

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112425\
 Data File : VN088346.D
 Acq On : 24 Nov 2025 13:32
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 25 01:10:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:08:44 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	289343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	521967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	446626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	210470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	106028	20.258	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.520%#		
35) Dibromofluoromethane	8.147	113	73055	20.412	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.820%#		
50) Toluene-d8	10.547	98	269703	19.772	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.540%#		
62) 4-Bromofluorobenzene	12.823	95	86319	18.015	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	36.020%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	92076	26.032	ug/l	100
3) Chloromethane	2.383	50	93182	22.664	ug/l	98
4) Vinyl Chloride	2.542	62	99078	22.487	ug/l	96
5) Bromomethane	2.983	94	45414	17.699	ug/l	100
6) Chloroethane	3.142	64	57451	18.515	ug/l	96
7) Trichlorofluoromethane	3.518	101	135233	19.875	ug/l	92
8) Diethyl Ether	3.965	74	45755	17.600	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	73956	20.959	ug/l	98
10) Methyl Iodide	4.583	142	67559	19.958	ug/l	92
11) Tert butyl alcohol	5.518	59	86464	94.506	ug/l	98
12) 1,1-Dichloroethene	4.341	96	69587	18.614	ug/l	85
13) Acrolein	4.177	56	76430	76.371	ug/l	97
14) Allyl chloride	5.012	41	129326	19.307	ug/l	97
15) Acrylonitrile	5.712	53	250269	100.698	ug/l	99
16) Acetone	4.424	43	186448	73.735	ug/l	96
17) Carbon Disulfide	4.706	76	236468	20.496	ug/l	96
18) Methyl Acetate	5.018	43	110778	20.161	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	259864	18.502	ug/l	94
20) Methylene Chloride	5.265	84	81446	18.395	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	78223	18.913	ug/l	98
22) Diisopropyl ether	6.659	45	282262	20.050	ug/l	96
23) Vinyl Acetate	6.588	43	1155611m	92.730	ug/l	
24) 1,1-Dichloroethane	6.553	63	156012	19.969	ug/l	100
25) 2-Butanone	7.471	43	316859	92.154	ug/l	99
26) 2,2-Dichloropropane	7.471	77	137140	19.531	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	91877	19.178	ug/l	97
28) Bromochloromethane	7.794	49	79117	21.681	ug/l	100
29) Tetrahydrofuran	7.829	42	228189	99.785	ug/l	99
30) Chloroform	7.953	83	156345	20.153	ug/l	99
31) Cyclohexane	8.235	56	146307	20.327	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	137952	20.154	ug/l	98
36) 1,1-Dichloropropene	8.353	75	110824	21.032	ug/l	98
37) Ethyl Acetate	7.547	43	151153	21.576	ug/l	99
38) Carbon Tetrachloride	8.347	117	114374	21.060	ug/l	95
39) Methylcyclohexane	9.582	83	126502	19.203	ug/l	96
40) Benzene	8.588	78	335961	20.753	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	73287	20.203	ug/l	96
42) 1,2-Dichloroethane	8.653	62	124453	21.266	ug/l	98
43) Isopropyl Acetate	8.671	43	221861	20.765	ug/l	98
44) Trichloroethene	9.329	130	79876	21.175	ug/l	91
45) 1,2-Dichloropropane	9.600	63	83979	20.433	ug/l #	87
46) Dibromomethane	9.688	93	60253	20.513	ug/l	98
47) Bromodichloromethane	9.865	83	122415	20.808	ug/l	93
48) Methyl methacrylate	9.659	41	102560	20.792	ug/l	97
49) 1,4-Dioxane	9.676	88	28593	459.989	ug/l #	98
51) 4-Methyl-2-Pentanone	10.423	43	689576	108.887	ug/l	99
52) Toluene	10.612	92	196223	19.843	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	124926	19.996	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	131162	19.787	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	75992	20.142	ug/l	96
56) Ethyl methacrylate	10.853	69	116597	19.380	ug/l	97
57) 1,3-Dichloropropane	11.141	76	135028	20.301	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	347449	108.270	ug/l	98
59) 2-Hexanone	11.176	43	424244	101.867	ug/l	98
60) Dibromochloromethane	11.335	129	84716	19.753	ug/l	99
61) 1,2-Dibromoethane	11.447	107	76002	19.518	ug/l	99
64) Tetrachloroethene	11.076	164	73746	23.611	ug/l	96
65) Chlorobenzene	11.870	112	207406	19.968	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	70330	20.500	ug/l	98
67) Ethyl Benzene	11.941	91	359781	19.735	ug/l	96
68) m/p-Xylenes	12.047	106	274942	40.335	ug/l	99
69) o-Xylene	12.376	106	128919	19.957	ug/l	96
70) Styrene	12.388	104	207850	19.642	ug/l	99
71) Bromoform	12.559	173	50951	19.929	ug/l #	98
73) Isopropylbenzene	12.670	105	332053	20.064	ug/l	100
74) N-amyl acetate	12.682	43	98732m	20.946	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	103664	20.037	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	106718m	21.331	ug/l	
77) Bromobenzene	12.959	156	72921	20.125	ug/l	98
78) n-propylbenzene	13.011	91	414648	20.557	ug/l	99
79) 2-Chlorotoluene	13.100	91	240017	20.663	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	279116	20.300	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	30676	16.850	ug/l #	72
82) 4-Chlorotoluene	13.200	91	247131	19.645	ug/l	97
83) tert-Butylbenzene	13.417	119	233493	19.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	278702	20.229	ug/l	98
85) sec-Butylbenzene	13.594	105	334307	18.805	ug/l	99
86) p-Isopropyltoluene	13.706	119	280364	19.577	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	144838	20.267	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	150329	19.514	ug/l	99
89) n-Butylbenzene	14.035	91	265582	18.845	ug/l	99
90) Hexachloroethane	14.311	117	48067	17.489	ug/l	97
91) 1,2-Dichlorobenzene	14.088	146	133291	19.325	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23868	19.429	ug/l	99
93) 1,2,4-Trichlorobenzene	15.370	180	75854	18.265	ug/l	95
94) Hexachlorobutadiene	15.470	225	29359	19.288	ug/l	98
95) Naphthalene	15.611	128	266281	18.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	74795	18.658	ug/l	98

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VSTDICC020

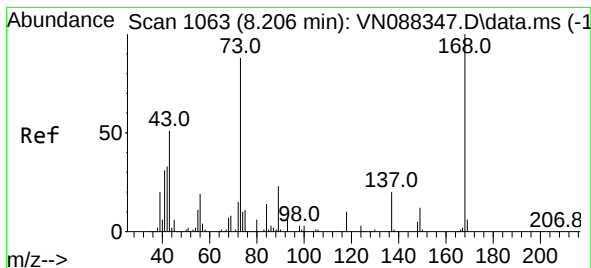
Manual Integrations
APPROVED

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Quant Time: Nov 25 01:10:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:08:44 2025
Response via : Initial Calibration

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

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:168 Resp: 28934

Ion Ratio Lower Upper

168 100

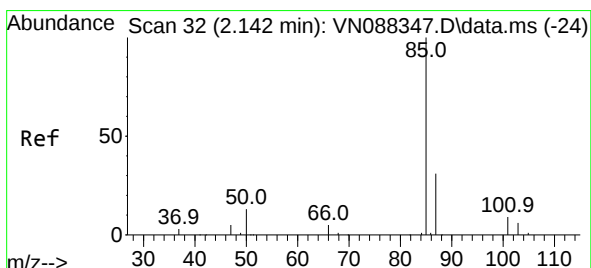
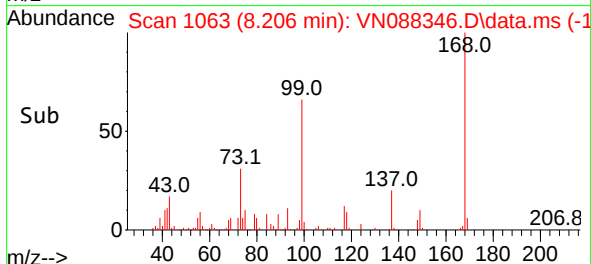
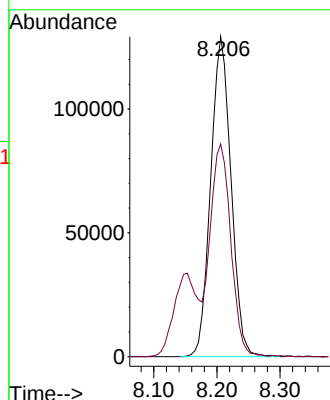
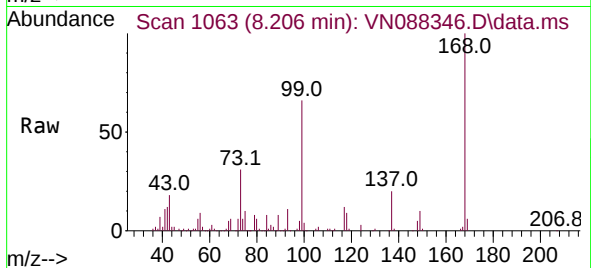
99 66.1 57.1 85.7

Manual Integrations

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Supervised By :Mahesh Dadoda 11/26/2025



#2

Dichlorodifluoromethane

Concen: 26.032 ug/l

RT: 2.142 min Scan# 32

Delta R.T. -0.000 min

Lab File: VN088346.D

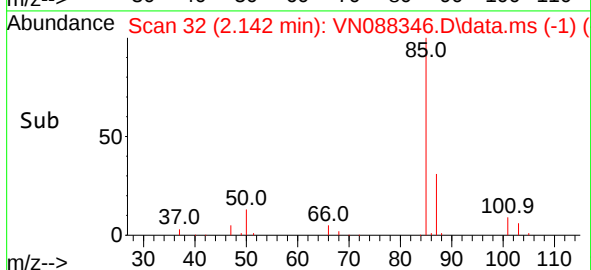
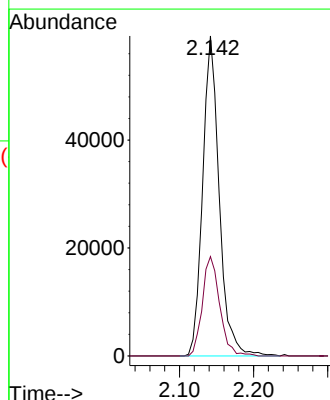
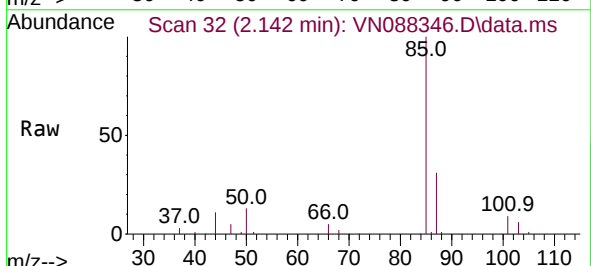
Acq: 24 Nov 2025 13:32

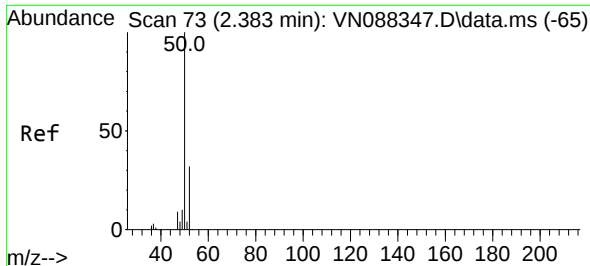
Tgt Ion: 85 Resp: 92076

Ion Ratio Lower Upper

85 100

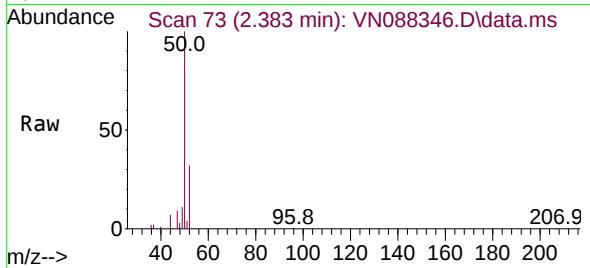
87 31.0 15.6 46.7





#3
Chloromethane
Concen: 22.664 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

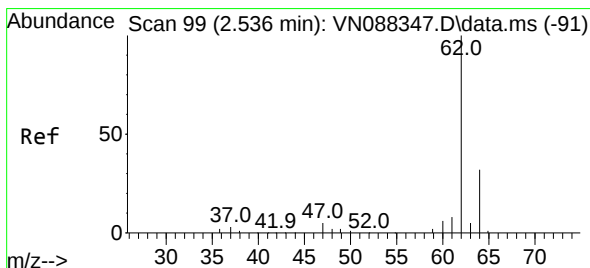
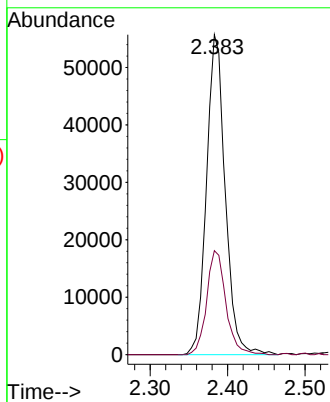
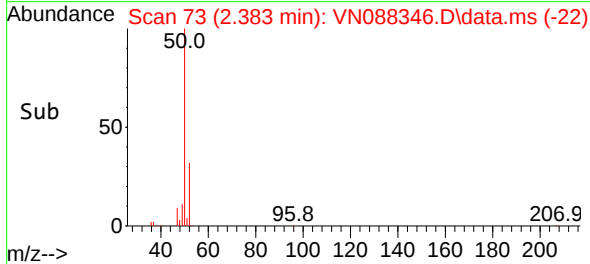
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 93182
Ion Ratio Lower Upper
50 100
52 32.5 25.2 37.8

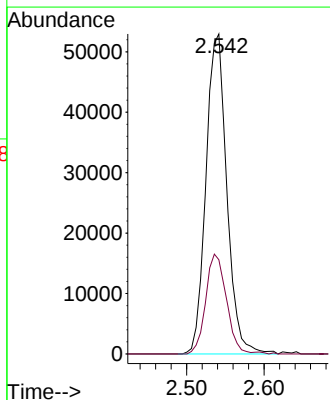
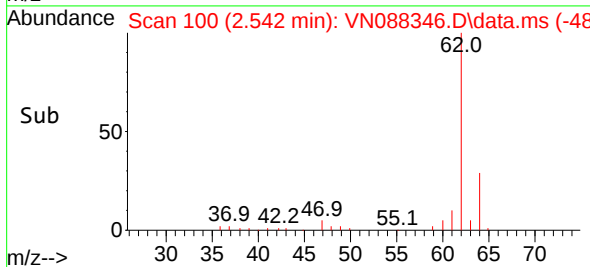
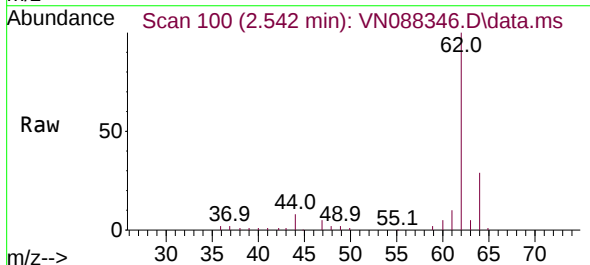
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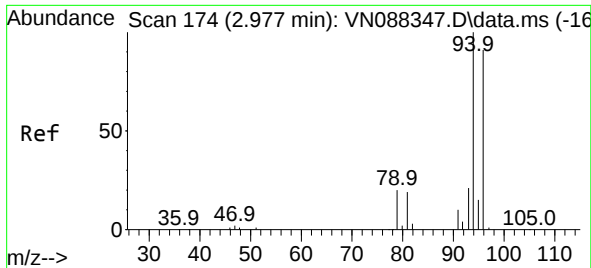
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#4
Vinyl Chloride
Concen: 22.487 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

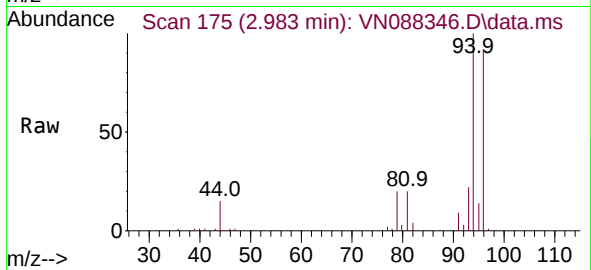
Tgt Ion: 62 Resp: 99078
Ion Ratio Lower Upper
62 100
64 29.4 25.4 38.2





#5
Bromomethane
Concen: 17.699 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

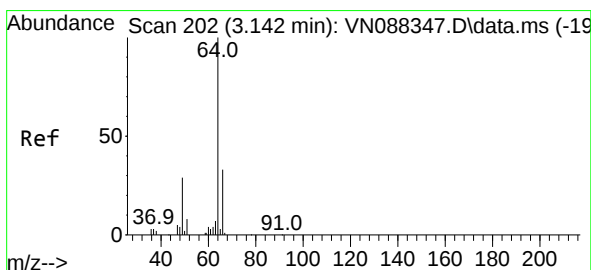
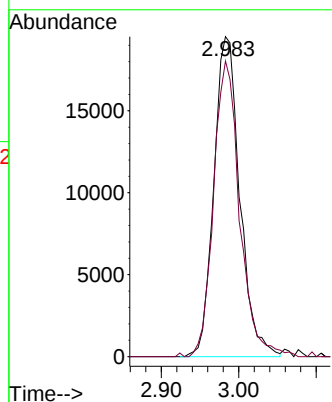
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 94 Resp: 45414
Ion Ratio Lower Upper
94 100
96 91.3 73.2 109.8

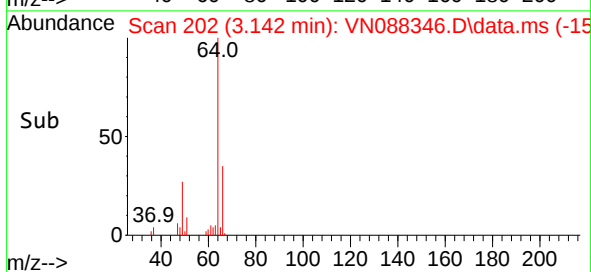
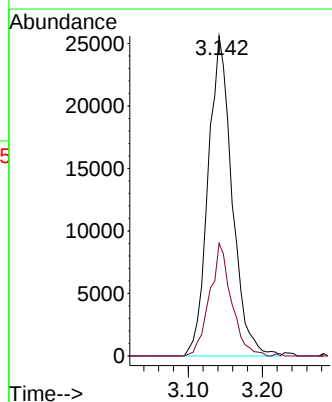
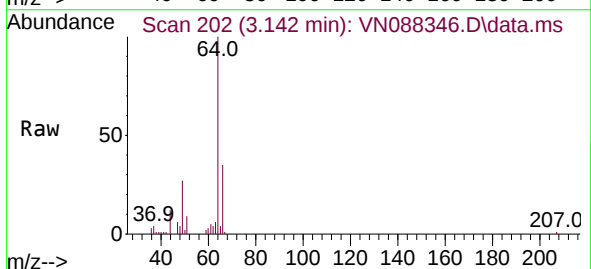
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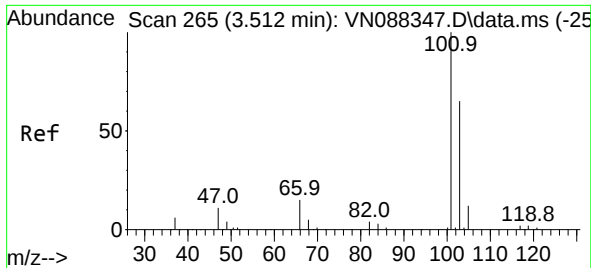
Reviewed By :John Carlone 11/25/2025
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#6
Chloroethane
Concen: 18.515 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

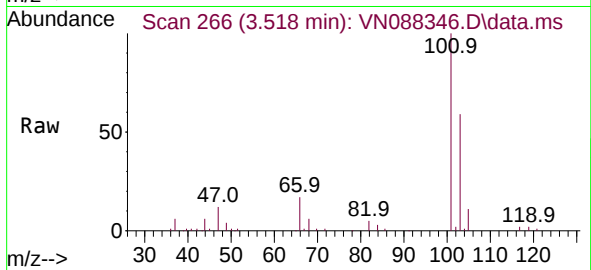
Tgt Ion: 64 Resp: 57451
Ion Ratio Lower Upper
64 100
66 35.2 26.4 39.6





#7
Trichlorofluoromethane
Concen: 19.875 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088346.D
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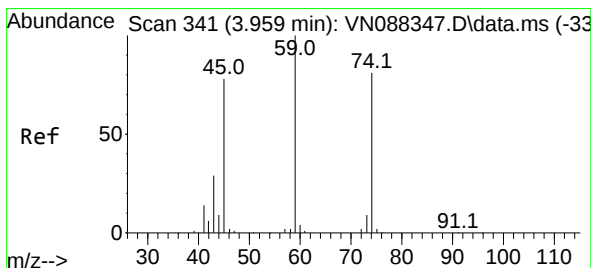
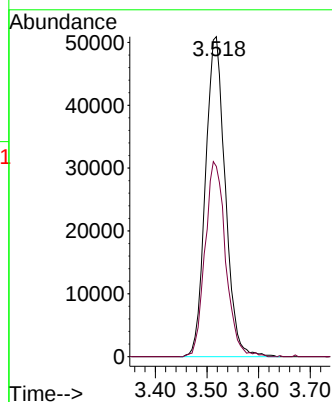
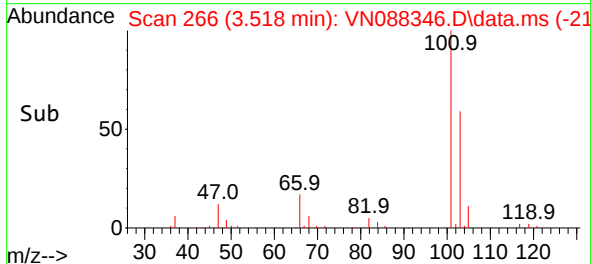
Instrument :
MSVOA_N
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VSTDICC020



Tgt Ion:101 Resp: 135233
Ion Ratio Lower Upper
101 100
103 59.4 52.3 78.5

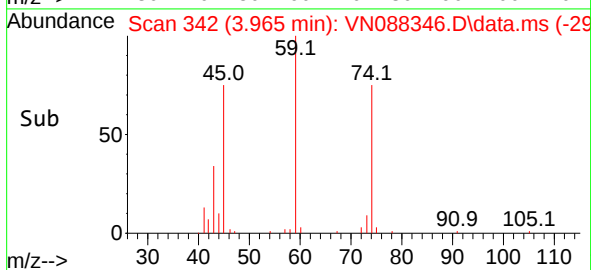
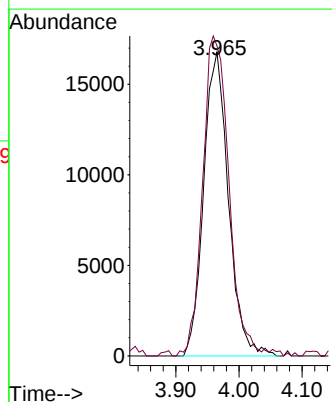
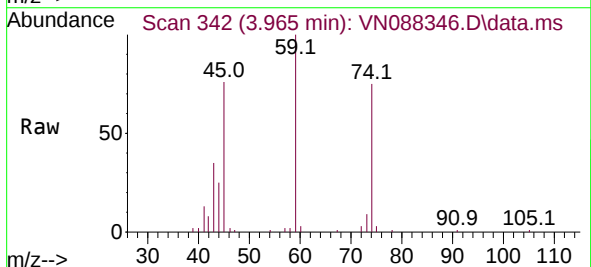
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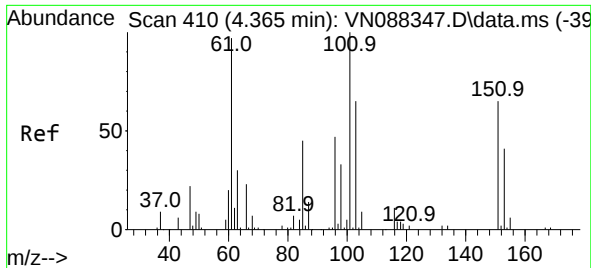
Reviewed By :John Carlone 11/25/2025
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#8
Diethyl Ether
Concen: 17.600 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Tgt Ion: 74 Resp: 45755
Ion Ratio Lower Upper
74 100
45 110.8 54.2 162.6





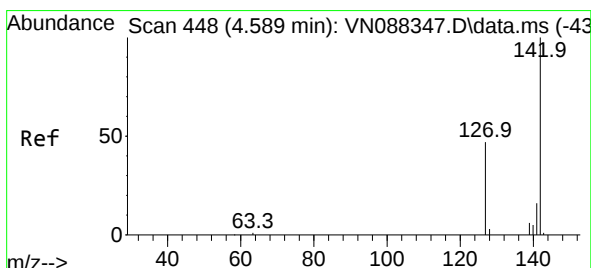
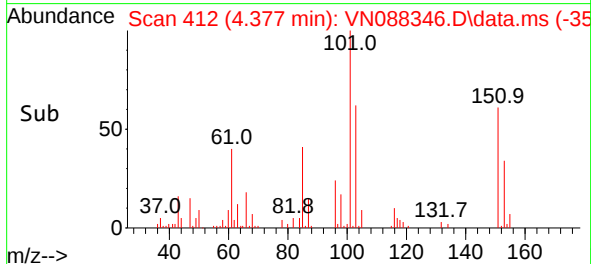
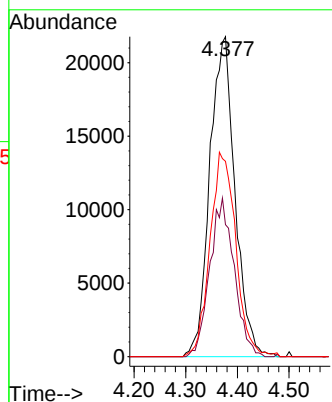
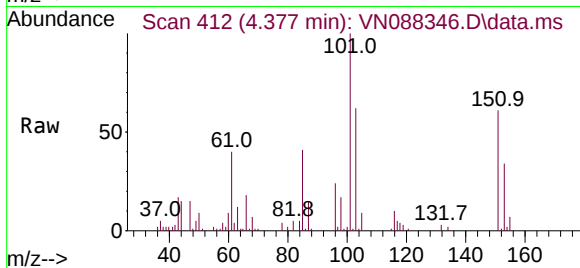
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1,1,2-Trichlorotrifluoroethane
Concen: 20.959 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Instrument :
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Tgt Ion:101 Resp: 73956
Ion Ratio Lower Upper
101 100
85 47.9 39.2 58.8
151 65.6 53.6 80.4

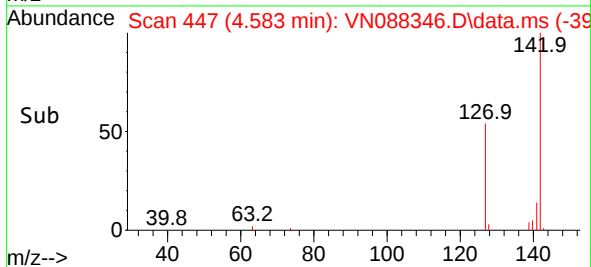
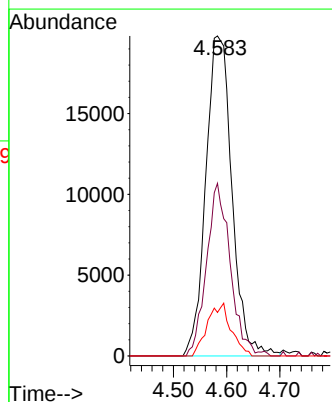
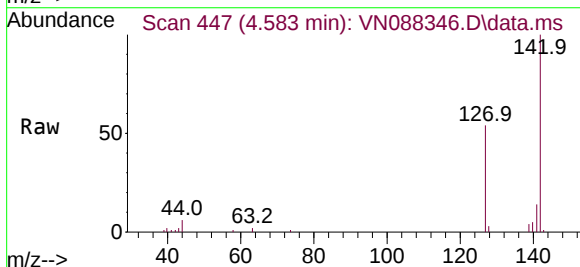
Manual Integrations
APPROVED

