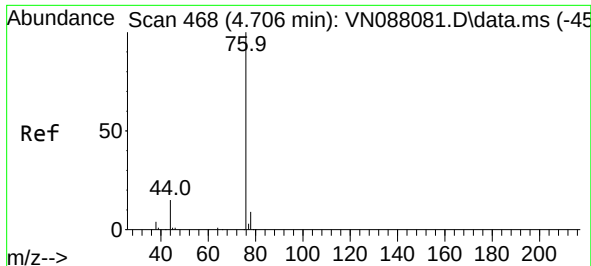
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
Acetone
Concen: 289.524 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Tgt Ion: 43 Resp: 695354
Ion Ratio Lower Upper
43 100
58 29.1 22.6 33.8





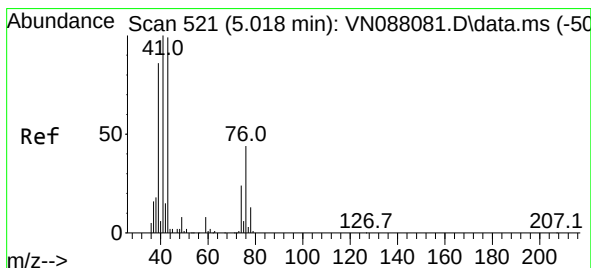
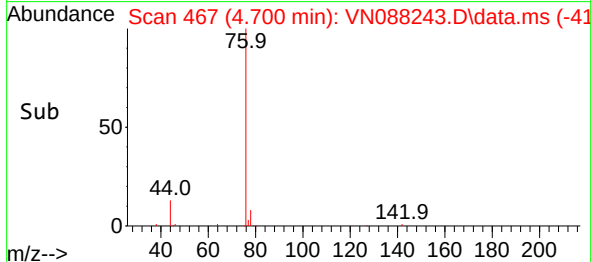
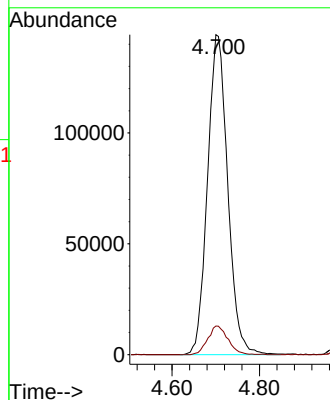
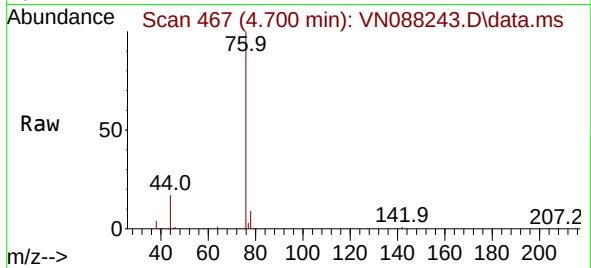
#17
Carbon Disulfide
Concen: 43.921 ug/l
RT: 4.700 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 463939
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

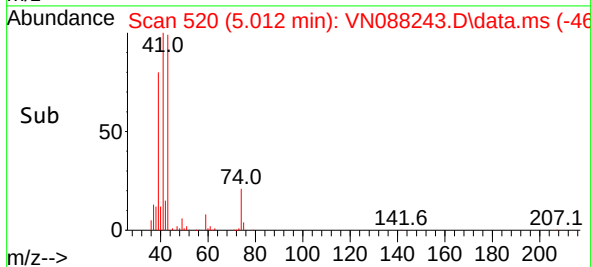
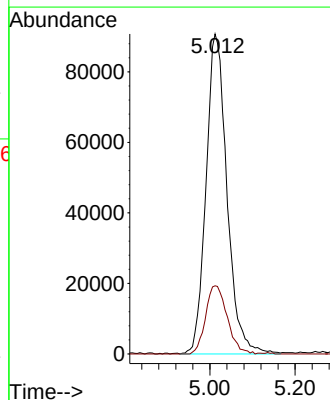
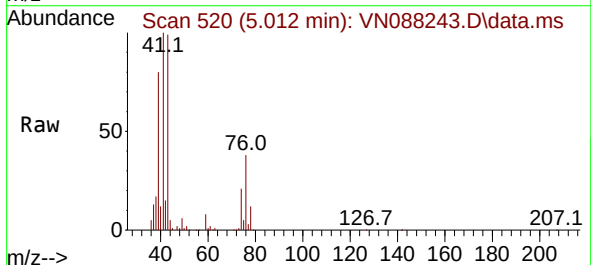
Manual Integrations
APPROVED

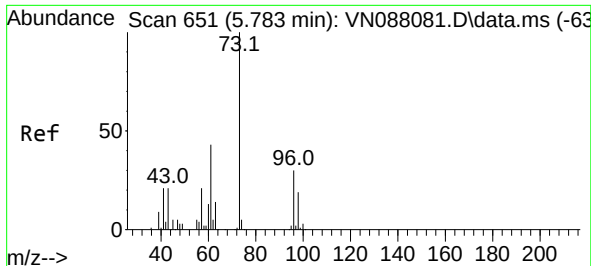
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#18
Methyl Acetate
Concen: 63.027 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

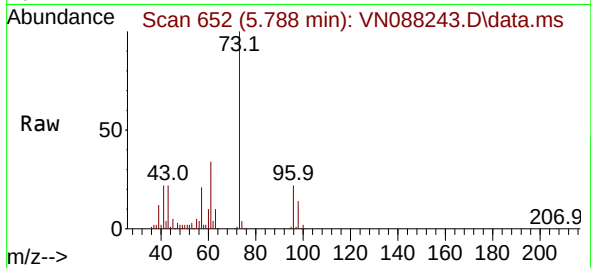
Tgt Ion: 43 Resp: 309900
Ion Ratio Lower Upper
43 100
74 22.0 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 57.039 ug/l
RT: 5.788 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

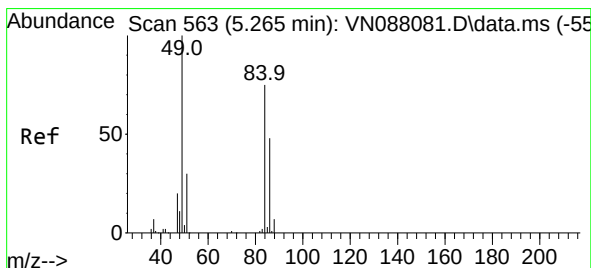
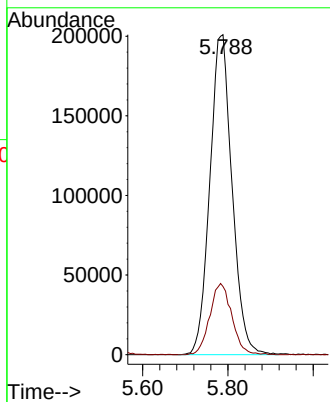
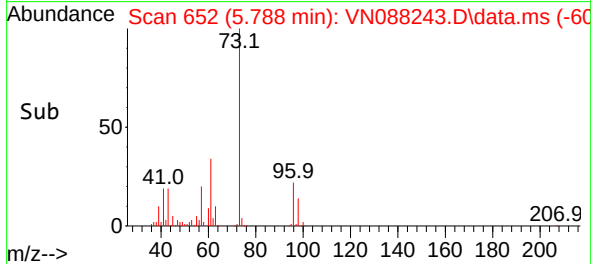
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 72788
Ion Ratio Lower Upper
73 100
57 21.3 18.4 27.6

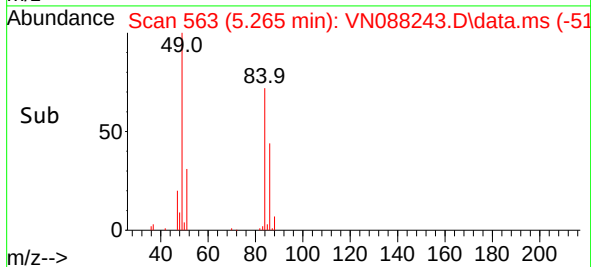
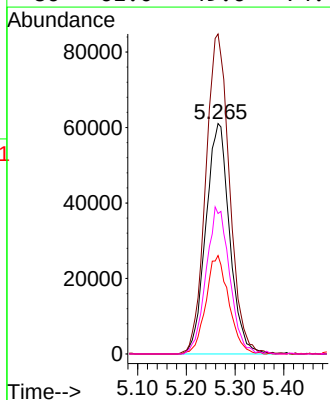
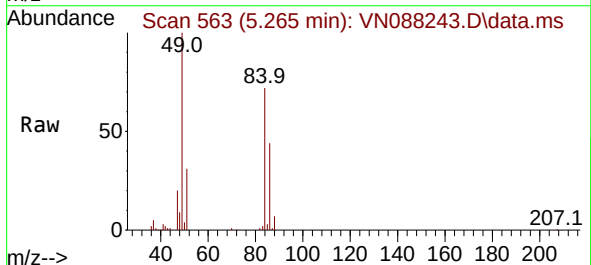
Manual Integrations
APPROVED

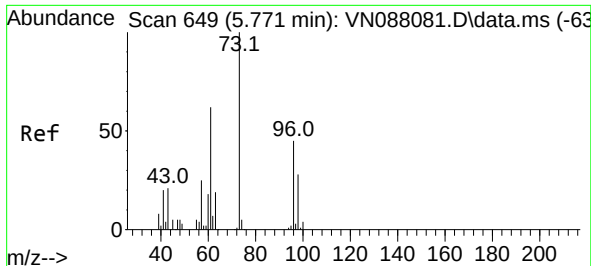
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#20
Methylene Chloride
Concen: 51.233 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

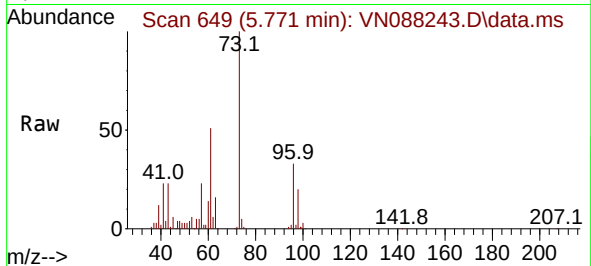
Tgt Ion: 84 Resp: 206550
Ion Ratio Lower Upper
84 100
49 138.9 103.4 155.2
51 42.7 33.8 50.8
86 61.0 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 48.105 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

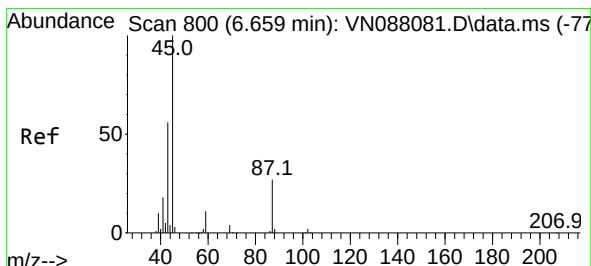
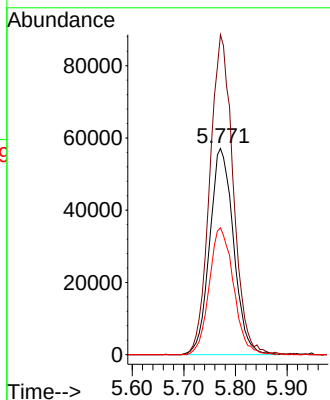
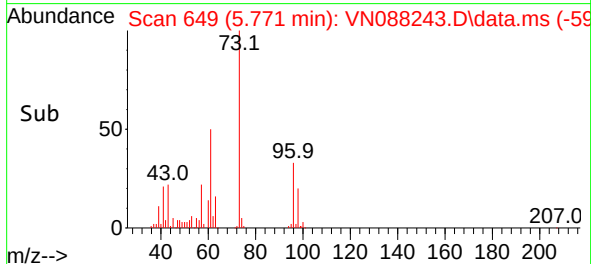
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



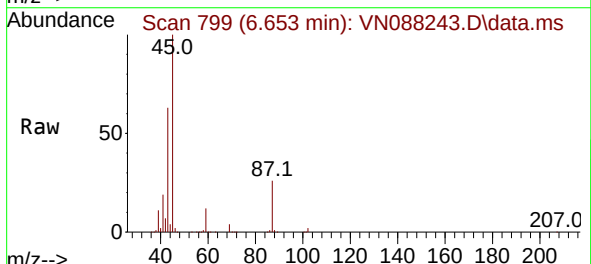
Tgt Ion: 96 Resp: 18348
Ion Ratio Lower Upper
96 100
61 155.1 118.0 177.0
98 61.5 50.0 75.0

Manual Integrations
APPROVED

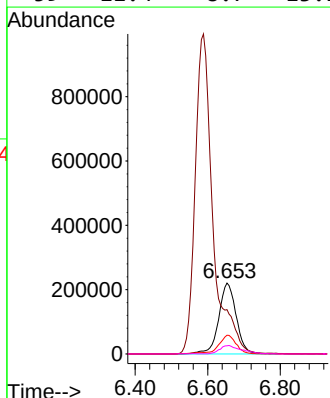
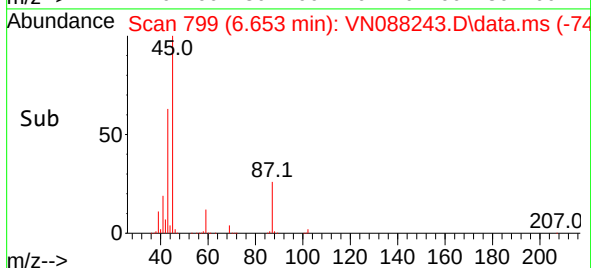
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

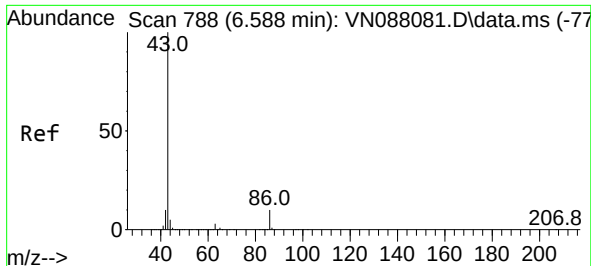


#22
Diisopropyl ether
Concen: 57.519 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06



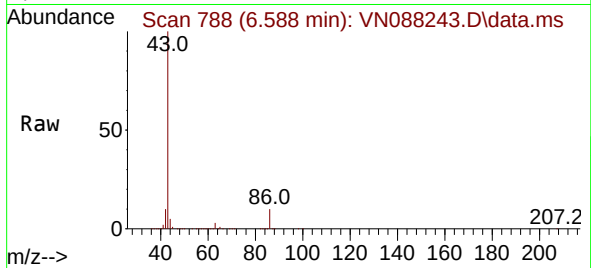
Tgt Ion: 45 Resp: 736750
Ion Ratio Lower Upper
45 100
43 62.2 47.7 71.5
87 26.3 21.4 32.0
59 11.4 8.7 13.1





#23
 Vinyl Acetate
 Concen: 291.572 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088243.D
 Acq: 11 Nov 2025 10:06

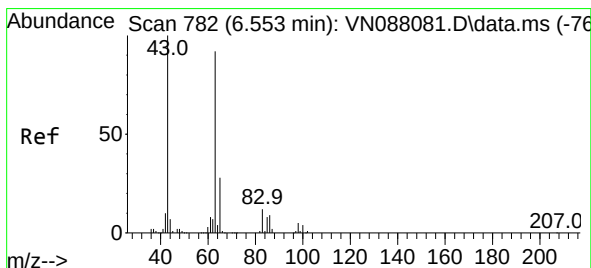
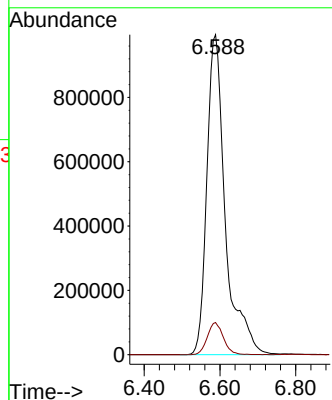
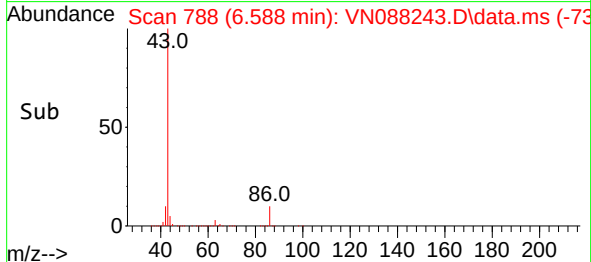
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



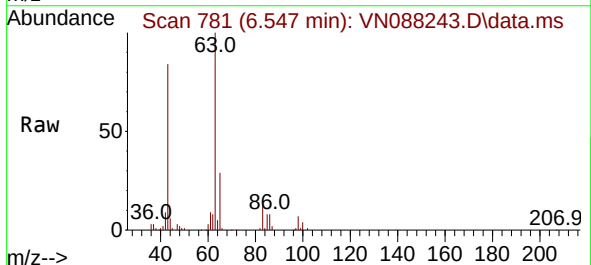
Tgt Ion: 43 Resp: 336414
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.4

Manual Integrations
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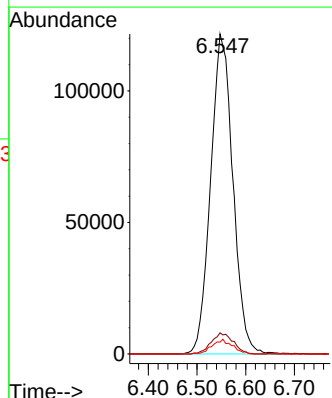
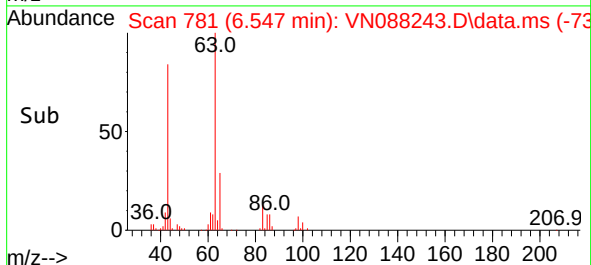
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

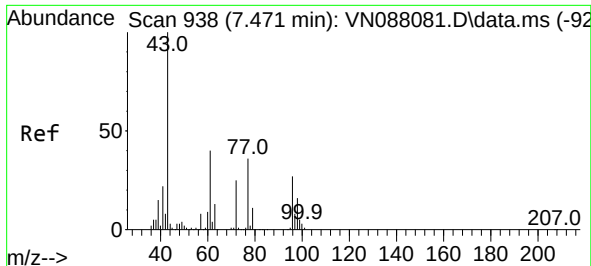


#24
 1,1-Dichloroethane
 Concen: 54.355 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN088243.D
 Acq: 11 Nov 2025 10:06



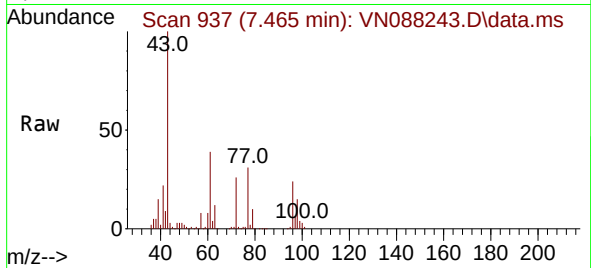
Tgt Ion: 63 Resp: 385661
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 3.7 2.0 6.0





#25
2-Butanone
Concen: 293.788 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

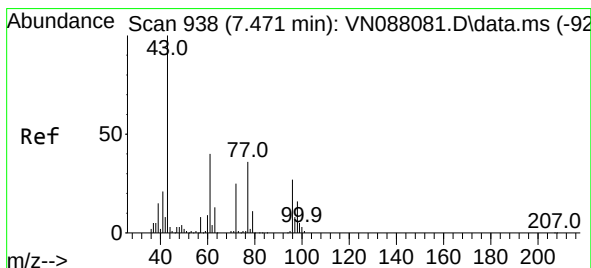
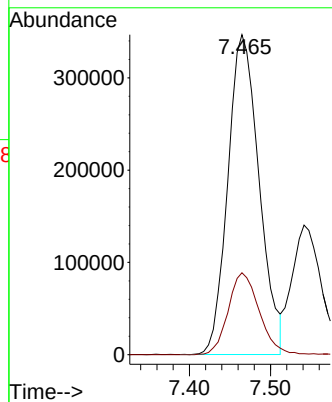
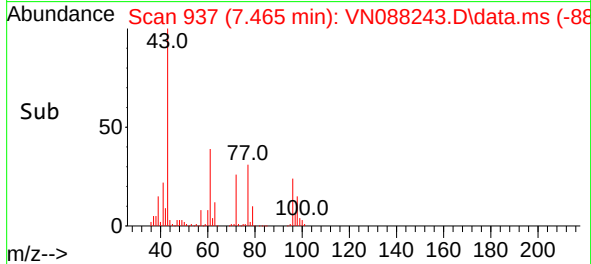
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 92987
Ion Ratio Lower Upper
43 100
72 25.6 19.9 29.9

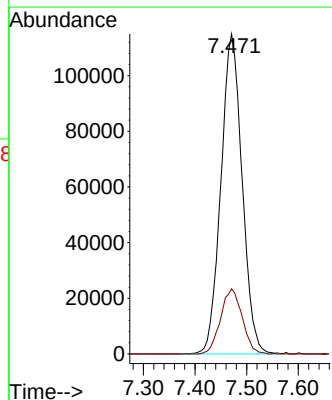
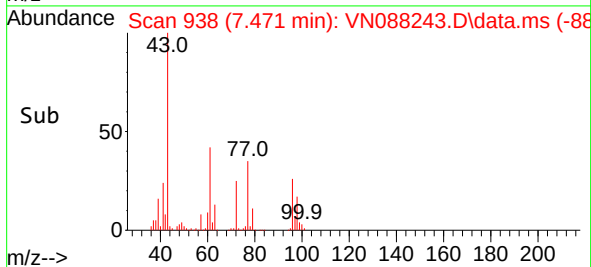
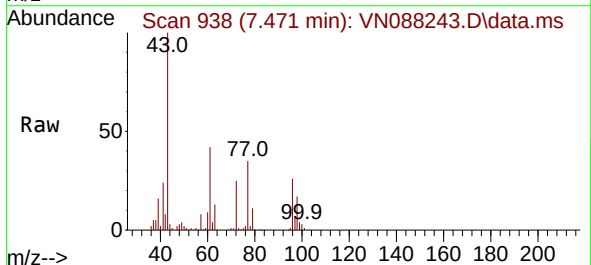
Manual Integrations
APPROVED

