

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086913.D
 Acq On : 10 Jun 2025 09:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 11 01:47:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/11/2025
 Supervised By : Mahesh Dadoda 06/11/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	239452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	422119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	362285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	170987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146800	45.789	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.580%		
35) Dibromofluoromethane	8.171	113	127253	50.869	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.740%		
50) Toluene-d8	10.565	98	486698	49.146	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.300%		
62) 4-Bromofluorobenzene	12.847	95	177087	48.131	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	120199	50.345	ug/l	98
3) Chloromethane	2.395	50	132091	42.845	ug/l	99
4) Vinyl Chloride	2.554	62	156438	49.190	ug/l	98
5) Bromomethane	2.989	94	85611	48.104	ug/l	96
6) Chloroethane	3.154	64	100888	49.111	ug/l	96
7) Trichlorofluoromethane	3.530	101	203113	48.882	ug/l	99
8) Diethyl Ether	3.983	74	90847	50.181	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.395	101	126828	48.583	ug/l	98
10) Methyl Iodide	4.612	142	142941	42.239	ug/l	99
11) Tert butyl alcohol	5.536	59	177401	203.929	ug/l	99
12) 1,1-Dichloroethene	4.371	96	131127	49.200	ug/l	96
13) Acrolein	4.195	56	63063	229.021	ug/l	98
14) Allyl chloride	5.048	41	197016	44.573	ug/l	96
15) Acrylonitrile	5.736	53	467151	229.750	ug/l	100
16) Acetone	4.442	43	416888	245.204	ug/l	100
17) Carbon Disulfide	4.736	76	341962	46.386	ug/l	99
18) Methyl Acetate	5.042	43	225420	45.497	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	478684	49.605	ug/l	99
20) Methylene Chloride	5.295	84	147723	46.410	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	140464	47.370	ug/l	97
22) Diisopropyl ether	6.683	45	439557	47.178	ug/l	98
23) Vinyl Acetate	6.618	43	1865051	236.925	ug/l	98
24) 1,1-Dichloroethane	6.589	63	258382	48.190	ug/l	100
25) 2-Butanone	7.489	43	590344	213.617	ug/l	96
26) 2,2-Dichloropropane	7.500	77	225847	54.150	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	172582	48.666	ug/l	99
28) Bromochloromethane	7.824	49	113231	42.951	ug/l	92
29) Tetrahydrofuran	7.847	42	389154	216.165	ug/l	96
30) Chloroform	7.977	83	252183	47.097	ug/l	99
31) Cyclohexane	8.265	56	217182	41.767	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	214121	47.016	ug/l	98
36) 1,1-Dichloropropene	8.377	75	184378	49.463	ug/l	99
37) Ethyl Acetate	7.571	43	220517	46.471	ug/l	98
38) Carbon Tetrachloride	8.371	117	181026	49.466	ug/l	99
39) Methylcyclohexane	9.606	83	220974	43.269	ug/l	93
40) Benzene	8.612	78	591102	48.493	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	120605	45.256	ug/l	93
42) 1,2-Dichloroethane	8.677	62	179943	48.671	ug/l	100
43) Isopropyl Acetate	8.694	43	350324	45.998	ug/l	97
44) Trichloroethene	9.359	130	145683	50.404	ug/l	96
45) 1,2-Dichloropropane	9.624	63	145320	49.004	ug/l	100
46) Dibromomethane	9.712	93	99996	50.766	ug/l	99
47) Bromodichloromethane	9.888	83	202301	49.918	ug/l	99
48) Methyl methacrylate	9.683	41	159853	45.601	ug/l	96
49) 1,4-Dioxane	9.700	88	56947	892.983	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	1081942	235.975	ug/l	97
52) Toluene	10.630	92	367587	49.345	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	234554	51.759	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	249744	51.506	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	142700	49.785	ug/l	98
56) Ethyl methacrylate	10.877	69	248574	54.447	ug/l	93
57) 1,3-Dichloropropane	11.165	76	244911	49.255	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	665707	244.474	ug/l	97
59) 2-Hexanone	11.200	43	715095	242.131	ug/l	93
60) Dibromochloromethane	11.359	129	153400	51.366	ug/l	99
61) 1,2-Dibromoethane	11.471	107	147800	50.307	ug/l	97
64) Tetrachloroethene	11.106	164	111601	48.675	ug/l	97
65) Chlorobenzene	11.888	112	404797	50.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	132787	51.699	ug/l	99
67) Ethyl Benzene	11.965	91	668179	48.548	ug/l	99
68) m/p-Xylenes	12.071	106	526722	99.975	ug/l	99
69) o-Xylene	12.394	106	258839	51.297	ug/l	95
70) Styrene	12.412	104	446437	51.704	ug/l	99
71) Bromoform	12.576	173	104086	54.693	ug/l #	100
73) Isopropylbenzene	12.694	105	621794	49.917	ug/l	99
74) N-amyl acetate	12.506	43	231590	53.204	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	216753	51.363	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	182840m	44.986	ug/l	
77) Bromobenzene	12.976	156	154418	54.054	ug/l	97
78) n-propylbenzene	13.035	91	736021	48.621	ug/l	98
79) 2-Chlorotoluene	13.124	91	443618	48.865	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	505593	49.161	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	91865m	52.029	ug/l	
82) 4-Chlorotoluene	13.218	91	463176	50.423	ug/l	99
83) tert-Butylbenzene	13.435	119	440956	46.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	509675	49.422	ug/l	98
85) sec-Butylbenzene	13.612	105	629702	46.060	ug/l	99
86) p-Isopropyltoluene	13.729	119	535293	47.367	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	286869	51.039	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	290947	50.774	ug/l	100
89) n-Butylbenzene	14.053	91	485793	44.380	ug/l	99
90) Hexachloroethane	14.329	117	92000	48.027	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	274399	50.816	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	47339	46.906	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	156993	45.529	ug/l	99
94) Hexachlorobutadiene	15.500	225	48622	37.848	ug/l	95
95) Naphthalene	15.635	128	625189	48.711	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	146962	42.897	ug/l	99

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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 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

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Client SampleId :