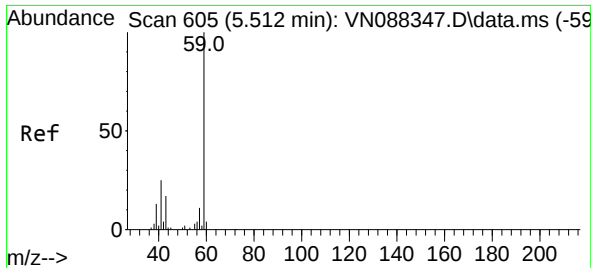
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#10
Methyl Iodide
Concen: 19.958 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

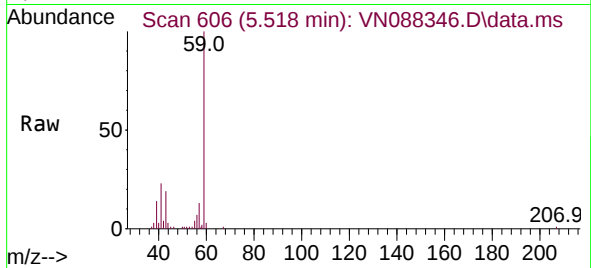
Tgt Ion:142 Resp: 67559
Ion Ratio Lower Upper
142 100
127 53.9 37.9 56.9
141 13.6 12.4 18.6





#11
Tert butyl alcohol
Concen: 94.506 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

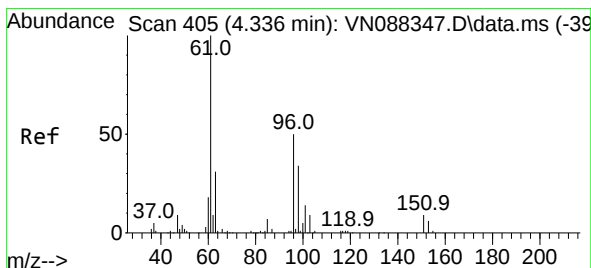
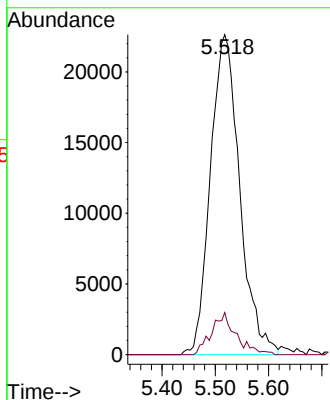
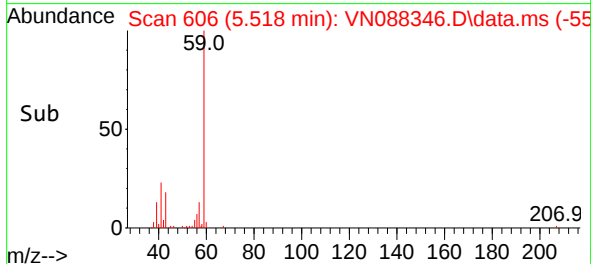
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 59 Resp: 86464
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7

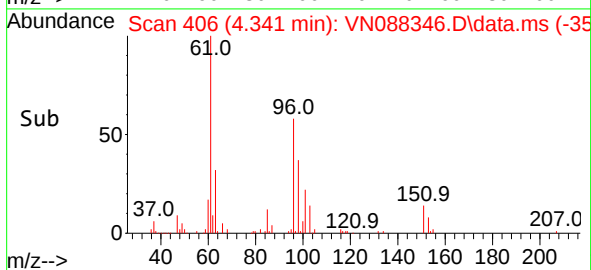
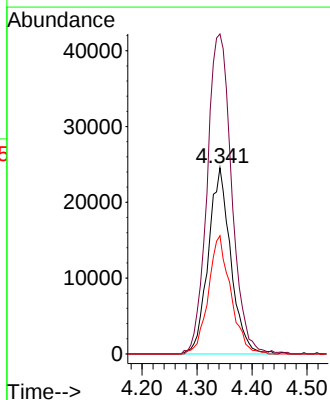
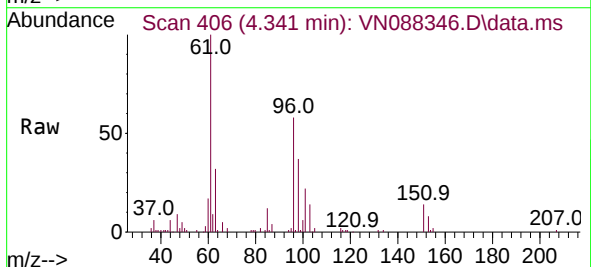
Manual Integrations
APPROVED

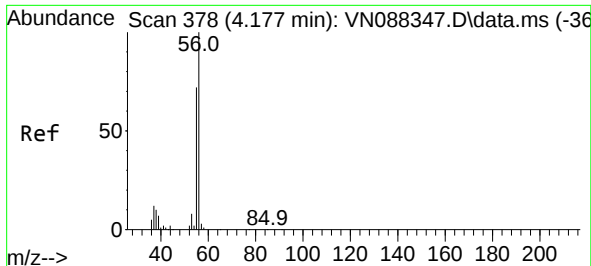
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#12
1,1-Dichloroethene
Concen: 18.614 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Tgt Ion: 96 Resp: 69587
Ion Ratio Lower Upper
96 100
61 171.9 159.1 238.7
98 63.4 53.7 80.5





#13

Acrolein

Concen: 76.371 ug/l

RT: 4.177 min Scan# 378

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 76436

Ion Ratio Lower Upper

56 100

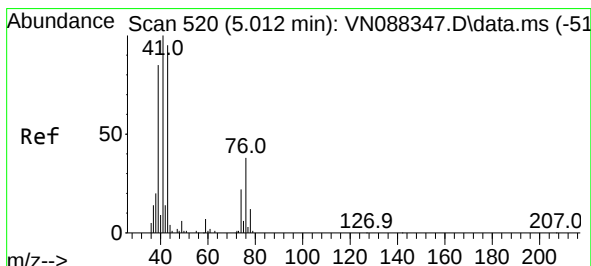
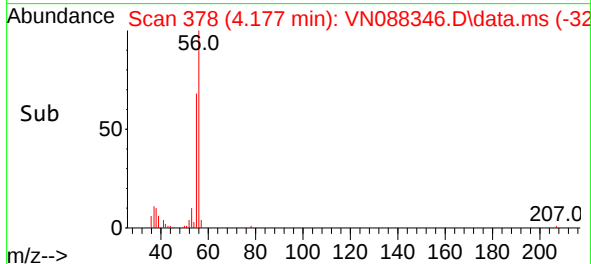
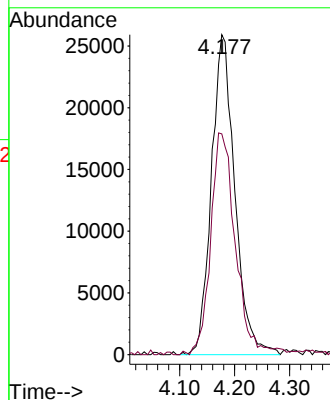
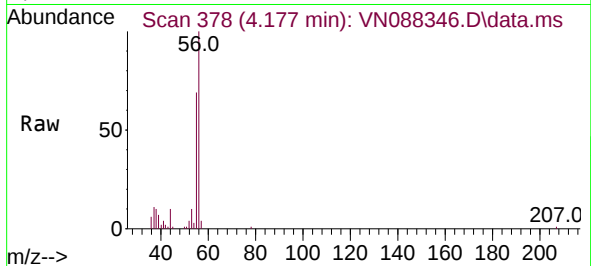
55 72.6 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#14

Allyl chloride

Concen: 19.307 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

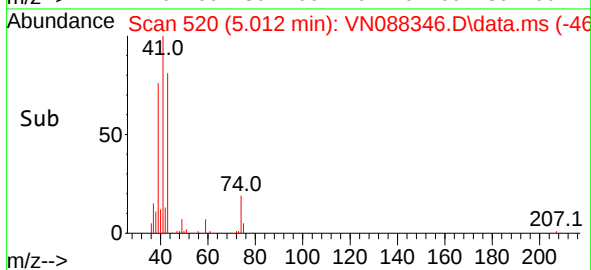
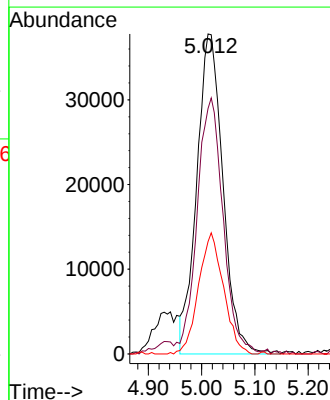
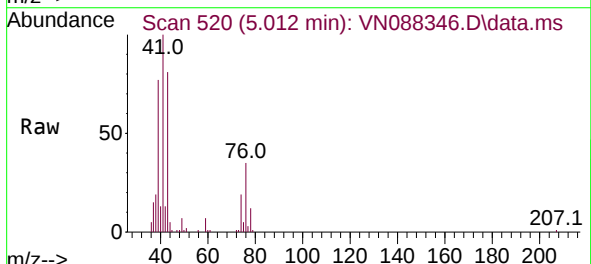
Tgt Ion: 41 Resp: 129326

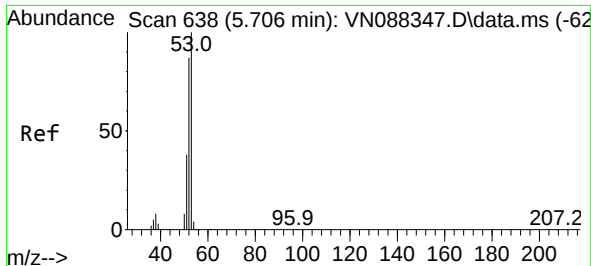
Ion Ratio Lower Upper

41 100

39 77.9 64.7 97.1

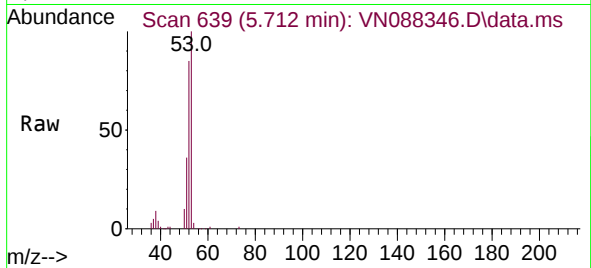
76 35.9 29.1 43.7





#15
Acrylonitrile
Concen: 100.698 ug/l
RT: 5.712 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

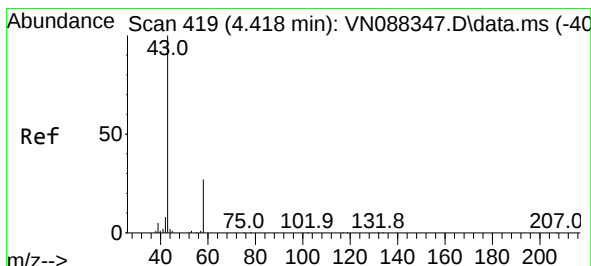
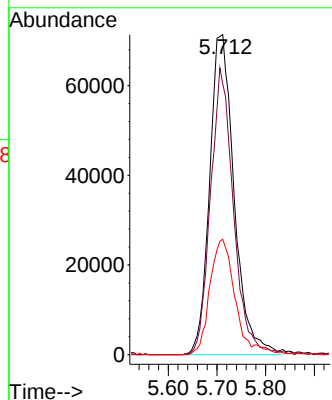
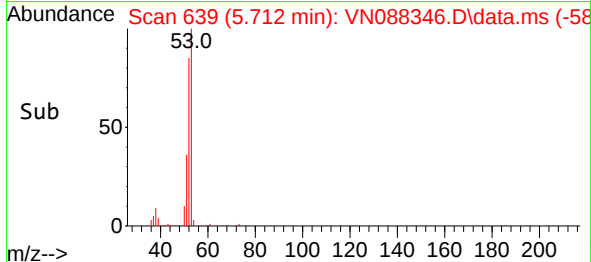
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



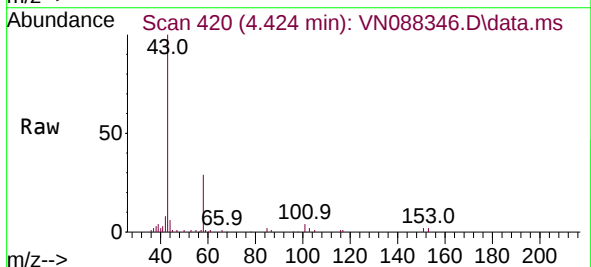
Tgt Ion: 53 Resp: 250269
Ion Ratio Lower Upper
53 100
52 83.6 67.8 101.6
51 37.2 29.8 44.8

Manual Integrations
APPROVED

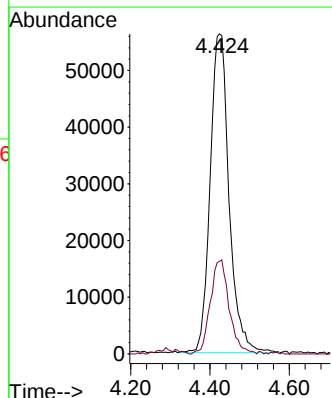
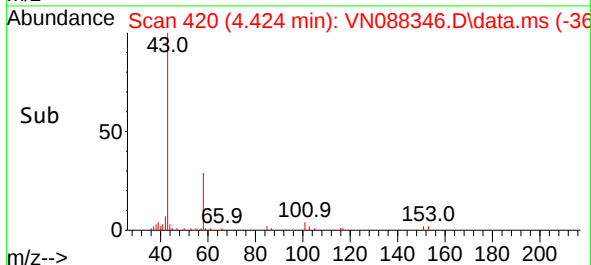
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

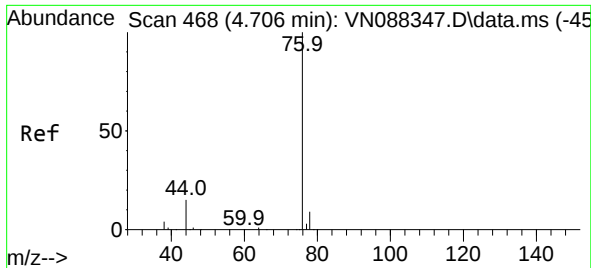


#16
Acetone
Concen: 73.735 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32



Tgt Ion: 43 Resp: 186448
Ion Ratio Lower Upper
43 100
58 29.0 21.7 32.5





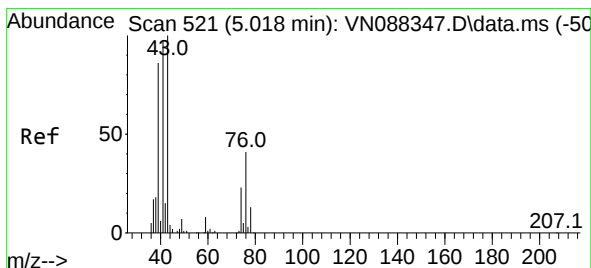
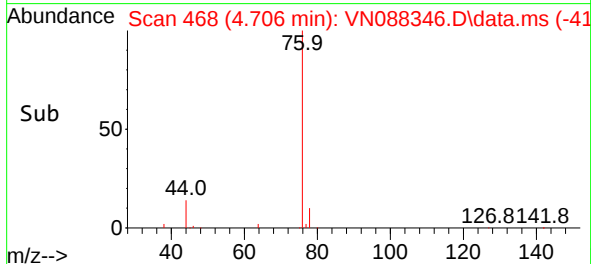
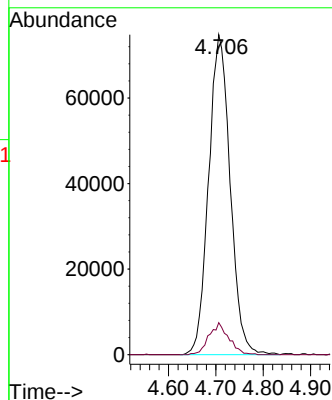
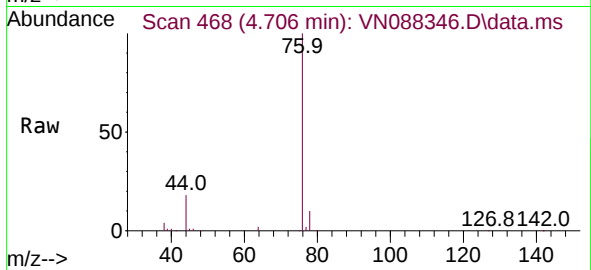
#17
Carbon Disulfide
Concen: 20.496 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 236468
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.4

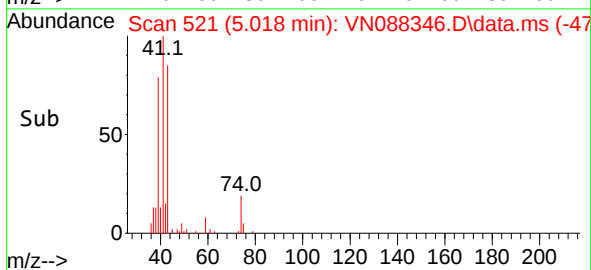
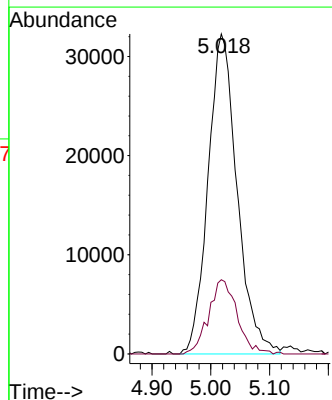
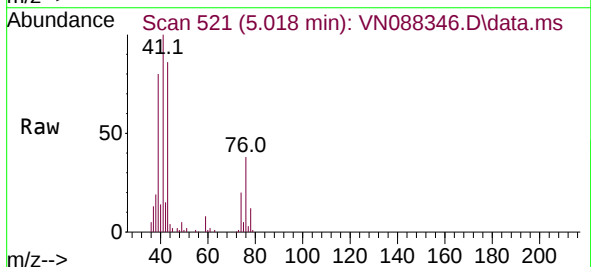
Manual Integrations
APPROVED

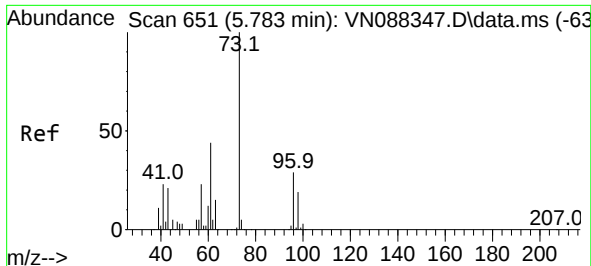
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#18
Methyl Acetate
Concen: 20.161 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Tgt Ion: 43 Resp: 110778
Ion Ratio Lower Upper
43 100
74 22.6 17.9 26.9





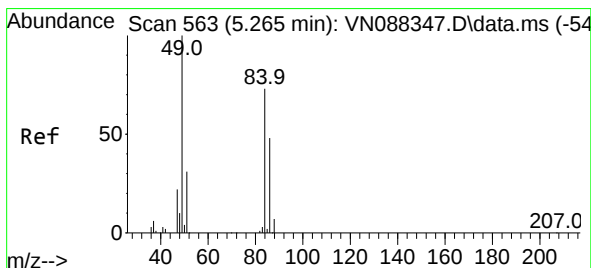
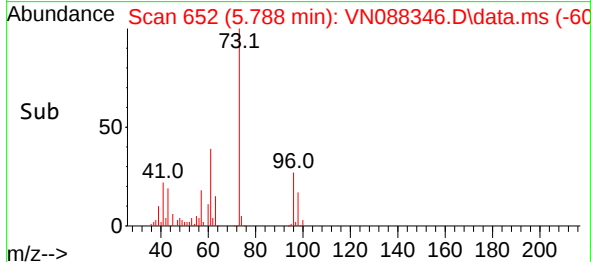
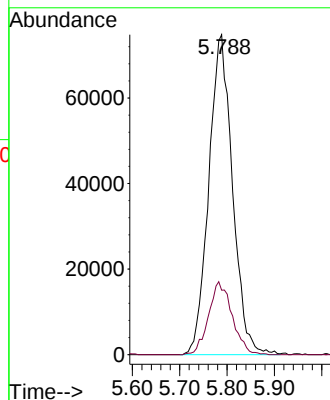
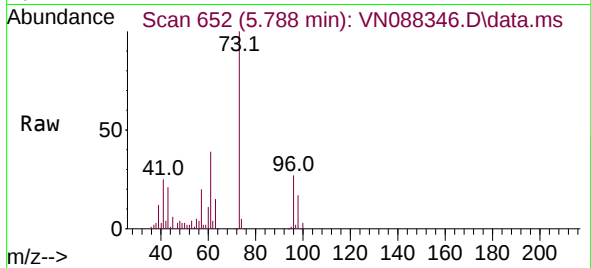
#19
Methyl tert-butyl Ether
Concen: 18.502 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 259864
Ion Ratio Lower Upper
73 100
57 20.1 18.6 28.0

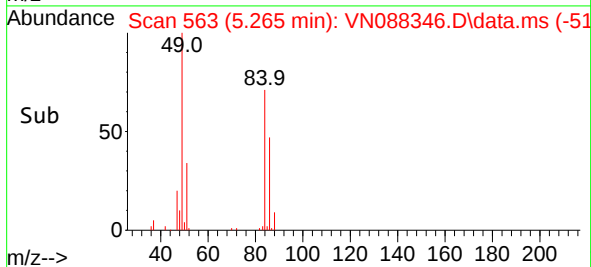
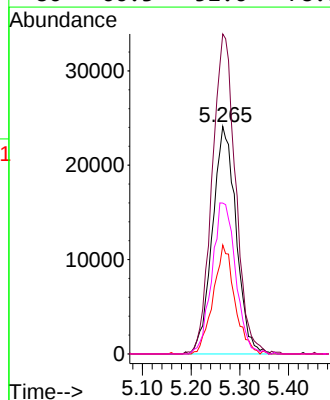
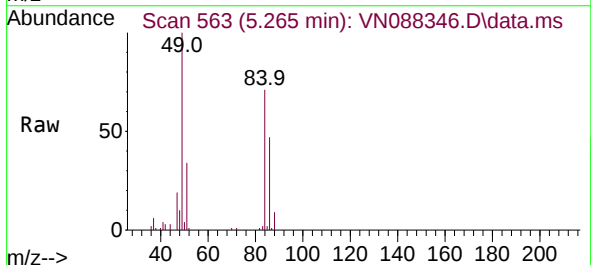
Manual Integrations
APPROVED

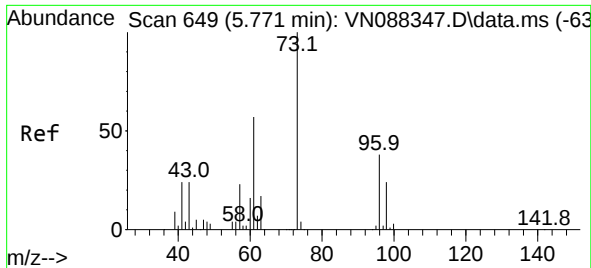
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#20
Methylene Chloride
Concen: 18.395 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Tgt Ion: 84 Resp: 81446
Ion Ratio Lower Upper
84 100
49 140.7 110.2 165.2
51 47.9 34.1 51.1
86 66.3 52.6 78.8





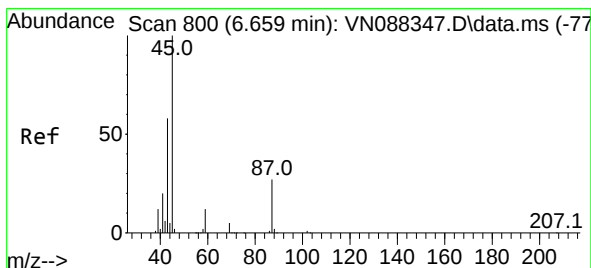
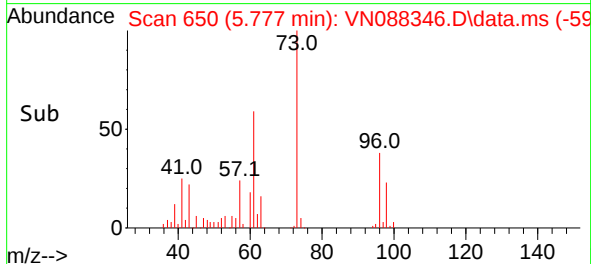
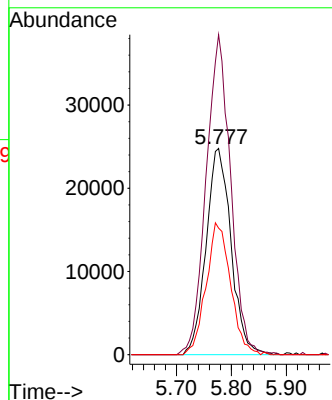
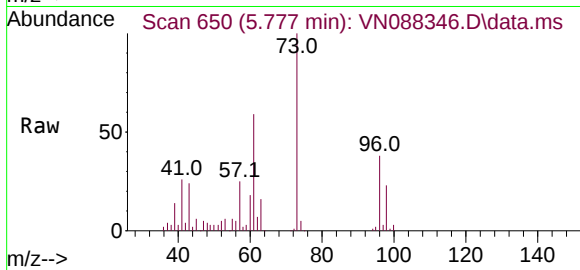
#21
trans-1,2-Dichloroethene
Concen: 18.913 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 78223
Ion Ratio Lower Upper
96 100
61 155.2 122.4 183.6
98 61.4 50.9 76.3

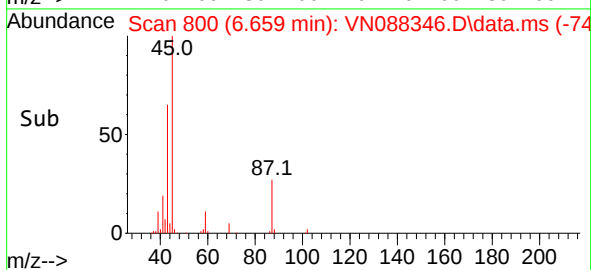
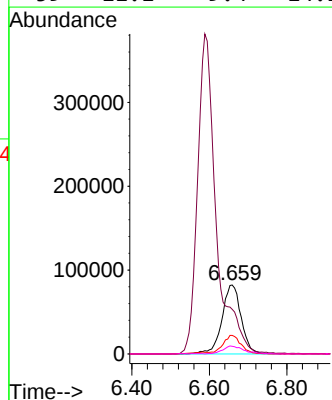
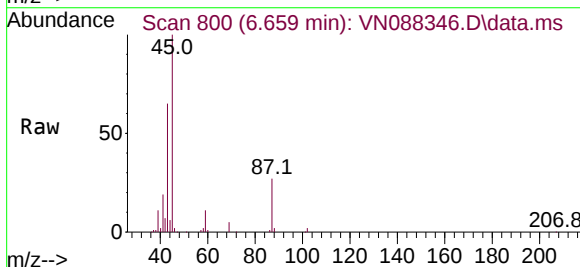
Manual Integrations
APPROVED