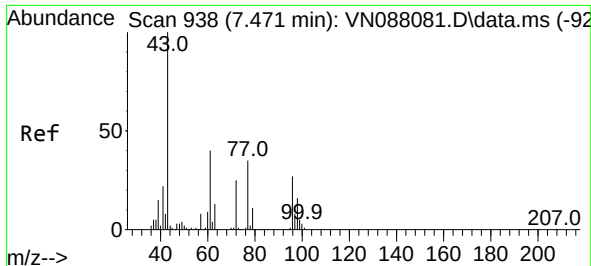
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
2,2-Dichloropropane
Concen: 50.774 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

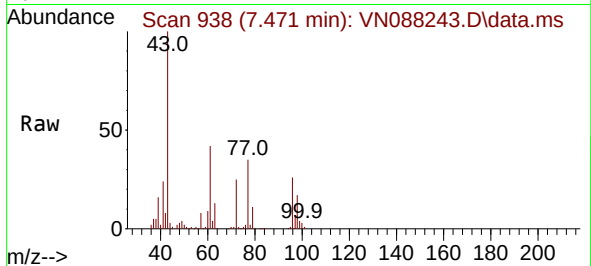
Tgt Ion: 77 Resp: 327382
Ion Ratio Lower Upper
77 100
97 20.7 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 52.320 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088243.D
 Acq: 11 Nov 2025 10:06

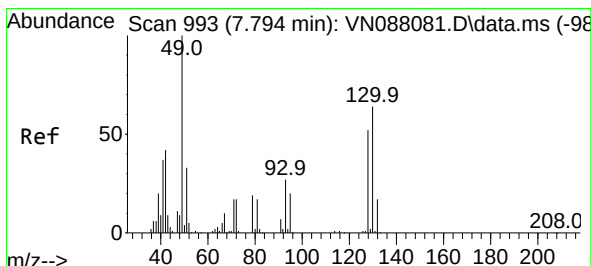
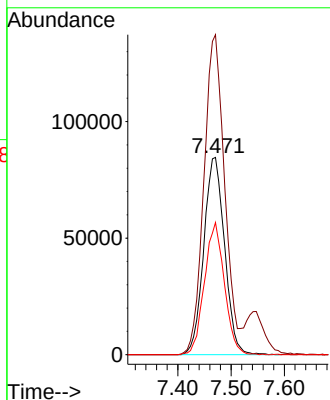
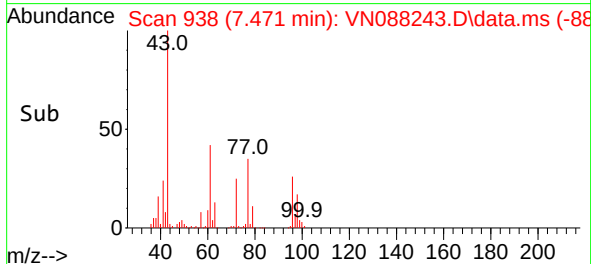
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 229732
 Ion Ratio Lower Upper
 96 100
 61 161.7 0.0 301.8
 98 64.2 0.0 126.2

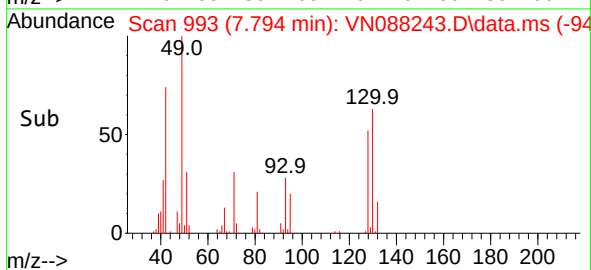
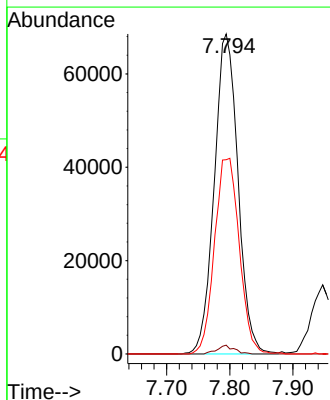
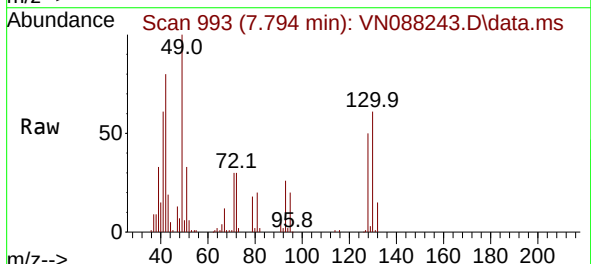
Manual Integrations
 APPROVED

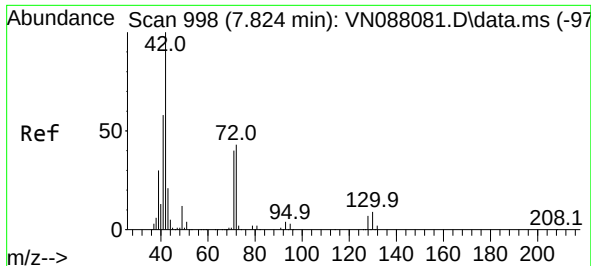
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#28
 Bromochloromethane
 Concen: 53.418 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088243.D
 Acq: 11 Nov 2025 10:06

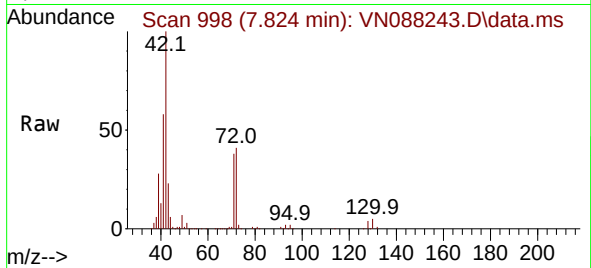
Tgt Ion: 49 Resp: 179085
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.0
 130 63.9 53.1 79.7





#29
Tetrahydrofuran
Concen: 276.202 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

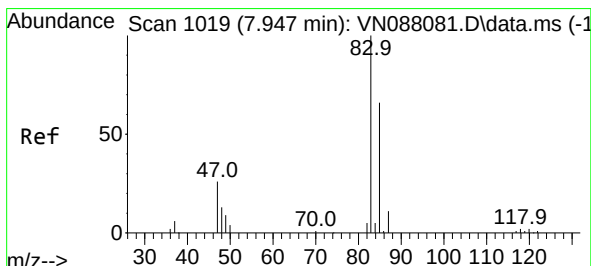
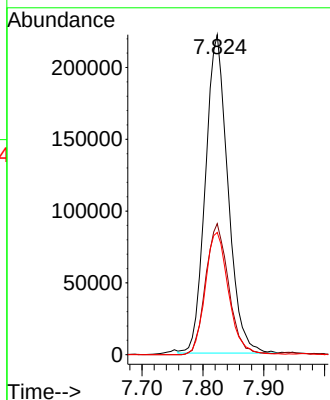
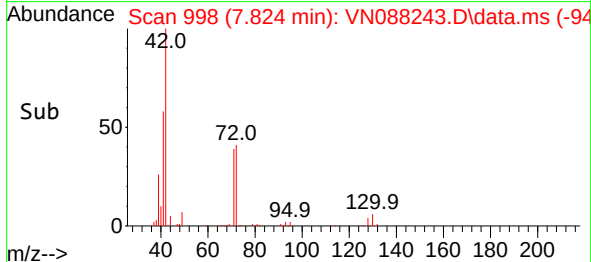
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 569720
Ion Ratio Lower Upper
42 100
72 42.1 33.7 50.5
71 39.8 31.9 47.9

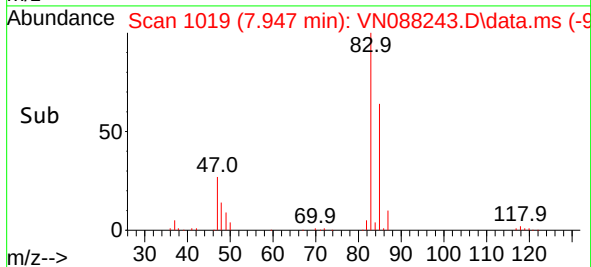
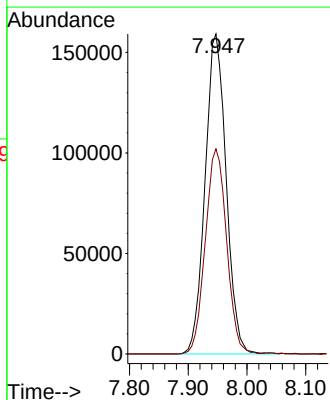
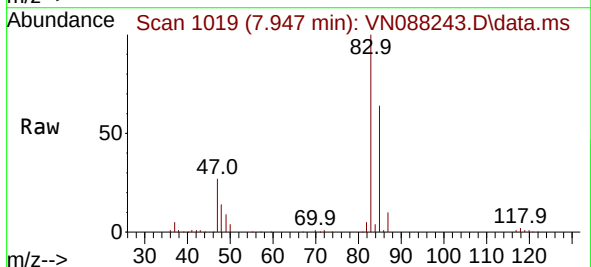
Manual Integrations
APPROVED

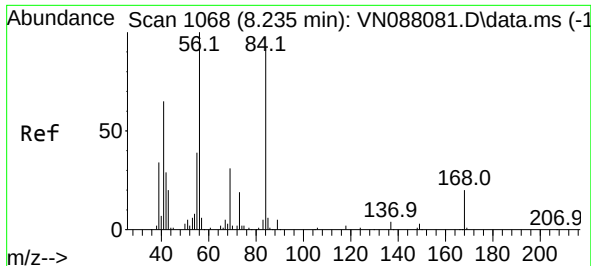
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#30
Chloroform
Concen: 55.884 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

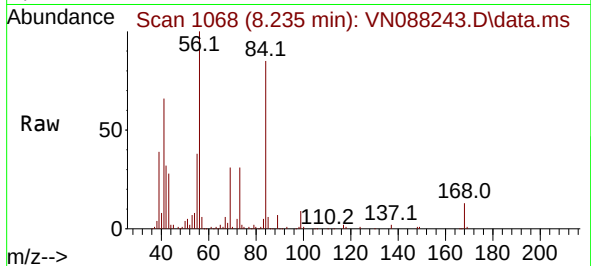
Tgt Ion: 83 Resp: 396121
Ion Ratio Lower Upper
83 100
85 64.1 50.7 76.1





#31
Cyclohexane
Concen: 46.602 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

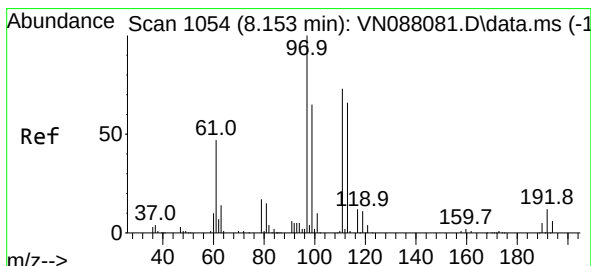
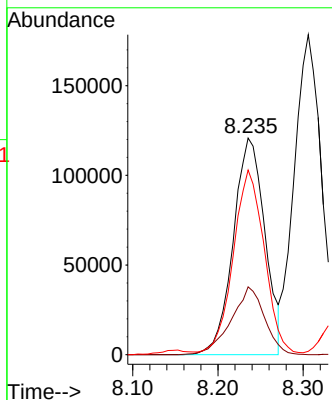
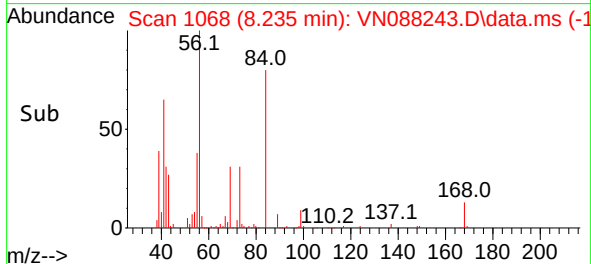
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 311850
Ion Ratio Lower Upper
56 100
69 31.3 23.7 35.5
84 83.1 64.7 97.1

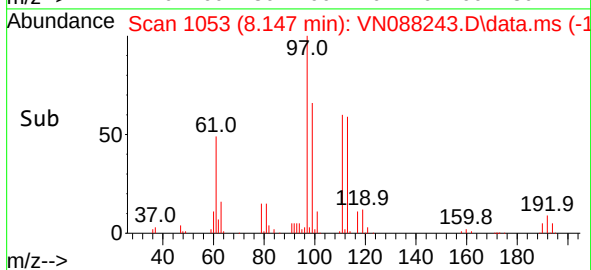
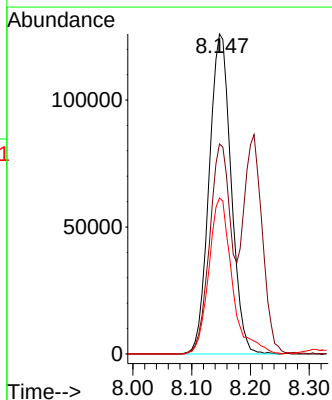
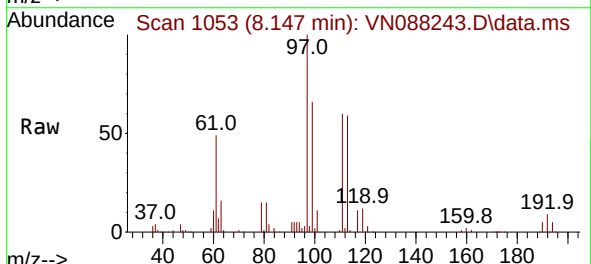
Manual Integrations
APPROVED

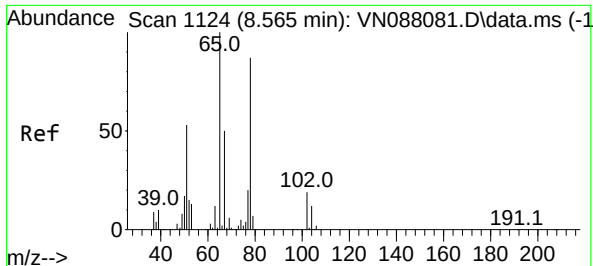
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#32
1,1,1-Trichloroethane
Concen: 51.874 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Tgt Ion: 97 Resp: 327493
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 51.8 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 55.842 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 266959

Ion Ratio Lower Upper

65 100

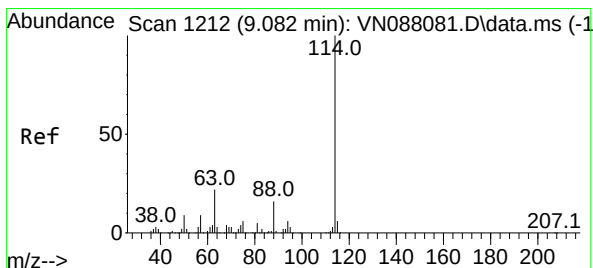
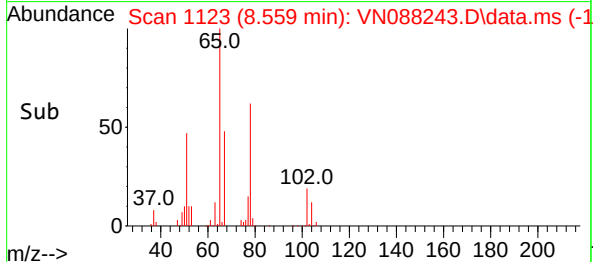
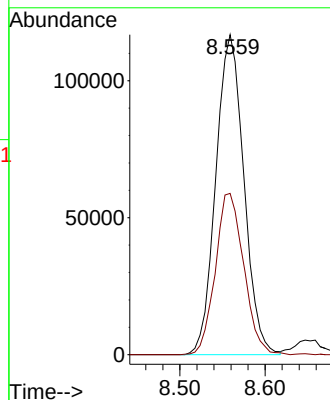
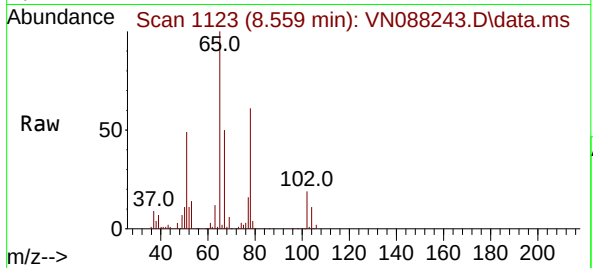
67 51.0 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

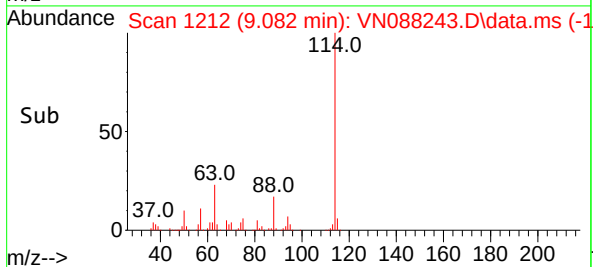
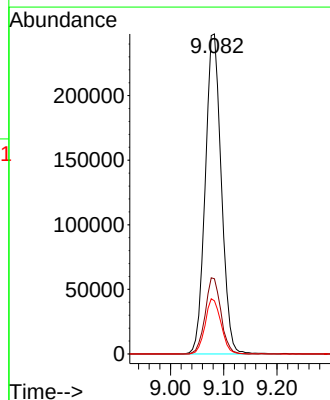
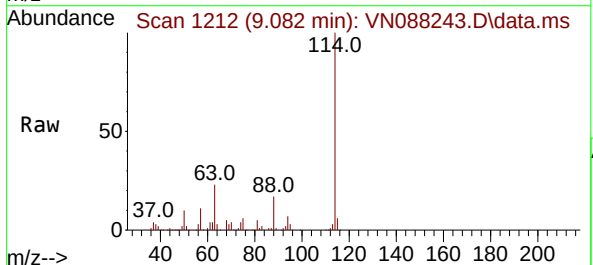
Tgt Ion:114 Resp: 517262

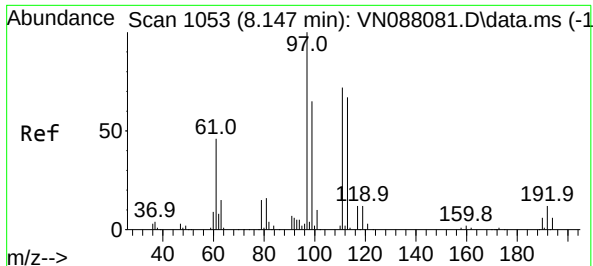
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.2

88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.379 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 182018

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

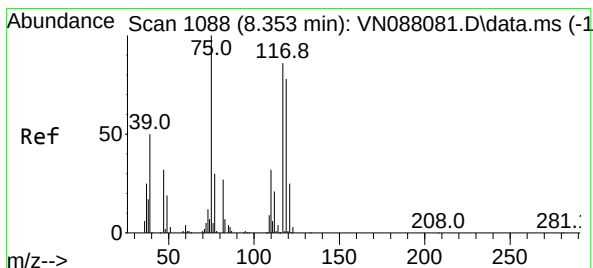
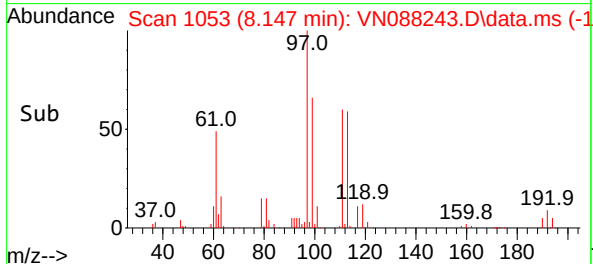
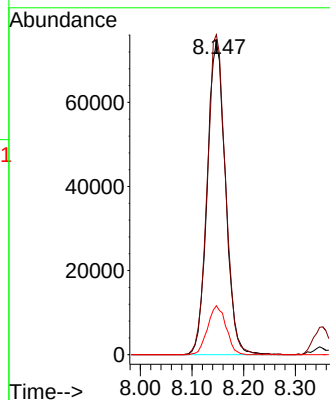
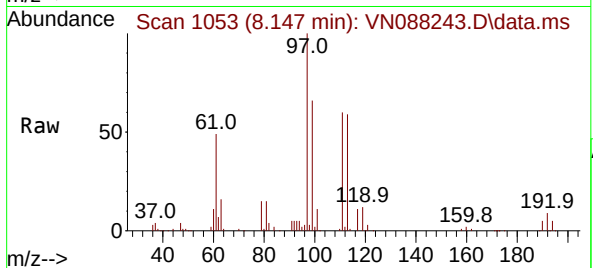
192 15.8 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#36

1,1-Dichloropropene

Concen: 51.427 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

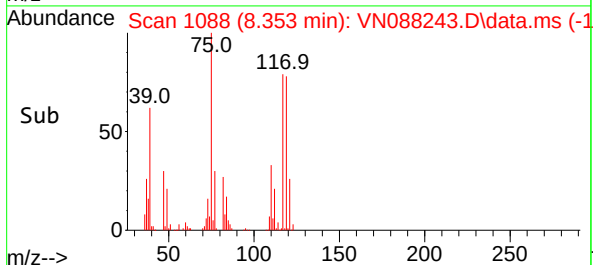
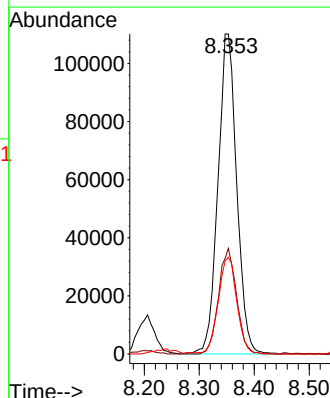
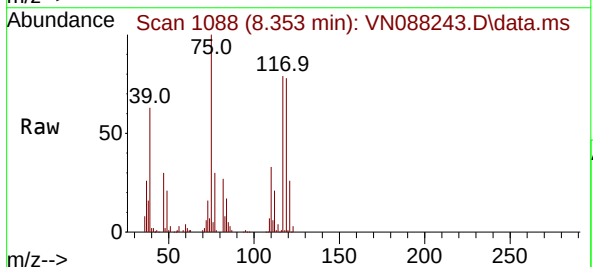
Tgt Ion: 75 Resp: 260935