VSTDCCC050

Manual Integrations

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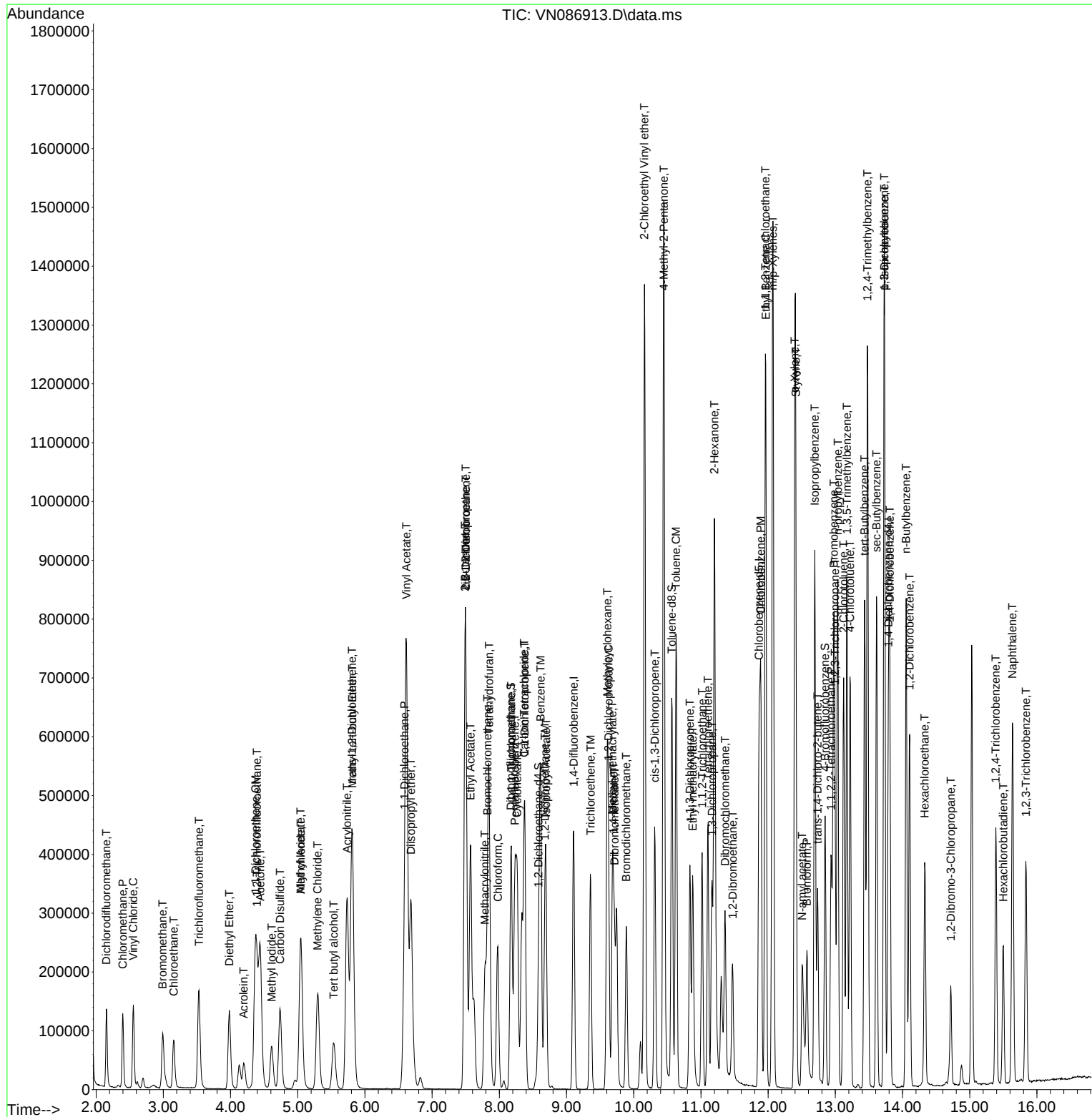
Quant Time: Jun 11 01:47:05 2025

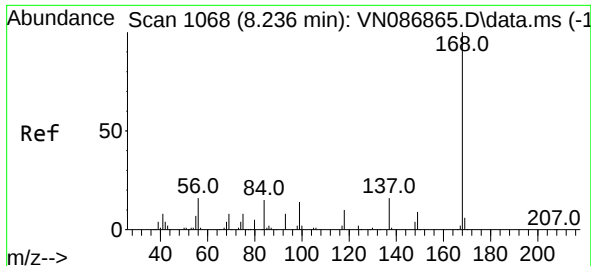
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M

Quant Title : SW846 8260

QLast Update : Sat Jun 07 02:12:50 2025

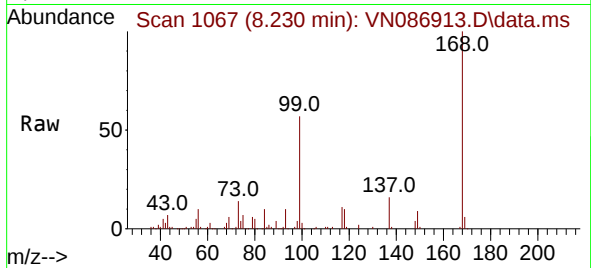
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086913.D
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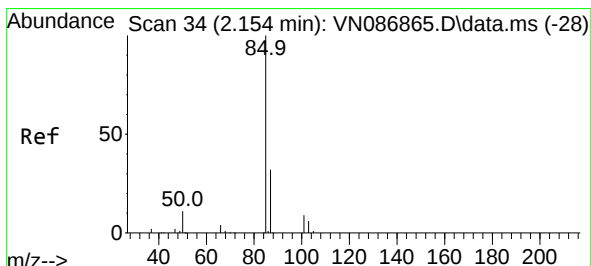
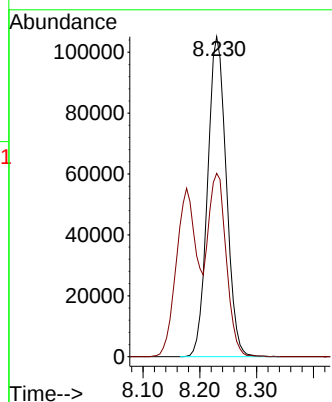
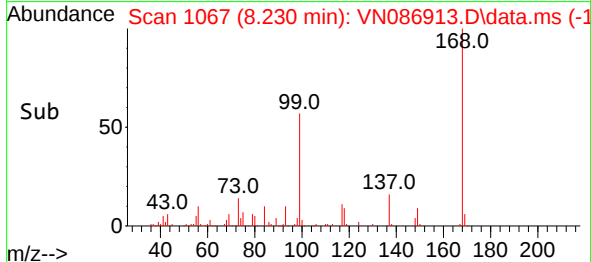
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 239452
Ion Ratio Lower Upper
168 100
99 57.3 49.1 73.7