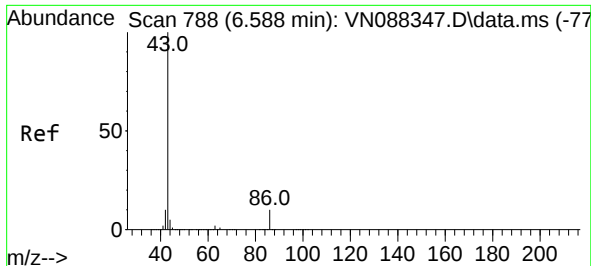
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#22
Diisopropyl ether
Concen: 20.050 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

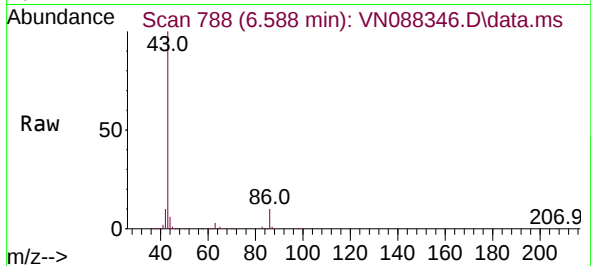
Tgt Ion: 45 Resp: 282262
Ion Ratio Lower Upper
45 100
43 64.0 47.4 71.2
87 26.9 21.9 32.9
59 11.1 9.4 14.2





#23
 Vinyl Acetate
 Concen: 92.730 ug/l m
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088346.D
 Acq: 24 Nov 2025 13:32

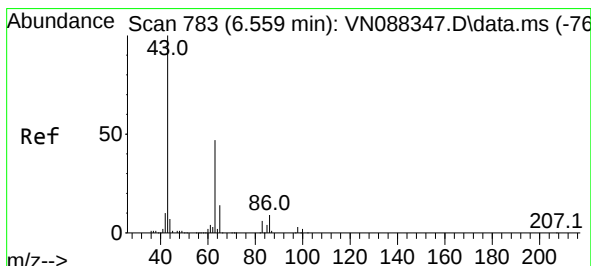
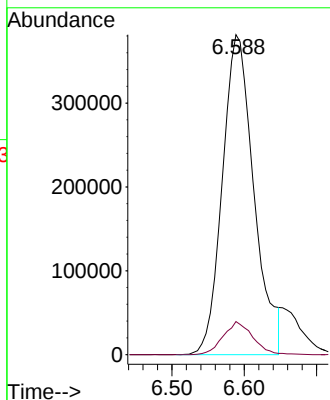
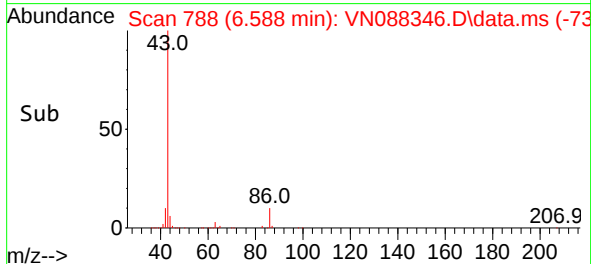
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



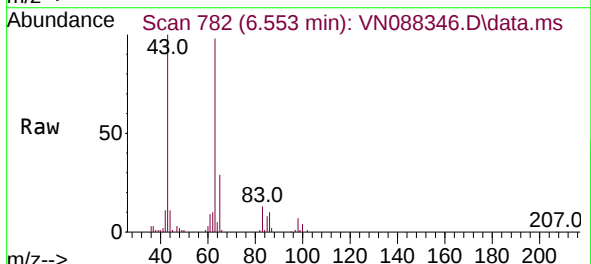
Tgt Ion: 43 Resp: 115561
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

Manual Integrations
 APPROVED

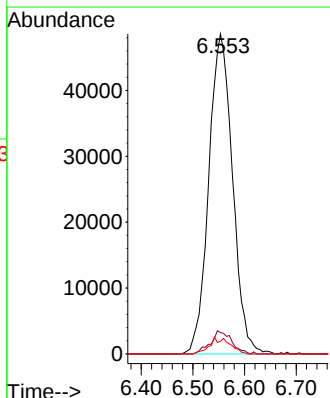
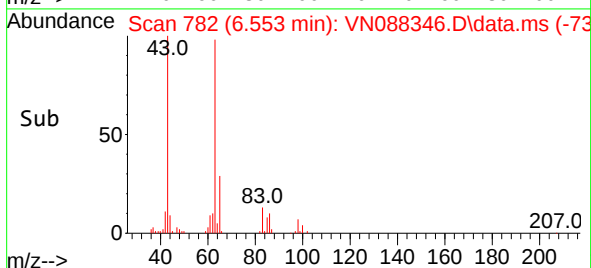
Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025

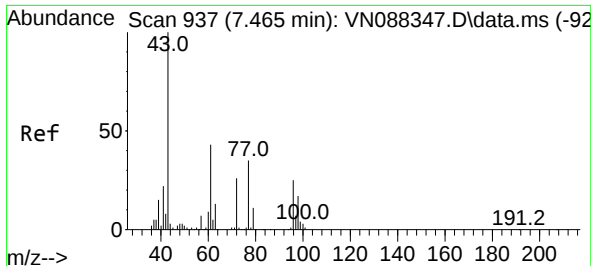


#24
 1,1-Dichloroethane
 Concen: 19.969 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088346.D
 Acq: 24 Nov 2025 13:32



Tgt Ion: 63 Resp: 156012
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 3.9 1.9 5.7





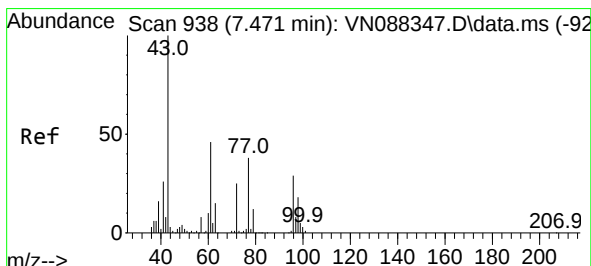
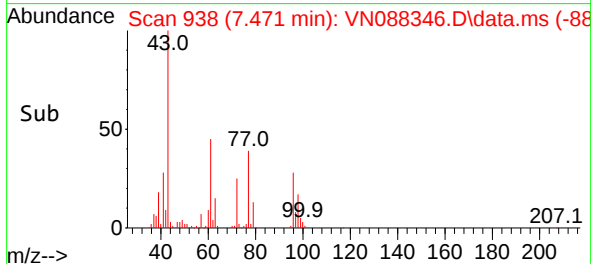
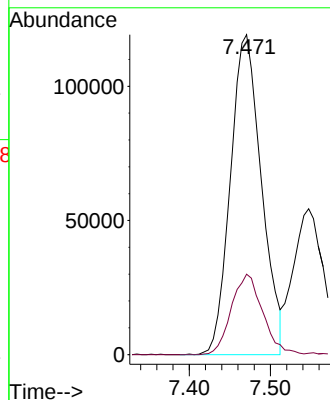
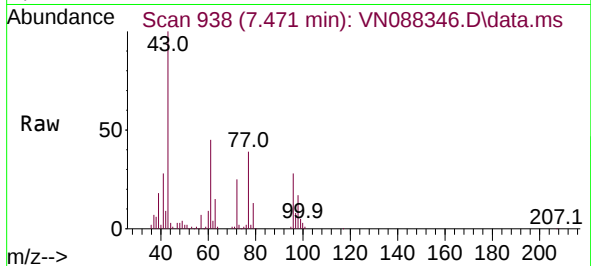
#25
2-Butanone
Concen: 92.154 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 316859
Ion Ratio Lower Upper
43 100
72 25.1 20.5 30.7

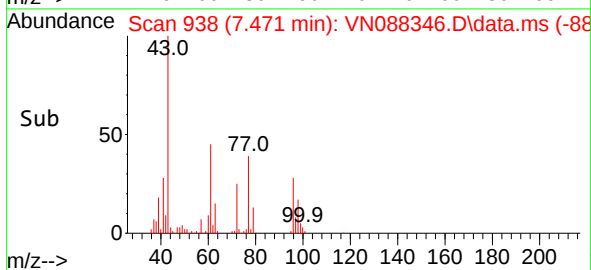
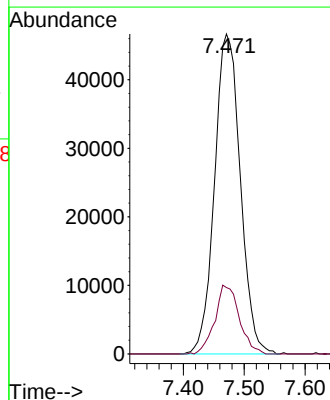
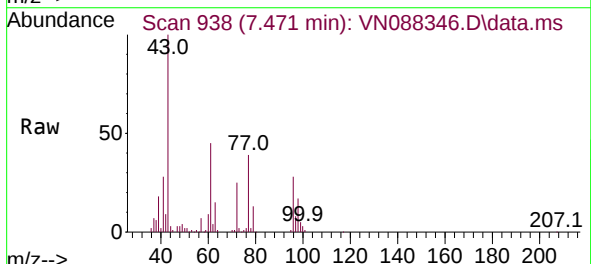
Manual Integrations
APPROVED

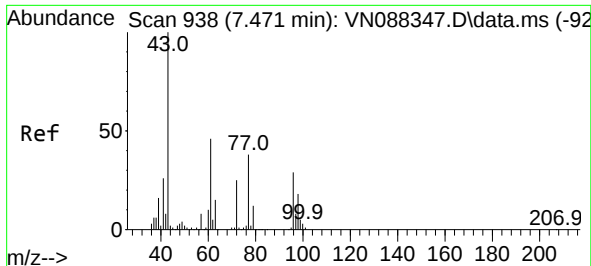
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#26
2,2-Dichloropropane
Concen: 19.531 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

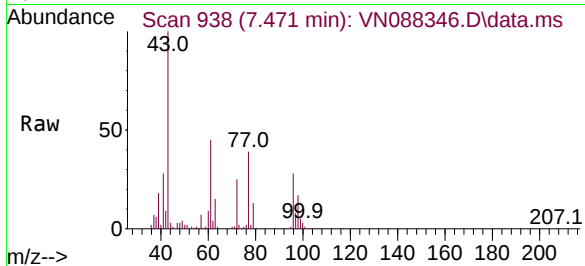
Tgt Ion: 77 Resp: 137140
Ion Ratio Lower Upper
77 100
97 20.3 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.178 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. -0.000 min
 Lab File: VN088346.D
 Acq: 24 Nov 2025 13:32

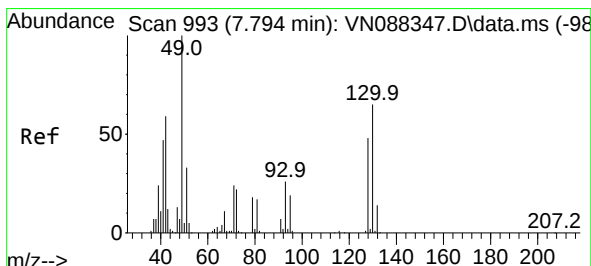
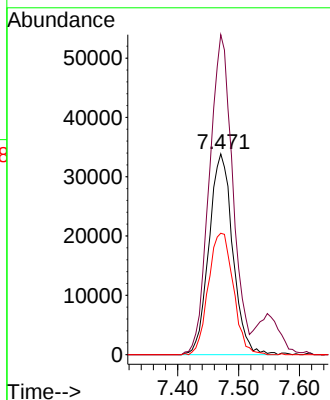
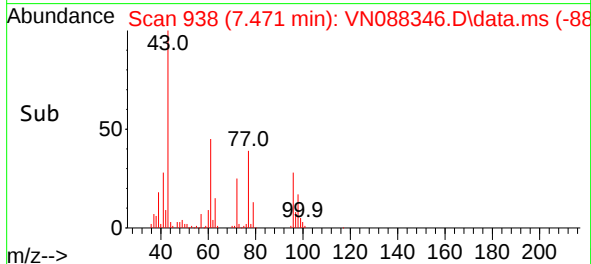
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 91872
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 323.6
 98 63.3 0.0 127.2

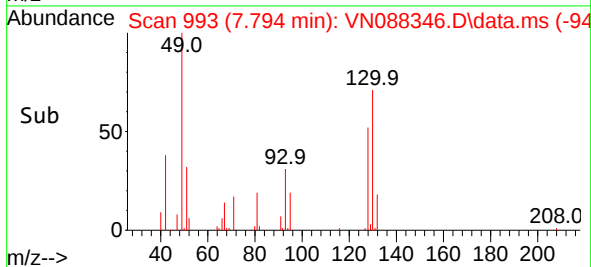
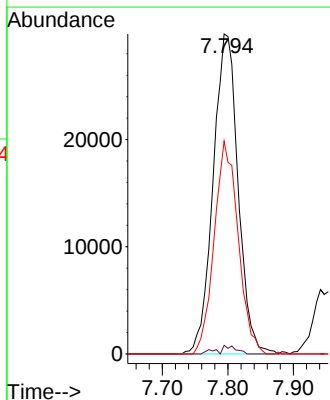
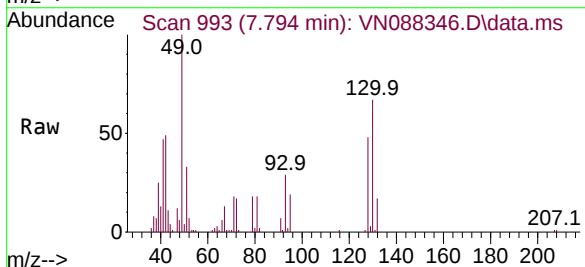
Manual Integrations
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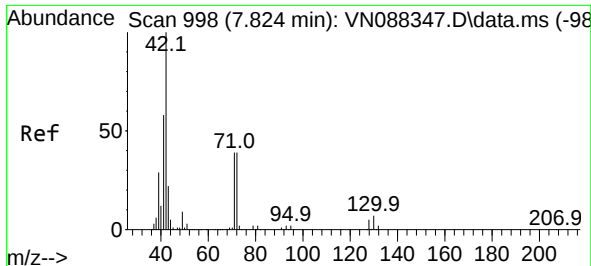
Reviewed By :John Carlone 11/25/2025
 Supervised By :Mahesh Dadoda 11/26/2025



#28
 Bromochloromethane
 Concen: 21.681 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VN088346.D
 Acq: 24 Nov 2025 13:32

Tgt Ion: 49 Resp: 79117
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.6
 130 63.6 51.1 76.7





#29

Tetrahydrofuran

Concen: 99.785 ug/l

RT: 7.829 min Scan# 99

Delta R.T. 0.006 min

Lab File: VN088346.D

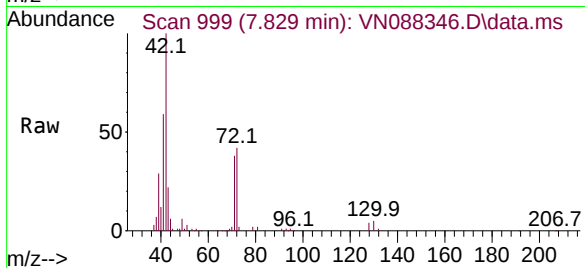
Acq: 24 Nov 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020



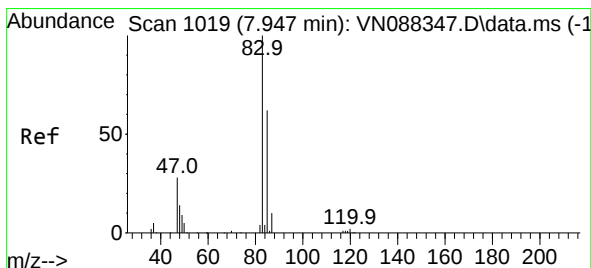
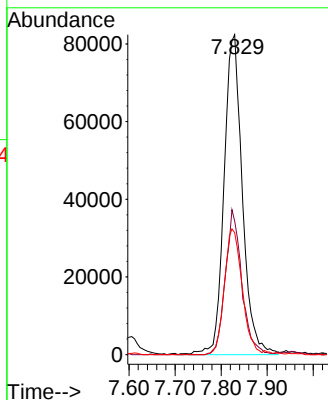
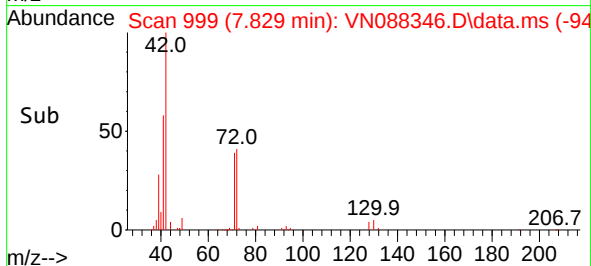
Tgt Ion:	42	Resp:	228189
Ion Ratio	Lower	Upper	
42	100		
72	40.7	32.2	48.4
71	38.0	31.1	46.7

Manual Integrations

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Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#30

Chloroform

Concen: 20.153 ug/l

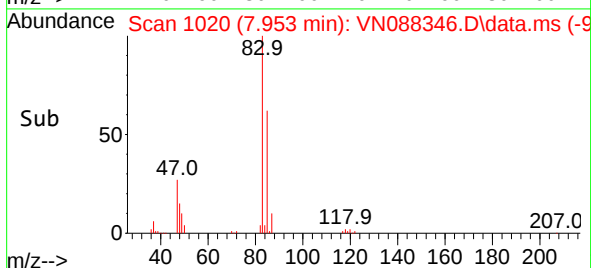
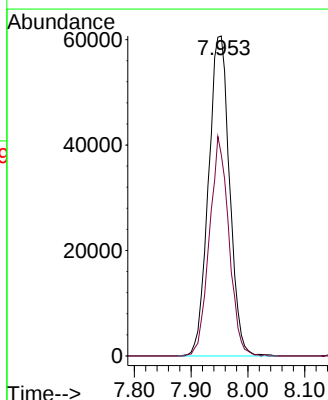
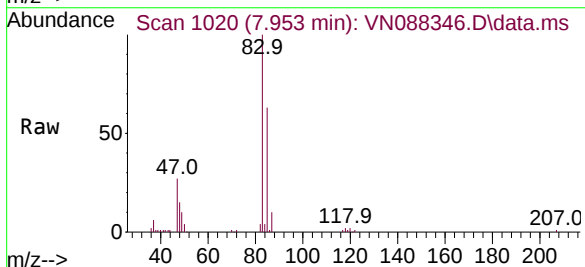
RT: 7.953 min Scan# 1020

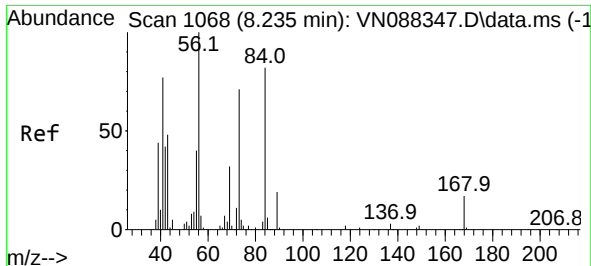
Delta R.T. 0.006 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

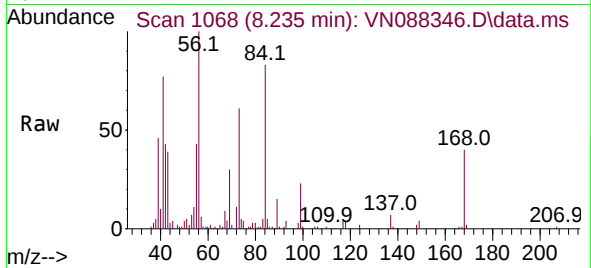
Tgt Ion:	83	Resp:	156345
Ion Ratio	Lower	Upper	
83	100		
85	63.0	49.8	74.8





#31
Cyclohexane
Concen: 20.327 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

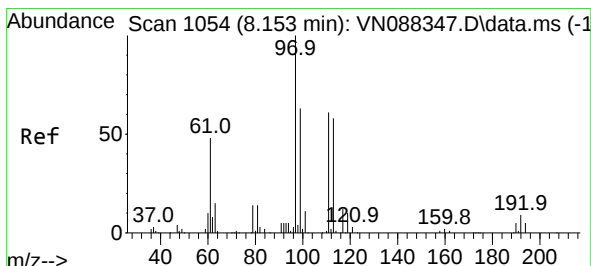
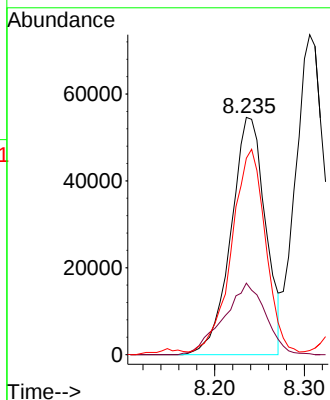
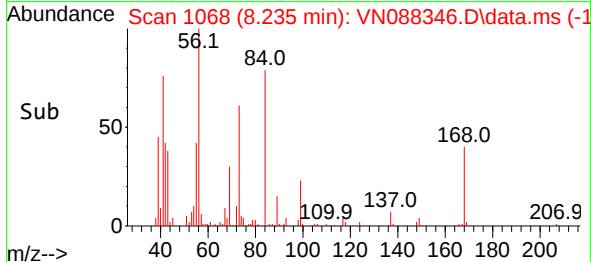
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



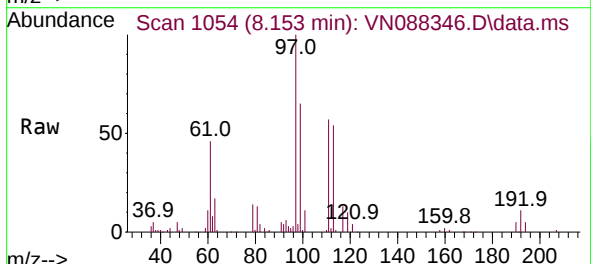
Tgt Ion: 56 Resp: 146307
Ion Ratio Lower Upper
56 100
69 29.6 25.3 37.9
84 80.9 65.4 98.2

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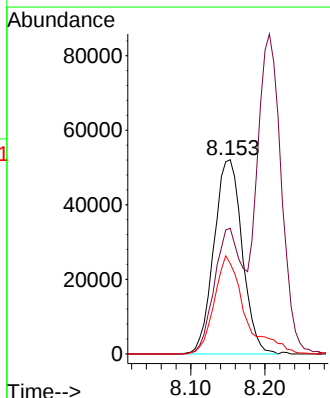
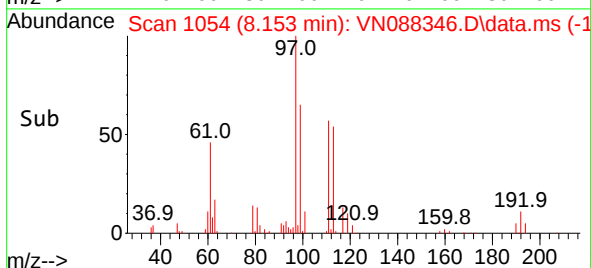
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

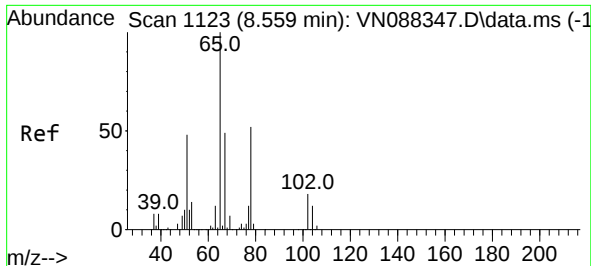


#32
1,1,1-Trichloroethane
Concen: 20.154 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32



Tgt Ion: 97 Resp: 137952
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 54.5 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 20.258 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 106028

Ion Ratio Lower Upper

65 100

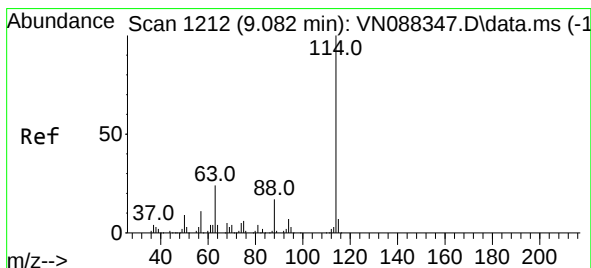
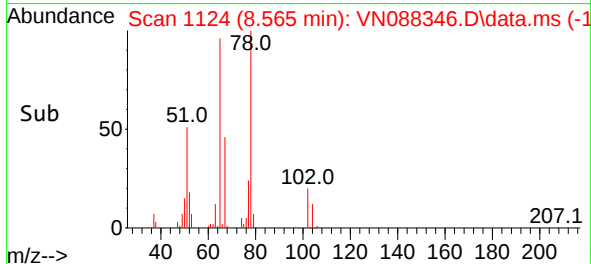
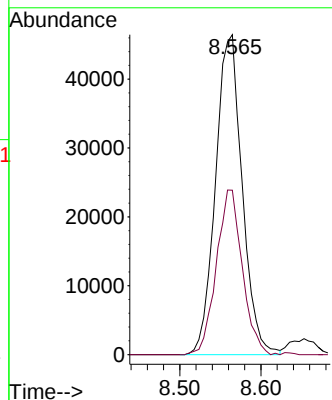
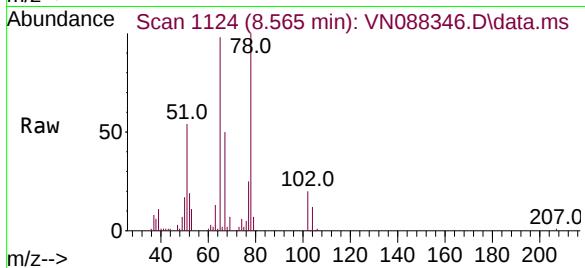
67 50.0 0.0 100.8

Manual Integrations

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Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

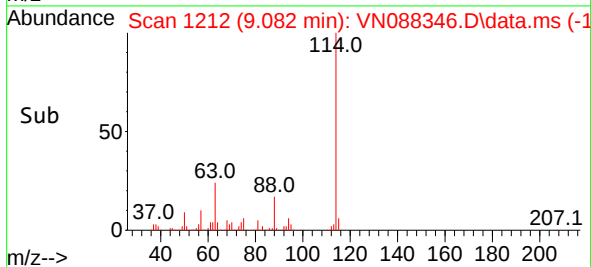
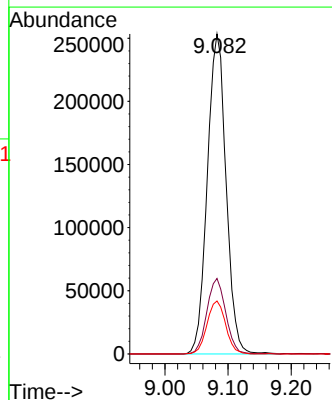
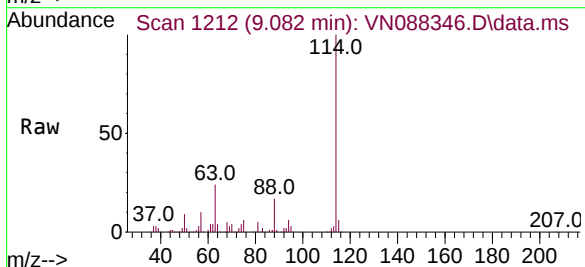
Tgt Ion:114 Resp: 521967