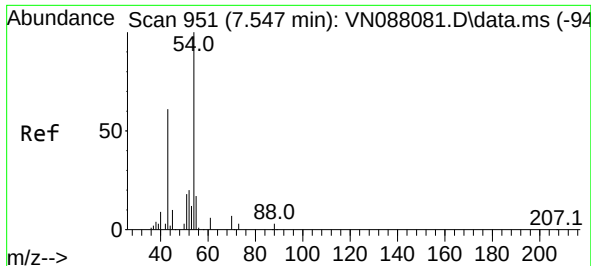
Ion Ratio Lower Upper

75 100

110 31.8 15.9 47.6

77 30.0 24.4 36.6





#37

Ethyl Acetate

Concen: 56.272 ug/l

RT: 7.541 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 36845

Ion Ratio Lower Upper

43 100

61 12.7 9.3 13.9

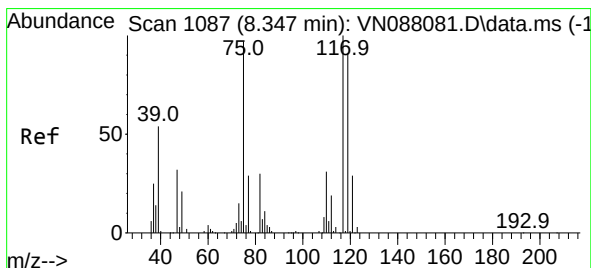
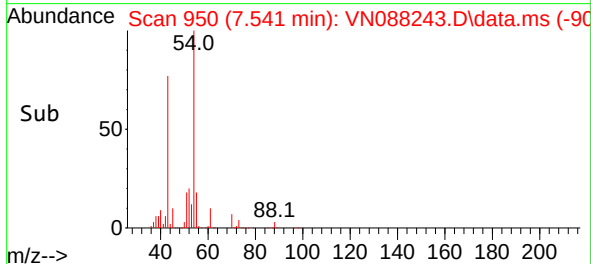
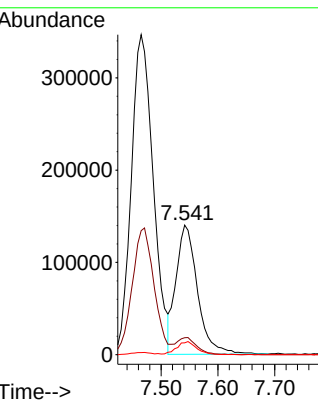
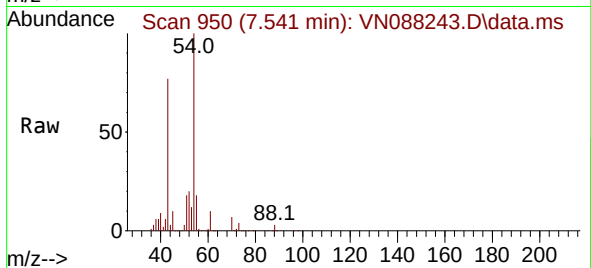
70 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#38

Carbon Tetrachloride

Concen: 52.554 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

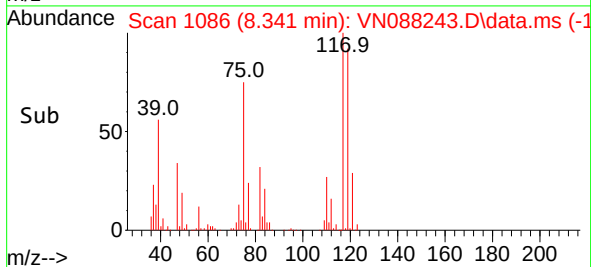
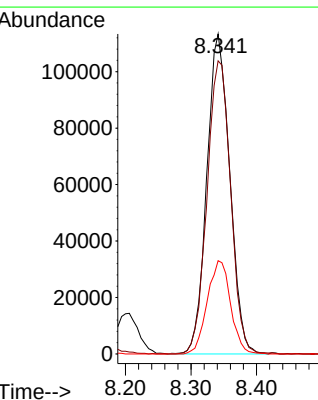
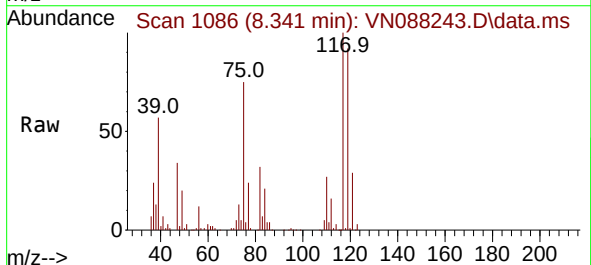
Tgt Ion:117 Resp: 275406

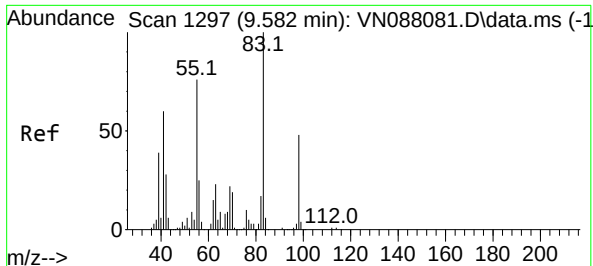
Ion Ratio Lower Upper

117 100

119 91.6 79.0 118.6

121 29.1 25.0 37.6





#39

Methylcyclohexane

Concen: 44.220 ug/l

RT: 9.576 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 288390

Ion Ratio Lower Upper

83 100

55 78.7 64.6 96.8

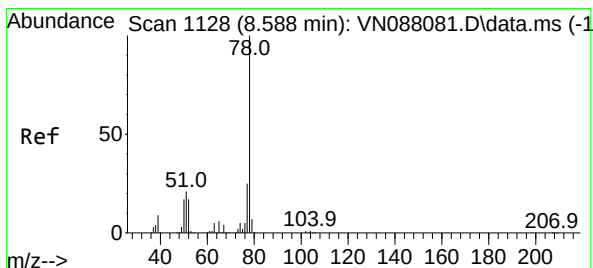
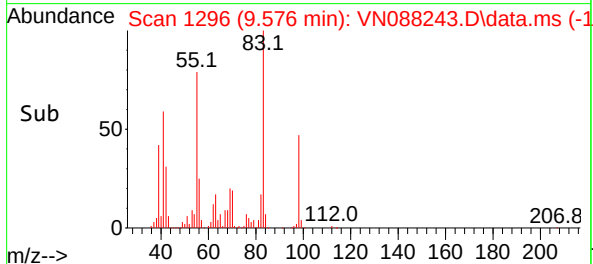
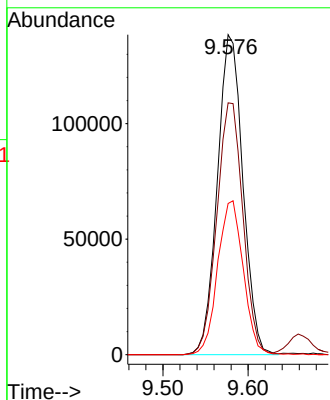
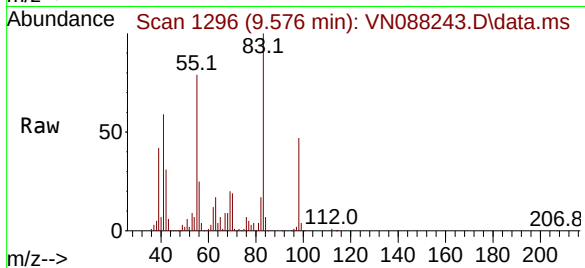
98 47.3 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#40

Benzene

Concen: 52.014 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088243.D

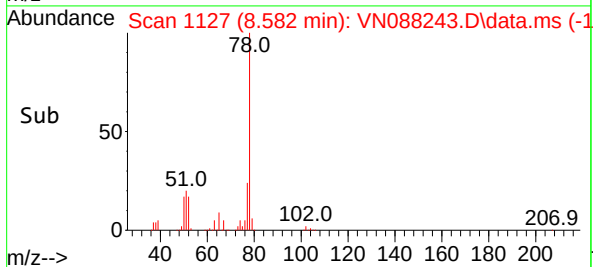
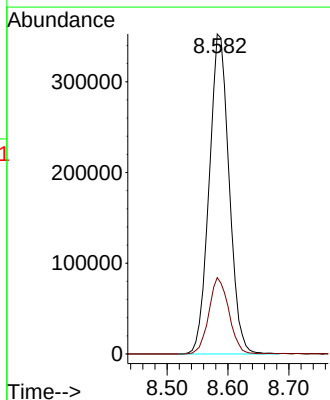
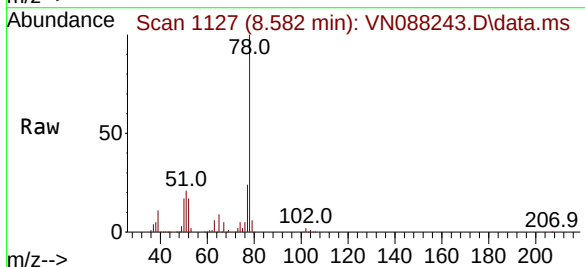
Acq: 11 Nov 2025 10:06

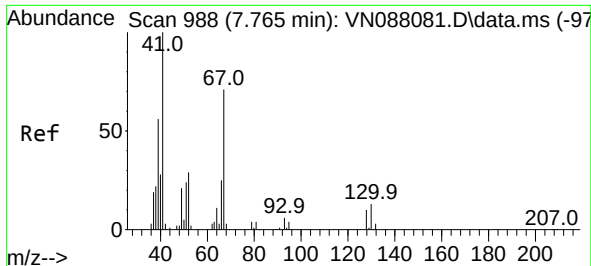
Tgt Ion: 78 Resp: 803743

Ion Ratio Lower Upper

78 100

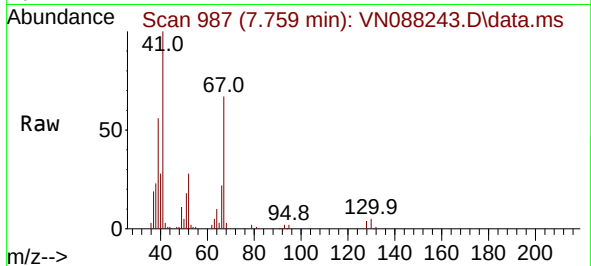
77 23.8 19.7 29.5





#41
Methacrylonitrile
Concen: 57.159 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

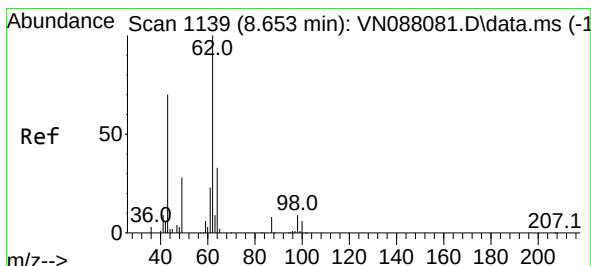
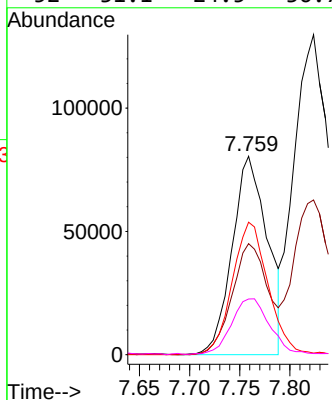
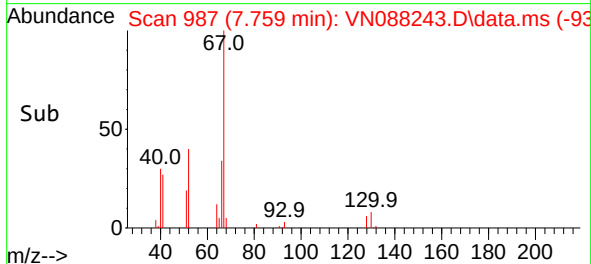
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 19698
Ion Ratio Lower Upper
41 100
39 57.2 45.4 68.0
67 68.1 55.3 82.9
52 31.1 24.5 36.7

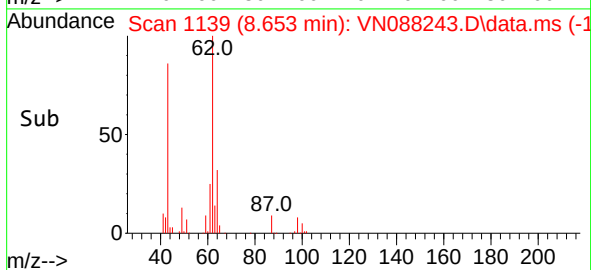
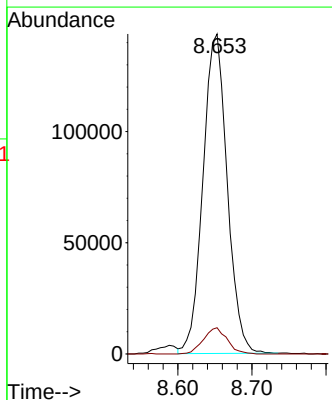
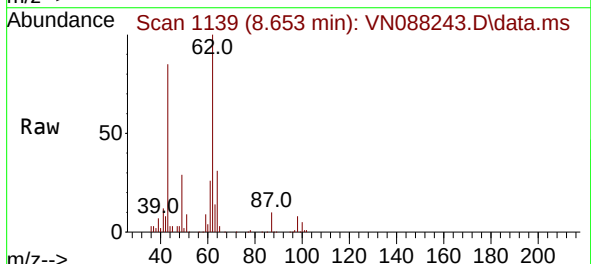
Manual Integrations
APPROVED

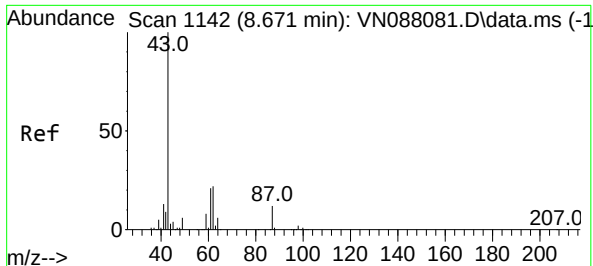
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#42
1,2-Dichloroethane
Concen: 59.515 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

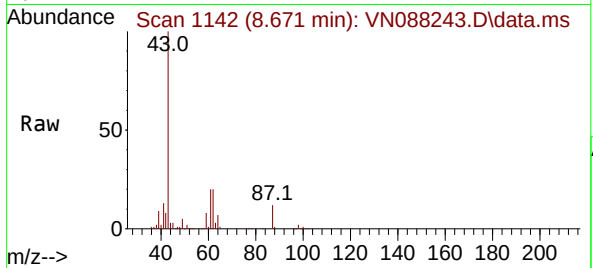
Tgt Ion: 62 Resp: 326765
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.4





#43
Isopropyl Acetate
Concen: 58.668 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

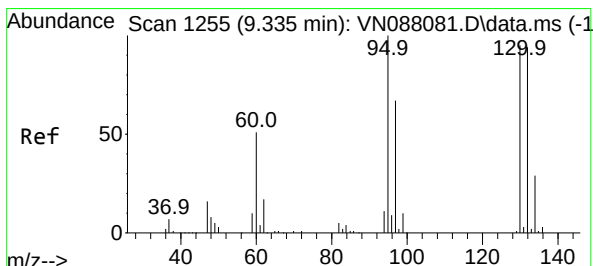
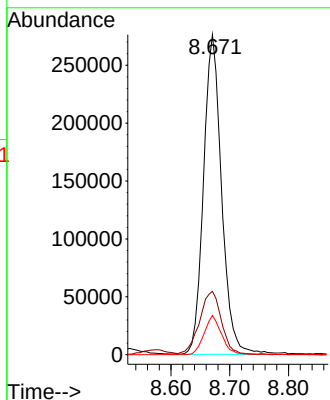
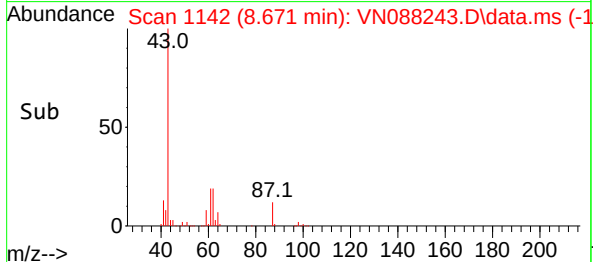
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 590285
Ion Ratio Lower Upper
43 100
61 23.7 18.8 28.2
87 11.9 9.6 14.4

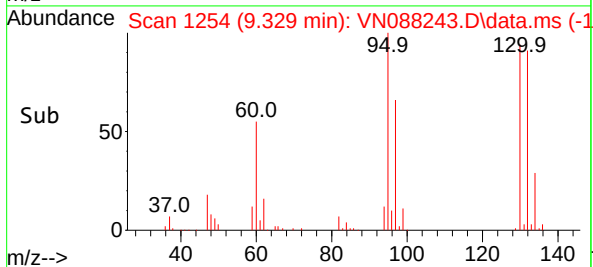
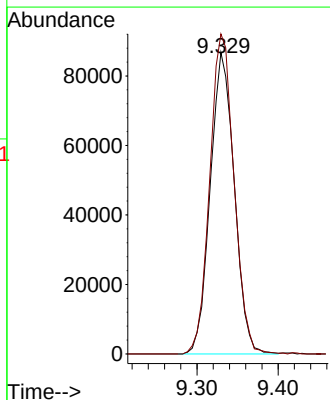
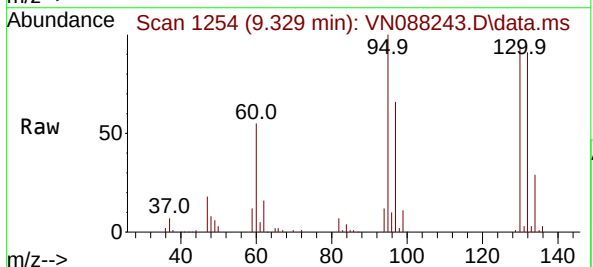
Manual Integrations
APPROVED

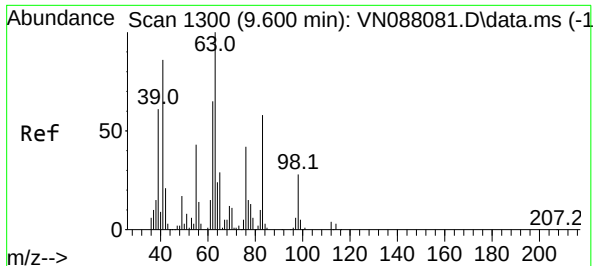
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#44
Trichloroethene
Concen: 49.390 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Tgt Ion:130 Resp: 178386
Ion Ratio Lower Upper
130 100
95 106.1 0.0 212.0





#45

1,2-Dichloropropane

Concen: 55.102 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 214950

Ion Ratio Lower Upper

63 100

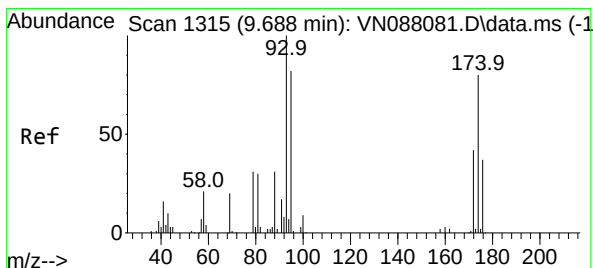
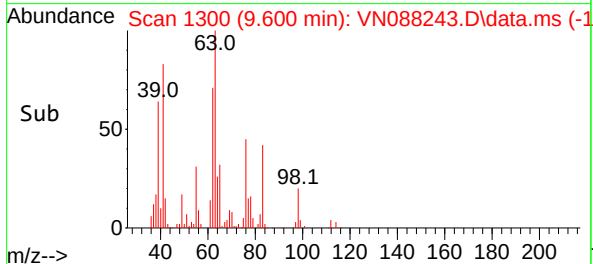
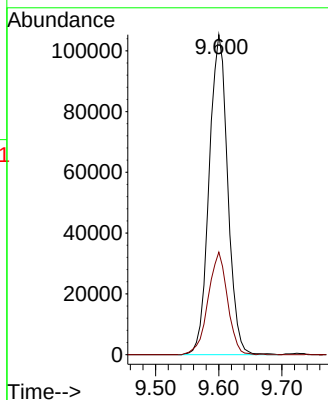
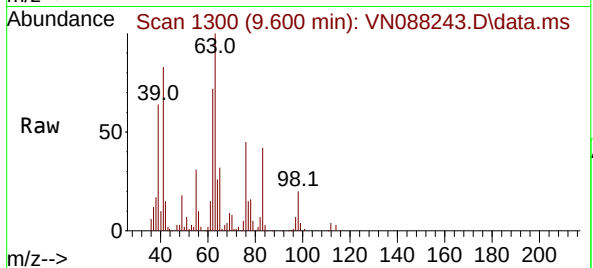
65 32.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#46

Dibromomethane

Concen: 57.562 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

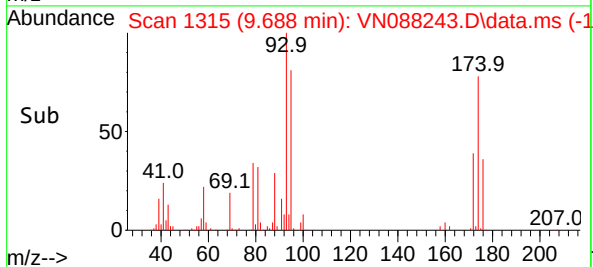
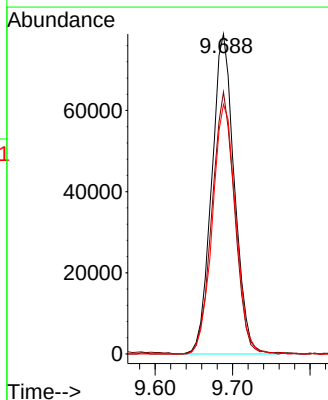
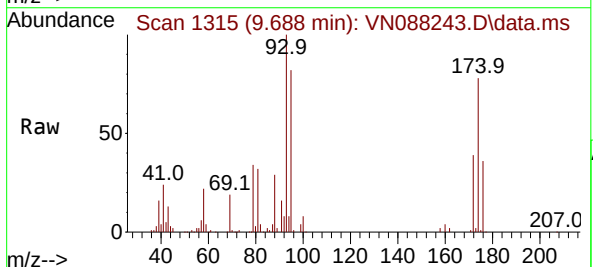
Tgt Ion: 93 Resp: 160153