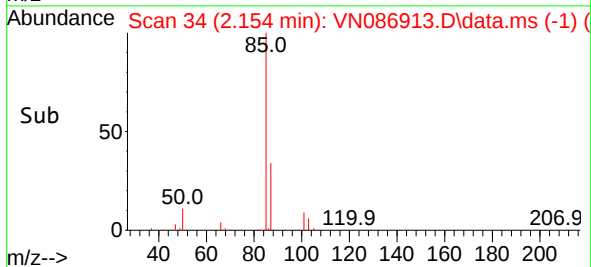
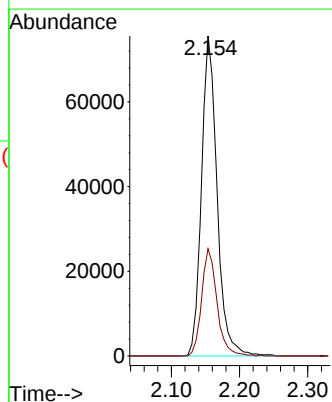
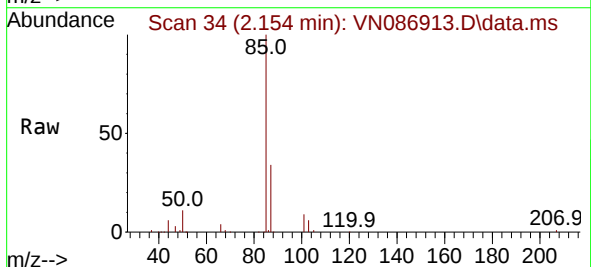
Manual Integrations
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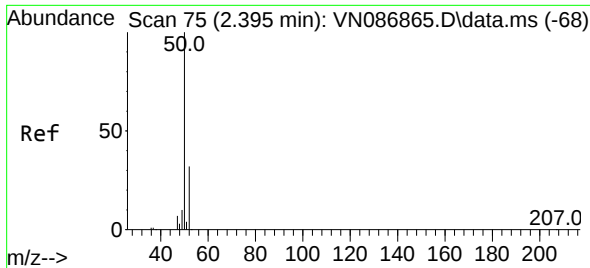
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#2
Dichlorodifluoromethane
Concen: 50.345 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

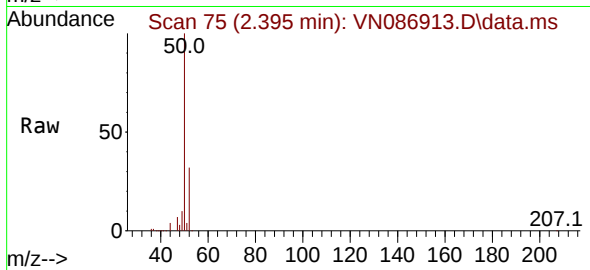
Tgt Ion: 85 Resp: 120199
Ion Ratio Lower Upper
85 100
87 33.5 16.2 48.6





#3
Chloromethane
Concen: 42.845 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

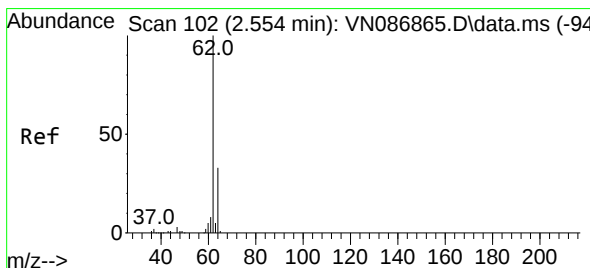
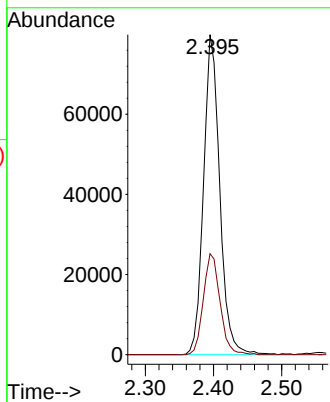
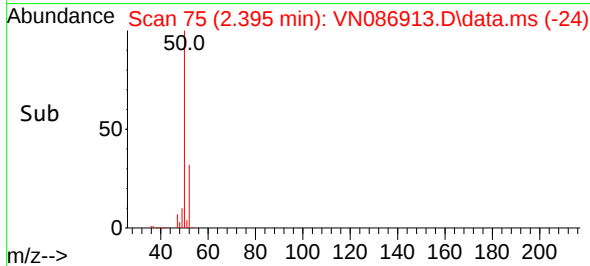
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 13209
Ion Ratio Lower Upper
50 100
52 31.6 25.7 38.5

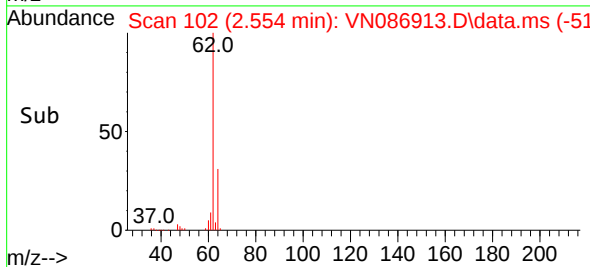
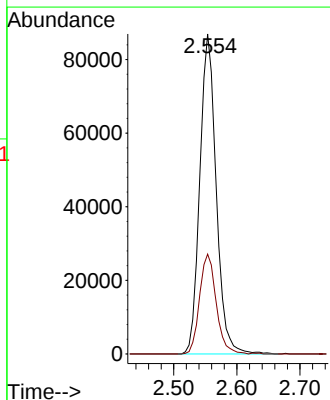
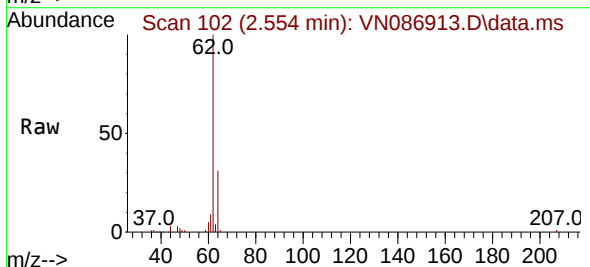
Manual Integrations
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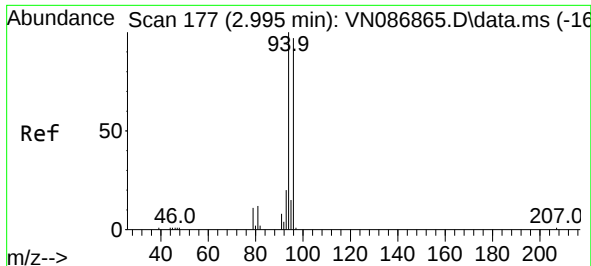
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#4
Vinyl Chloride
Concen: 49.190 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