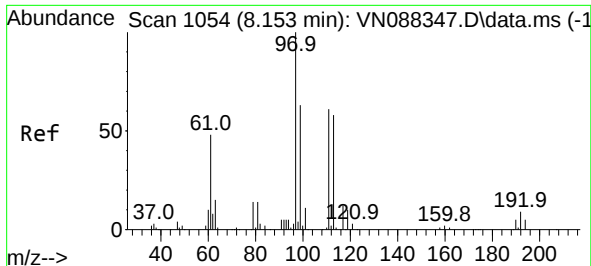
Ion Ratio Lower Upper

114 100

63 23.6 0.0 49.0

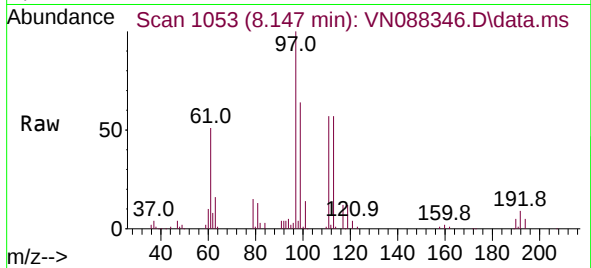
88 16.5 0.0 34.0





#35
Dibromofluoromethane
Concen: 20.412 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

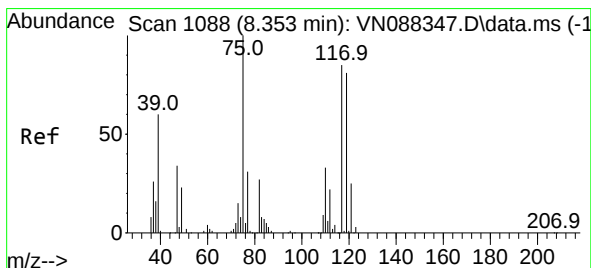
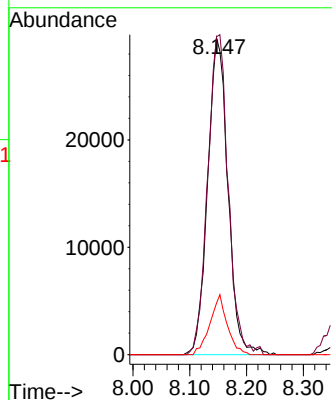
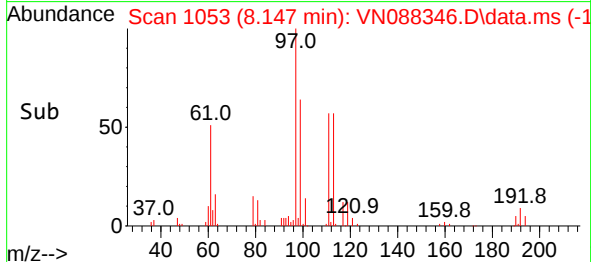
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 7305
Ion Ratio Lower Upper
113 100
111 102.6 82.5 123.7
192 16.2 12.8 19.2

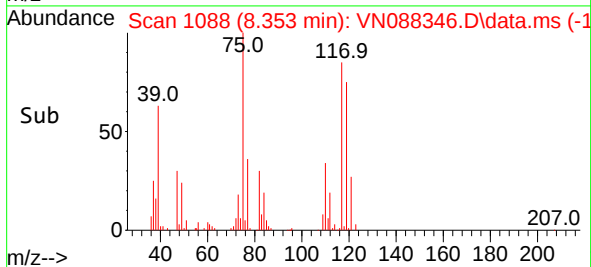
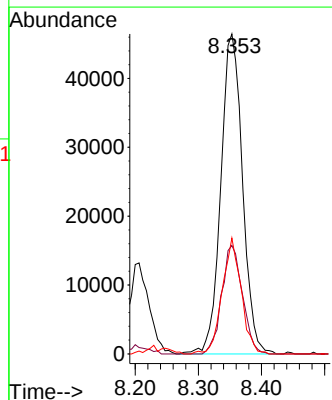
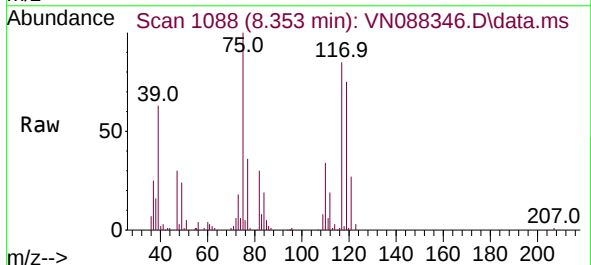
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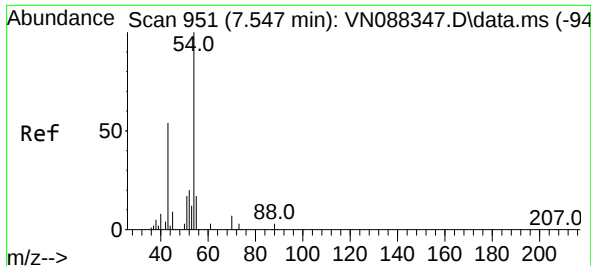
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#36
1,1-Dichloropropene
Concen: 21.032 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Tgt Ion: 75 Resp: 110824
Ion Ratio Lower Upper
75 100
110 32.4 15.8 47.4
77 31.8 24.2 36.2





#37

Ethyl Acetate

Concen: 21.576 ug/l

RT: 7.547 min Scan# 951

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 151153

Ion Ratio Lower Upper

43 100

61 11.3 9.5 14.3

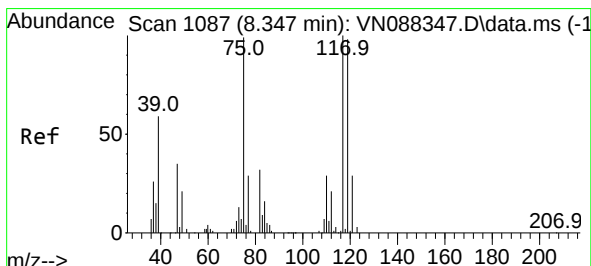
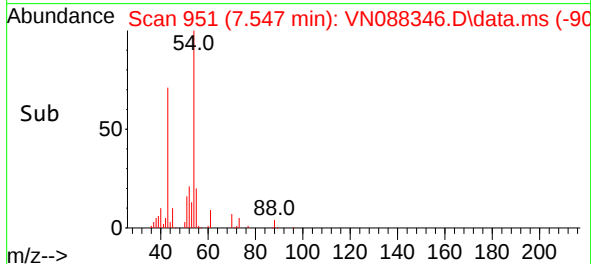
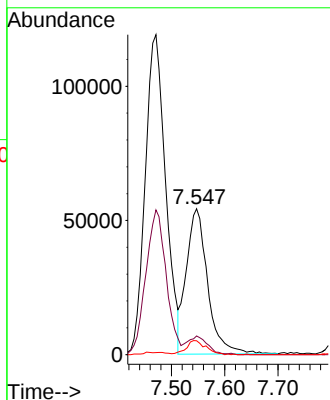
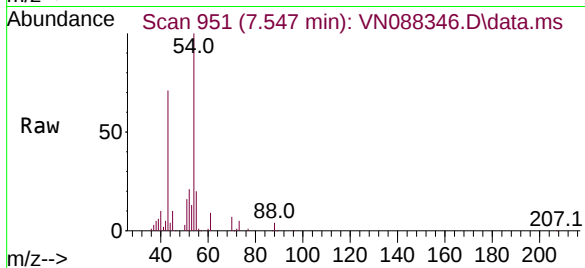
70 8.9 7.1 10.7

Manual Integrations

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Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#38

Carbon Tetrachloride

Concen: 21.060 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

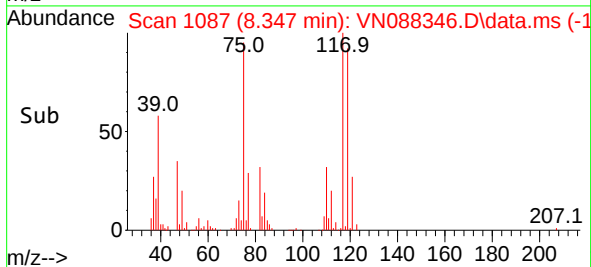
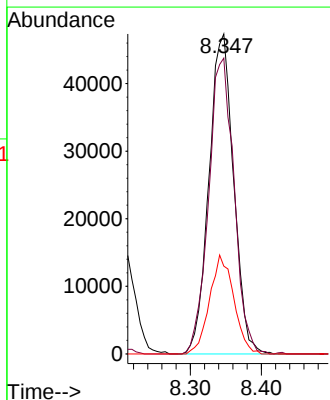
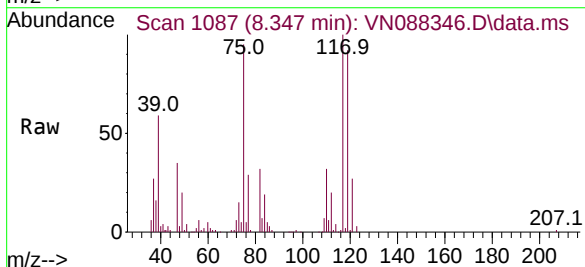
Tgt Ion:117 Resp: 114374

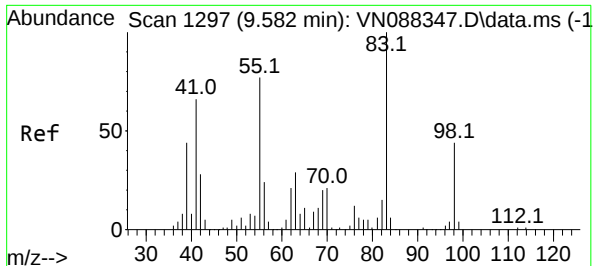
Ion Ratio Lower Upper

117 100

119 92.4 78.2 117.4

121 27.4 23.4 35.2





#39

Methylcyclohexane

Concen: 19.203 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

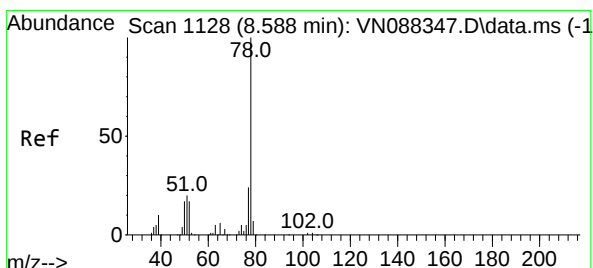
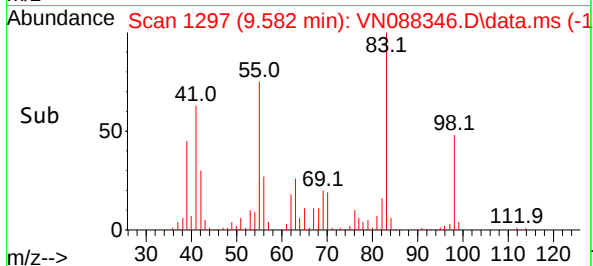
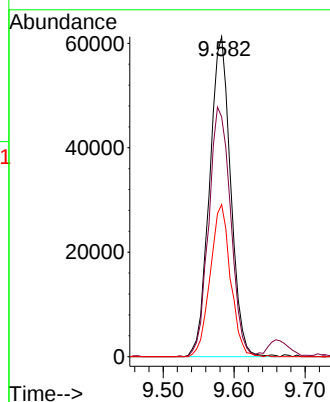
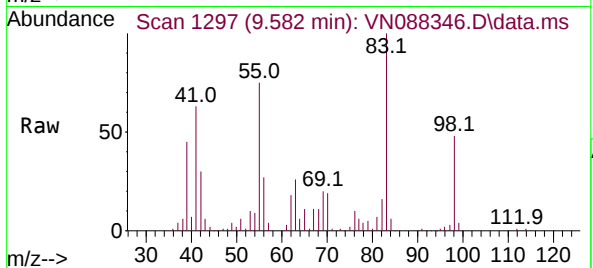
VSTDICC020

Tgt Ion: 83 Resp: 126502
 Ion Ratio Lower Upper
 83 100
 55 74.6 61.6 92.4
 98 47.5 35.3 52.9

Manual Integrations

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



#40

Benzene

Concen: 20.753 ug/l

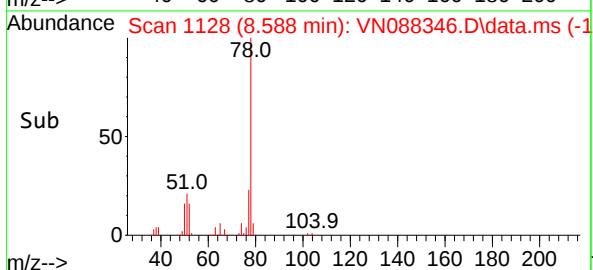
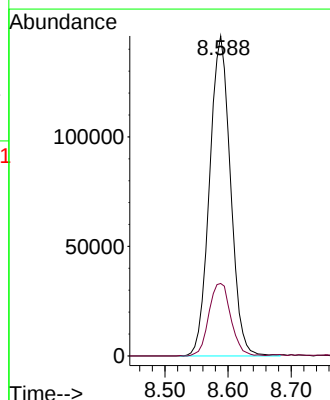
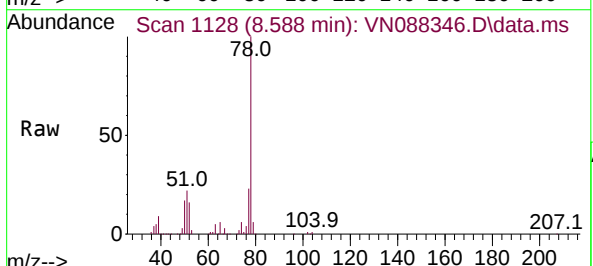
RT: 8.588 min Scan# 1128

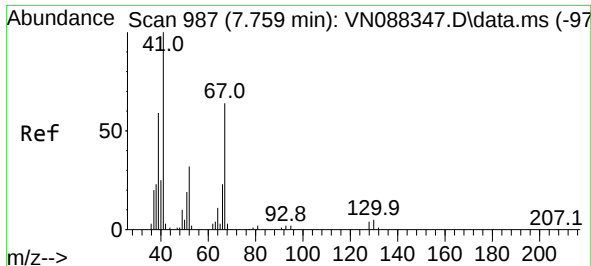
Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

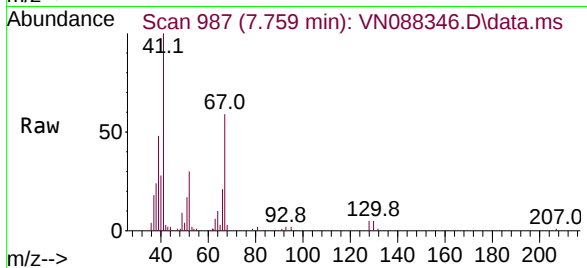
Tgt Ion: 78 Resp: 335961
 Ion Ratio Lower Upper
 78 100
 77 22.5 19.0 28.4





#41
Methacrylonitrile
Concen: 20.203 ug/l
RT: 7.759 min Scan# 987
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

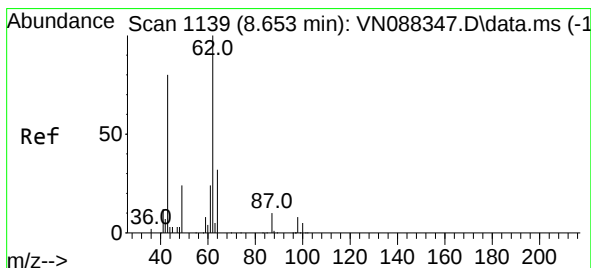
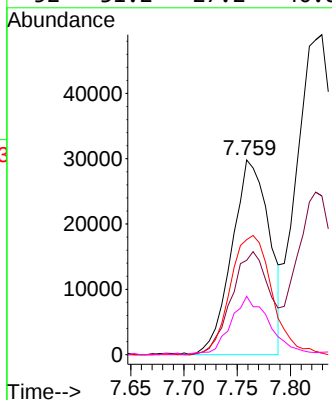
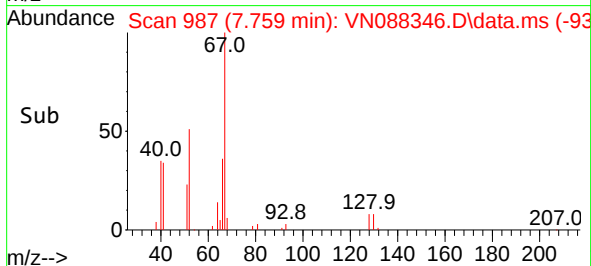
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:	41	Resp:	7328
Ion Ratio	Lower	Upper	
41	100		
39	53.6	46.3	69.5
67	67.4	54.7	82.1
52	31.2	27.2	40.8

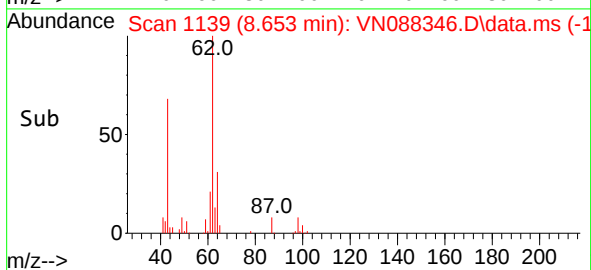
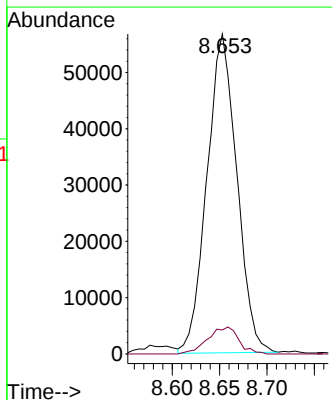
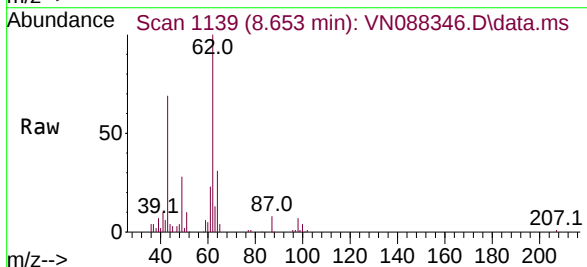
Manual Integrations
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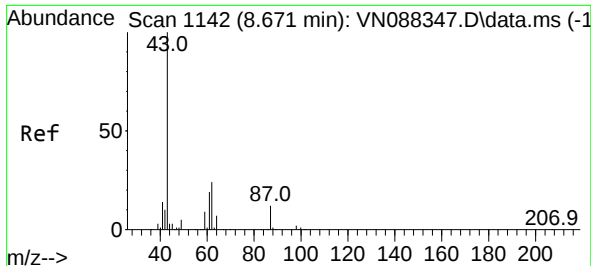
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#42
1,2-Dichloroethane
Concen: 21.266 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

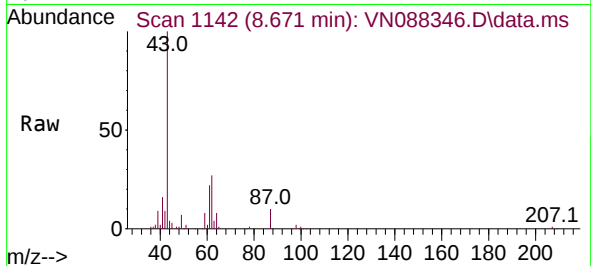
Tgt Ion:	62	Resp:	124453
Ion Ratio	Lower	Upper	
62	100		
98	8.7	0.0	16.2





#43
Isopropyl Acetate
Concen: 20.765 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

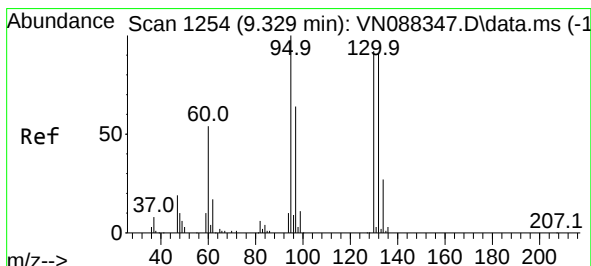
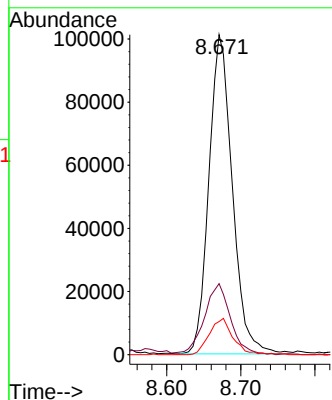
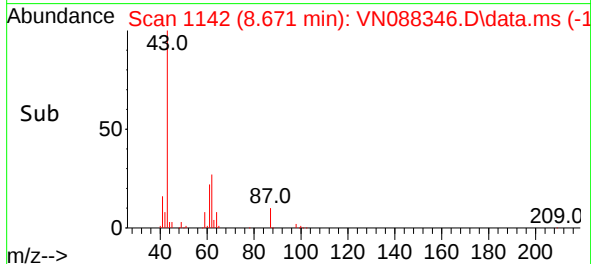
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 22186
Ion Ratio Lower Upper
43 100
61 24.9 18.7 28.1
87 11.6 9.1 13.7

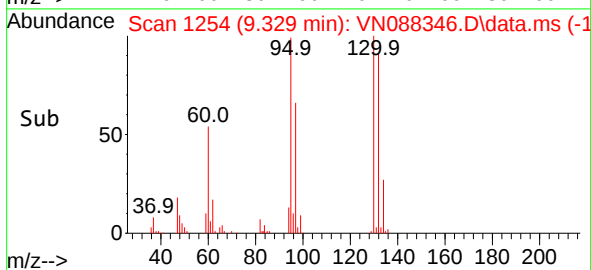
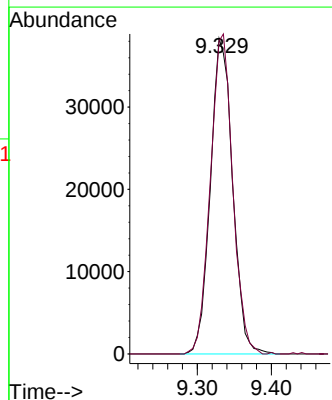
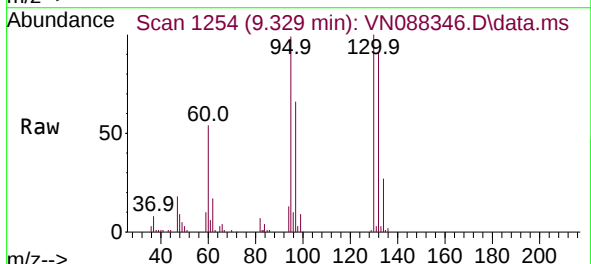
Manual Integrations
APPROVED

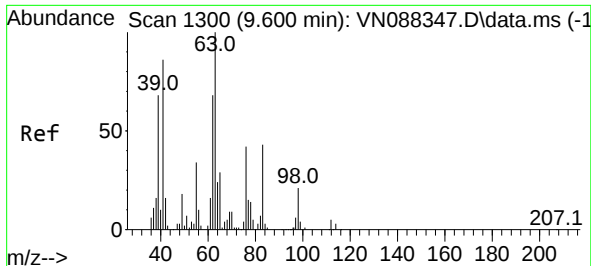
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#44
Trichloroethene
Concen: 21.175 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Tgt Ion:130 Resp: 79876
Ion Ratio Lower Upper
130 100
95 99.2 0.0 217.0





#45

1,2-Dichloropropane

Concen: 20.433 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 83979

Ion Ratio Lower Upper

63 100

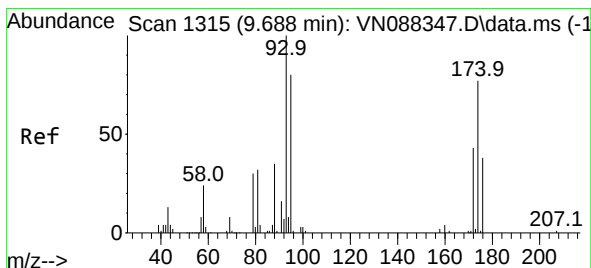
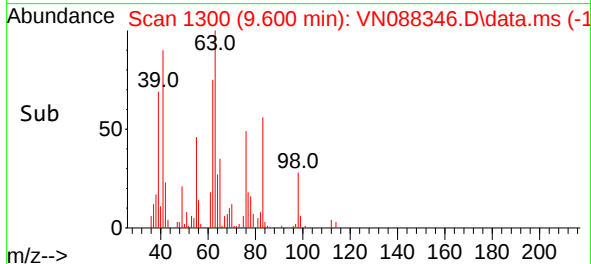
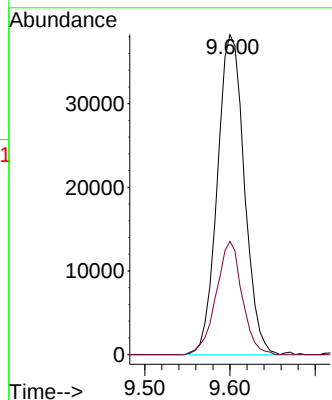
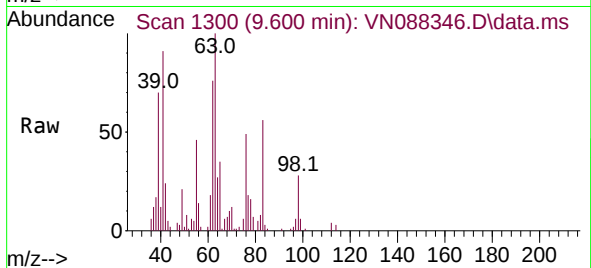
65 35.4 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#46

Dibromomethane

Concen: 20.513 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

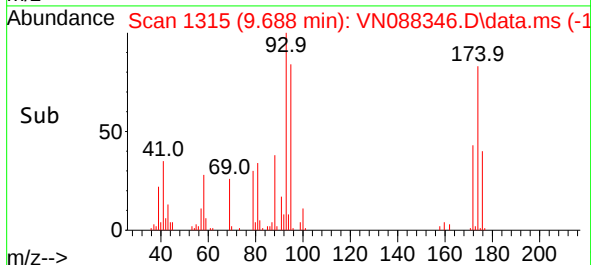
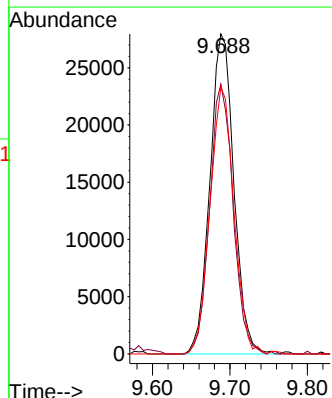
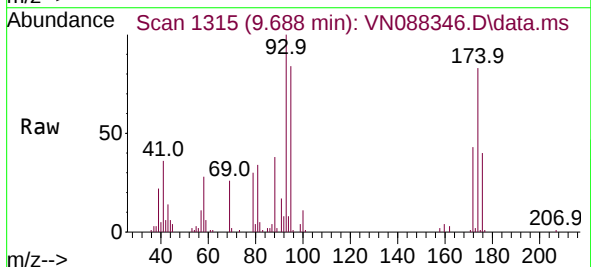
Tgt Ion: 93 Resp: 60253