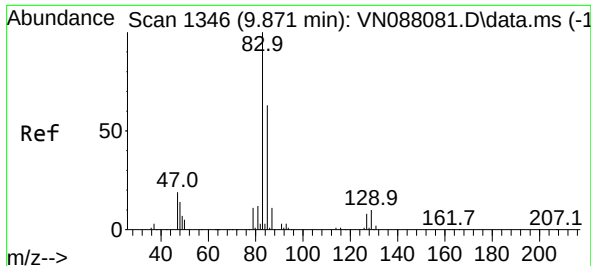
Ion Ratio Lower Upper

93 100

95 81.4 66.2 99.4

174 80.3 63.4 95.2





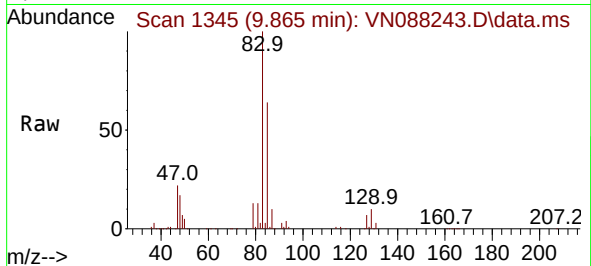
#47
Bromodichloromethane
Concen: 57.796 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



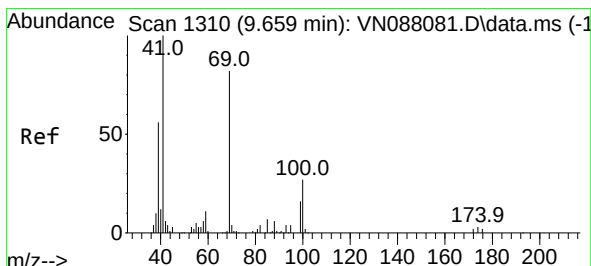
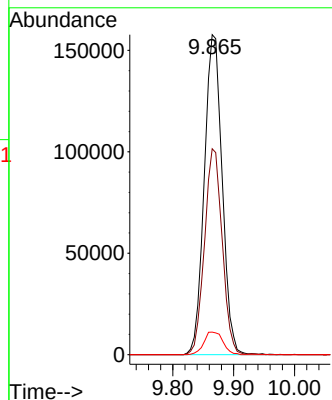
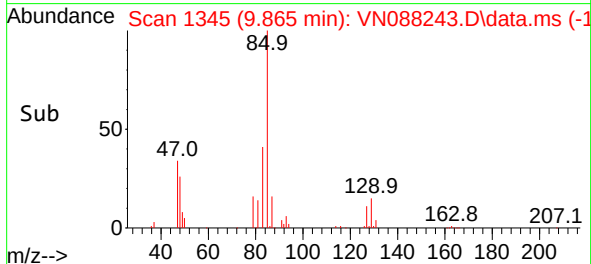
Tgt Ion: 83 Resp: 321940
Ion Ratio Lower Upper
83 100
85 64.3 52.5 78.7
127 7.1 5.8 8.6

Manual Integrations

APPROVED

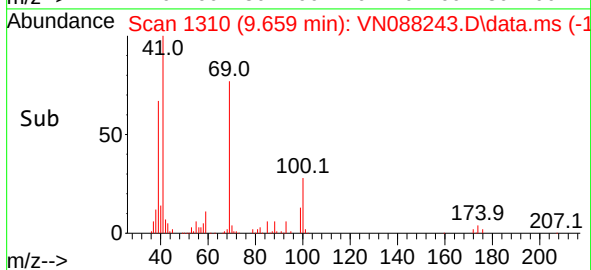
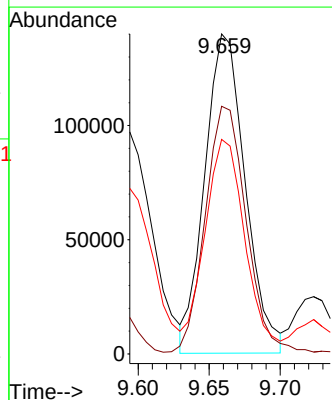
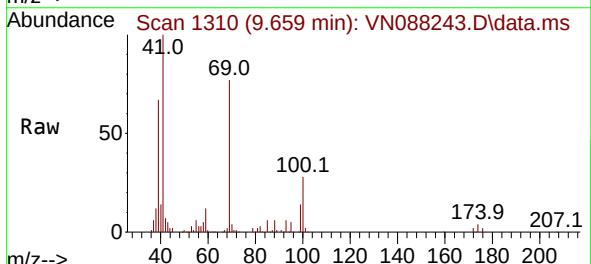
Reviewed By :John Carlone 11/12/2025

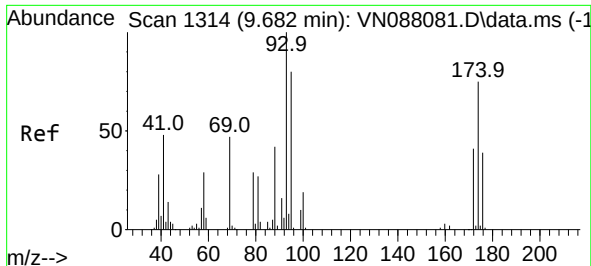
Supervised By :Mahesh Dadoda 11/12/2025



#48
Methyl methacrylate
Concen: 59.582 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Tgt Ion: 41 Resp: 276767
Ion Ratio Lower Upper
41 100
69 79.3 62.7 94.1
39 67.2 52.9 79.3





#49

1,4-Dioxane

Concen: 1059.148 ug/l

RT: 9.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 6119

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

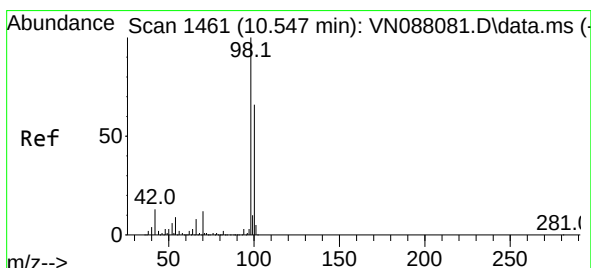
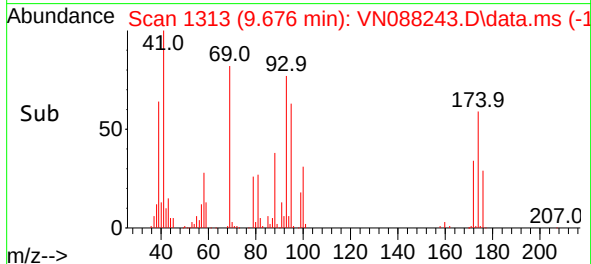
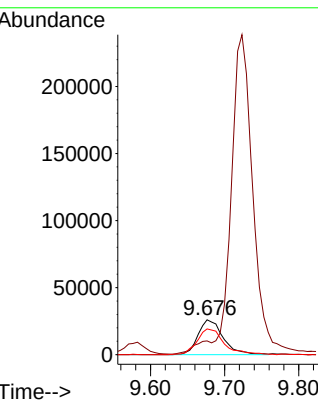
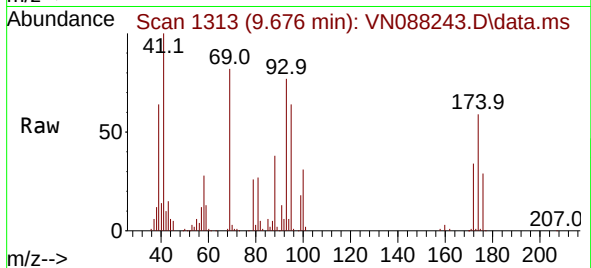
58 79.8 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#50

Toluene-d8

Concen: 49.177 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088243.D

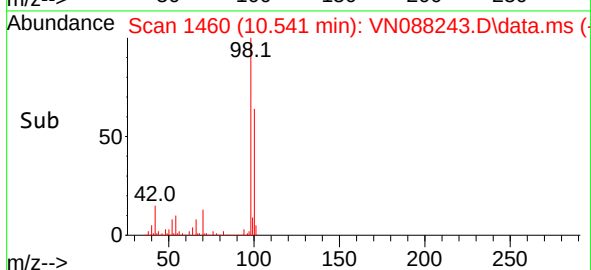
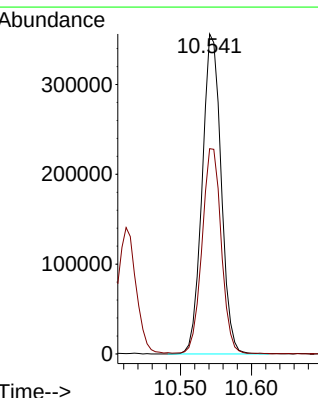
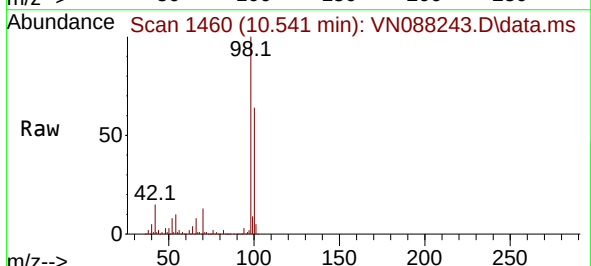
Acq: 11 Nov 2025 10:06

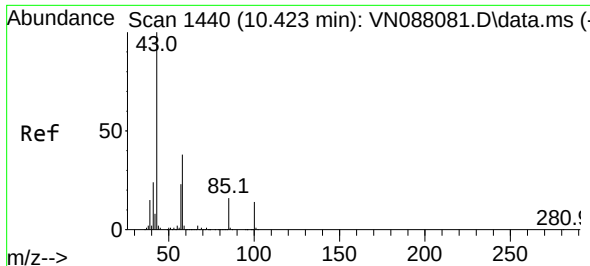
Tgt Ion: 98 Resp: 658467

Ion Ratio Lower Upper

98 100

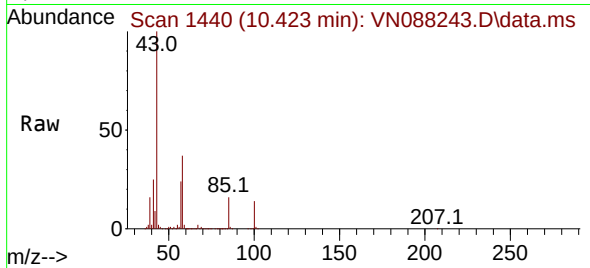
100 64.9 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 302.568 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

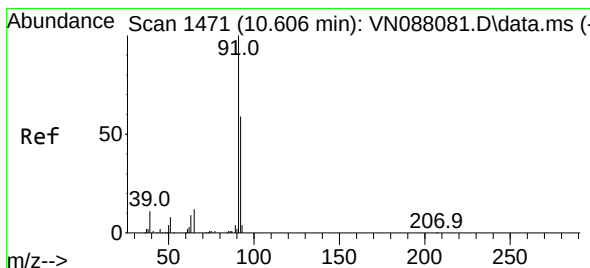
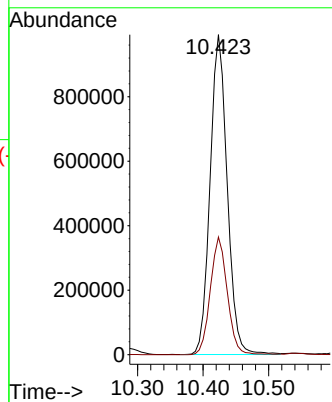
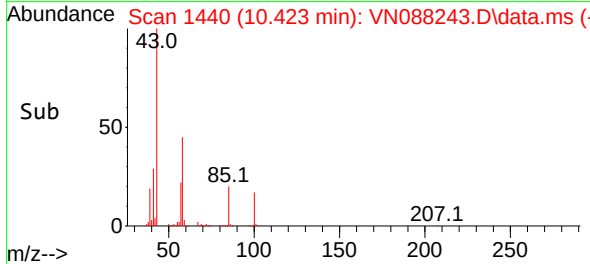
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1800940
Ion Ratio Lower Upper
43 100
58 36.5 29.6 44.4

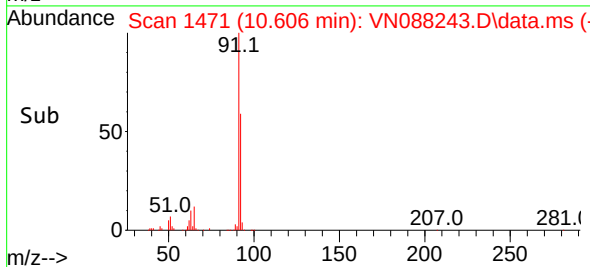
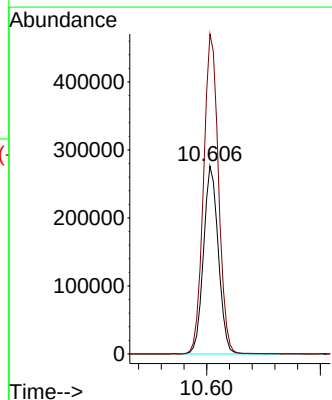
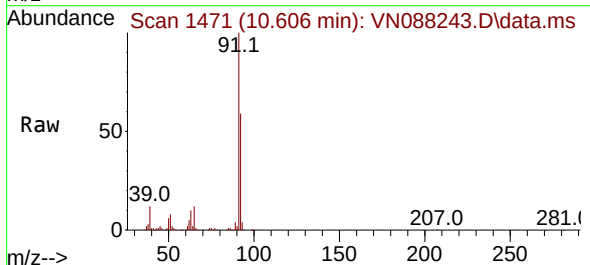
Manual Integrations
APPROVED

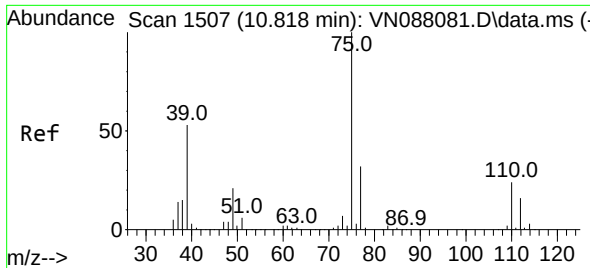
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#52
Toluene
Concen: 52.404 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

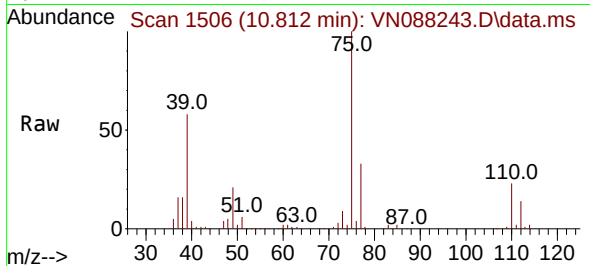
Tgt Ion: 92 Resp: 499257
Ion Ratio Lower Upper
92 100
91 171.9 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 58.392 ug/l
RT: 10.812 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

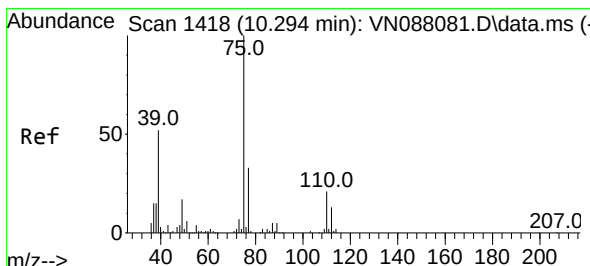
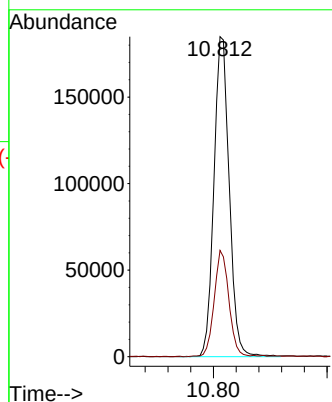
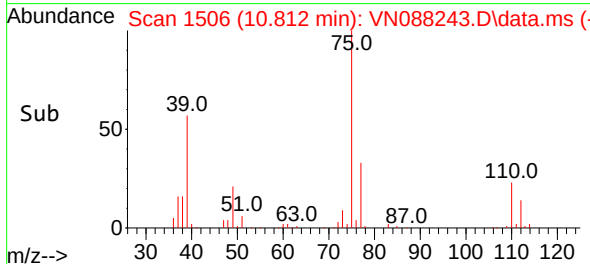
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



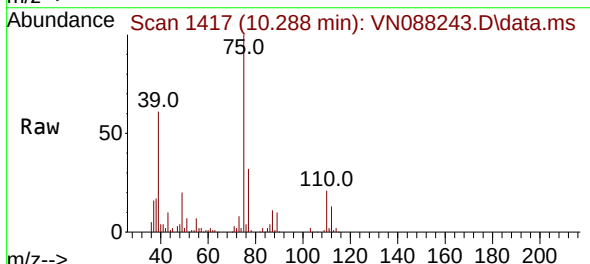
Tgt Ion: 75 Resp: 346180
Ion Ratio Lower Upper
75 100
77 33.1 25.2 37.8

Manual Integrations
APPROVED

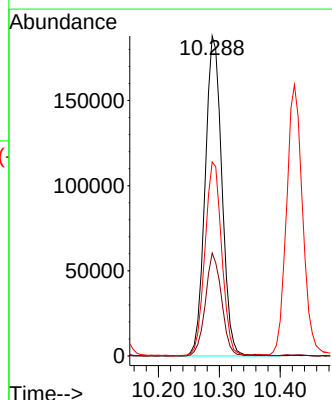
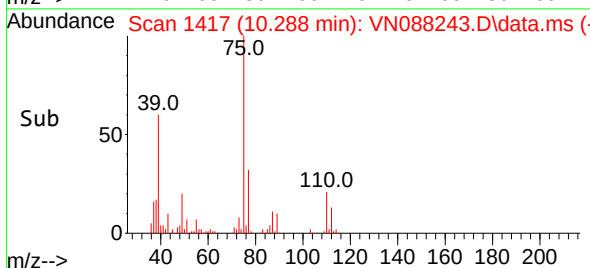
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

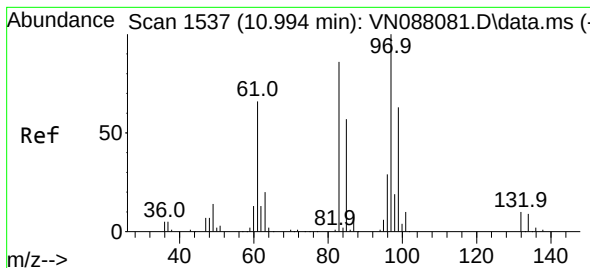


#54
cis-1,3-Dichloropropene
Concen: 57.062 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06



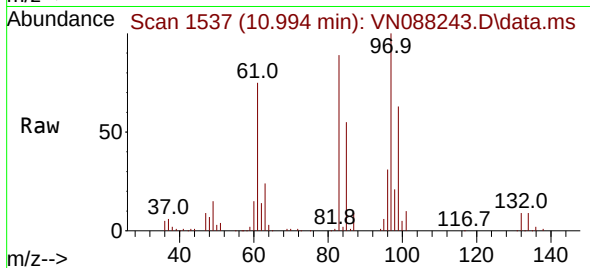
Tgt Ion: 75 Resp: 358984
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0
39 60.5 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 54.106 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

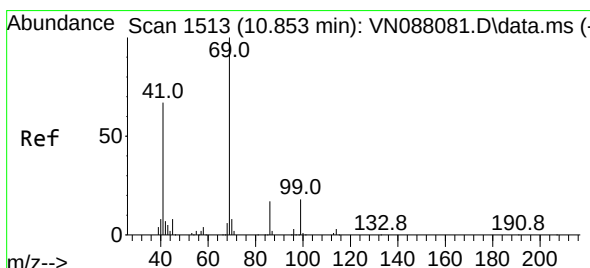
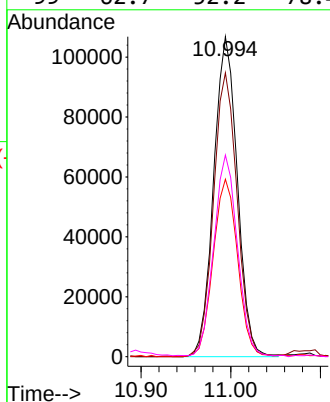
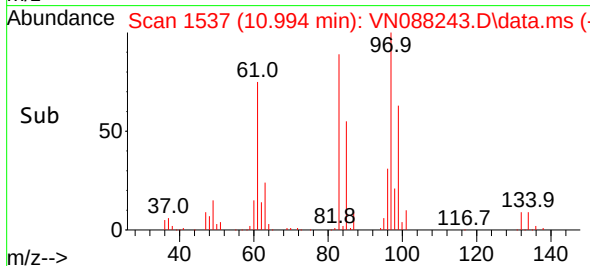
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



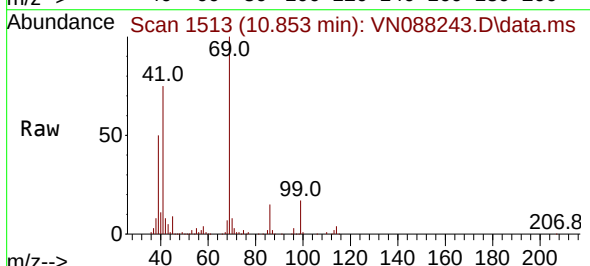
Tgt Ion: 97 Resp: 195562
Ion Ratio Lower Upper
97 100
83 88.7 68.2 102.4
85 55.5 45.5 68.3
99 62.7 52.2 78.4