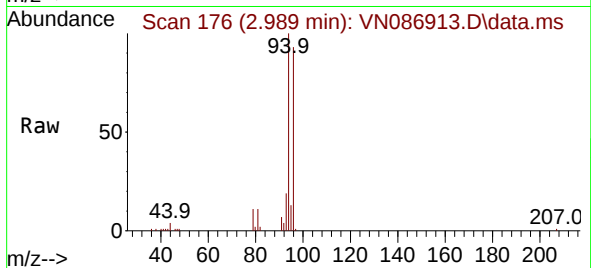
Tgt Ion: 62 Resp: 156438
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0





#5
Bromomethane
Concen: 48.104 ug/l
RT: 2.989 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

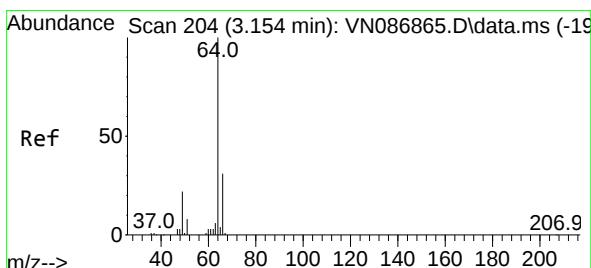
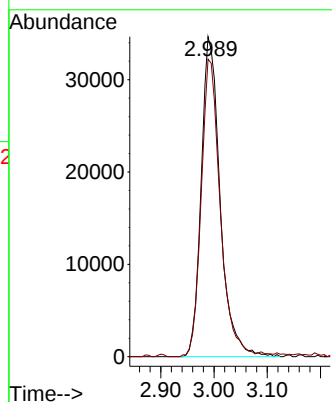
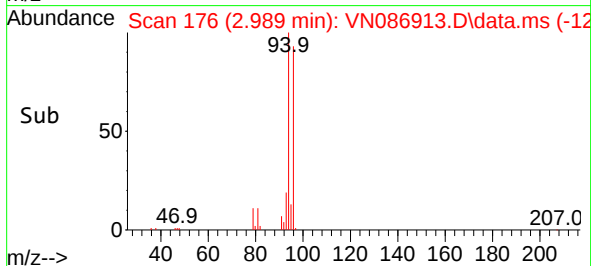
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 8561
Ion Ratio Lower Upper
94 100
96 93.0 77.9 116.9

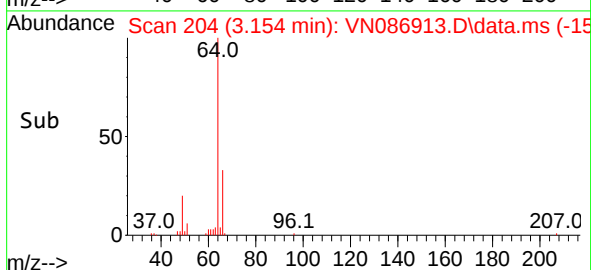
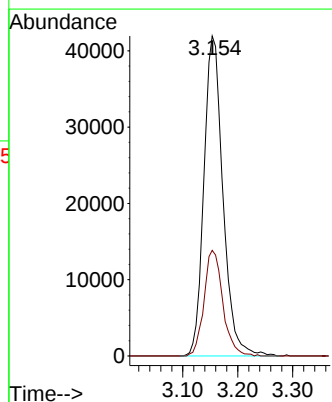
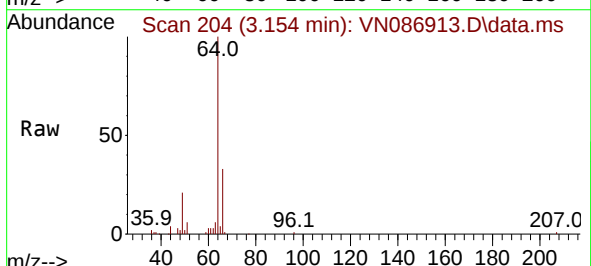
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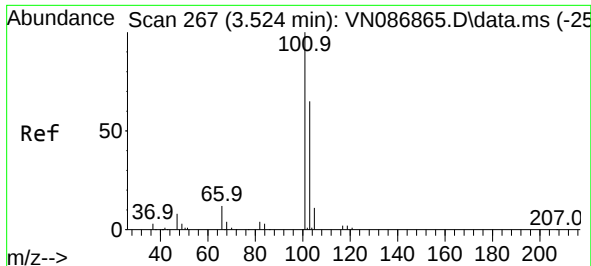
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#6
Chloroethane
Concen: 49.111 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 64 Resp: 100888
Ion Ratio Lower Upper
64 100
66 33.0 24.6 36.8





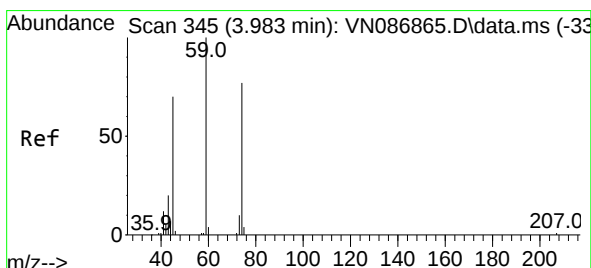
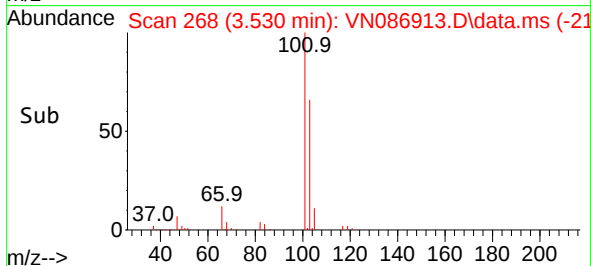
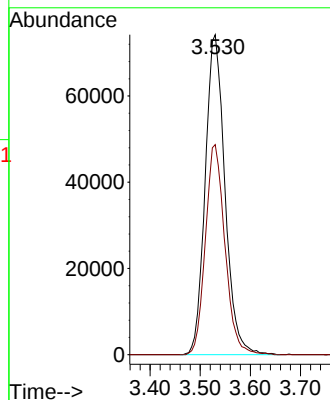
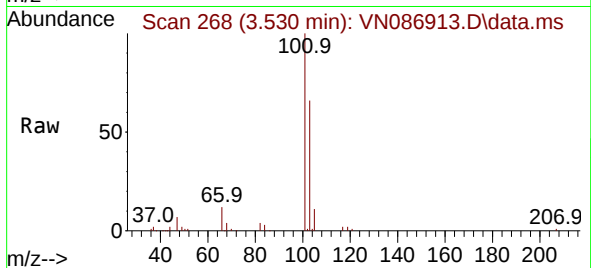
#7
Trichlorofluoromethane
Concen: 48.882 ug/l
RT: 3.530 min Scan# 267
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 20311
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.2