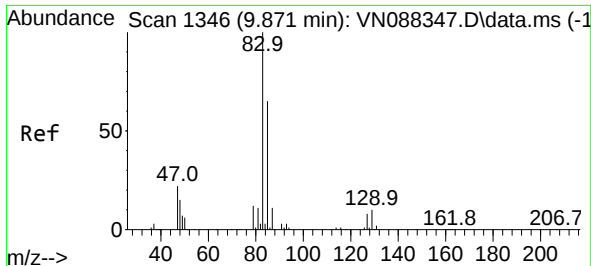
Ion Ratio Lower Upper

93 100

95 82.1 65.8 98.6

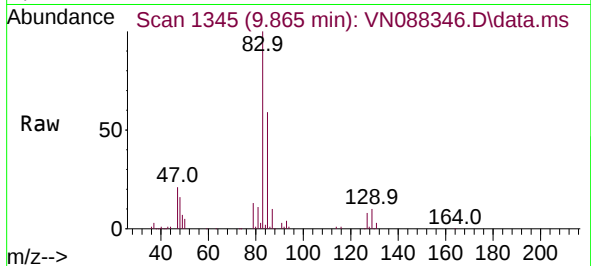
174 83.0 64.3 96.5





#47
Bromodichloromethane
Concen: 20.808 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

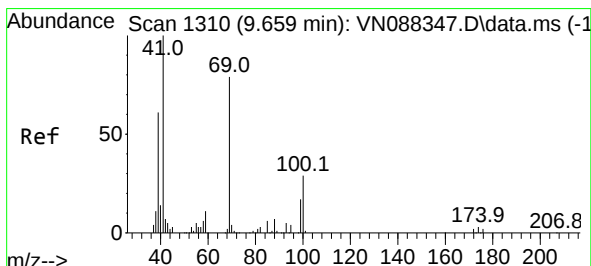
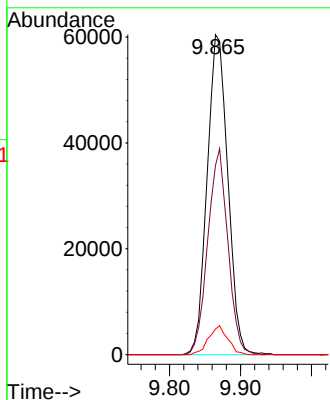
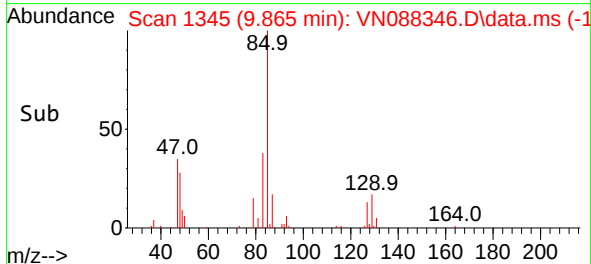
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



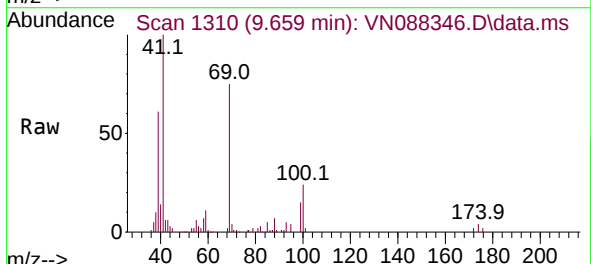
Tgt Ion: 83 Resp: 122415
Ion Ratio Lower Upper
83 100
85 59.1 51.9 77.9
127 8.0 6.3 9.5

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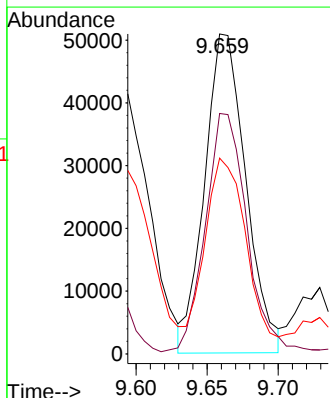
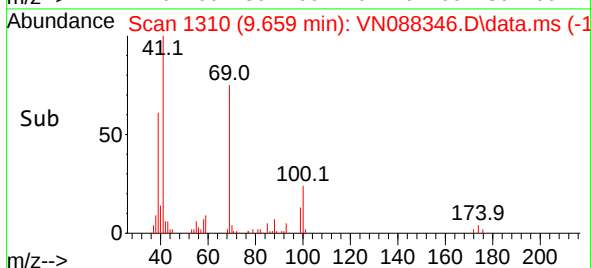
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

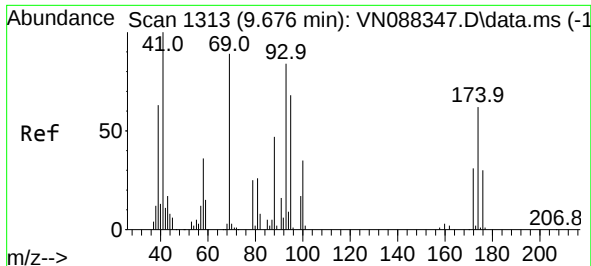


#48
Methyl methacrylate
Concen: 20.792 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32



Tgt Ion: 41 Resp: 102560
Ion Ratio Lower Upper
41 100
69 76.3 62.4 93.6
39 63.1 52.6 79.0





#49

1,4-Dioxane

Concen: 459.989 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

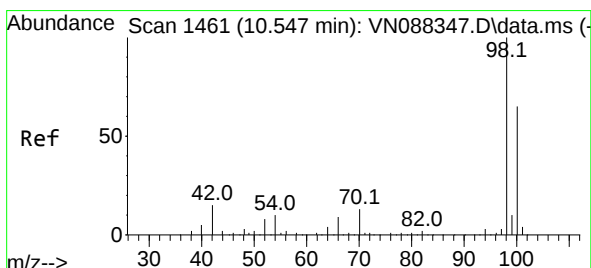
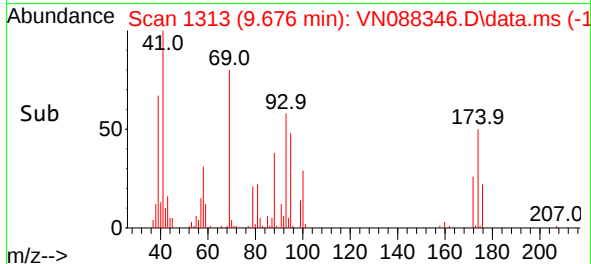
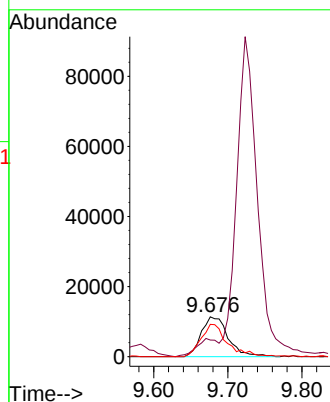
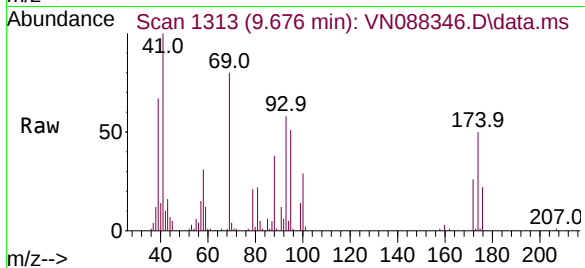
Tgt Ion:	88	Resp:	28593
Ion Ratio	Lower	Upper	
88	100		
43	35.9	0.0	0.0
58	79.6	62.0	93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#50

Toluene-d8

Concen: 19.772 ug/l

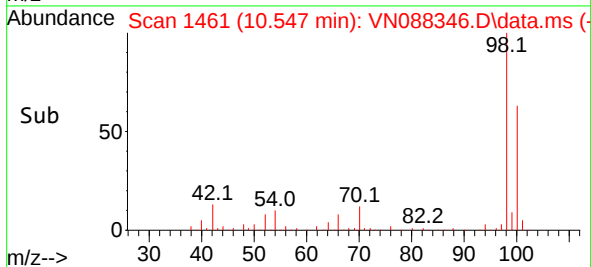
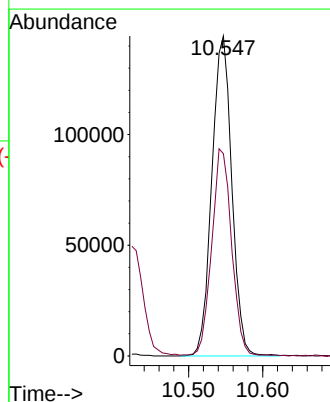
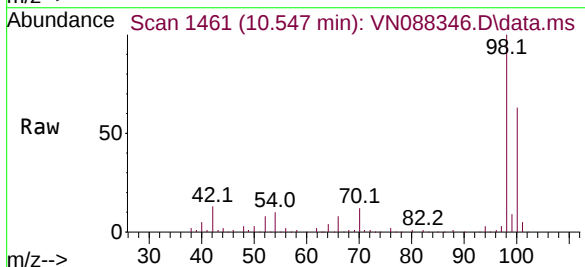
RT: 10.547 min Scan# 1461

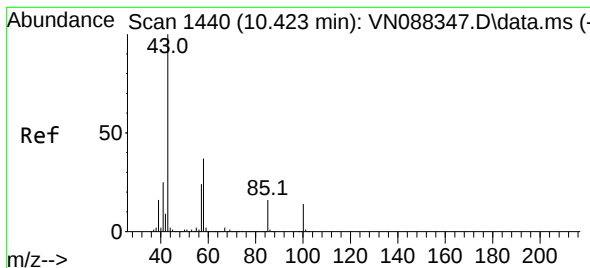
Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

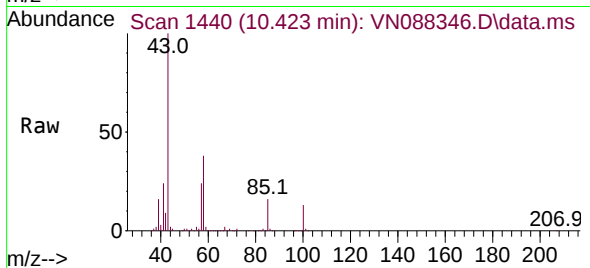
Tgt Ion:	98	Resp:	269703
Ion Ratio	Lower	Upper	
98	100		
100	64.8	52.2	78.2





#51
4-Methyl-2-Pentanone
Concen: 108.887 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

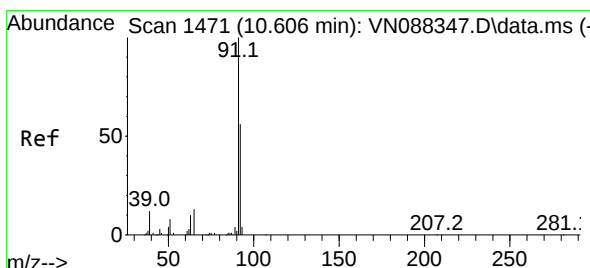
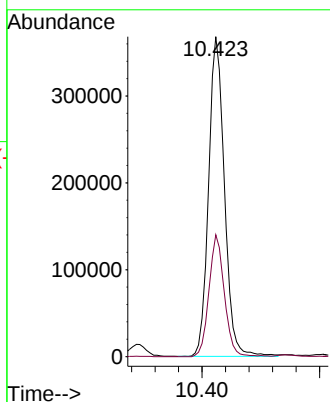
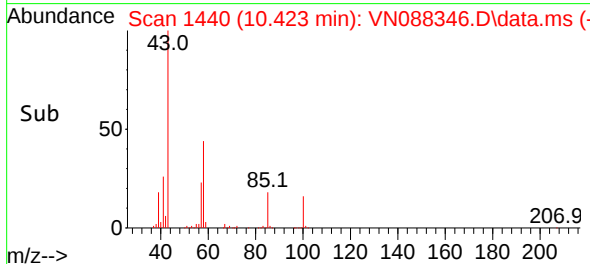
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



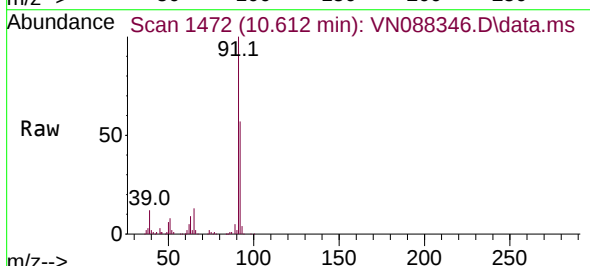
Tgt Ion: 43 Resp: 689576
Ion Ratio Lower Upper
43 100
58 36.8 29.1 43.7

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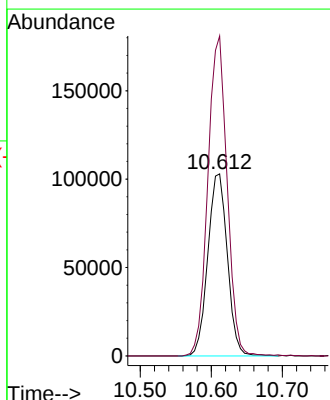
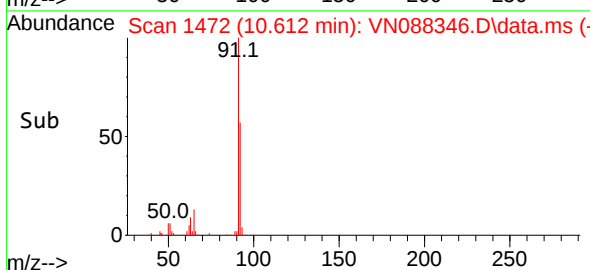
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

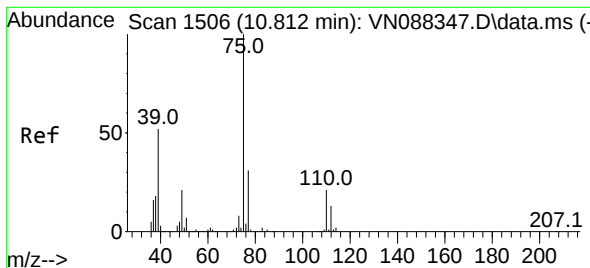


#52
Toluene
Concen: 19.843 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32



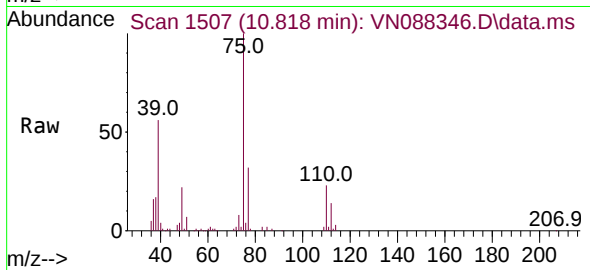
Tgt Ion: 92 Resp: 196223
Ion Ratio Lower Upper
92 100
91 173.4 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 19.996 ug/l
RT: 10.818 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

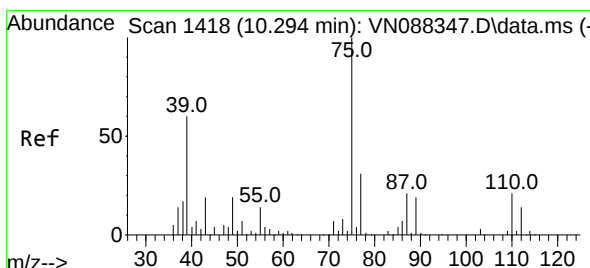
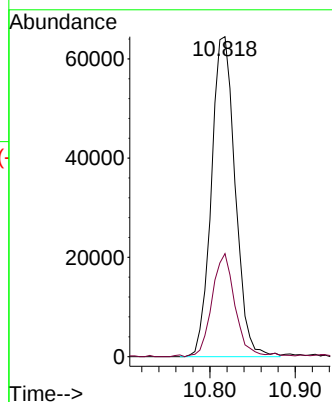
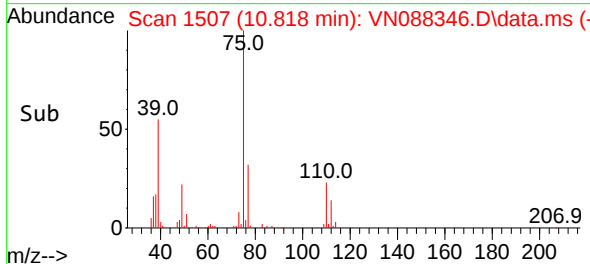
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 124926
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2

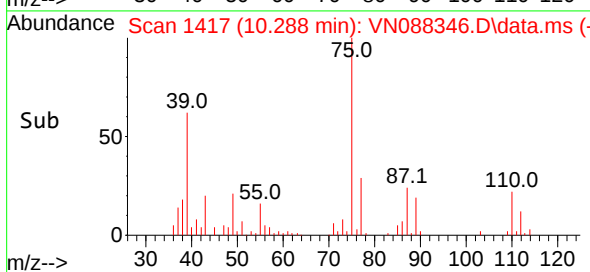
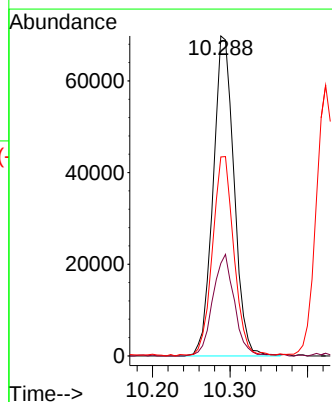
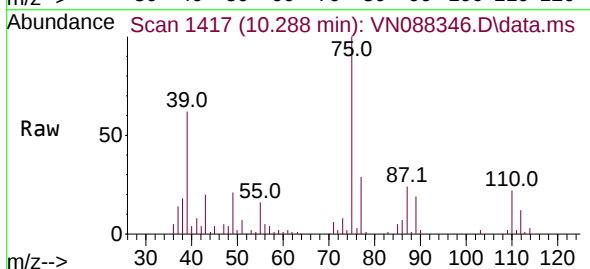
Manual Integrations
APPROVED

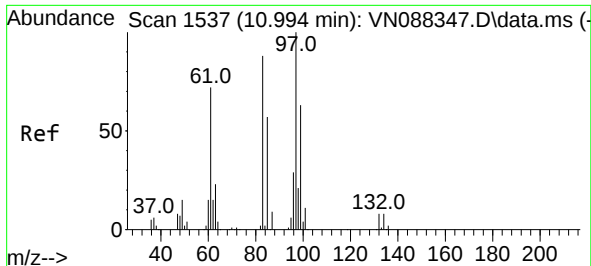
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#54
cis-1,3-Dichloropropene
Concen: 19.787 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

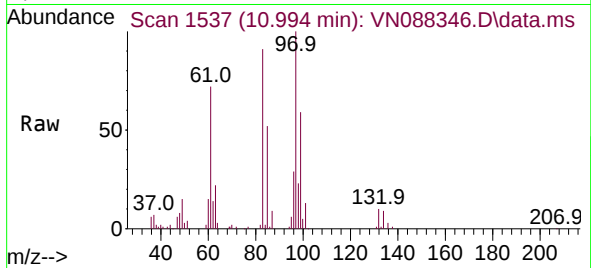
Tgt Ion: 75 Resp: 131162
Ion Ratio Lower Upper
75 100
77 29.0 24.5 36.7
39 61.8 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 20.142 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

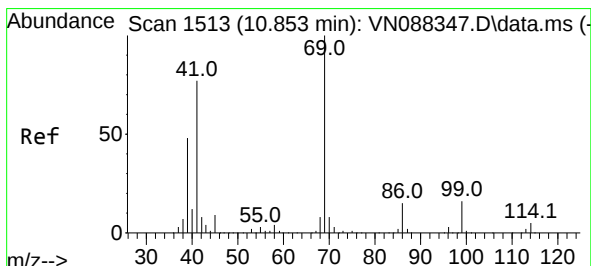
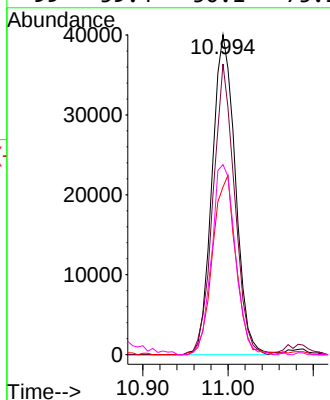
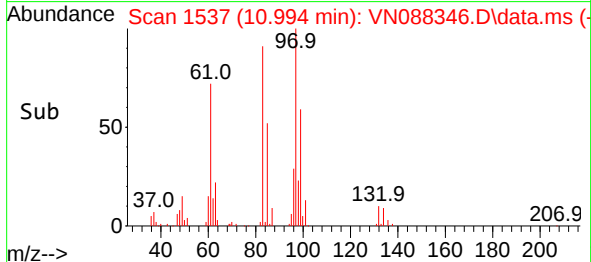
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:	97	Resp:	75992
Ion Ratio	100	Lower	Upper
97	100		
83	90.8	70.4	105.6
85	52.4	45.4	68.2
99	59.4	50.1	75.1

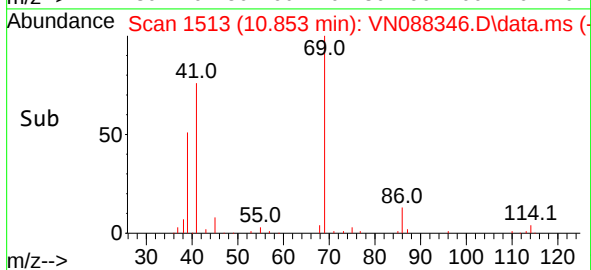
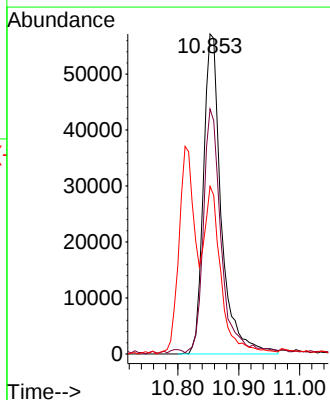
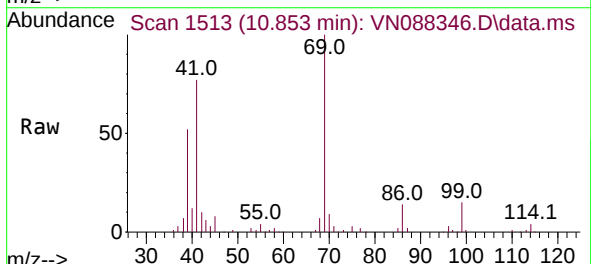
Manual Integrations
APPROVED

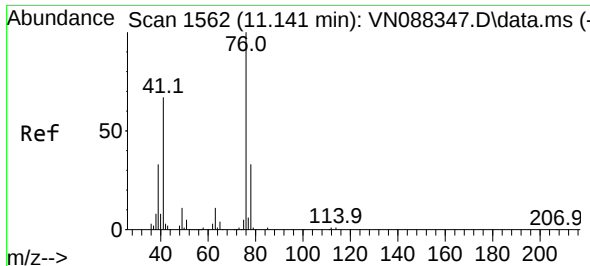
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#56
Ethyl methacrylate
Concen: 19.380 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

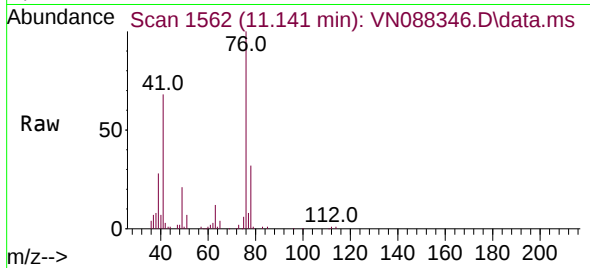
Tgt Ion:	69	Resp:	116597
Ion Ratio	100	Lower	Upper
69	100		
41	75.6	59.6	89.4
39	48.7	36.4	54.6





#57
1,3-Dichloropropane
Concen: 20.301 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

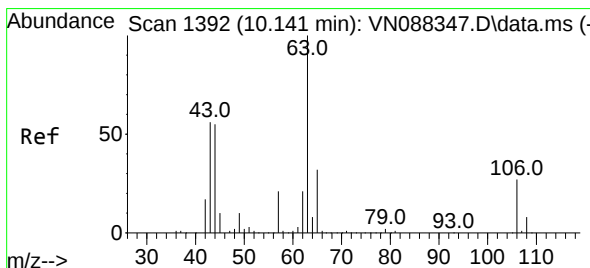
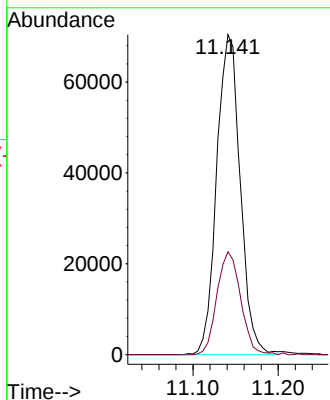
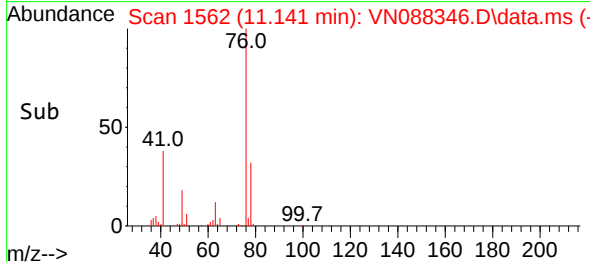
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 135028
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4

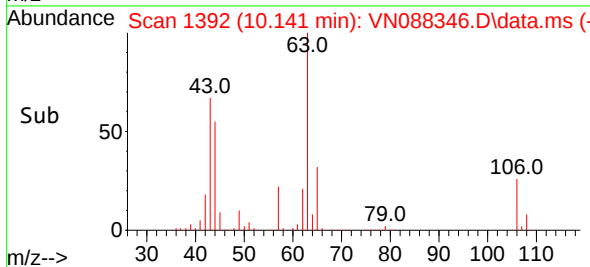
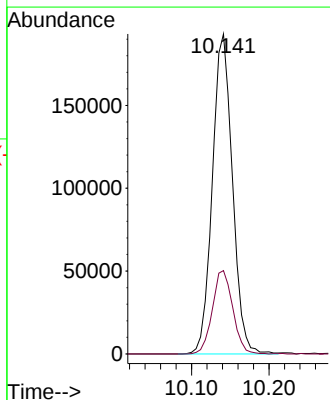
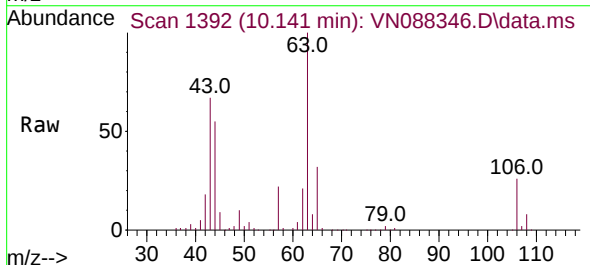
Manual Integrations
APPROVED

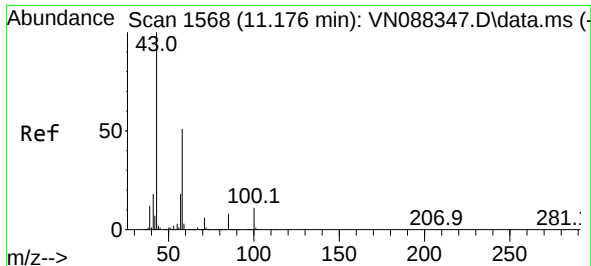
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 108.270 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

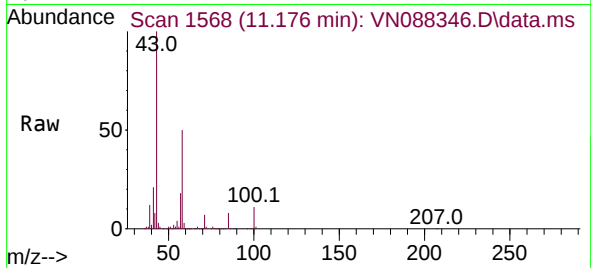
Tgt Ion: 63 Resp: 347449
Ion Ratio Lower Upper
63 100
106 26.4 20.5 30.7