Manual Integrations
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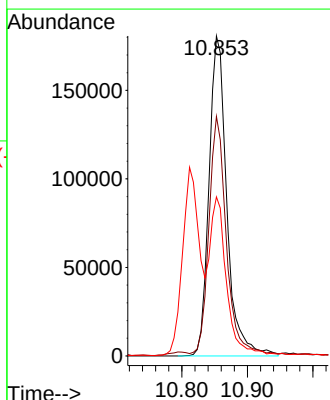
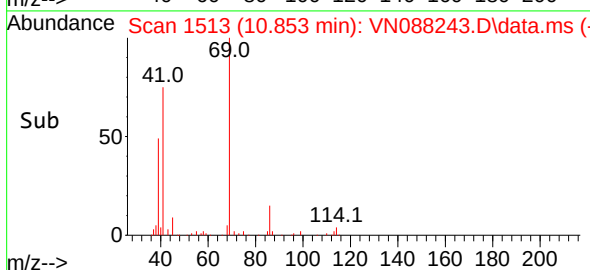
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

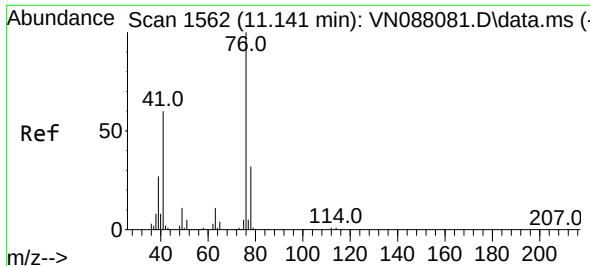


#56
Ethyl methacrylate
Concen: 59.613 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06



Tgt Ion: 69 Resp: 340981
Ion Ratio Lower Upper
69 100
41 72.2 56.5 84.7
39 45.7 34.2 51.4





#57

1,3-Dichloropropane

Concen: 56.761 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 360609

Ion Ratio Lower Upper

76 100

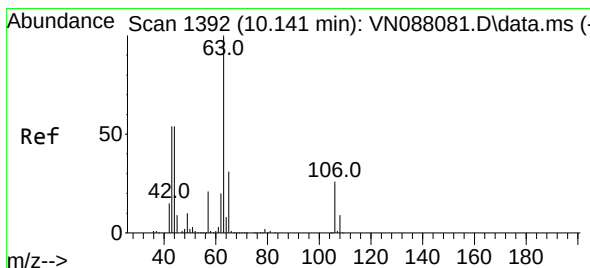
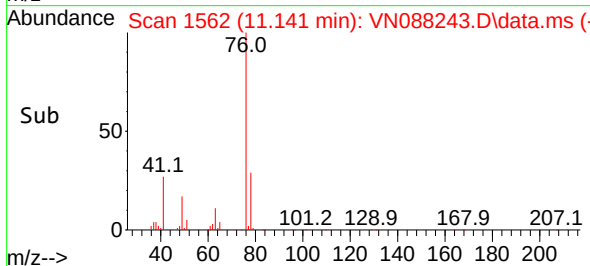
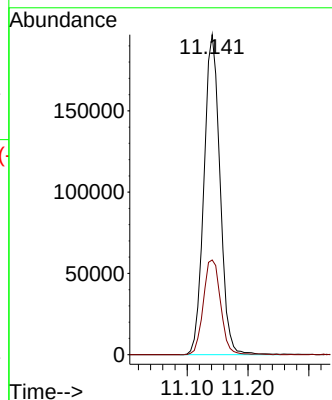
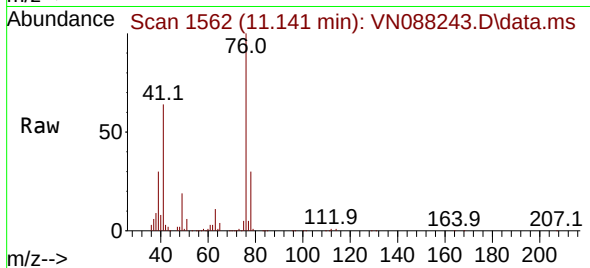
78 31.9 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 363.915 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088243.D

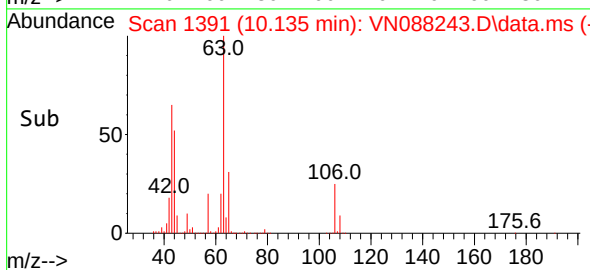
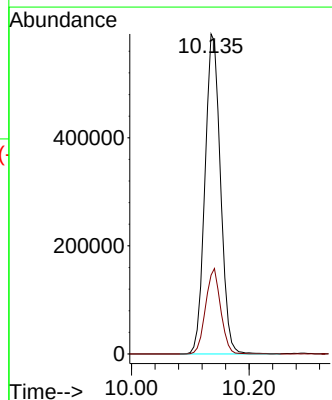
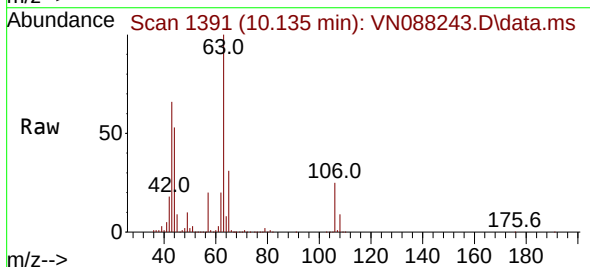
Acq: 11 Nov 2025 10:06

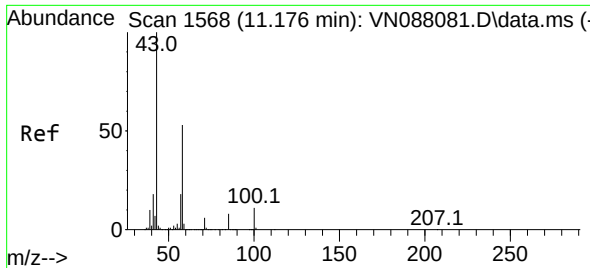
Tgt Ion: 63 Resp: 1082733

Ion Ratio Lower Upper

63 100

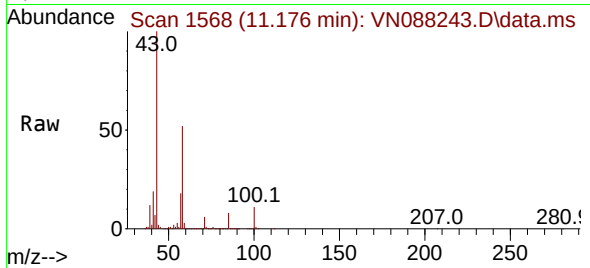
106 25.9 21.1 31.7





#59
2-Hexanone
Concen: 318.697 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

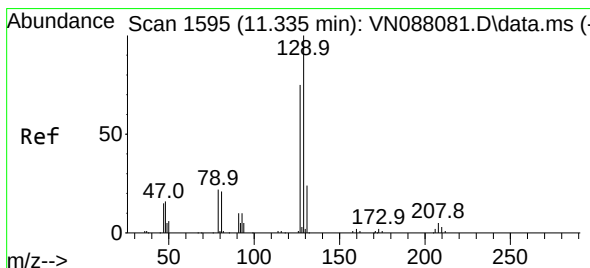
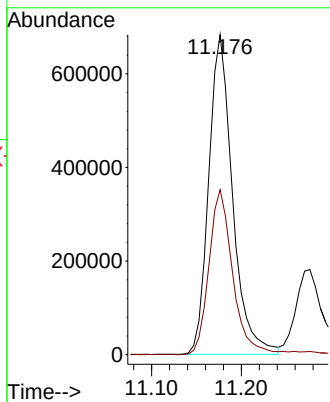
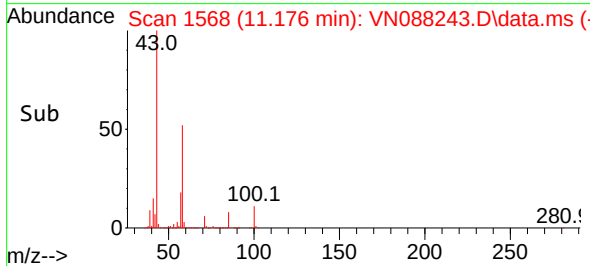
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1258390
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8

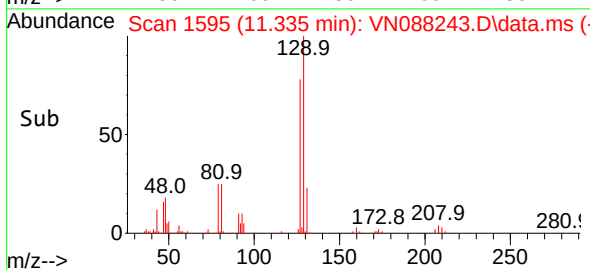
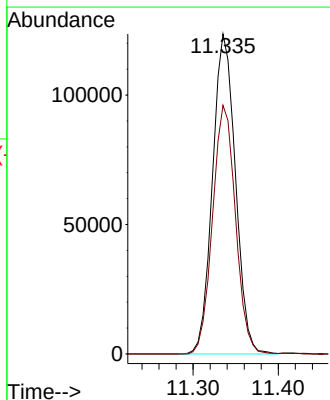
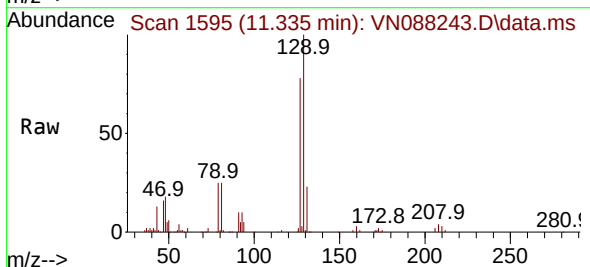
Manual Integrations
APPROVED

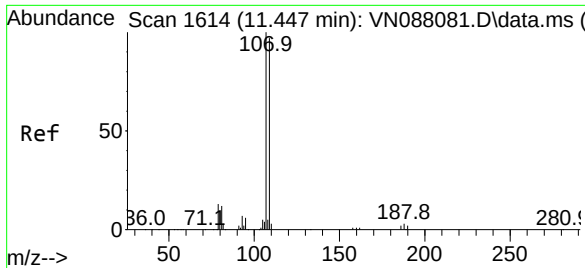
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#60
Dibromochloromethane
Concen: 56.220 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

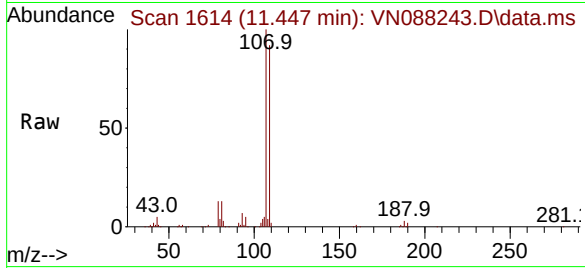
Tgt Ion:129 Resp: 230964
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3





#61
1,2-Dibromoethane
Concen: 54.970 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

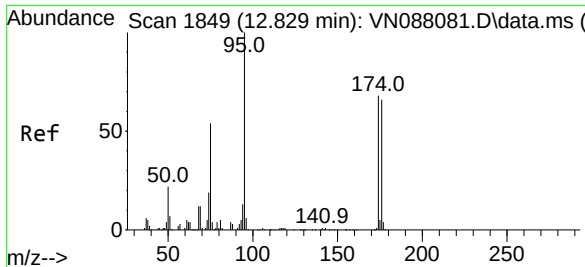
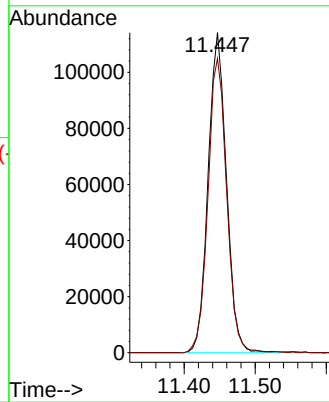
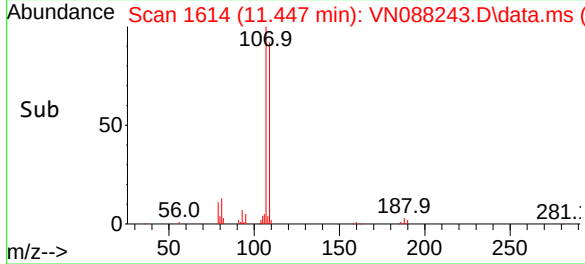
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 204479
Ion Ratio Lower Upper
107 100
109 94.0 74.7 112.1

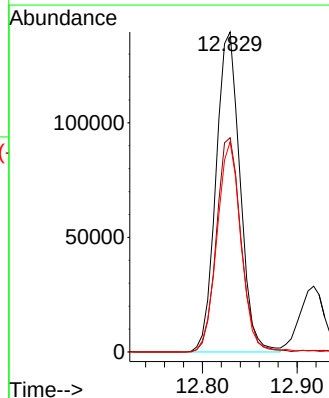
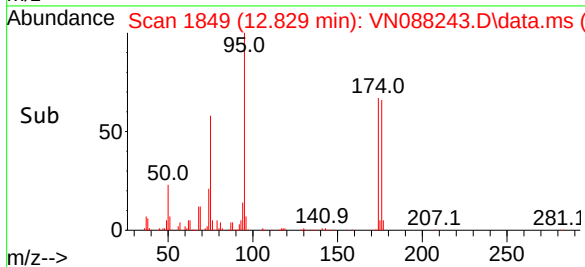
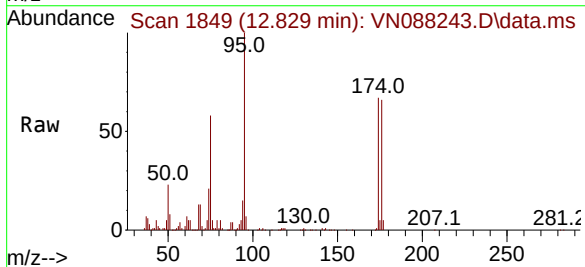
Manual Integrations
APPROVED

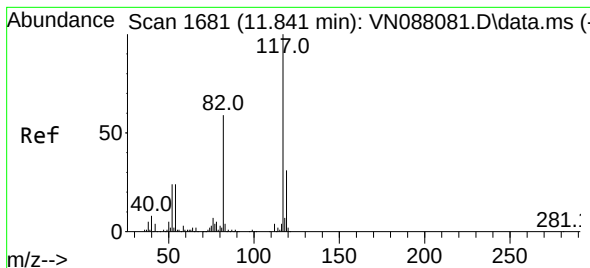
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#62
4-Bromofluorobenzene
Concen: 52.106 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

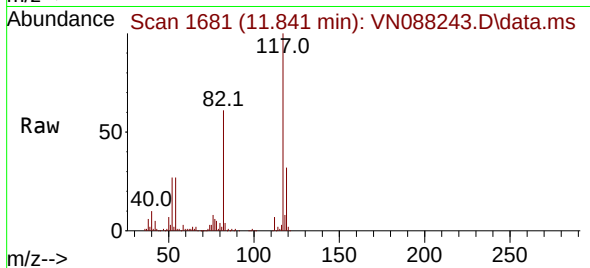
Tgt Ion: 95 Resp: 246395
Ion Ratio Lower Upper
95 100
174 68.3 0.0 138.4
176 65.6 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

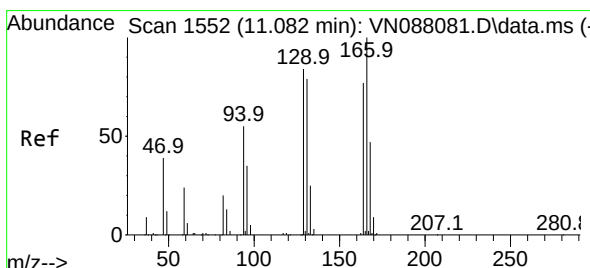
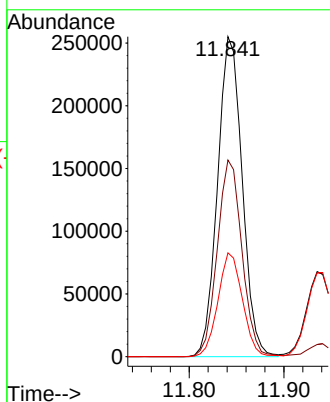
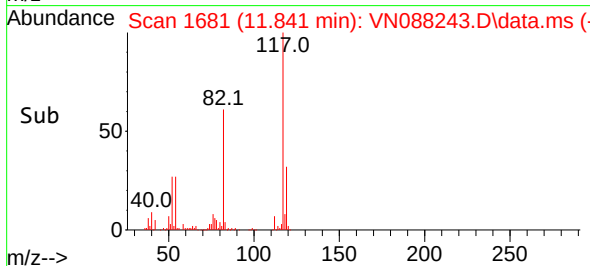
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



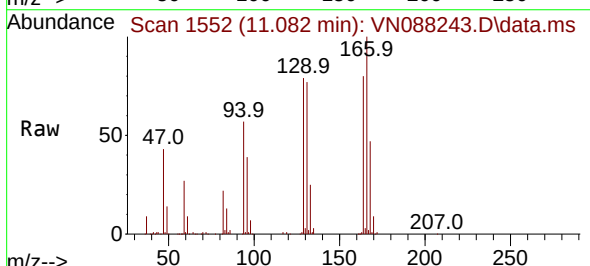
Tgt Ion:117 Resp: 461592
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 32.5 24.3 36.5

Manual Integrations
APPROVED

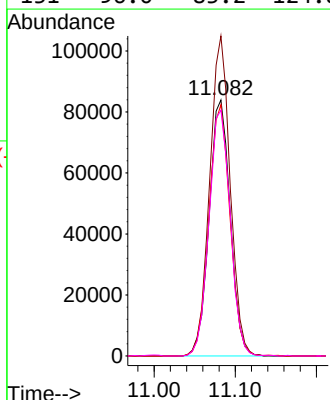
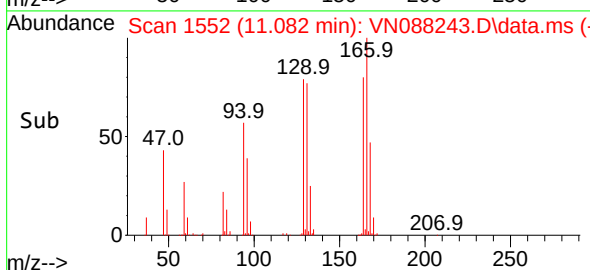
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

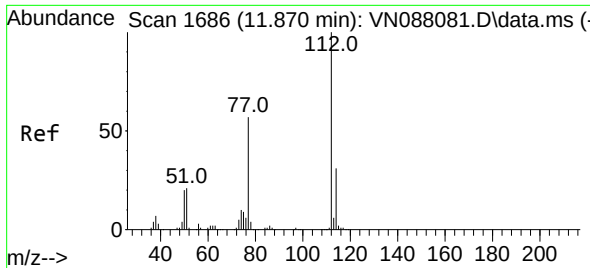


#64
Tetrachloroethene
Concen: 49.679 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06



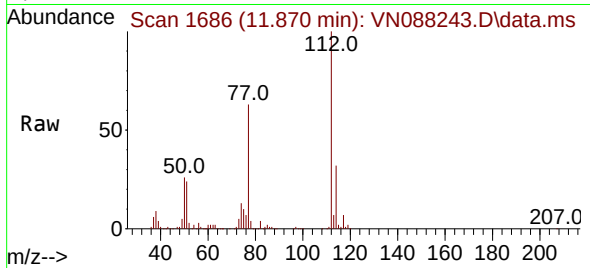
Tgt Ion:164 Resp: 151261
Ion Ratio Lower Upper
164 100
166 125.0 97.7 146.5
129 98.2 85.9 128.9
131 96.0 83.2 124.8





#65
Chlorobenzene
Concen: 52.518 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

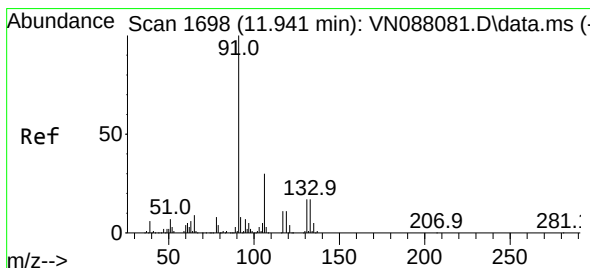
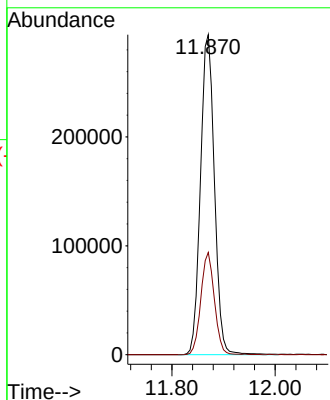
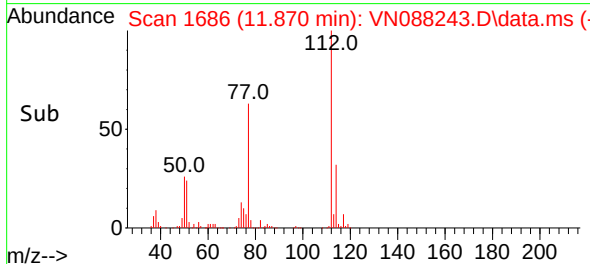
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



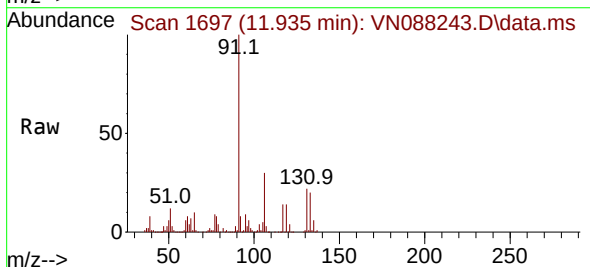
Tgt Ion:112 Resp: 550454
Ion Ratio Lower Upper
112 100
114 31.9 24.3 36.5