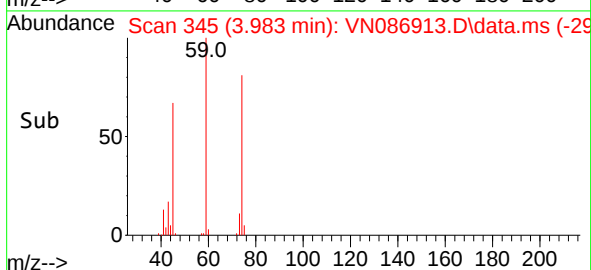
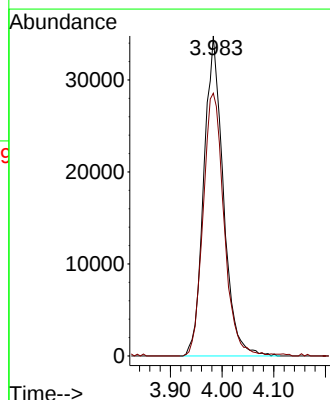
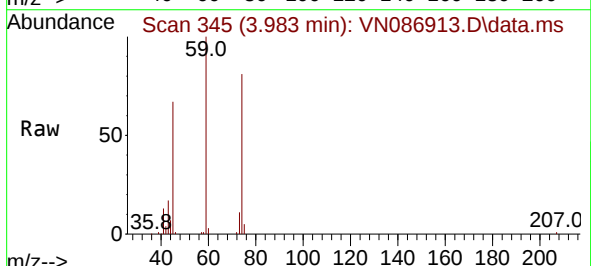
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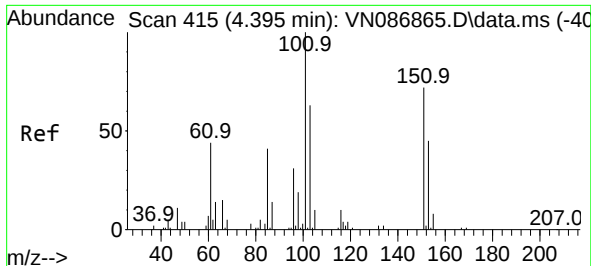
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#8
Diethyl Ether
Concen: 50.181 ug/l
RT: 3.983 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion: 74 Resp: 90847
Ion Ratio Lower Upper
74 100
45 88.0 45.5 136.5





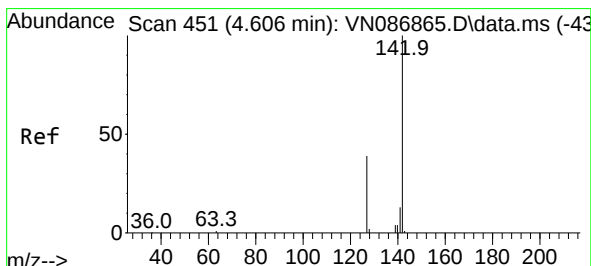
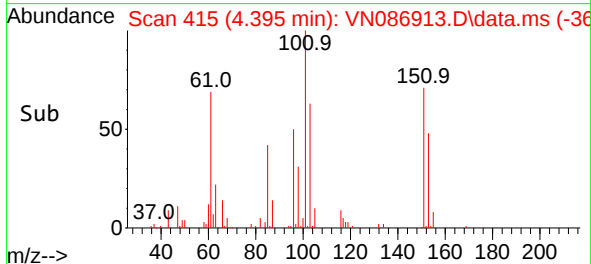
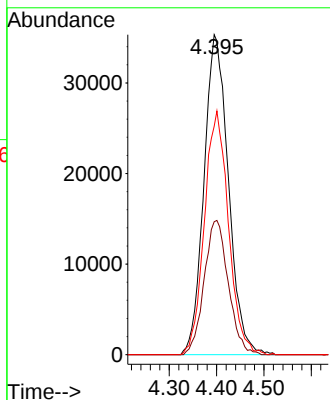
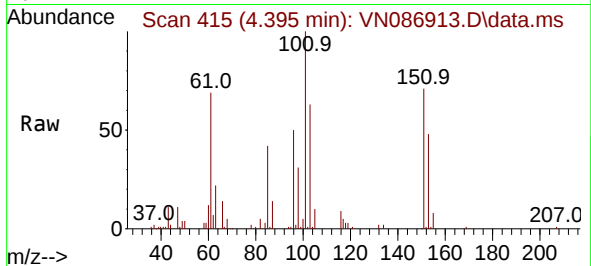
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.583 ug/l
RT: 4.395 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 126828
Ion Ratio Lower Upper
101 100
85 41.5 33.8 50.8
151 75.0 58.7 88.1

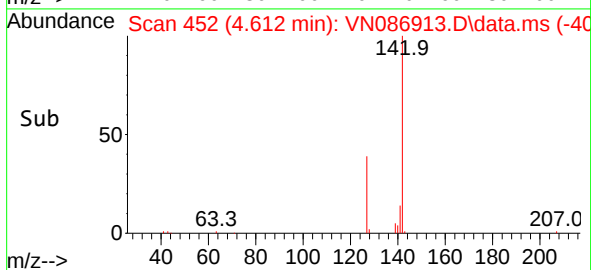
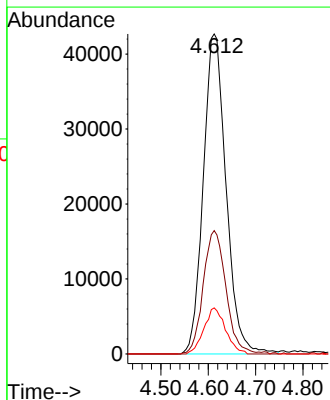
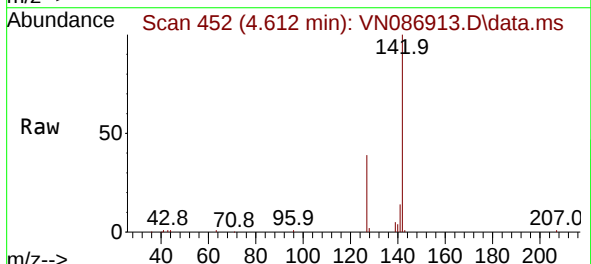
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#10
Methyl Iodide
Concen: 42.239 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