#59
2-Hexanone
Concen: 101.867 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

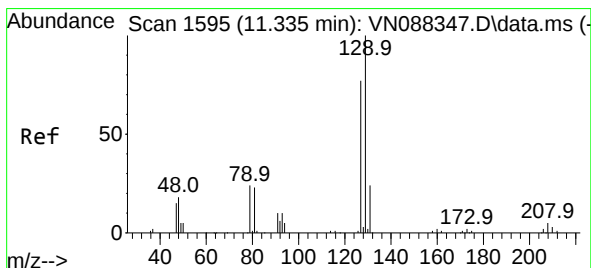
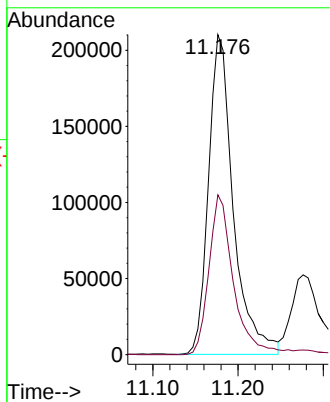
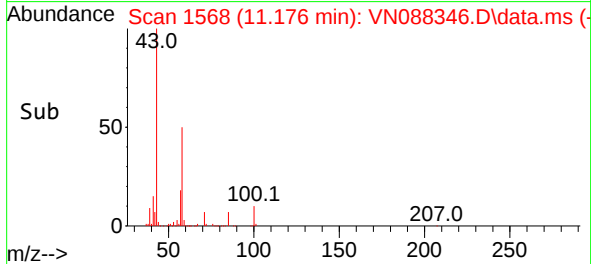
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 424244
Ion Ratio Lower Upper
43 100
58 49.1 25.3 75.9

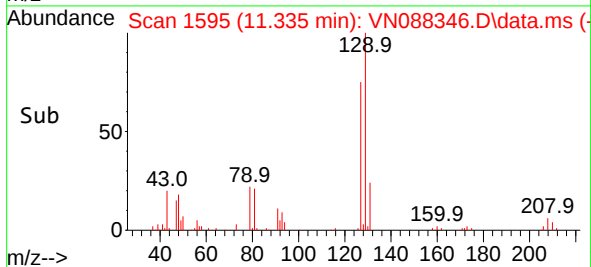
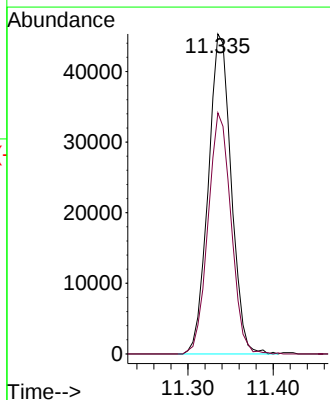
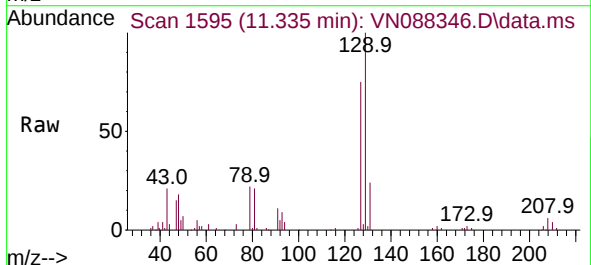
Manual Integrations
APPROVED

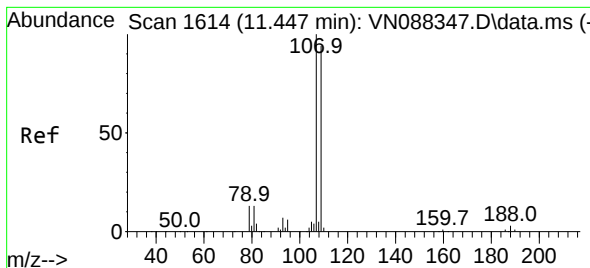
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#60
Dibromochloromethane
Concen: 19.753 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

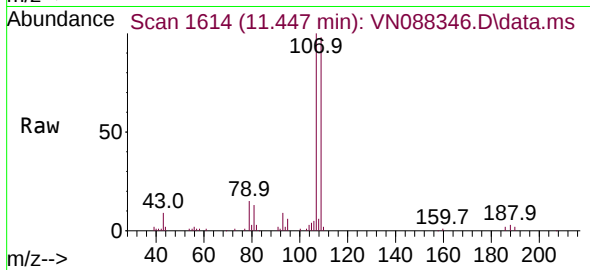
Tgt Ion:129 Resp: 84716
Ion Ratio Lower Upper
129 100
127 75.4 38.2 114.6





#61
1,2-Dibromoethane
Concen: 19.518 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

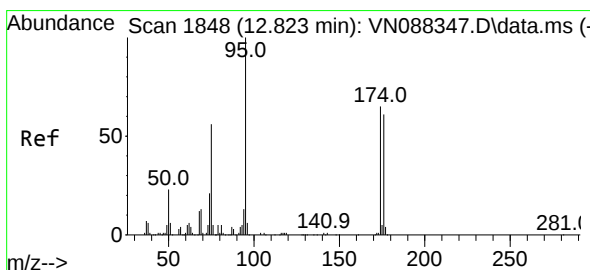
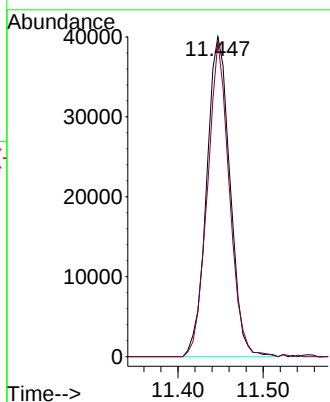
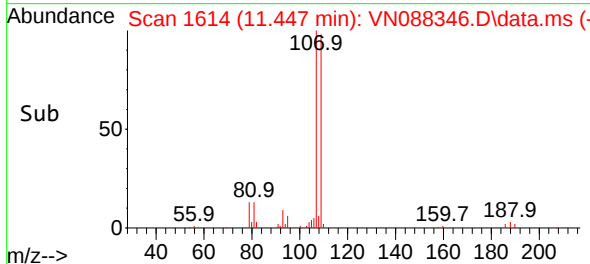
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



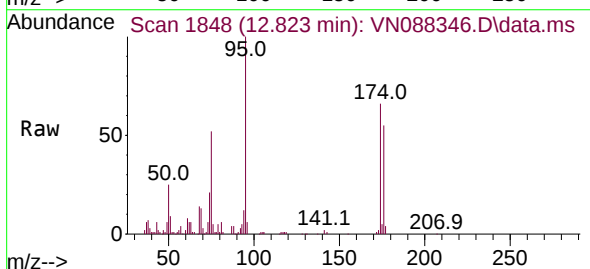
Tgt Ion:107 Resp: 76002
Ion Ratio Lower Upper
107 100
109 92.7 74.6 112.0

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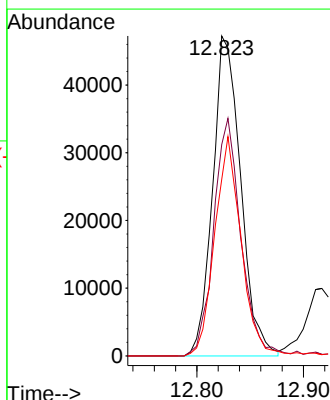
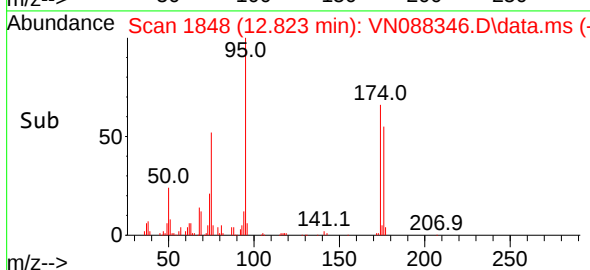
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

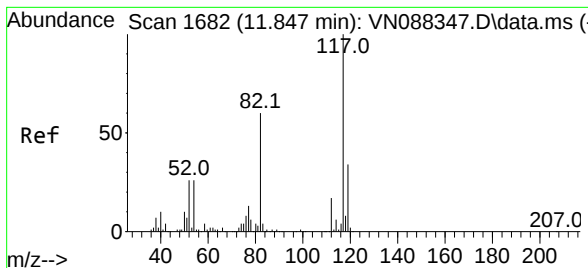


#62
4-Bromofluorobenzene
Concen: 18.015 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32



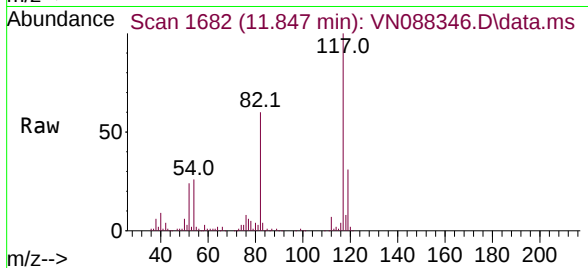
Tgt Ion: 95 Resp: 86319
Ion Ratio Lower Upper
95 100
174 72.1 0.0 139.0
176 64.6 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

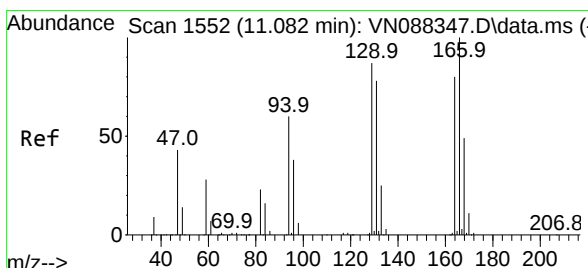
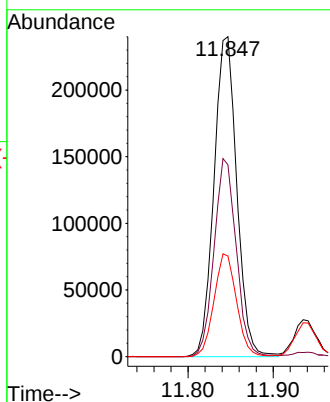
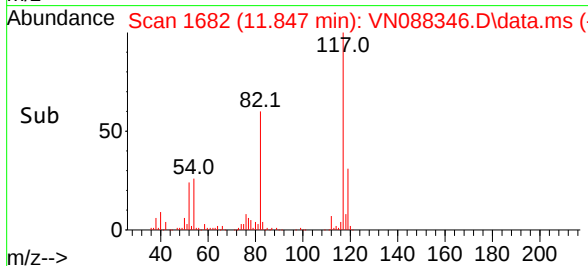
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 446626
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 31.4 26.9 40.3

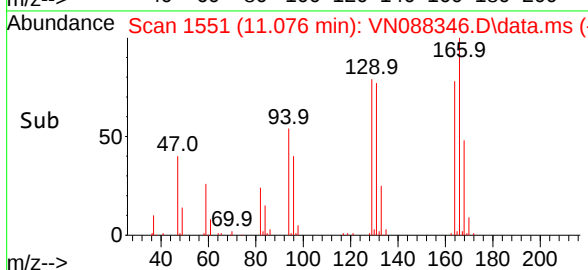
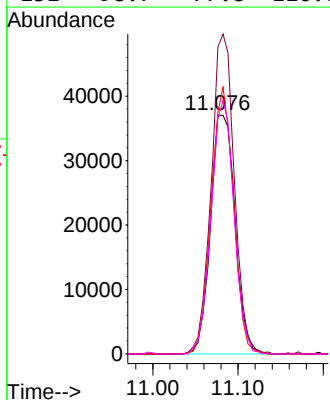
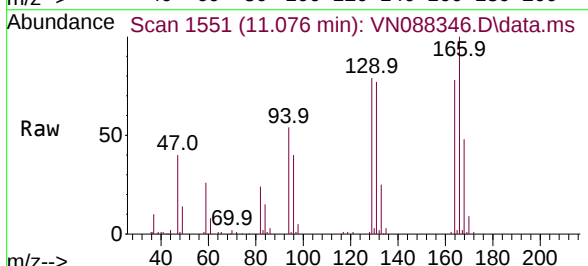
Manual Integrations
APPROVED

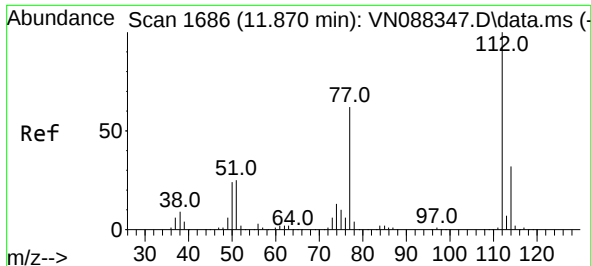
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#64
Tetrachloroethene
Concen: 23.611 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Tgt Ion:164 Resp: 73746
Ion Ratio Lower Upper
164 100
166 128.4 99.6 149.4
129 101.1 86.6 129.8
131 98.7 77.8 116.6





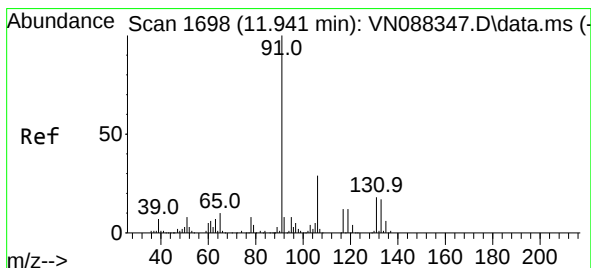
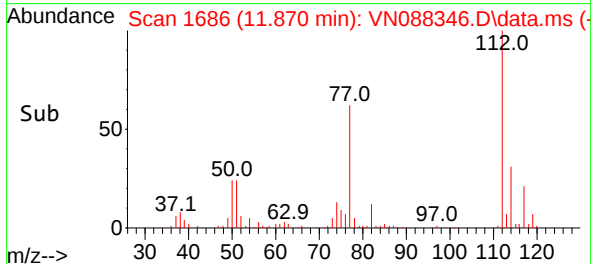
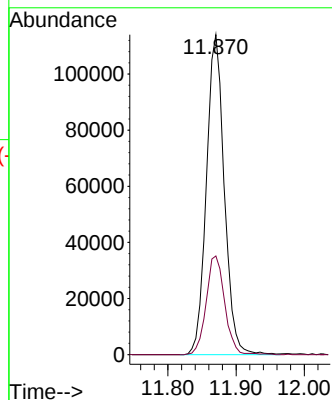
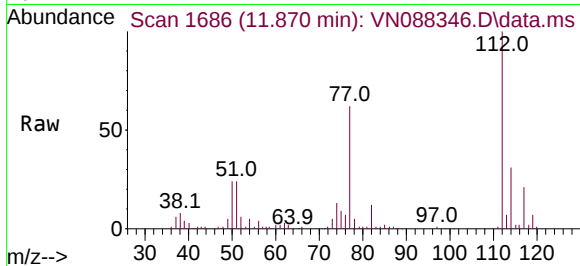
#65
Chlorobenzene
Concen: 19.968 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 207406
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2

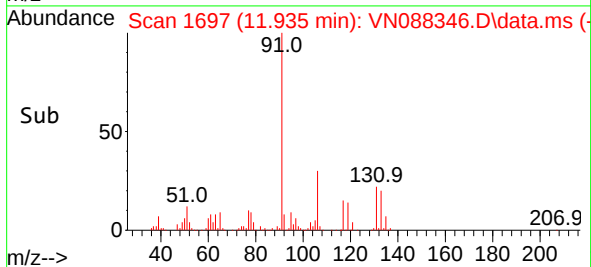
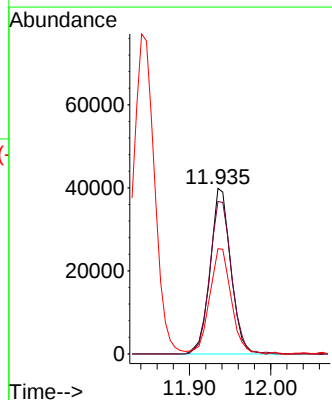
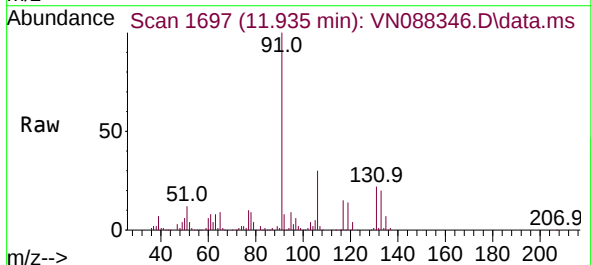
Manual Integrations
APPROVED

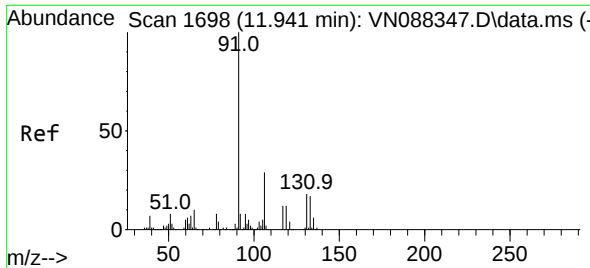
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.500 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

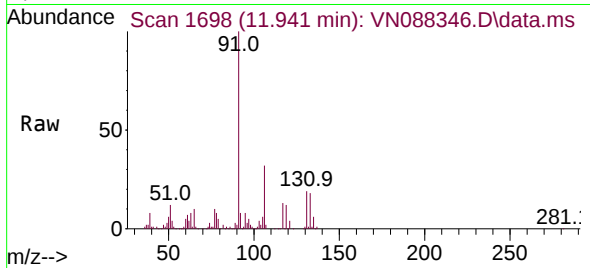
Tgt Ion:131 Resp: 70330
Ion Ratio Lower Upper
131 100
133 97.3 47.4 142.2
119 66.5 33.4 100.1





#67
Ethyl Benzene
Concen: 19.735 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

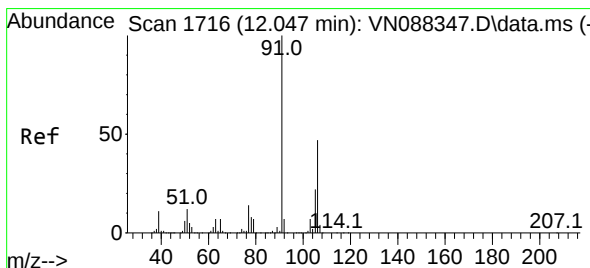
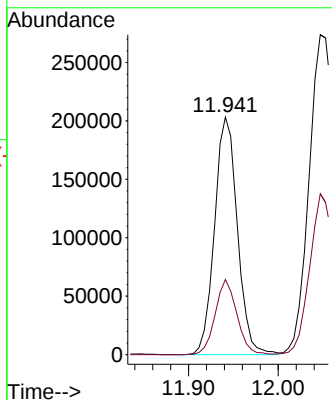
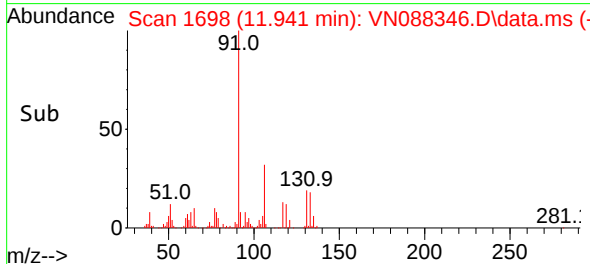
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



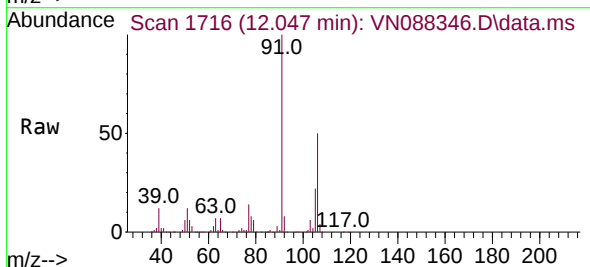
Tgt Ion: 91 Resp: 359783
Ion Ratio Lower Upper
91 100
106 31.6 23.6 35.4

Manual Integrations
APPROVED

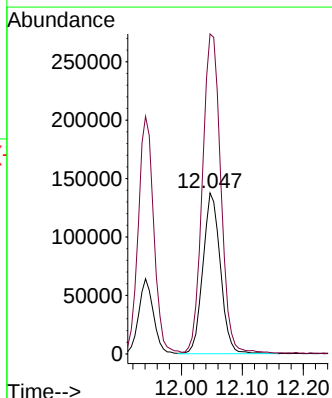
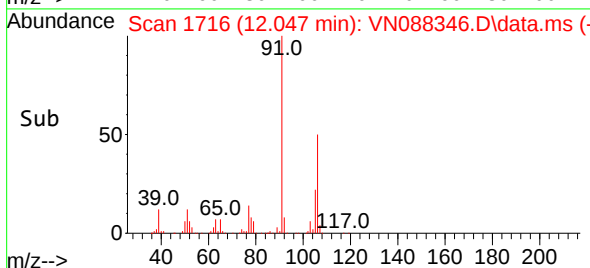
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

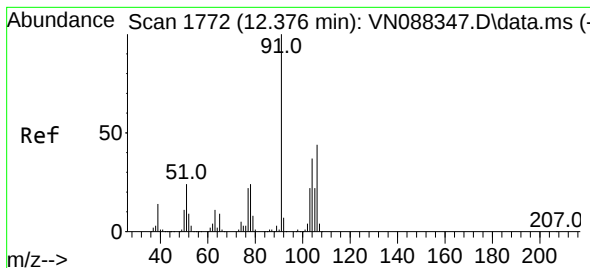


#68
m/p-Xylenes
Concen: 40.335 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32



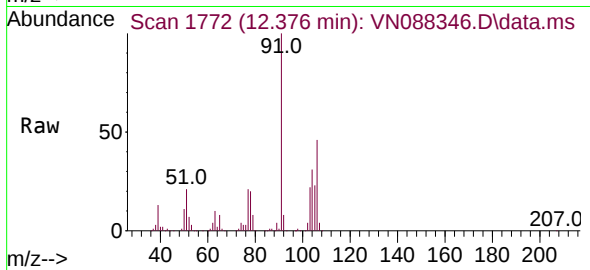
Tgt Ion:106 Resp: 274942
Ion Ratio Lower Upper
106 100
91 207.8 167.8 251.6





#69
o-Xylene
Concen: 19.957 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

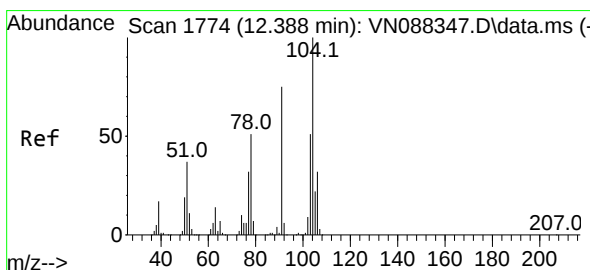
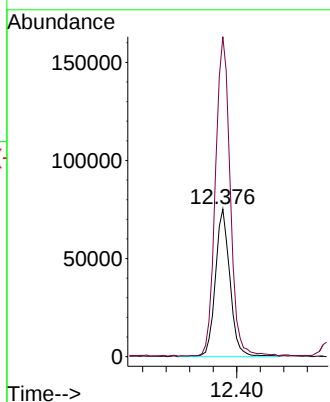
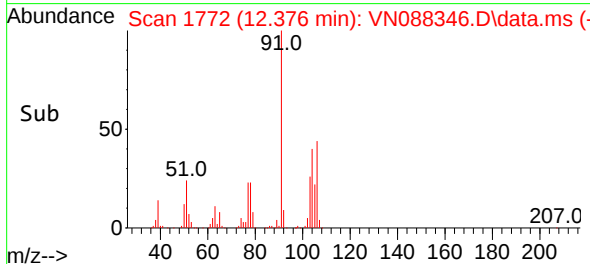
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:106 Resp: 128919
Ion Ratio Lower Upper
106 100
91 220.0 112.9 338.7

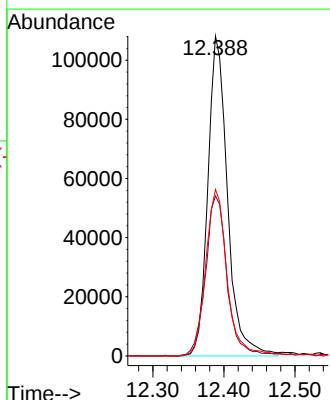
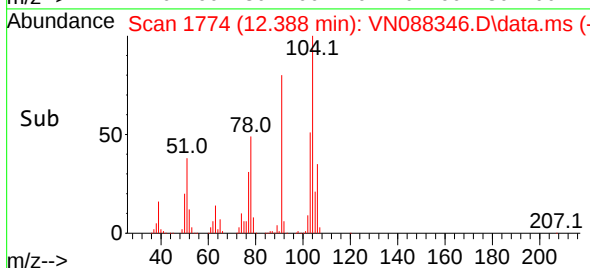
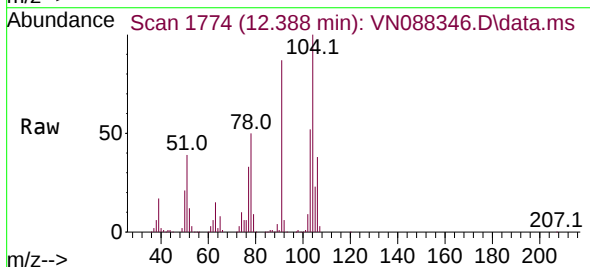
Manual Integrations
APPROVED

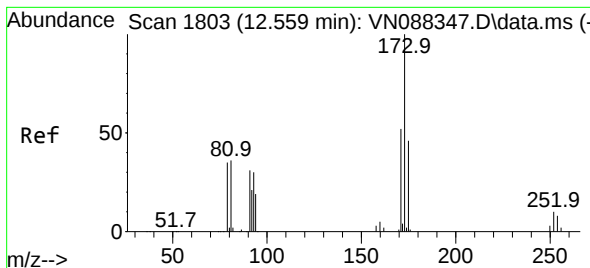
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#70
Styrene
Concen: 19.642 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Tgt Ion:104 Resp: 207850
Ion Ratio Lower Upper
104 100
78 55.2 44.3 66.5
103 56.5 44.2 66.4





#71

Bromoform

Concen: 19.929 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

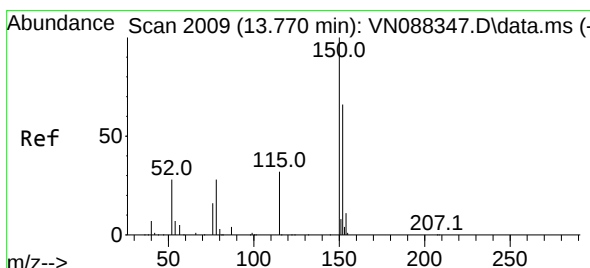
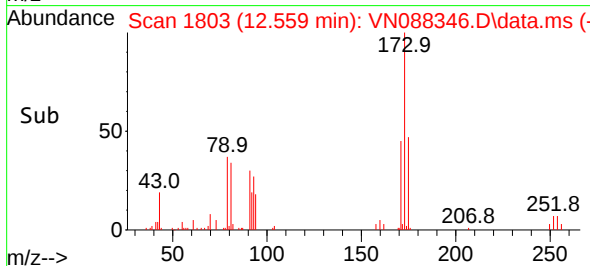
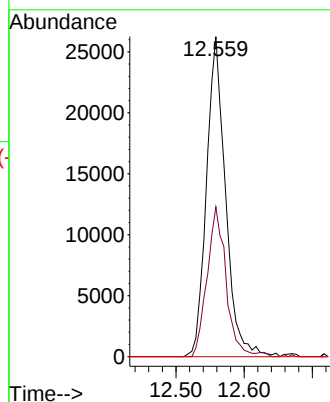
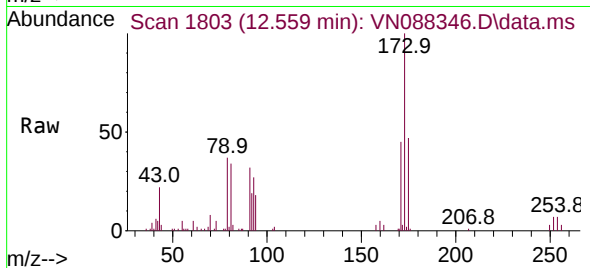
Tgt Ion:	173	Resp:	5095
Ion Ratio	Lower	Upper	
173	100		
175	46.3	23.9	71.8
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