Manual Integrations
APPROVED

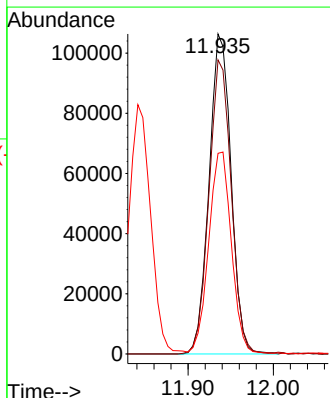
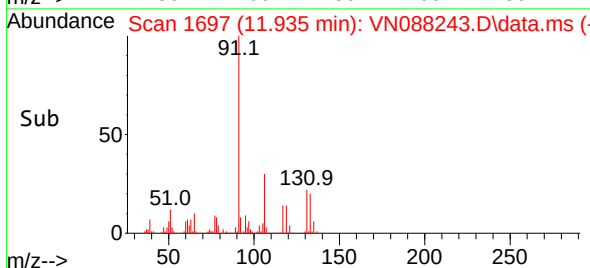
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

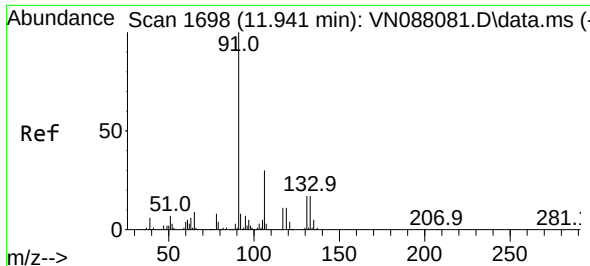


#66
1,1,1,2-Tetrachloroethane
Concen: 55.520 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06



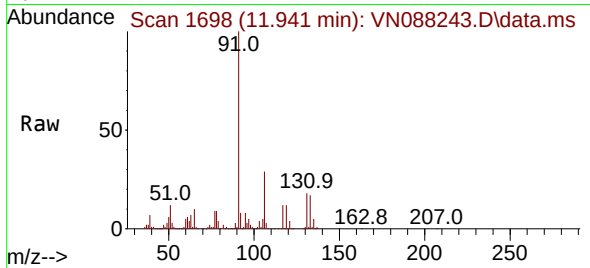
Tgt Ion:131 Resp: 190650
Ion Ratio Lower Upper
131 100
133 93.1 48.0 144.0
119 65.4 32.6 97.7





#67
Ethyl Benzene
Concen: 51.855 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

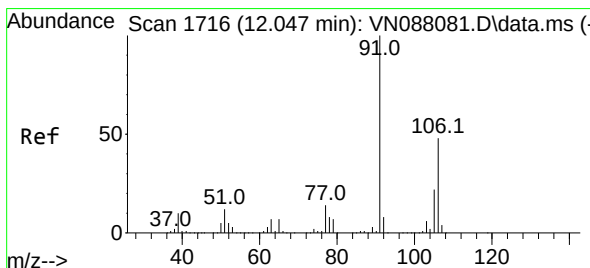
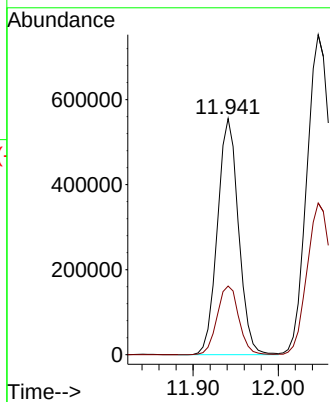
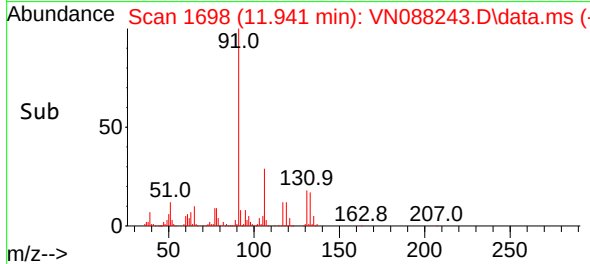
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



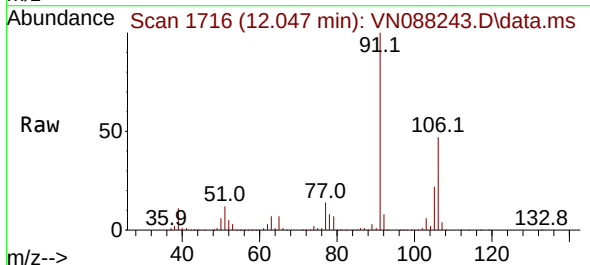
Tgt Ion: 91 Resp: 95402
Ion Ratio Lower Upper
91 100
106 29.0 24.1 36.1

Manual Integrations
APPROVED

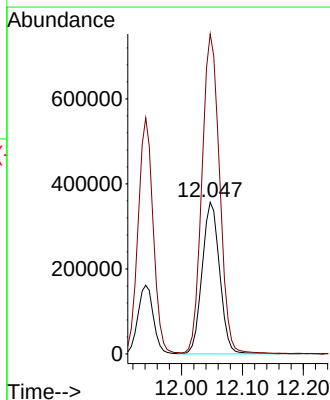
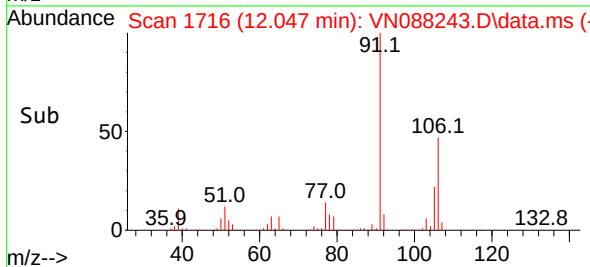
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

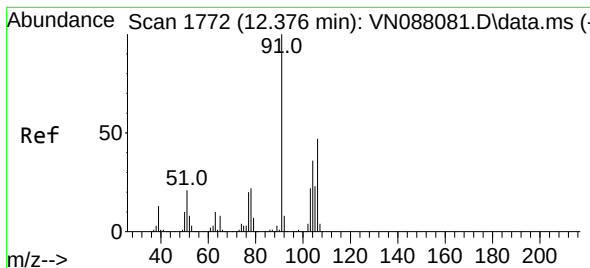


#68
m/p-Xylenes
Concen: 103.316 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06



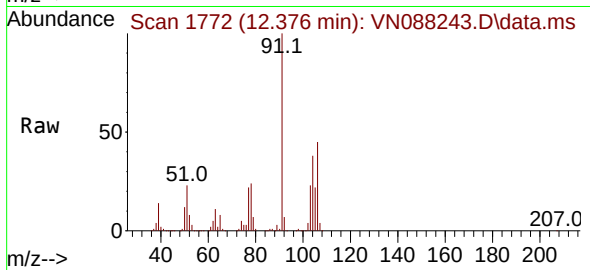
Tgt Ion:106 Resp: 712195
Ion Ratio Lower Upper
106 100
91 212.1 169.3 253.9





#69
o-Xylene
Concen: 53.600 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

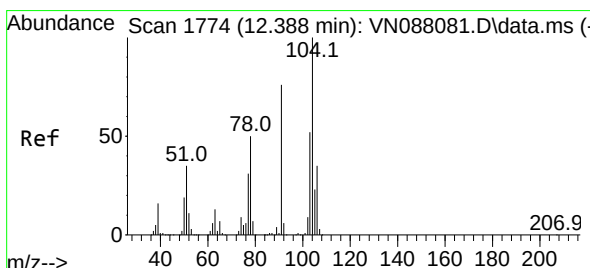
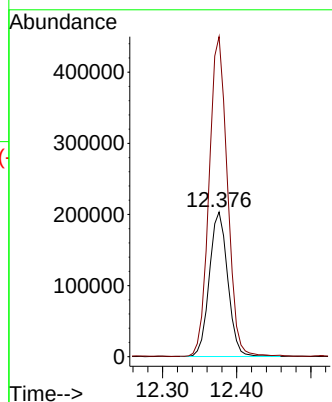
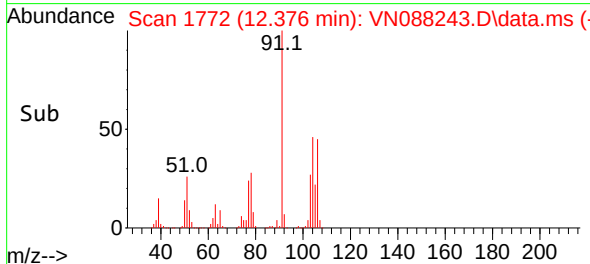
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 350258
Ion Ratio Lower Upper
106 100
91 220.6 111.4 334.2

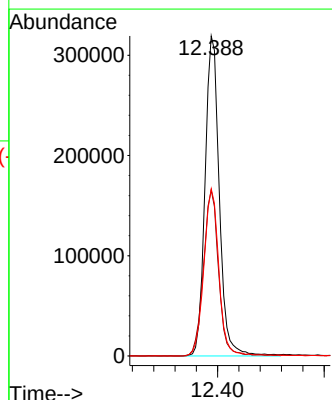
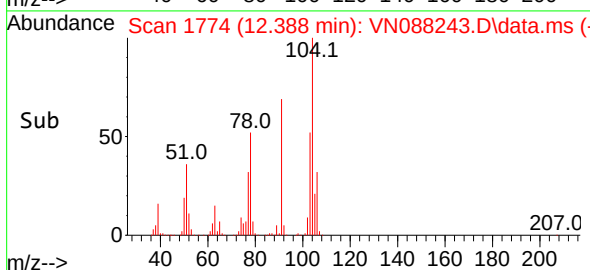
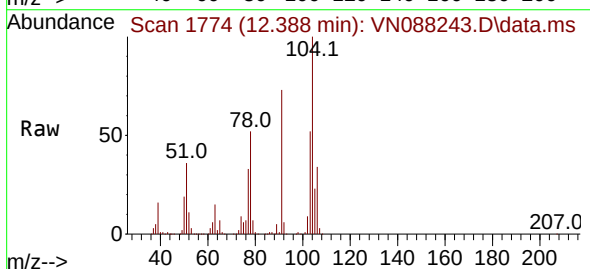
Manual Integrations
APPROVED

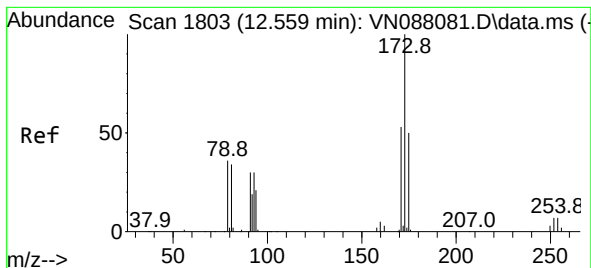
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#70
Styrene
Concen: 55.767 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Tgt Ion:104 Resp: 594258
Ion Ratio Lower Upper
104 100
78 54.7 42.2 63.2
103 54.8 43.4 65.2





#71

Bromoform

Concen: 57.843 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 148230

Ion Ratio Lower Upper

173 100

175 48.7 24.9 74.6

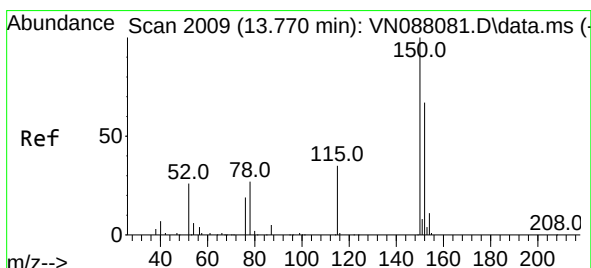
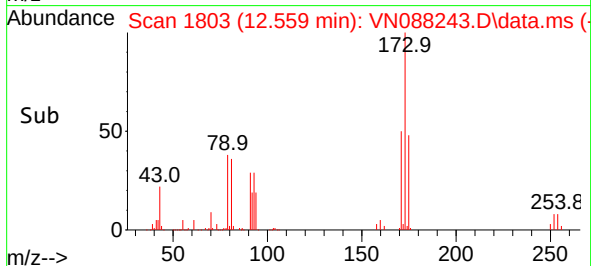
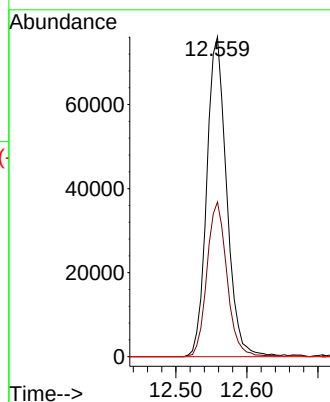
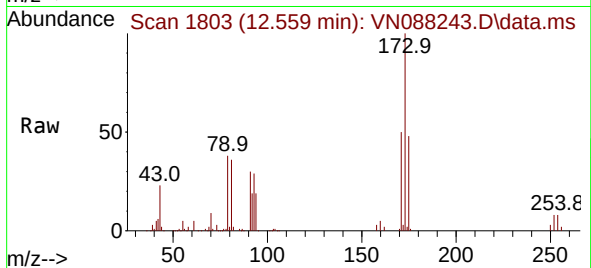
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

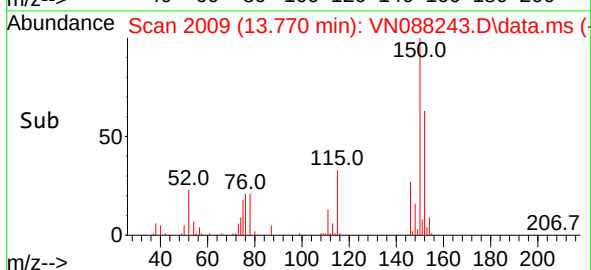
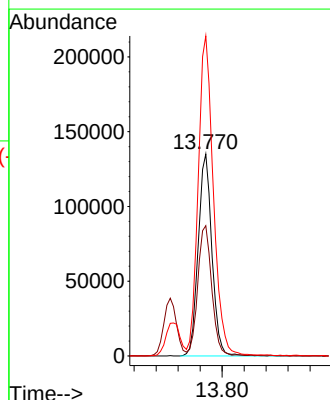
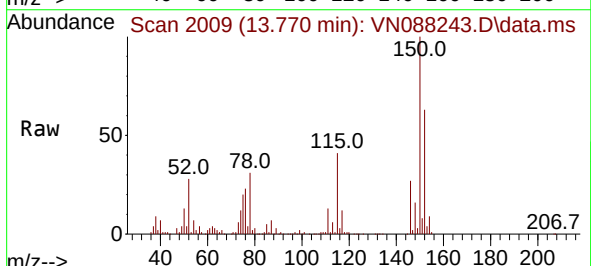
Tgt Ion:152 Resp: 234086

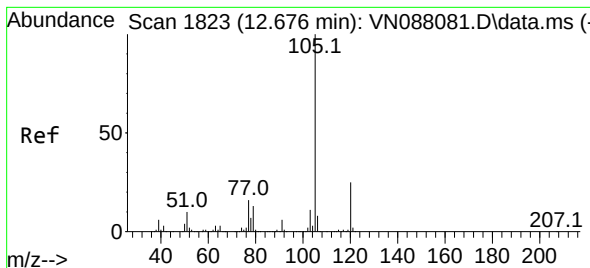
Ion Ratio Lower Upper

152 100

115 65.2 32.3 96.8

150 173.8 0.0 351.0





#73

Isopropylbenzene

Concen: 49.984 ug/l

RT: 12.670 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 90243

Ion Ratio Lower Upper

105 100

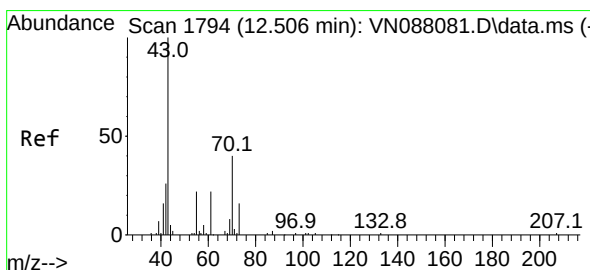
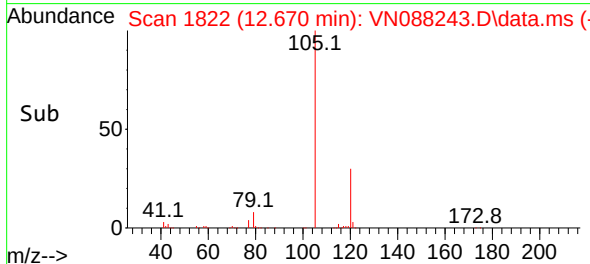
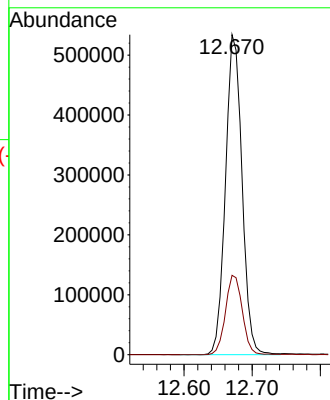
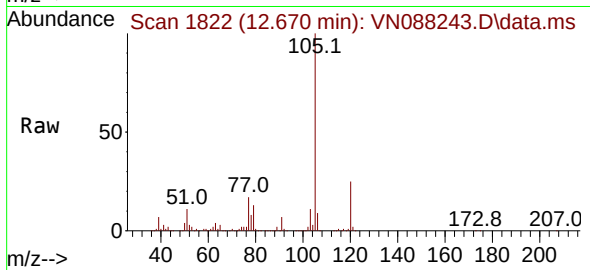
120 25.2 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#74

N-ethyl acetate

Concen: 45.644 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN088243.D

Acq: 11 Nov 2025 10:06

Tgt Ion: 43 Resp: 233935

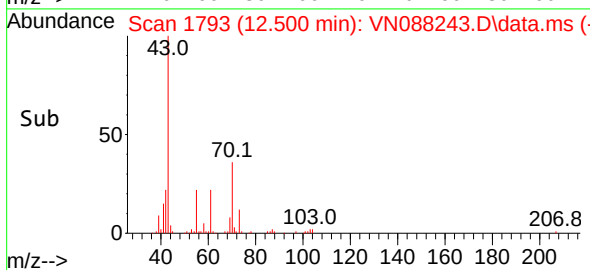
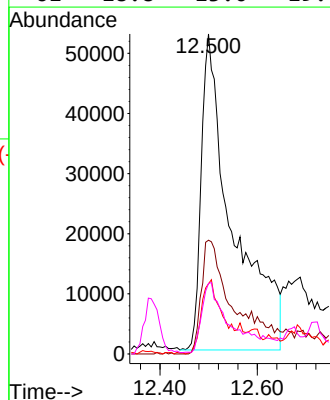
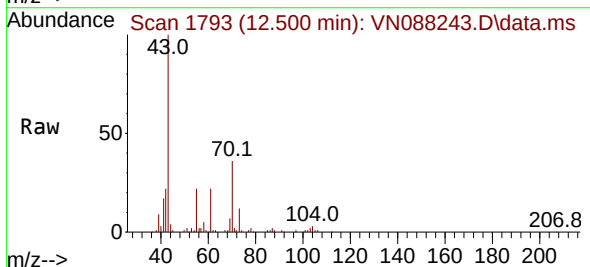
Ion Ratio Lower Upper

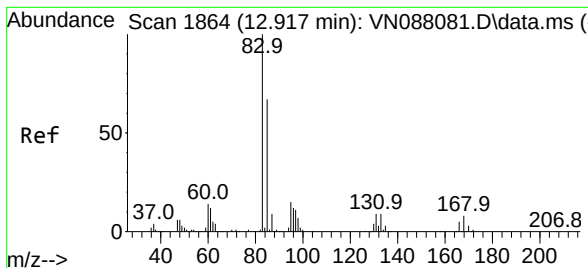
43 100

70 39.6 27.6 41.4

55 15.7 13.0 19.6

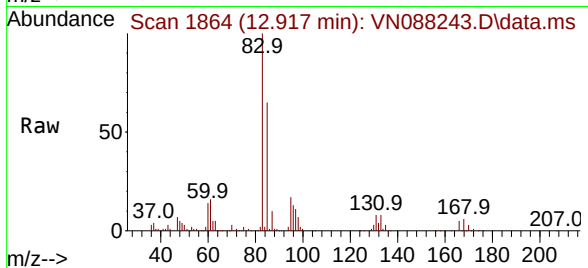
61 18.8 13.0 19.6





#75
1,1,2,2-Tetrachloroethane
Concen: 53.538 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

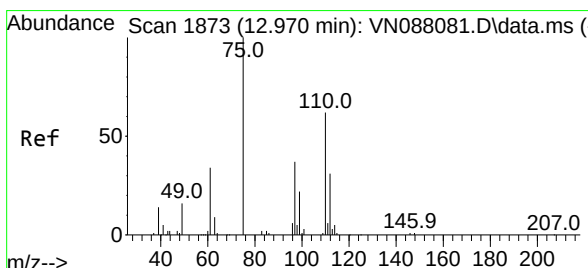
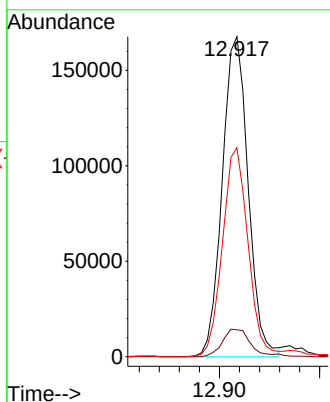
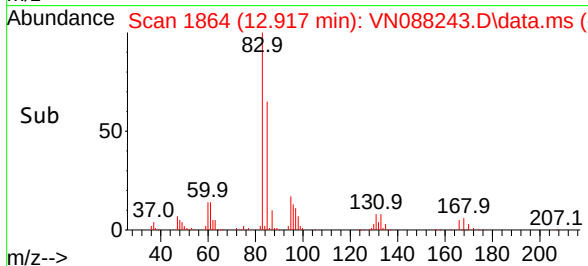
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 30093
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 64.8 32.1 96.3