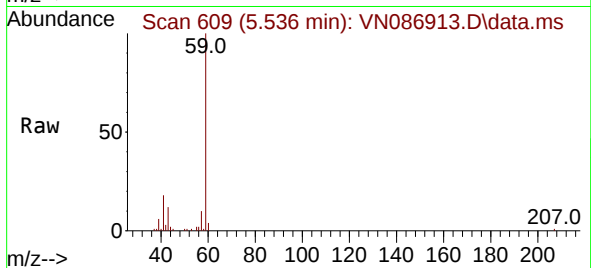
Tgt Ion:142 Resp: 142941
Ion Ratio Lower Upper
142 100
127 38.6 30.9 46.3
141 14.4 10.4 15.6





#11
Tert butyl alcohol
Concen: 203.929 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

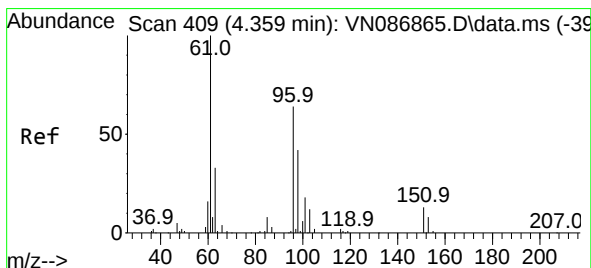
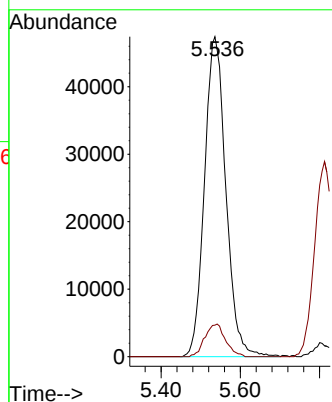
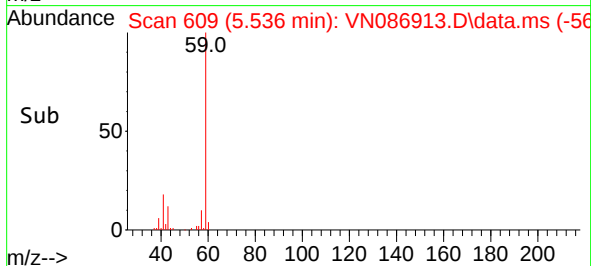
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



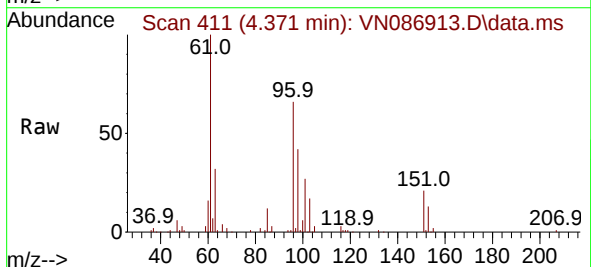
Tgt Ion: 59 Resp: 17740
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

Manual Integrations
APPROVED

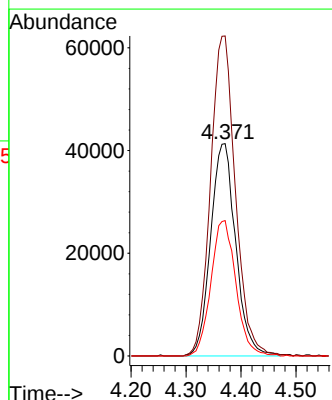
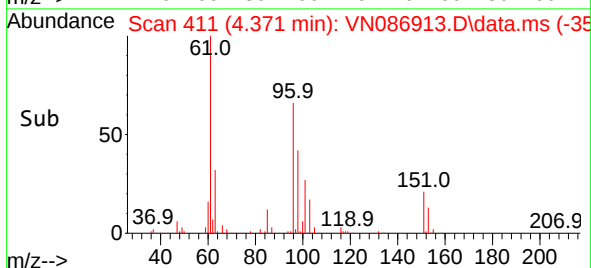
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

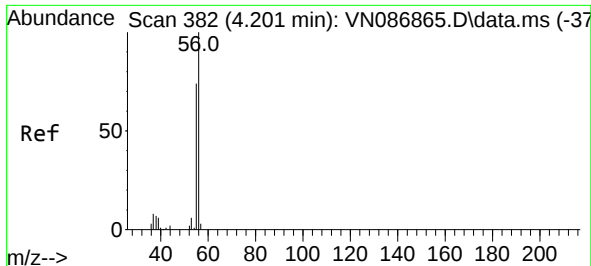


#12
1,1-Dichloroethene
Concen: 49.200 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



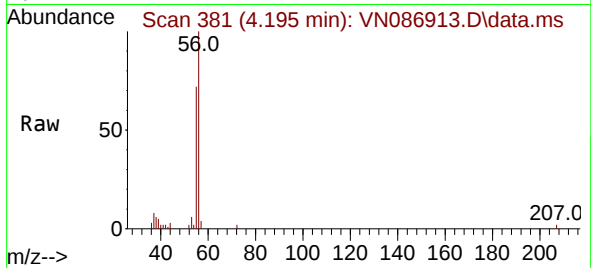
Tgt Ion: 96 Resp: 131127
Ion Ratio Lower Upper
96 100
61 150.8 125.8 188.6
98 63.8 52.5 78.7





#13
Acrolein
Concen: 229.021 ug/l
RT: 4.195 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