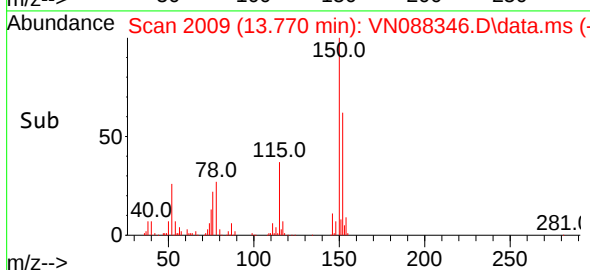
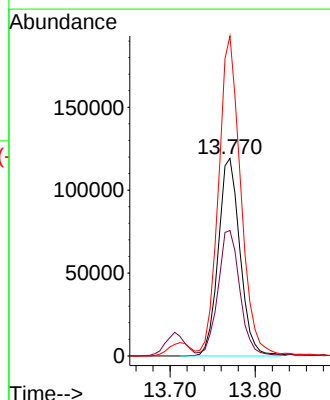
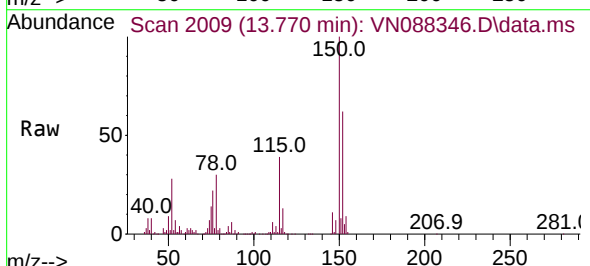
RT: 13.770 min Scan# 2009

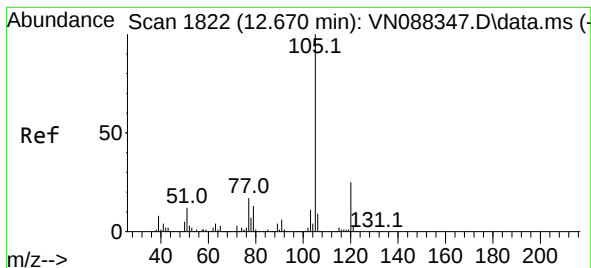
Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Tgt Ion:	152	Resp:	210470
Ion Ratio	Lower	Upper	
152	100		
115	63.6	33.0	98.9
150	166.4	0.0	349.0





#73

Isopropylbenzene

Concen: 20.064 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 332053

Ion Ratio Lower Upper

105 100

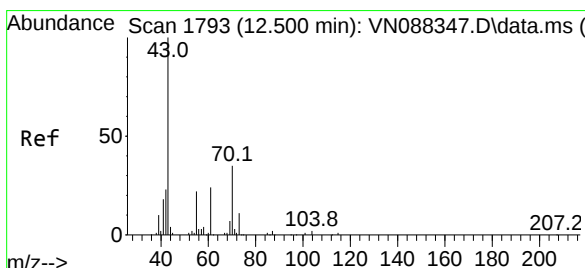
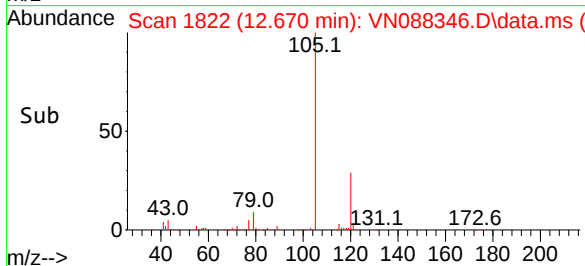
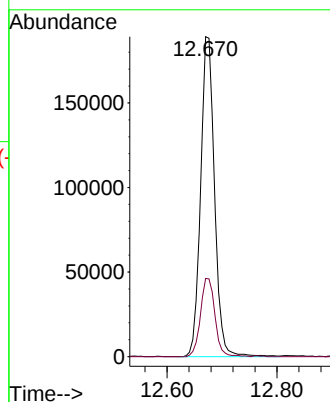
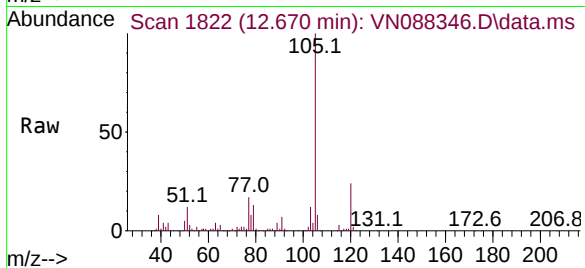
120 25.3 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#74

N-ethyl acetate

Concen: 20.946 ug/l m

RT: 12.682 min Scan# 1824

Delta R.T. 0.182 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Tgt Ion: 43 Resp: 98732

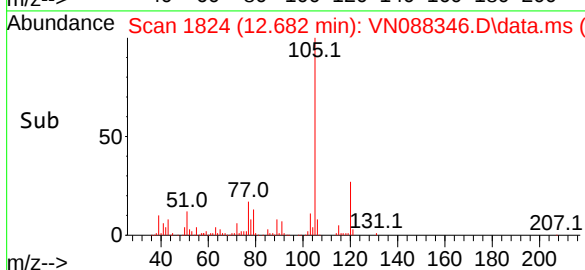
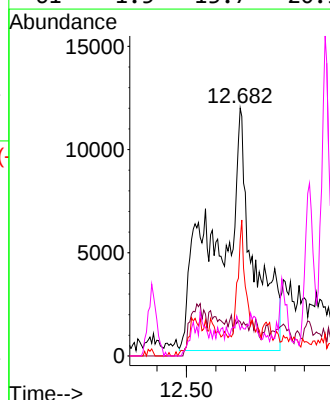
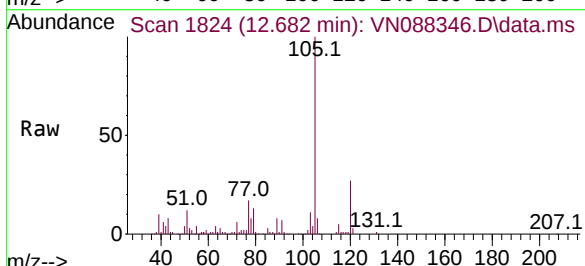
Ion Ratio Lower Upper

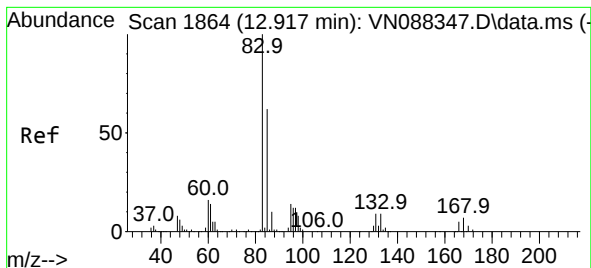
43 100

70 9.0 28.3 42.5#

55 0.0 17.7 26.5#

61 1.5 13.7 20.5#





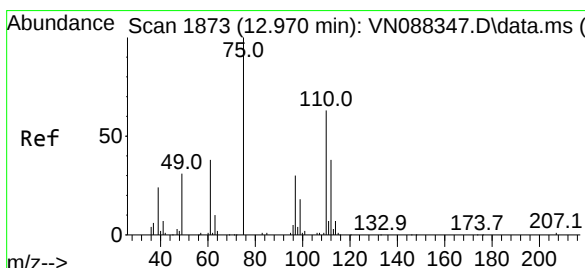
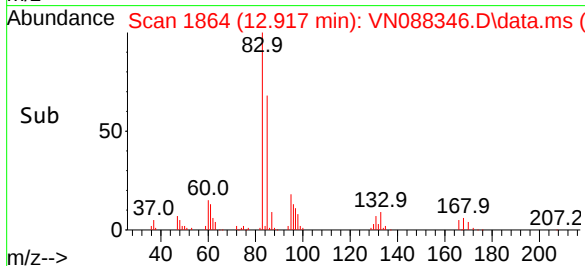
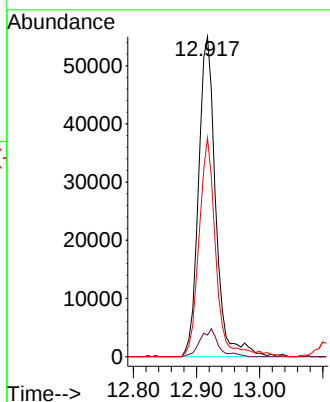
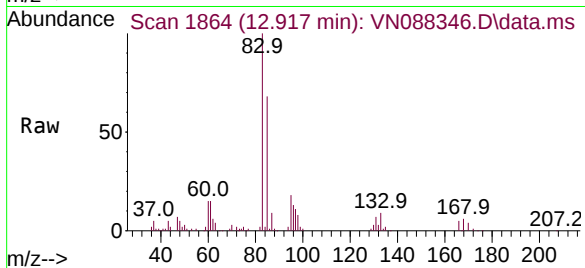
#75
1,1,2,2-Tetrachloroethane
Concen: 20.037 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 103664
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 67.0 32.1 96.5

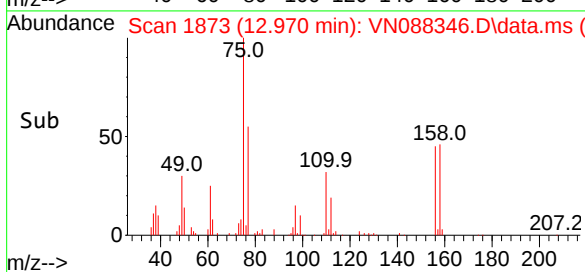
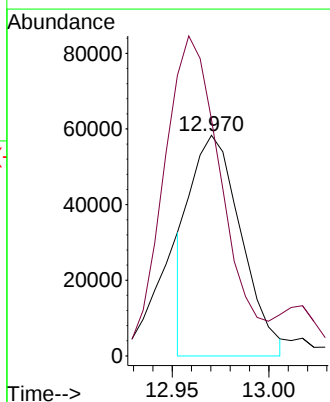
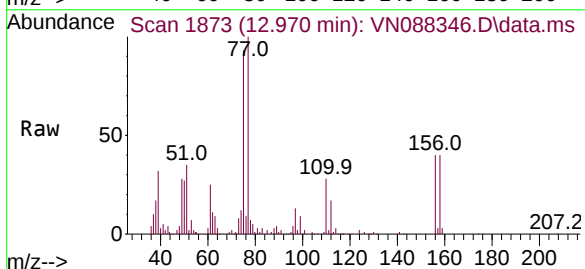
Manual Integrations
APPROVED

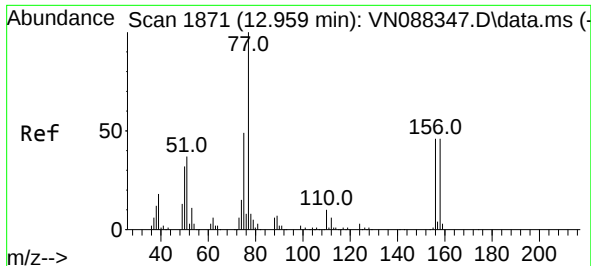
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#76
1,2,3-Trichloropropane
Concen: 21.331 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Tgt Ion: 75 Resp: 106718
Ion Ratio Lower Upper
75 100
77 167.6 87.2 261.6





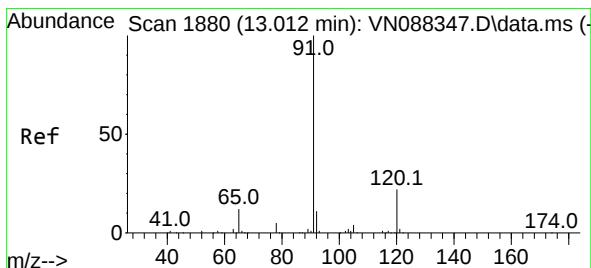
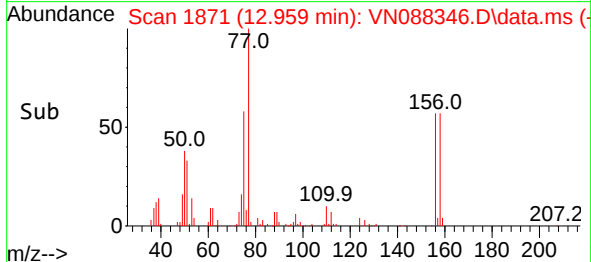
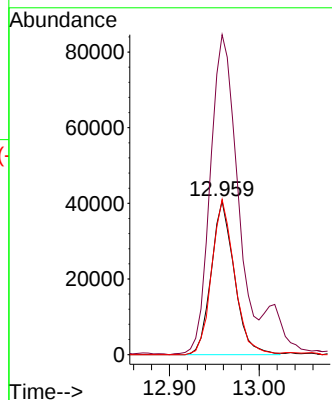
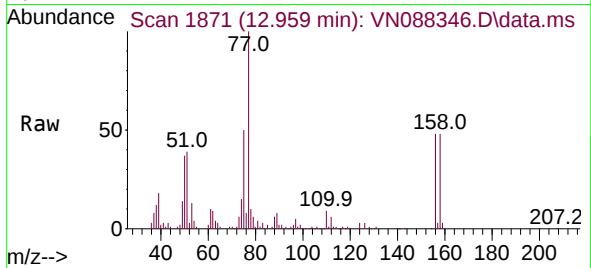
#77
Bromobenzene
Concen: 20.125 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 72921
Ion Ratio Lower Upper
156 100
77 245.2 121.6 364.7
158 99.8 48.6 145.8

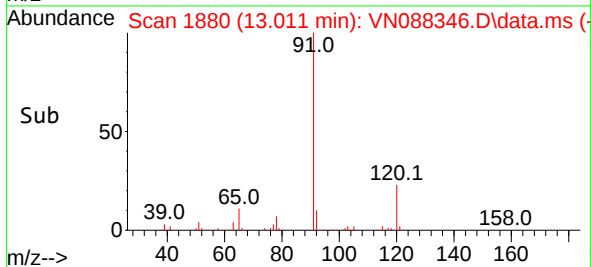
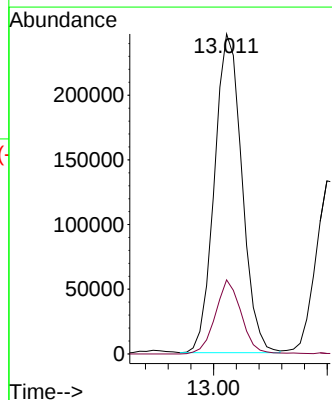
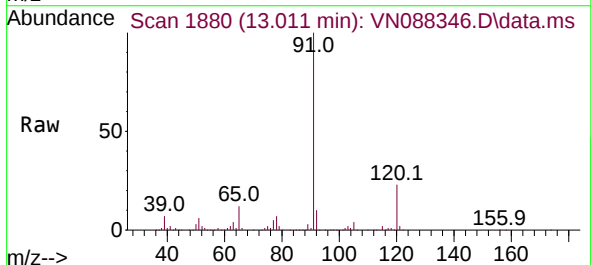
Manual Integrations
APPROVED

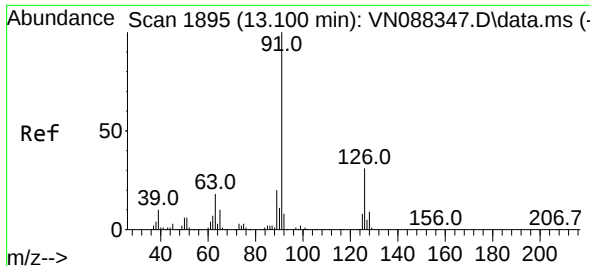
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#78
n-propylbenzene
Concen: 20.557 ug/l
RT: 13.011 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Tgt Ion: 91 Resp: 414648
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.6





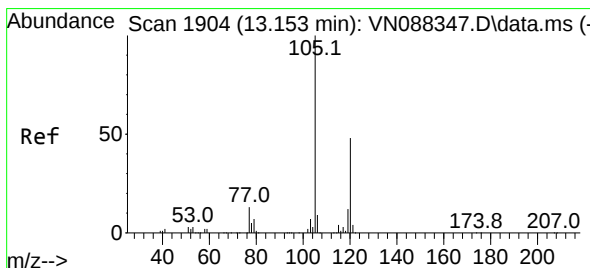
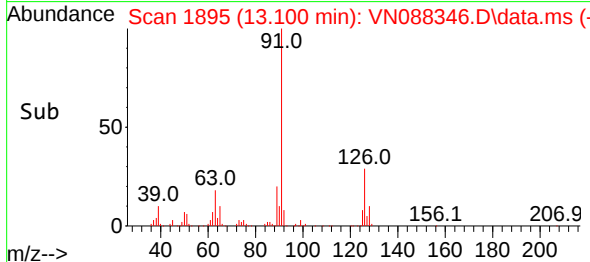
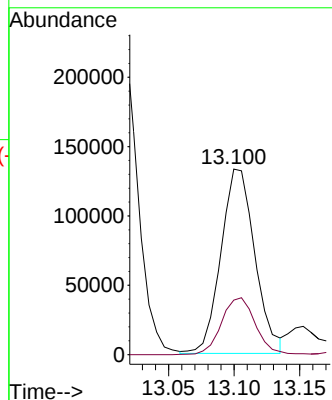
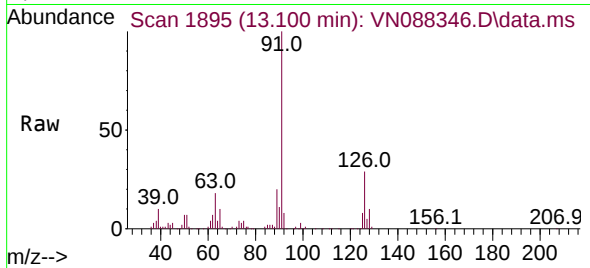
#79
2-Chlorotoluene
Concen: 20.663 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 240017
Ion Ratio Lower Upper
91 100
126 30.9 15.3 45.9

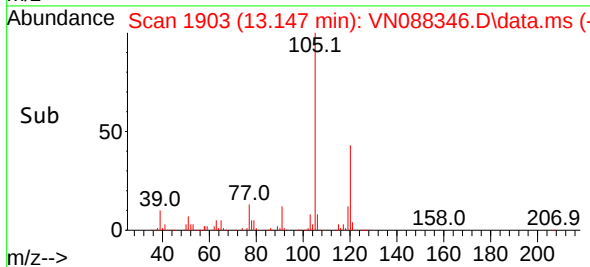
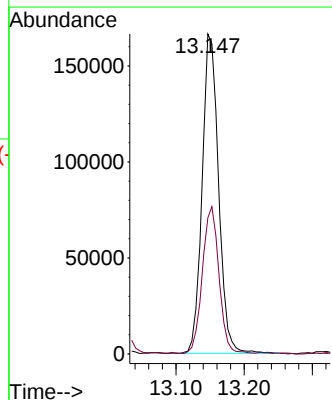
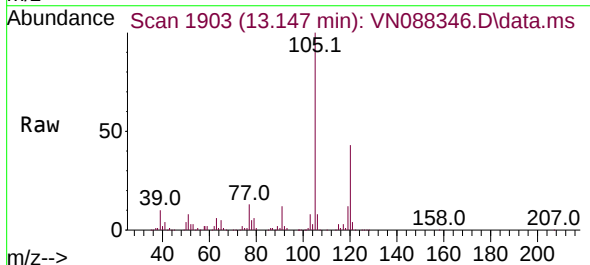
Manual Integrations
APPROVED

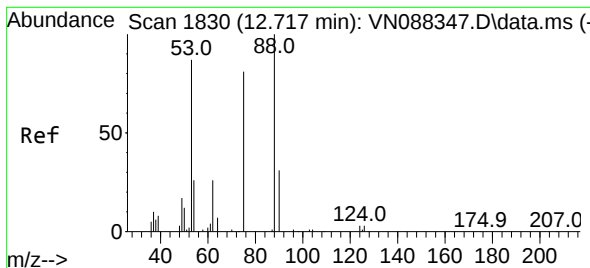
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.300 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

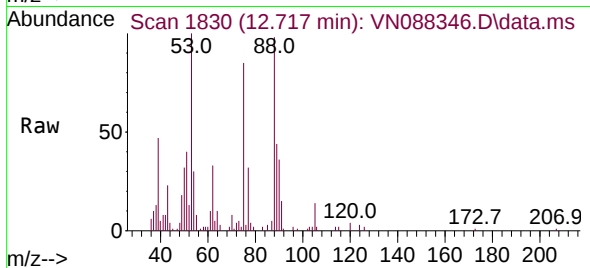
Tgt Ion:105 Resp: 279116
Ion Ratio Lower Upper
105 100
120 46.4 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 16.850 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

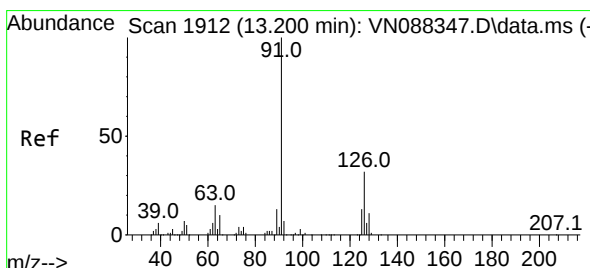
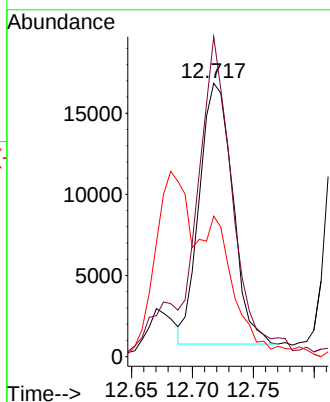
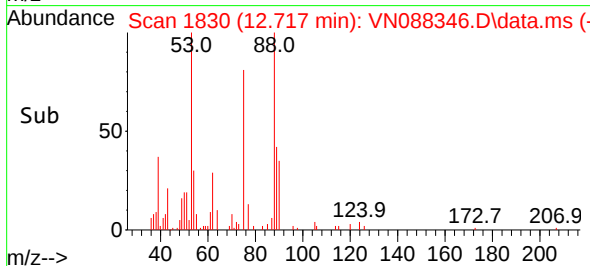
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



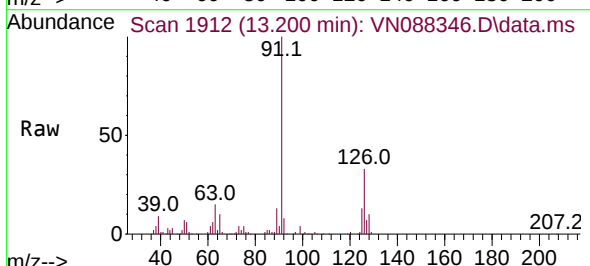
Tgt Ion: 75 Resp: 30676
Ion Ratio Lower Upper
75 100
53 145.4 92.2 138.4
89 0.0 0.0 0.0

Manual Integrations
APPROVED

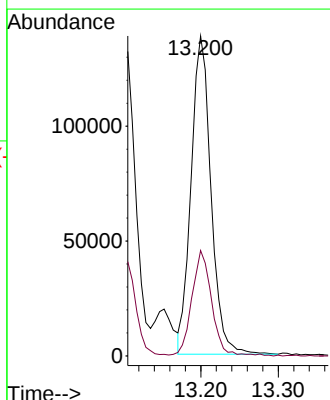
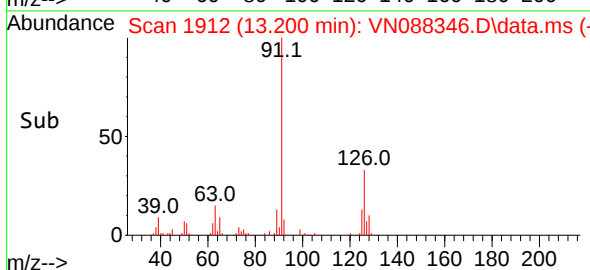
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

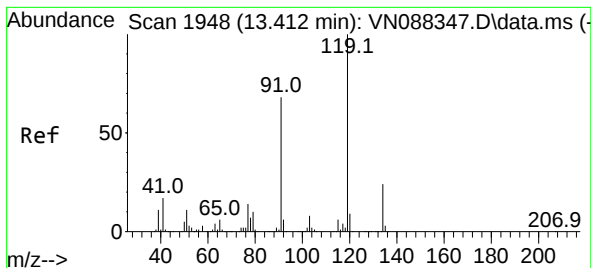


#82
4-Chlorotoluene
Concen: 19.645 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32



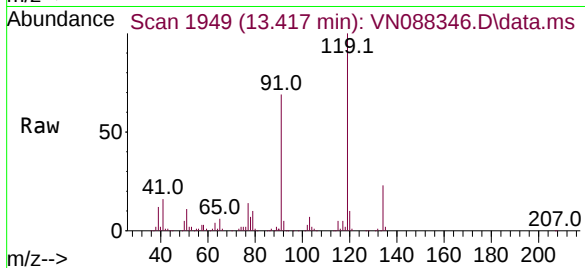
Tgt Ion: 91 Resp: 247131
Ion Ratio Lower Upper
91 100
126 33.0 15.6 46.7





#83
tert-Butylbenzene
Concen: 19.219 ug/l
RT: 13.417 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

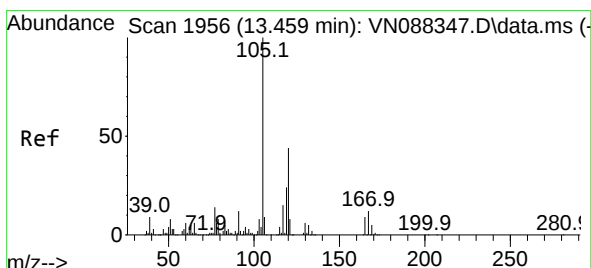
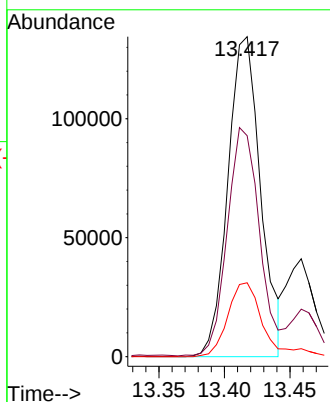
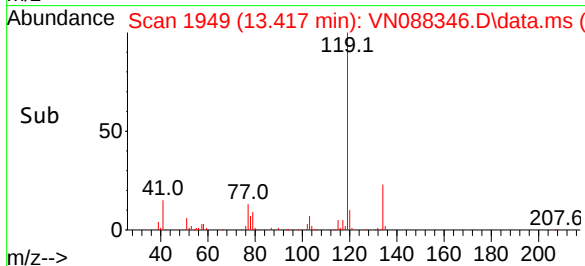
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