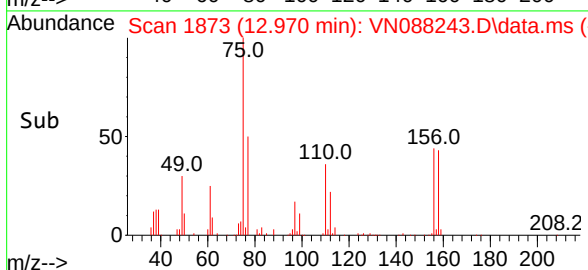
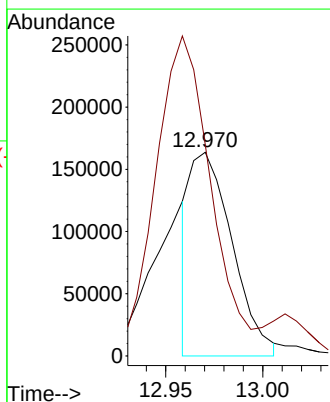
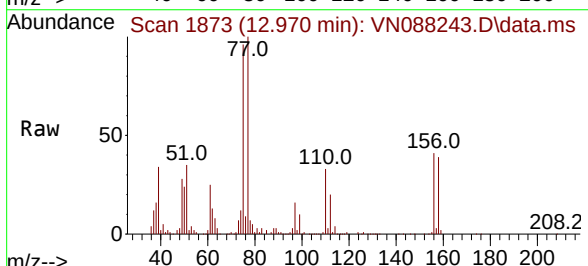
Manual Integrations
APPROVED

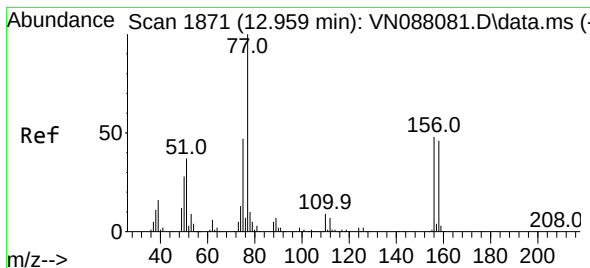
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#76
1,2,3-Trichloropropane
Concen: 45.931 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

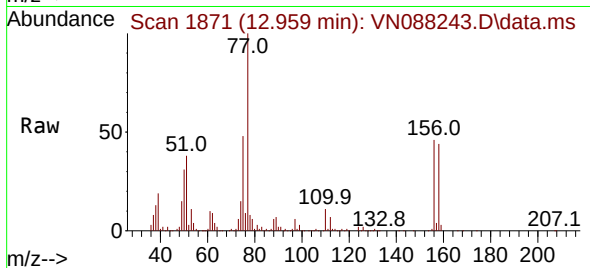
Tgt Ion: 75 Resp: 245817
Ion Ratio Lower Upper
75 100
77 208.1 89.1 267.4





#77
Bromobenzene
Concen: 54.327 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

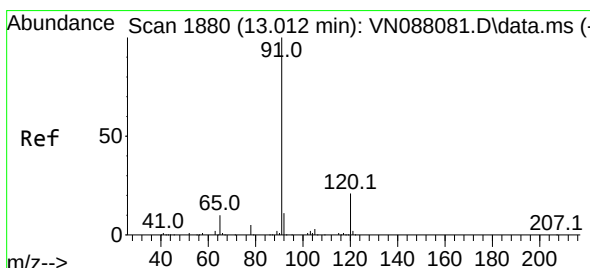
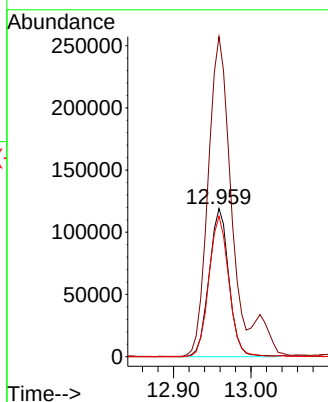
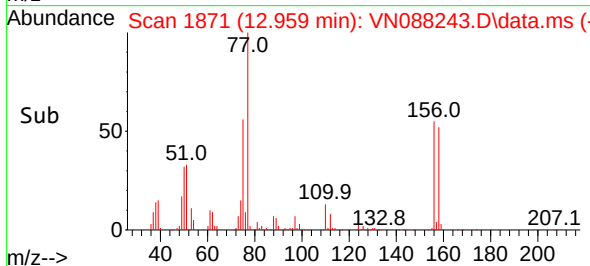
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 211507
Ion Ratio Lower Upper
156 100
77 241.8 119.3 358.0
158 95.4 48.2 144.6

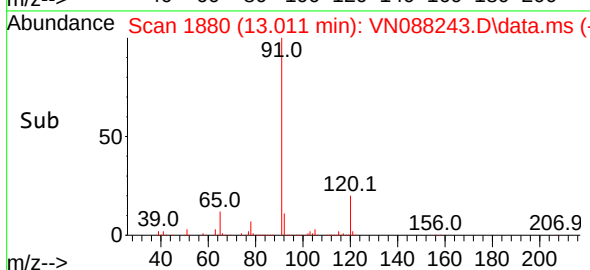
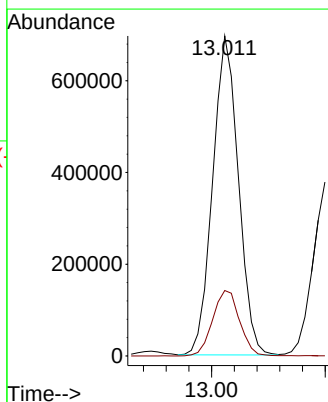
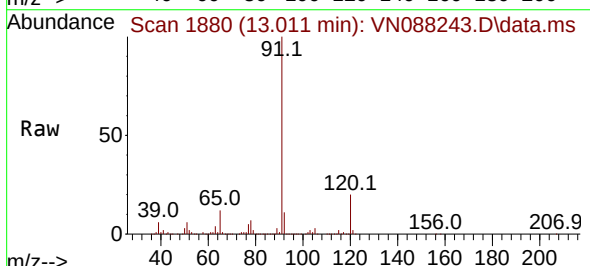
Manual Integrations
APPROVED

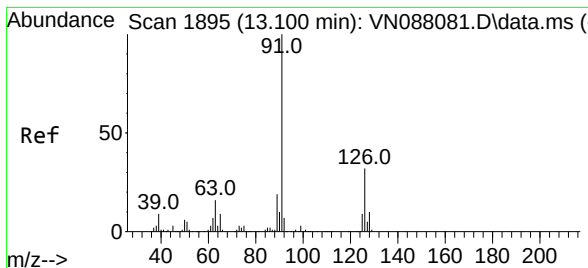
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#78
n-propylbenzene
Concen: 49.588 ug/l
RT: 13.011 min Scan# 1880
Delta R.T. -0.001 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Tgt Ion: 91 Resp: 1092558
Ion Ratio Lower Upper
91 100
120 21.5 10.7 32.1





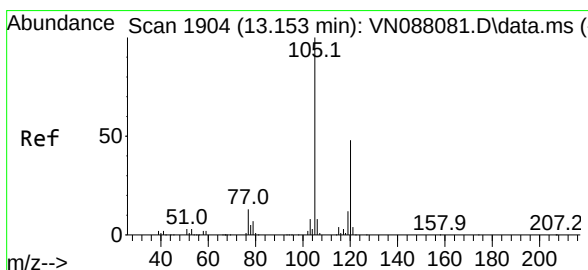
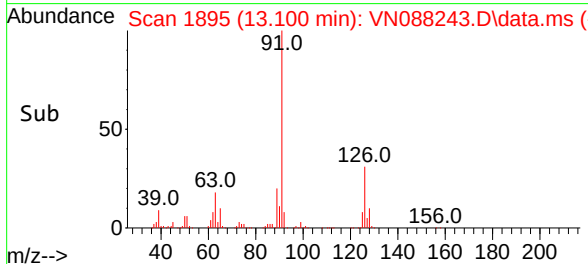
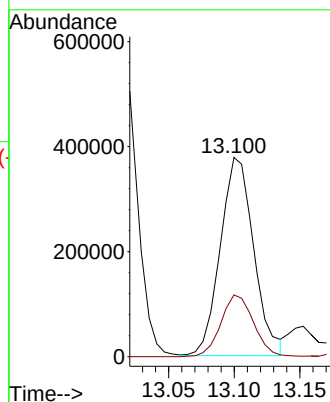
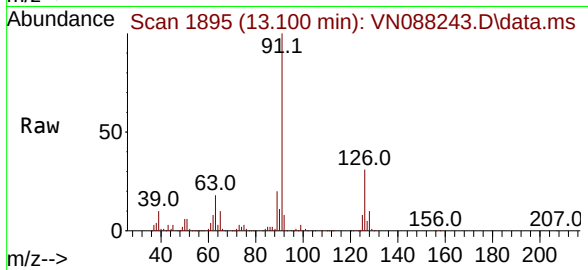
#79
2-Chlorotoluene
Concen: 53.386 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 67078
Ion Ratio Lower Upper
91 100
126 30.5 16.1 48.3

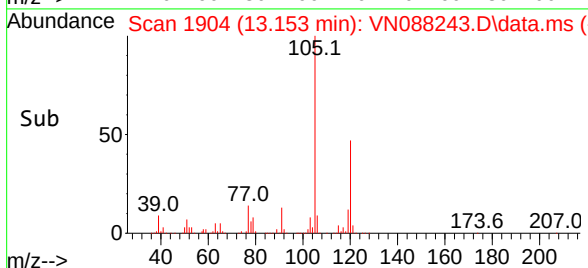
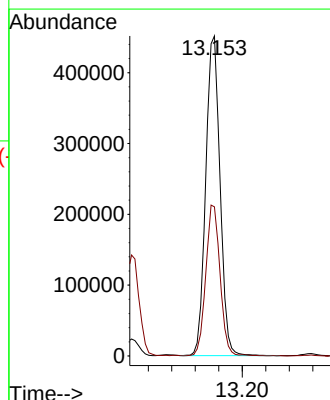
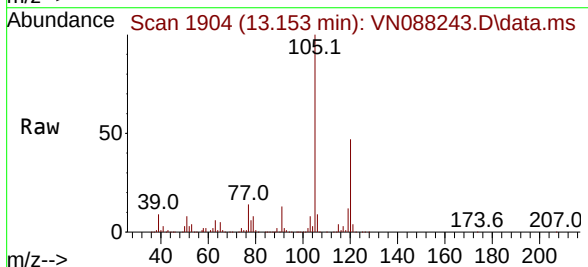
Manual Integrations
APPROVED

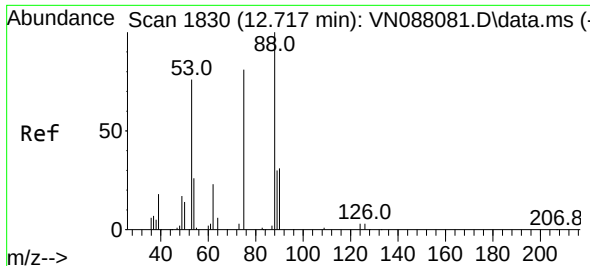
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.759 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

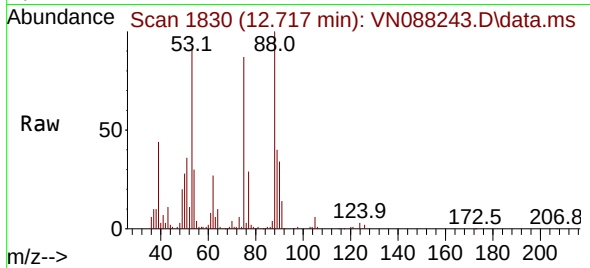
Tgt Ion:105 Resp: 761095
Ion Ratio Lower Upper
105 100
120 47.0 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 54.949 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

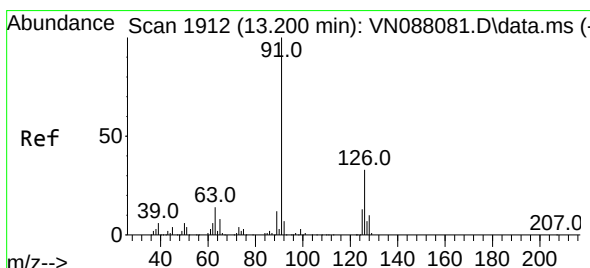
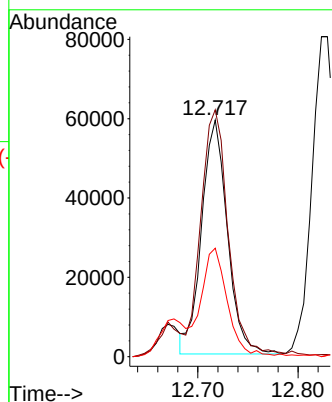
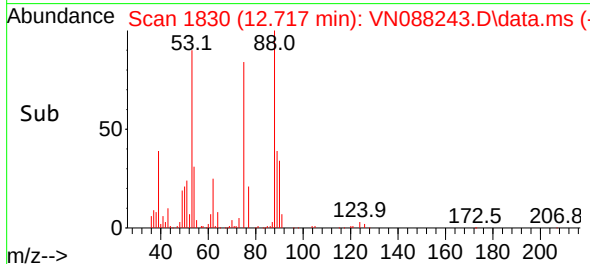
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 105423
Ion Ratio Lower Upper
75 100
53 109.0 101.8 152.6
89 46.4 35.6 53.4

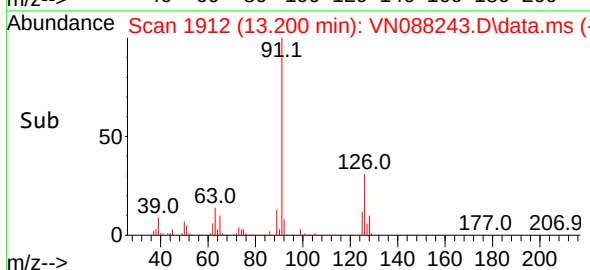
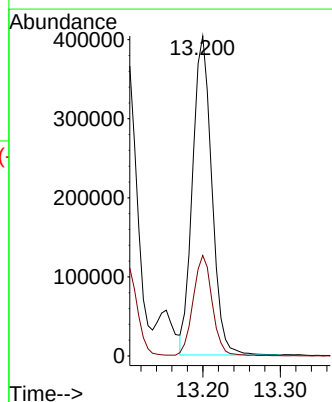
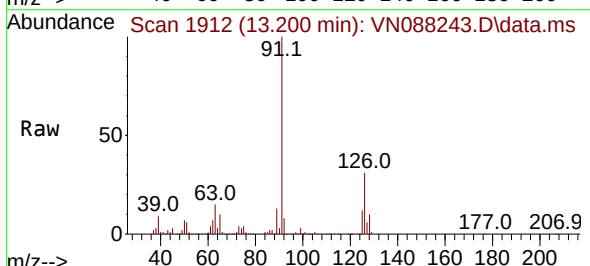
Manual Integrations
APPROVED

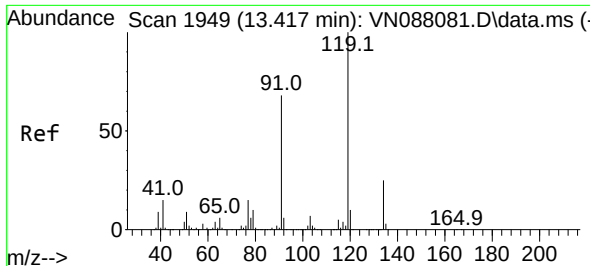
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#82
4-Chlorotoluene
Concen: 51.044 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

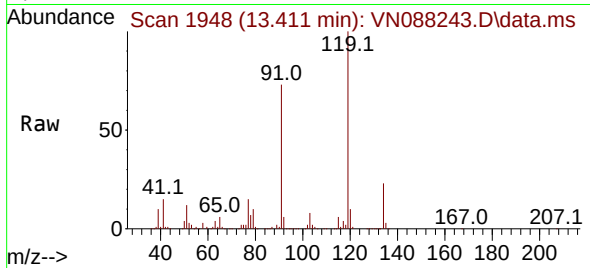
Tgt Ion: 91 Resp: 693891
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8





#83
tert-Butylbenzene
Concen: 48.695 ug/l
RT: 13.411 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

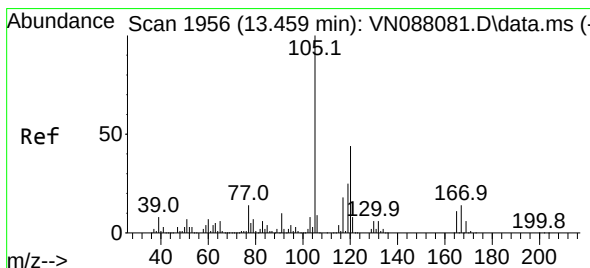
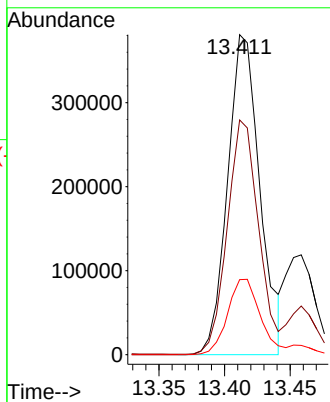
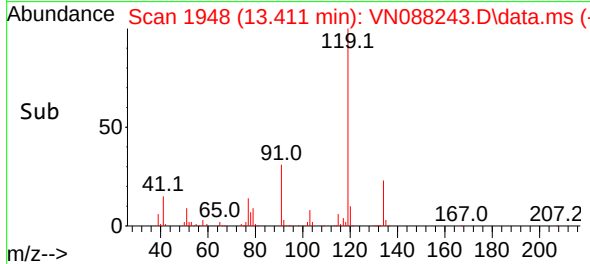
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 652230
Ion Ratio Lower Upper
119 100
91 71.0 35.0 105.0
134 24.0 12.6 37.8

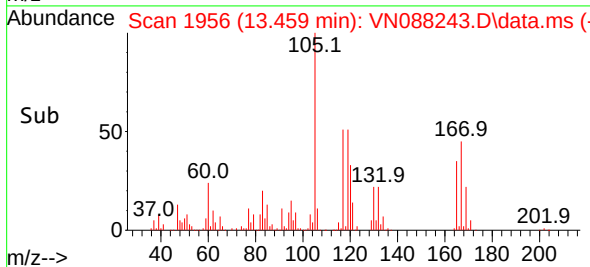
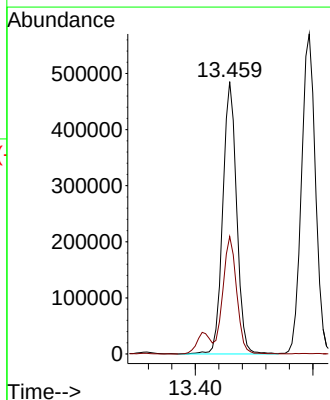
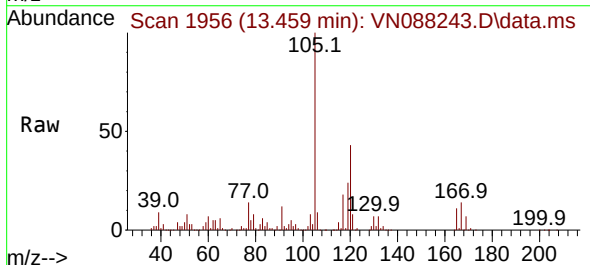
Manual Integrations
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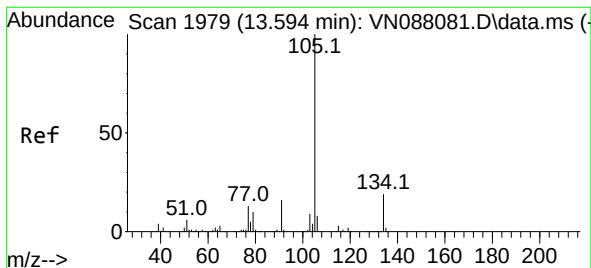
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#84
1,2,4-Trimethylbenzene
Concen: 52.808 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Tgt Ion:105 Resp: 792222
Ion Ratio Lower Upper
105 100
120 42.9 22.0 66.0





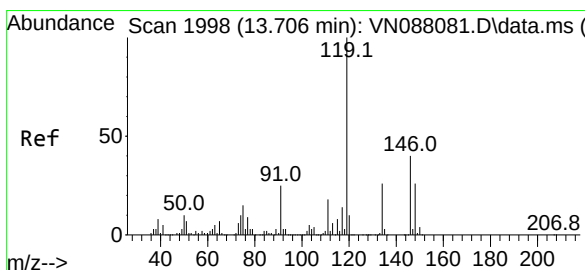
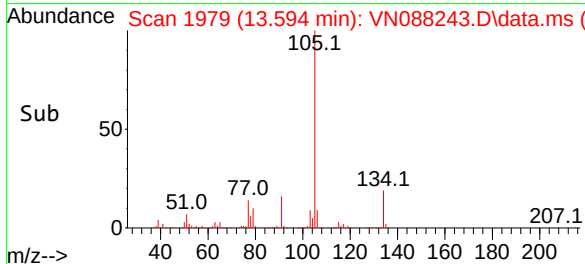
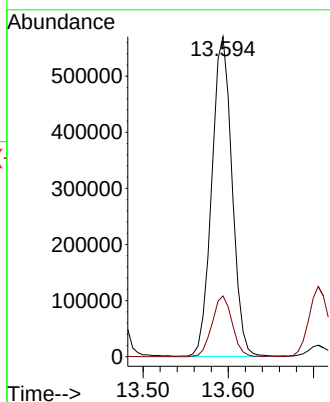
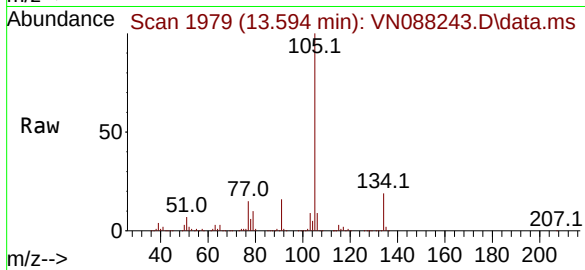
#85
 sec-Butylbenzene
 Concen: 47.923 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088243.D
 Acq: 11 Nov 2025 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 943089
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6