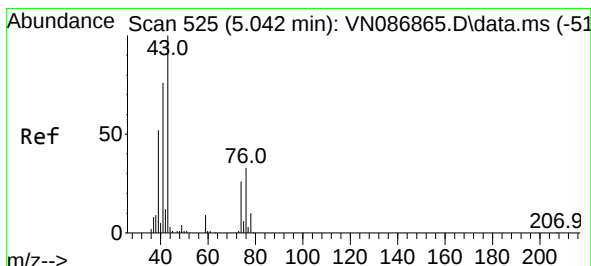
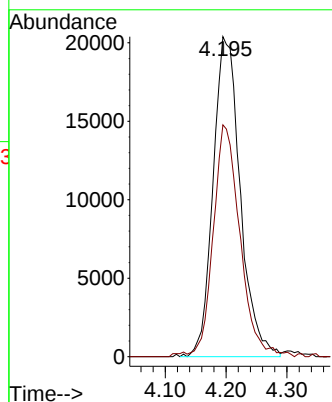
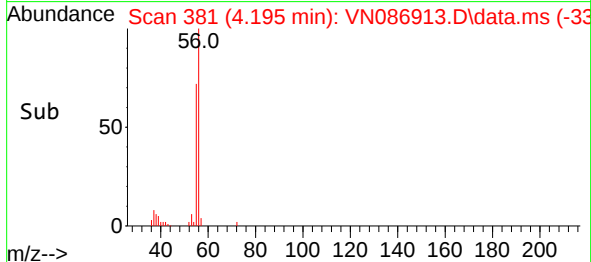
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



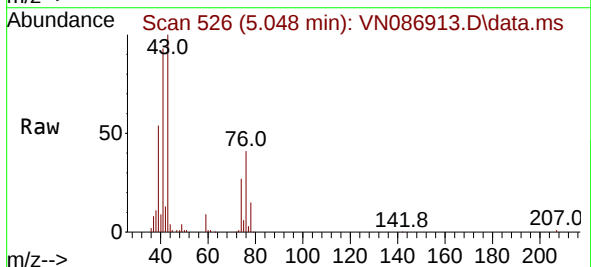
Tgt Ion: 56 Resp: 6306
Ion Ratio Lower Upper
56 100
55 71.2 55.6 83.4

Manual Integrations
APPROVED

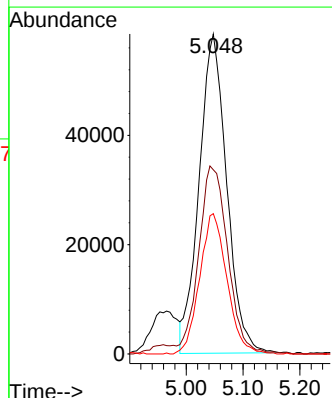
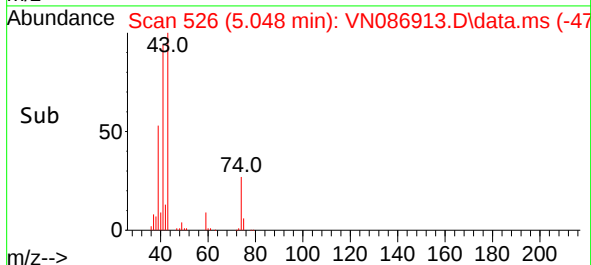
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

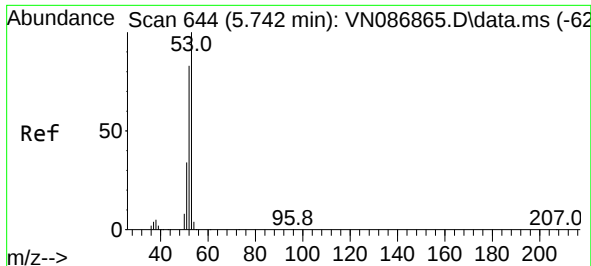


#14
Allyl chloride
Concen: 44.573 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



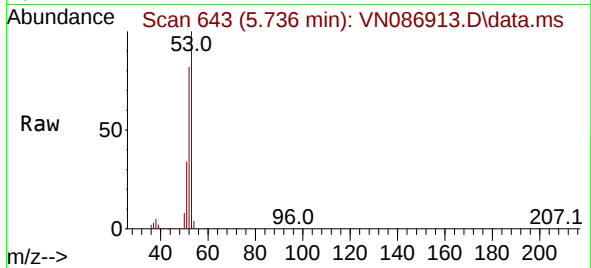
Tgt Ion: 41 Resp: 197016
Ion Ratio Lower Upper
41 100
39 62.2 51.3 76.9
76 43.5 31.4 47.0





#15
Acrylonitrile
Concen: 229.750 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

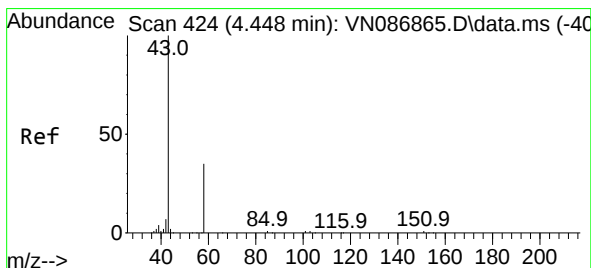
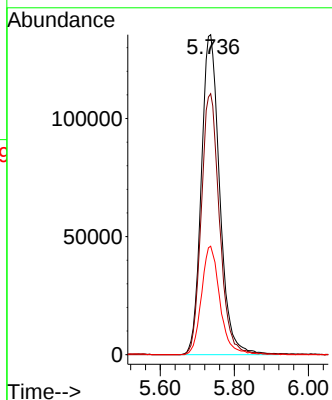
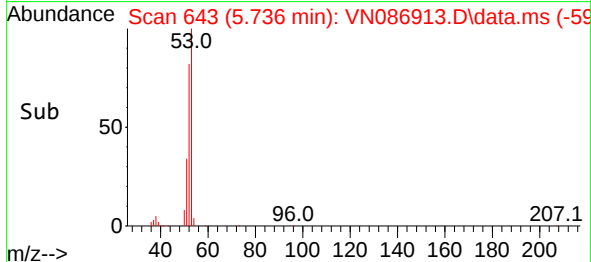
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 46715
Ion Ratio Lower Upper
53 100
52 80.7 65.0 97.6
51 34.0 27.2 40.8

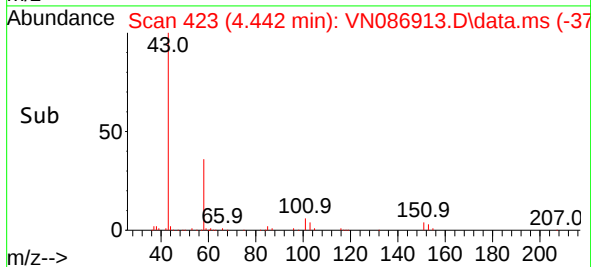
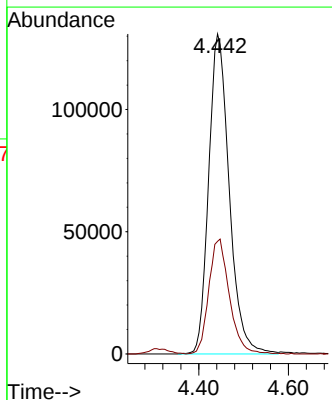
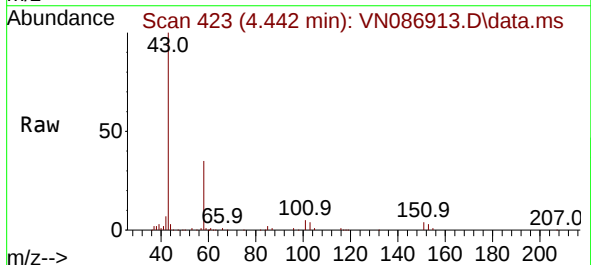
Manual Integrations
APPROVED