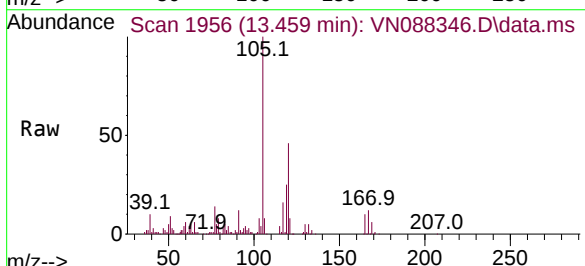
Tgt Ion:119 Resp: 233493
Ion Ratio Lower Upper
119 100
91 69.9 35.1 105.3
134 25.0 12.8 38.4

Manual Integrations
APPROVED

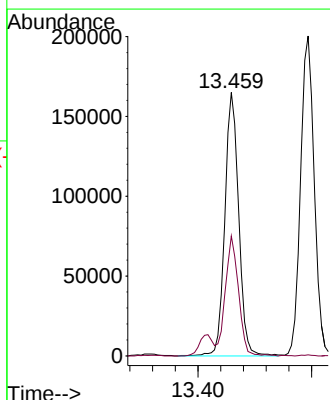
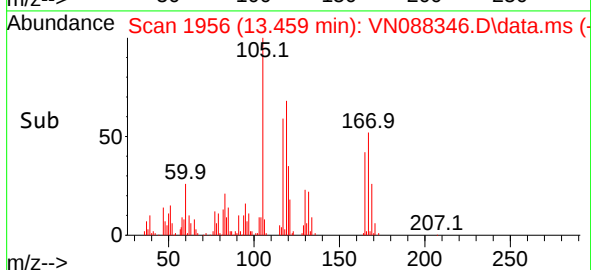
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

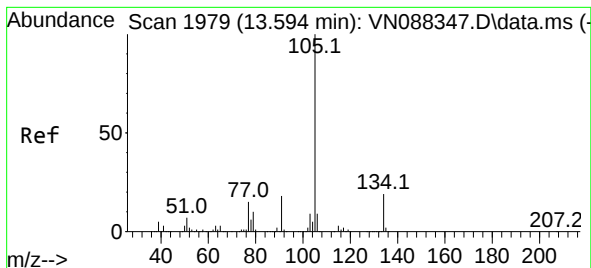


#84
1,2,4-Trimethylbenzene
Concen: 20.229 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32



Tgt Ion:105 Resp: 278702
Ion Ratio Lower Upper
105 100
120 42.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 18.805 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 33430

Ion Ratio Lower Upper

105 100

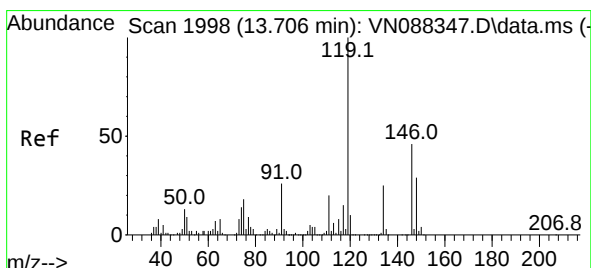
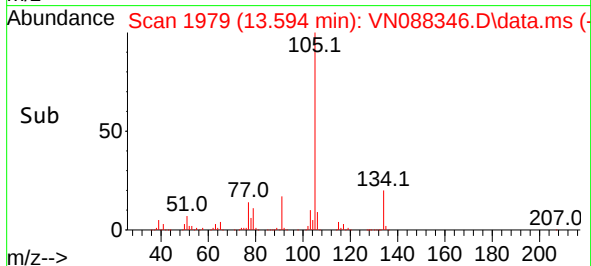
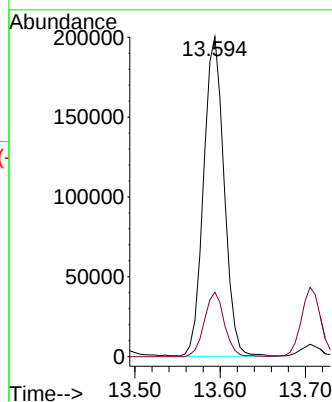
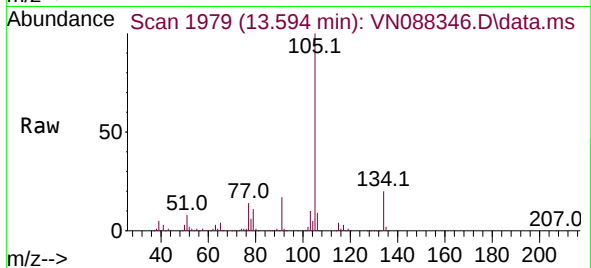
134 19.6 9.5 28.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#86

p-Isopropyltoluene

Concen: 19.577 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

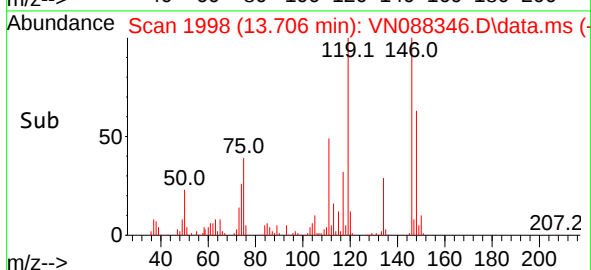
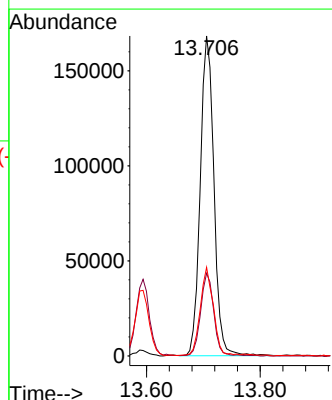
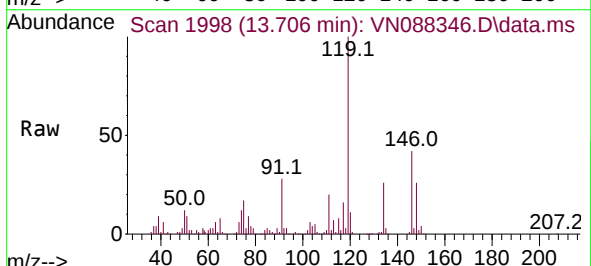
Tgt Ion:119 Resp: 280364

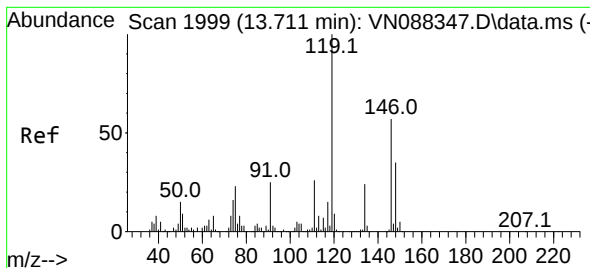
Ion Ratio Lower Upper

119 100

134 24.8 12.2 36.6

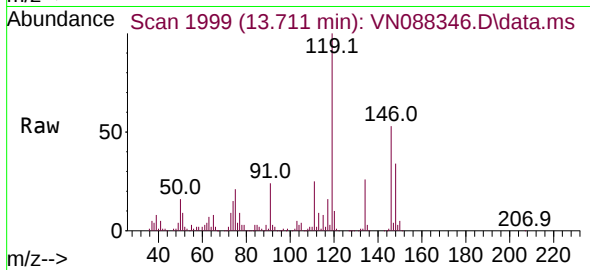
91 26.1 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 20.267 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

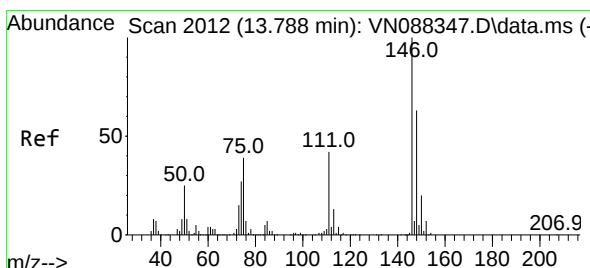
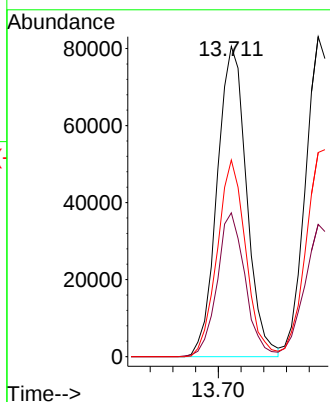
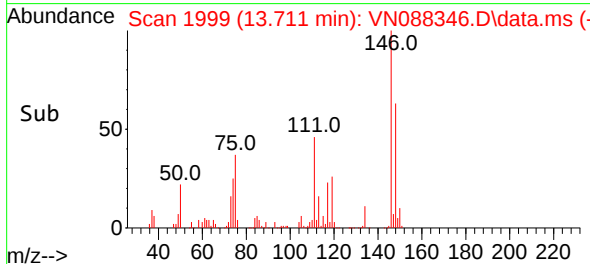
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



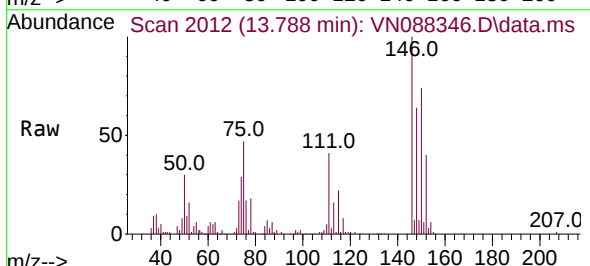
Tgt Ion:146 Resp: 144838
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 61.4 31.6 94.8

Manual Integrations
APPROVED

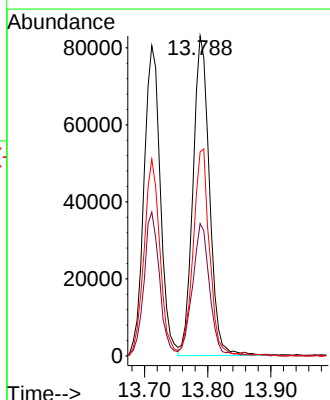
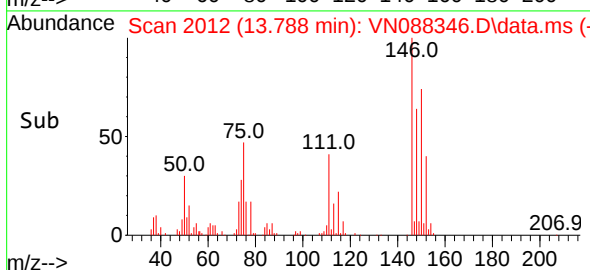
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025

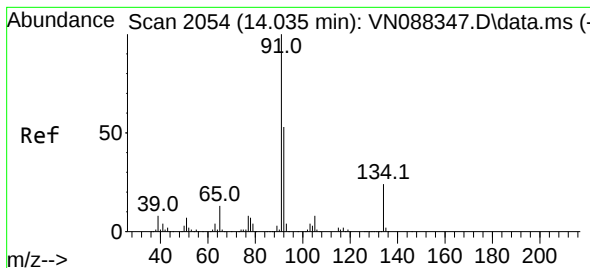


#88
1,4-Dichlorobenzene
Concen: 19.514 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32



Tgt Ion:146 Resp: 150329
Ion Ratio Lower Upper
146 100
111 42.1 21.6 64.6
148 62.8 31.0 93.0





#89

n-Butylbenzene

Concen: 18.845 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

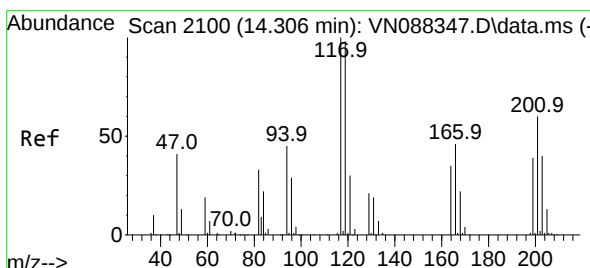
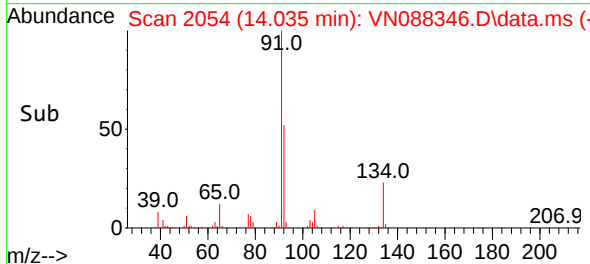
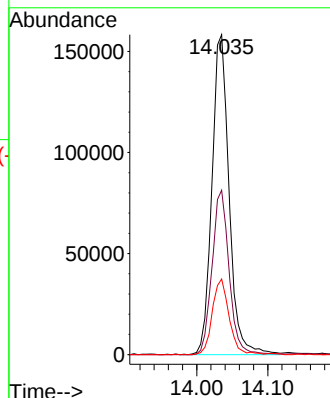
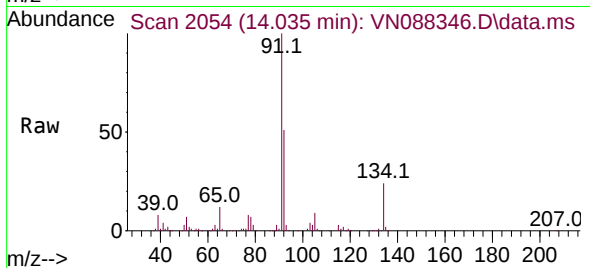
Tgt Ion:	91	Resp:	265582
Ion Ratio	Lower	Upper	
91	100		
92	51.1	26.1	78.3
134	23.1	11.7	35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#90

Hexachloroethane

Concen: 17.489 ug/l

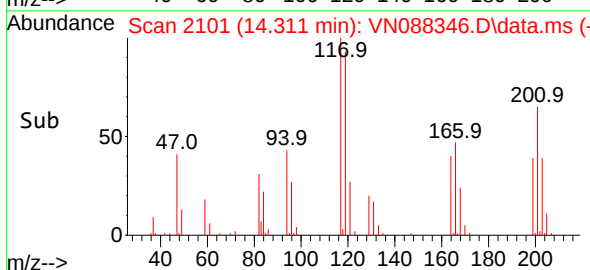
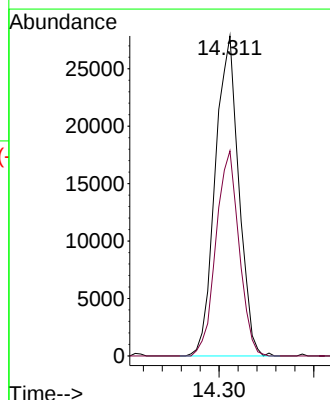
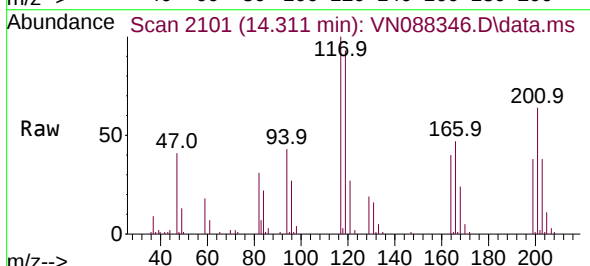
RT: 14.311 min Scan# 2101

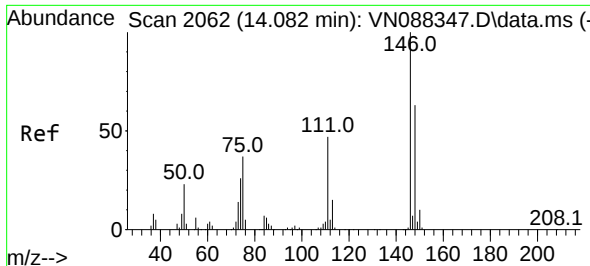
Delta R.T. 0.006 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

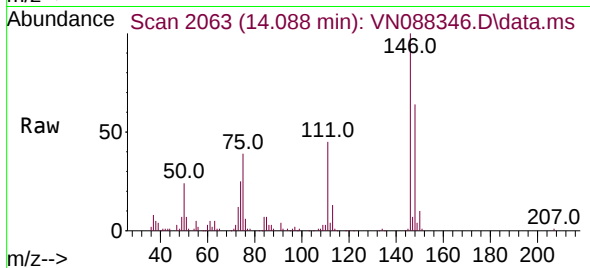
Tgt Ion:	117	Resp:	48067
Ion Ratio	Lower	Upper	
117	100		
201	62.9	30.3	90.9





#91
1,2-Dichlorobenzene
Concen: 19.325 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

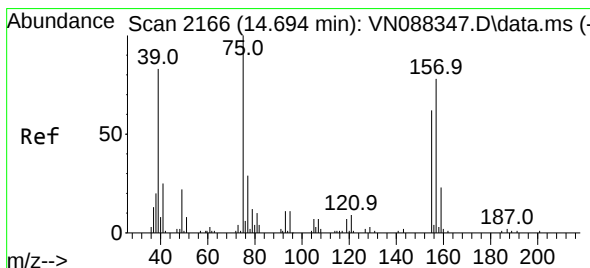
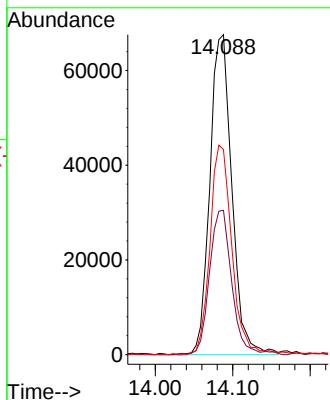
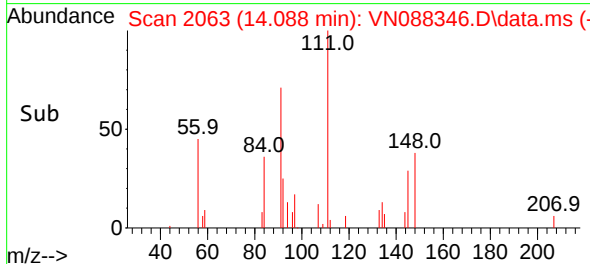
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 133291
Ion Ratio Lower Upper
146 100
111 45.0 23.3 69.9
148 65.3 31.8 95.4

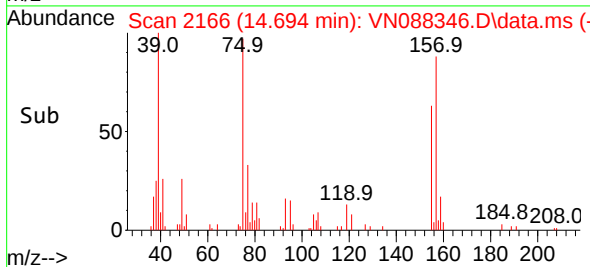
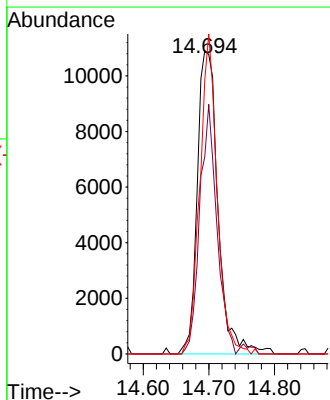
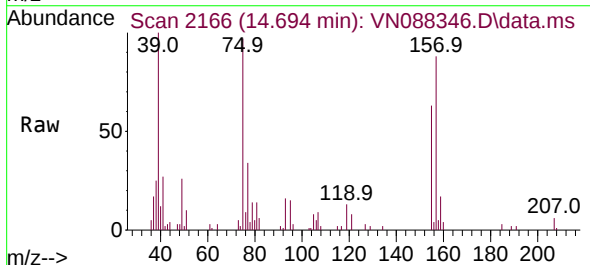
Manual Integrations
APPROVED

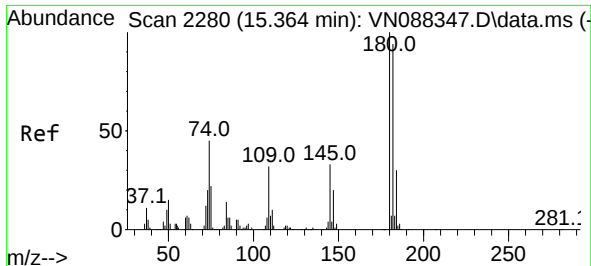
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.429 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Tgt Ion: 75 Resp: 23868
Ion Ratio Lower Upper
75 100
155 67.8 33.7 101.1
157 88.3 43.8 131.3





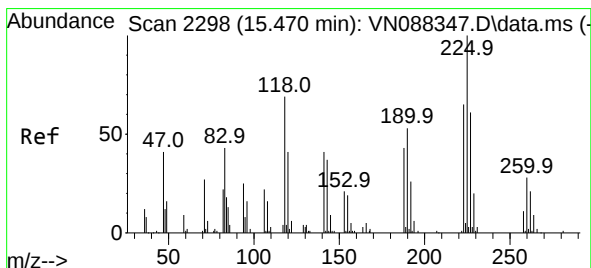
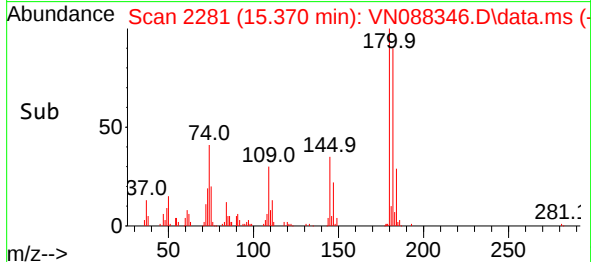
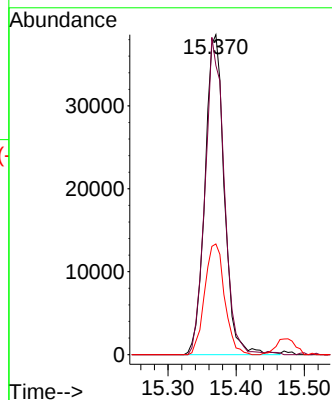
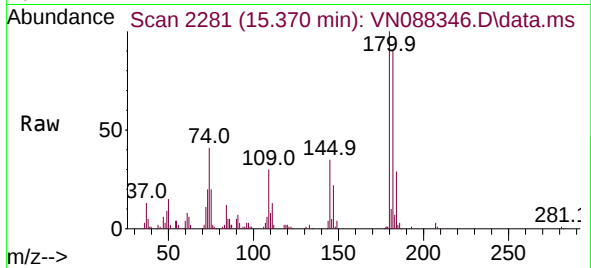
#93
1,2,4-Trichlorobenzene
Concen: 18.265 ug/l
RT: 15.370 min Scan# 2280
Delta R.T. 0.006 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:180 Resp: 75854
Ion Ratio Lower Upper
180 100
182 97.6 46.1 138.2
145 35.7 16.7 50.1

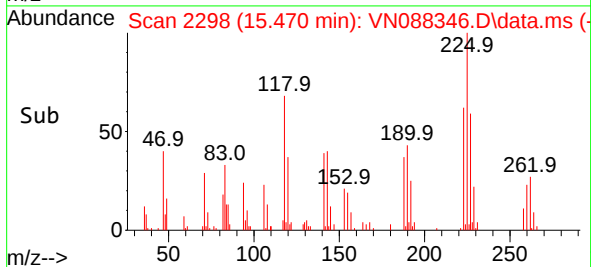
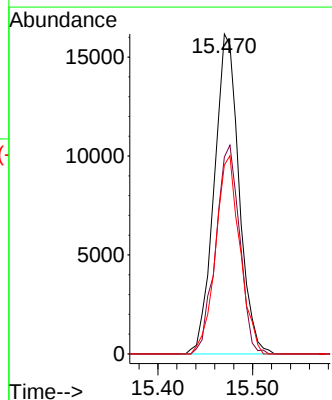
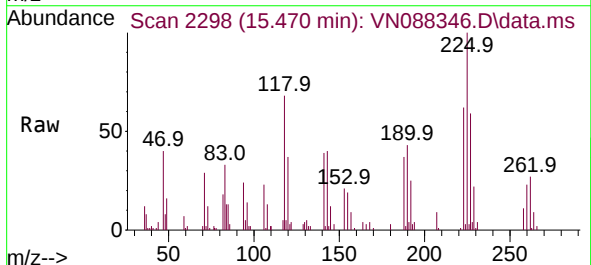
Manual Integrations
APPROVED

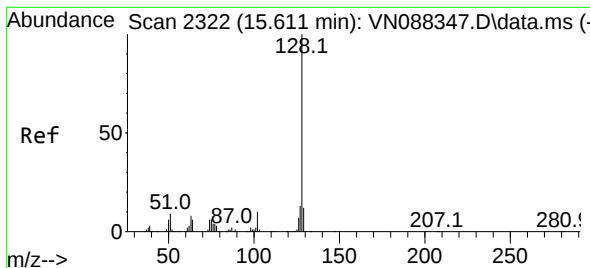
Reviewed By :John Carlone 11/25/2025
Supervised By :Mahesh Dadoda 11/26/2025



#94
Hexachlorobutadiene
Concen: 19.288 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN088346.D
Acq: 24 Nov 2025 13:32

Tgt Ion:225 Resp: 29359
Ion Ratio Lower Upper
225 100
223 62.9 32.3 96.8
227 60.9 29.9 89.8





#95

Naphthalene

Concen: 18.533 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:128 Resp: 266281

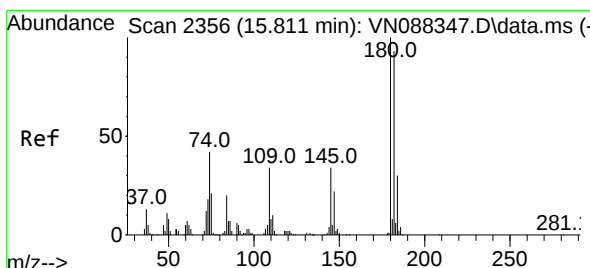
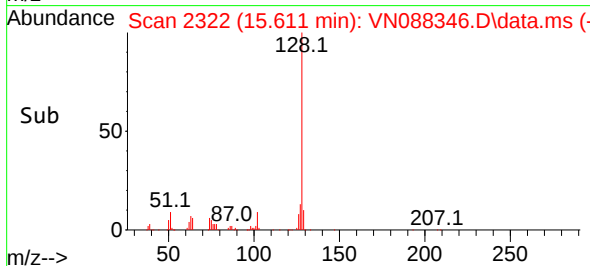
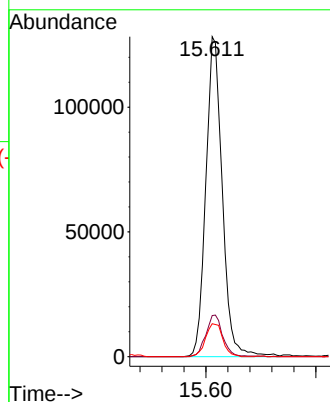
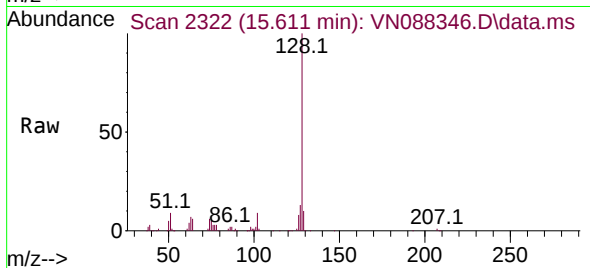
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.8	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2025

Supervised By :Mahesh Dadoda 11/26/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.658 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN088346.D

Acq: 24 Nov 2025 13:32

Tgt Ion:180 Resp: 74795

Ion	Ratio	Lower	Upper
180	100		
182	94.0	45.9	137.7
145	34.1	17.8	53.4