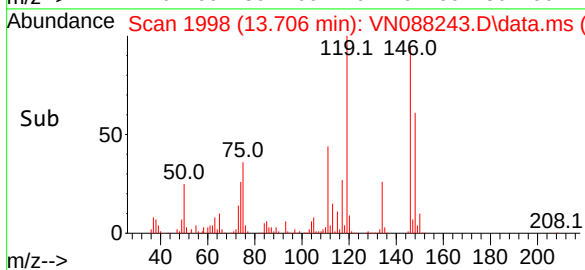
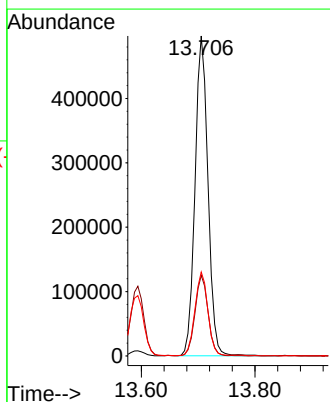
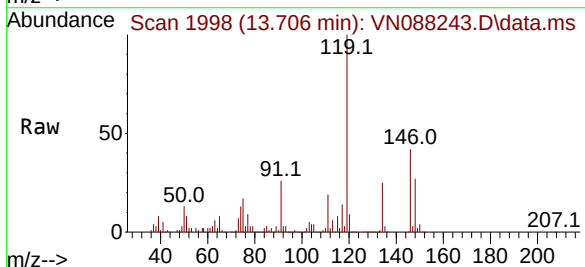
Manual Integrations
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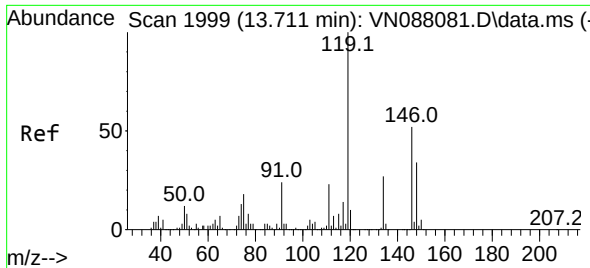
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#86
 p-Isopropyltoluene
 Concen: 49.853 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088243.D
 Acq: 11 Nov 2025 10:06

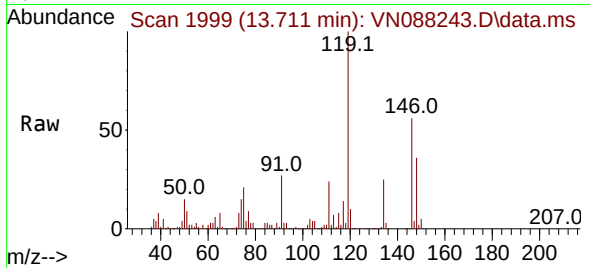
Tgt Ion:119 Resp: 787019
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.0
 91 26.2 12.5 37.5





#87
 1,3-Dichlorobenzene
 Concen: 52.368 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088243.D
 Acq: 11 Nov 2025 10:06

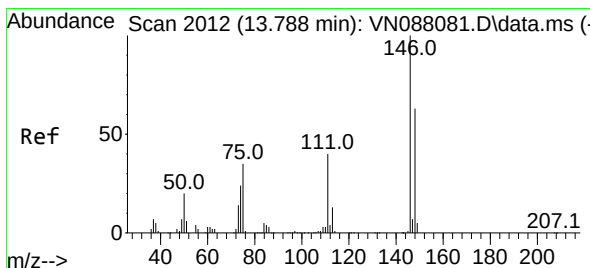
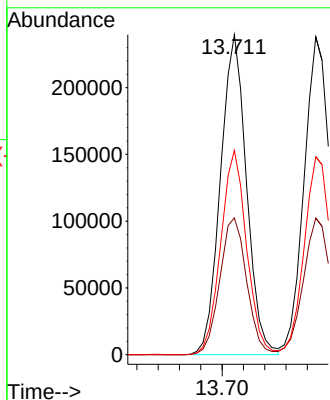
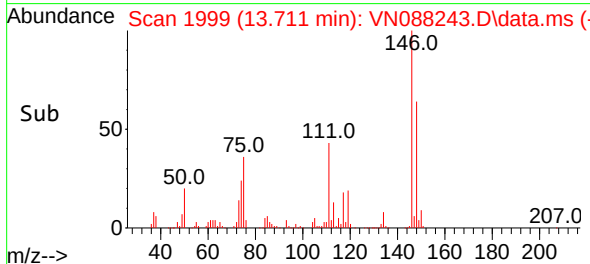
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



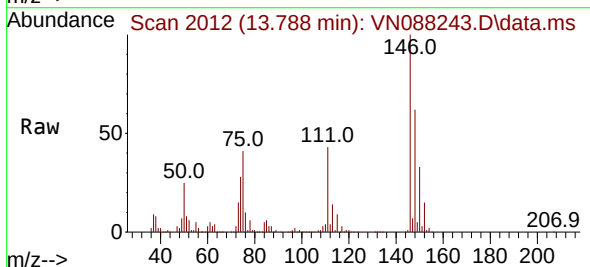
Tgt Ion:146 Resp: 407000
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.1 66.5
 148 63.6 32.0 96.2

Manual Integrations
 APPROVED

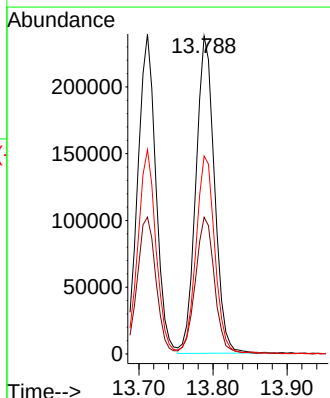
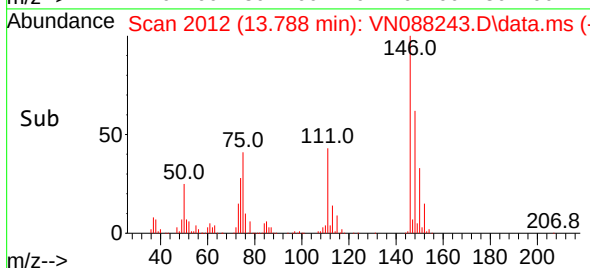
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

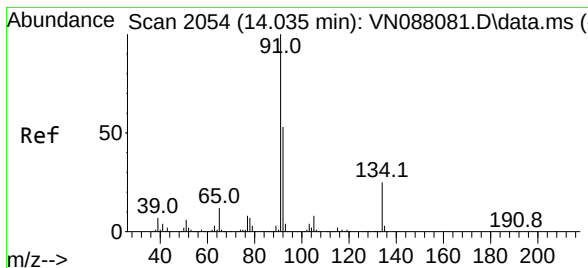


#88
 1,4-Dichlorobenzene
 Concen: 49.438 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088243.D
 Acq: 11 Nov 2025 10:06



Tgt Ion:146 Resp: 412687
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.0 63.0
 148 62.3 32.0 96.0





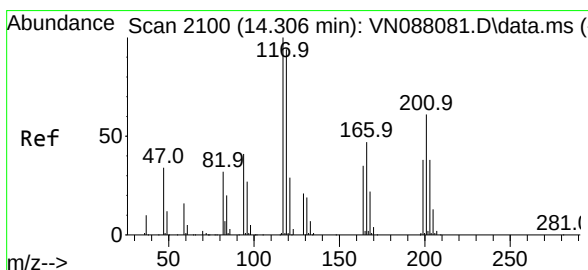
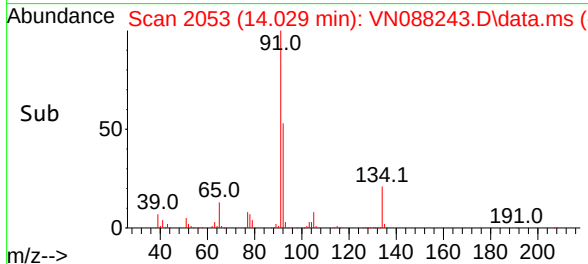
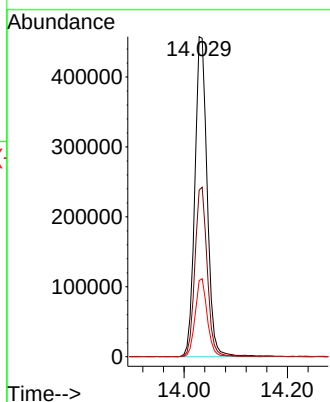
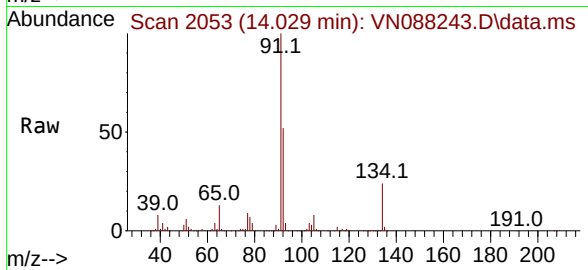
#89
n-Butylbenzene
Concen: 48.462 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 757820
Ion Ratio Lower Upper
91 100
92 52.9 25.9 77.8
134 24.0 11.7 35.0

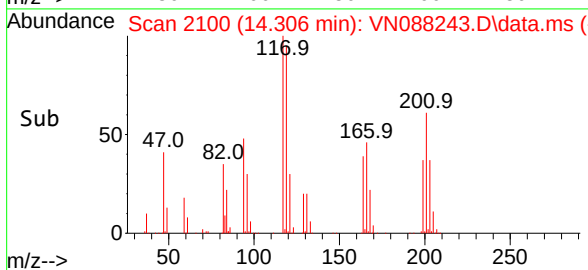
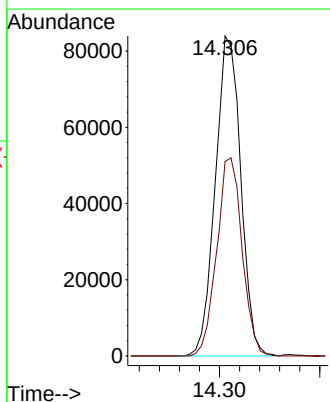
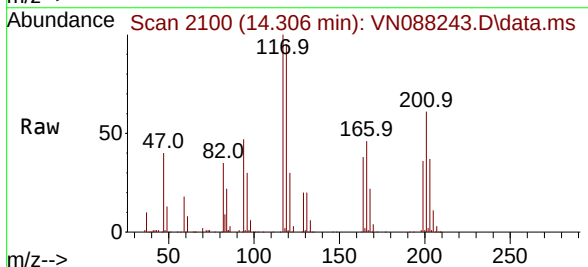
Manual Integrations
APPROVED

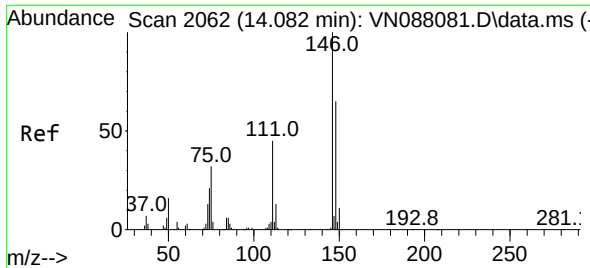
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#90
Hexachloroethane
Concen: 48.269 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Tgt Ion:117 Resp: 147565
Ion Ratio Lower Upper
117 100
201 61.7 29.1 87.4





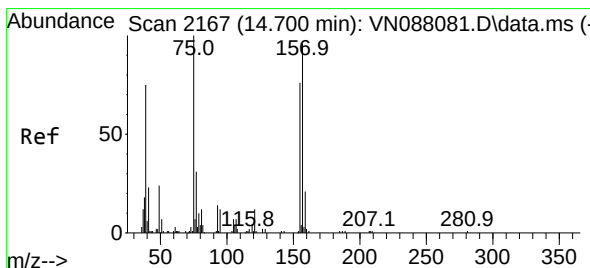
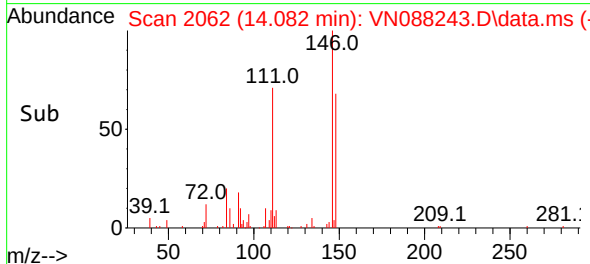
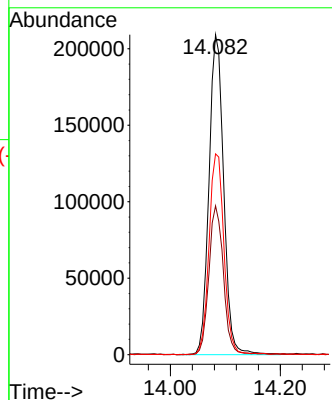
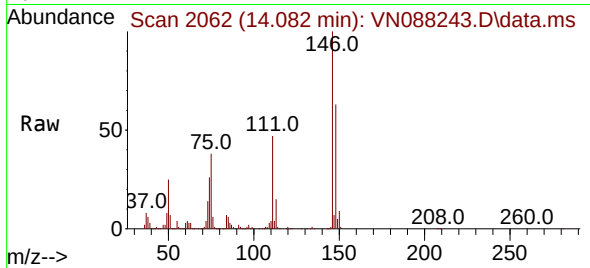
#91
 1,2-Dichlorobenzene
 Concen: 51.832 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088243.D
 Acq: 11 Nov 2025 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 38831
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.6 67.8
 148 63.5 31.9 95.9

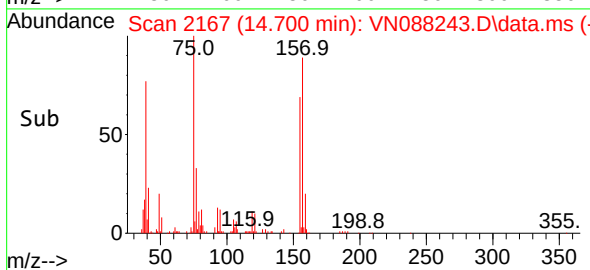
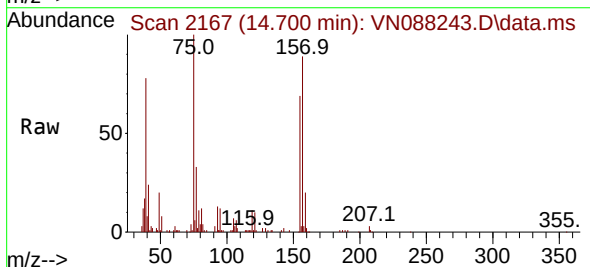
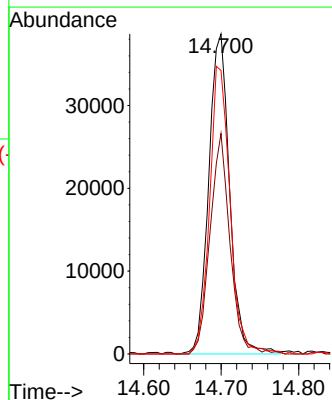
Manual Integrations
 APPROVED

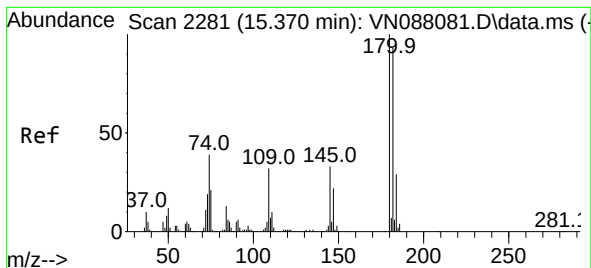
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.398 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN088243.D
 Acq: 11 Nov 2025 10:06

Tgt Ion: 75 Resp: 72477
 Ion Ratio Lower Upper
 75 100
 155 65.6 36.6 109.9
 157 88.1 45.6 136.9





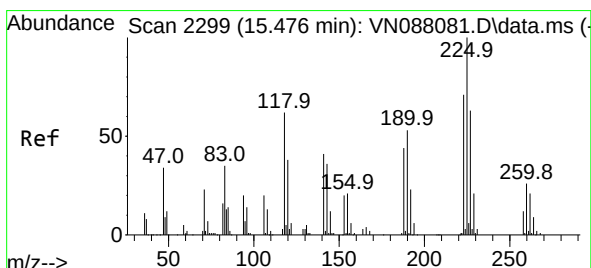
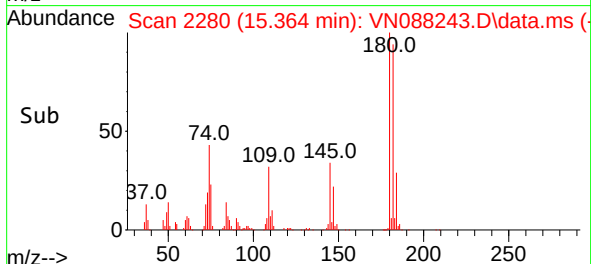
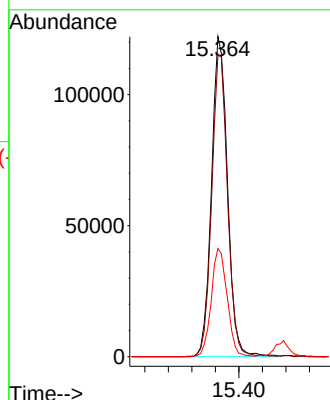
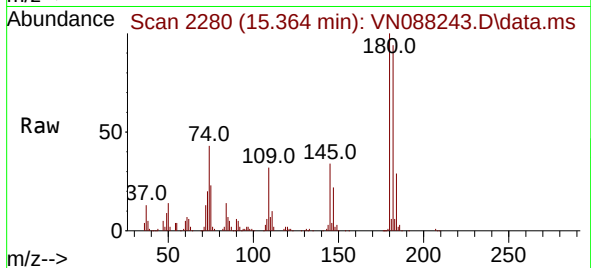
#93
1,2,4-Trichlorobenzene
Concen: 50.859 ug/l
RT: 15.364 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 230760
Ion Ratio Lower Upper
180 100
182 93.6 47.6 142.9
145 33.7 16.5 49.5

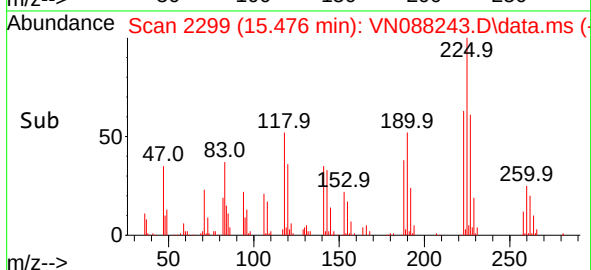
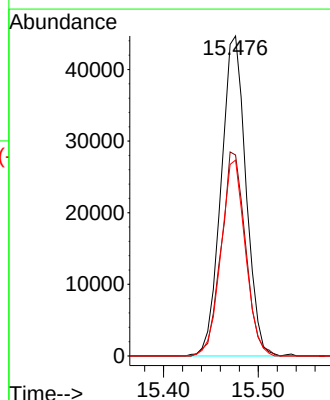
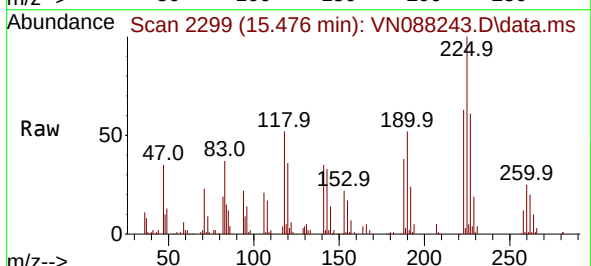
Manual Integrations
APPROVED

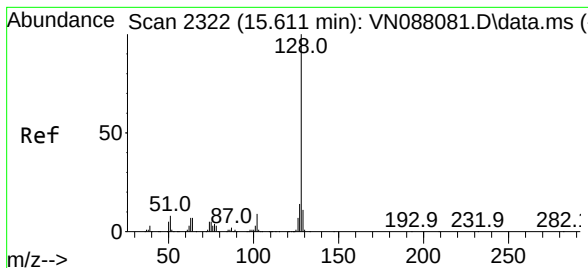
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#94
Hexachlorobutadiene
Concen: 48.135 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

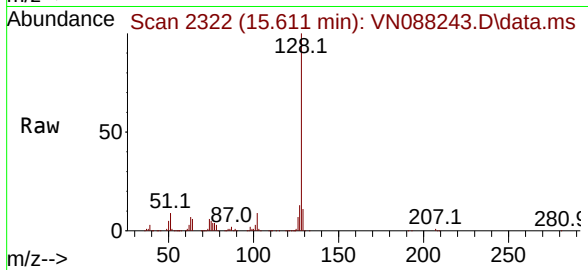
Tgt Ion:225 Resp: 81330
Ion Ratio Lower Upper
225 100
223 62.6 32.0 96.2
227 60.1 32.1 96.5





#95
Naphthalene
Concen: 51.830 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

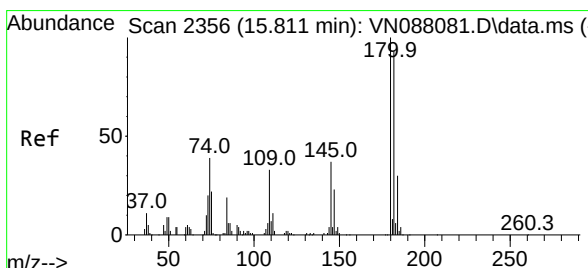
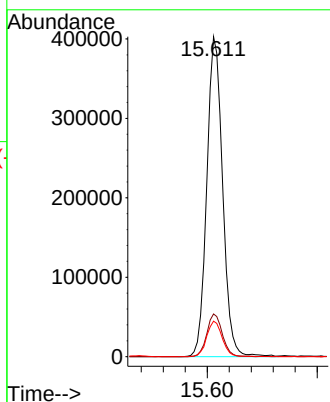
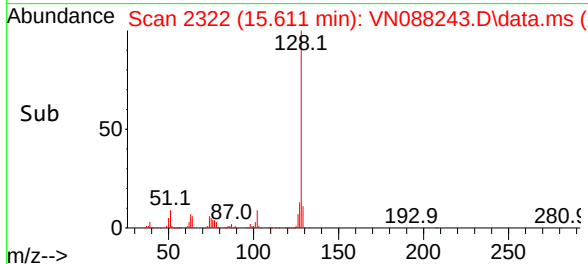
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 805609
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.094 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088243.D
Acq: 11 Nov 2025 10:06

Tgt Ion:180 Resp: 217932
Ion Ratio Lower Upper
180 100
182 95.8 46.8 140.3
145 36.1 17.3 52.0