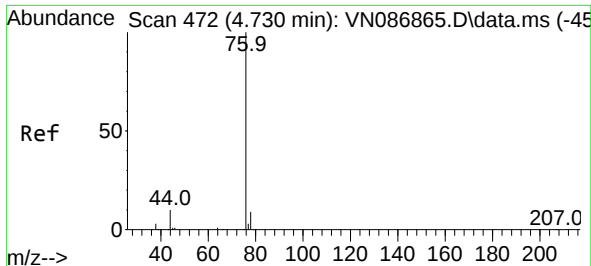
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#16
Acetone
Concen: 245.204 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

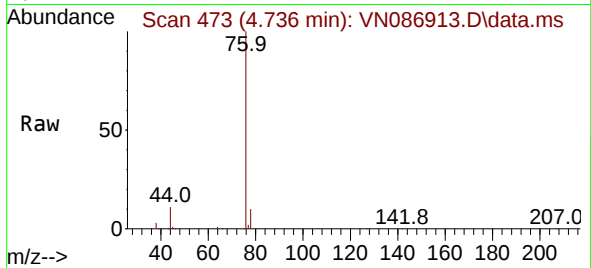
Tgt Ion: 43 Resp: 416888
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0





#17
Carbon Disulfide
Concen: 46.386 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

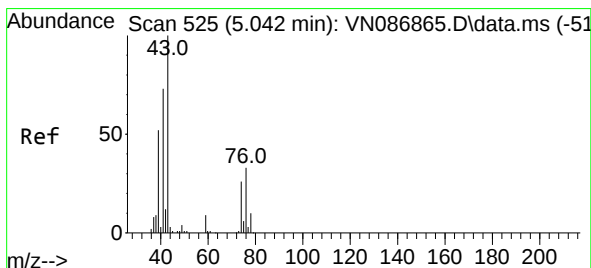
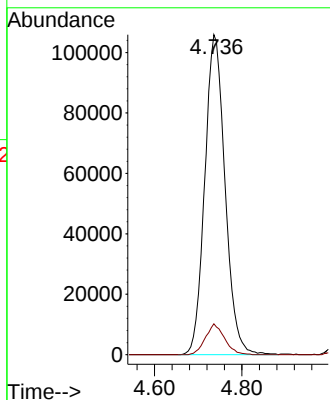
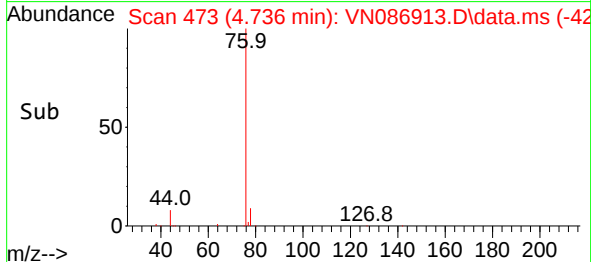
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 341962
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

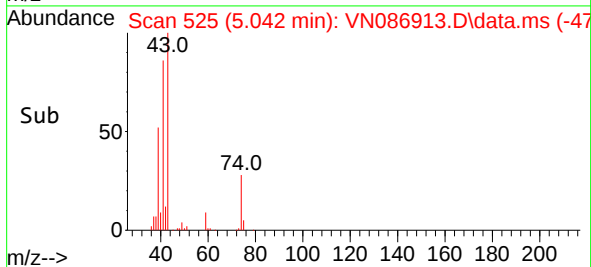
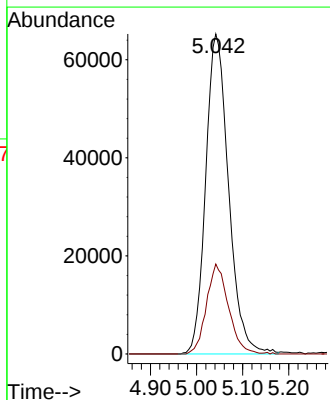
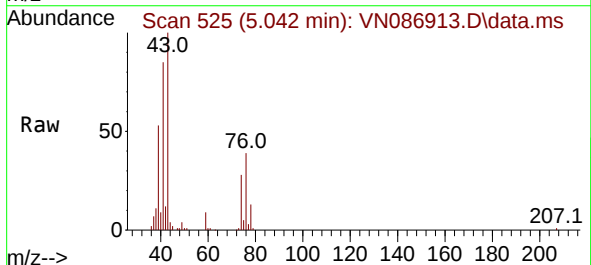
Manual Integrations
APPROVED

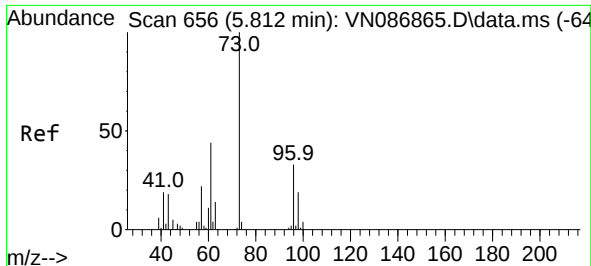
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#18
Methyl Acetate
Concen: 45.497 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

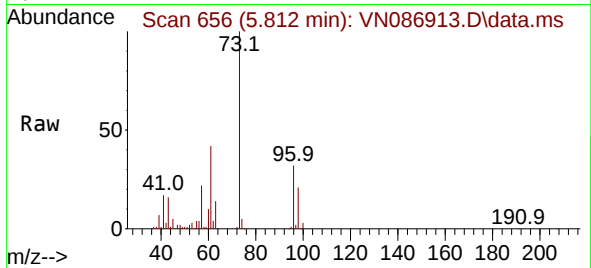
Tgt Ion: 43 Resp: 225420
Ion Ratio Lower Upper
43 100
74 27.0 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 49.605 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

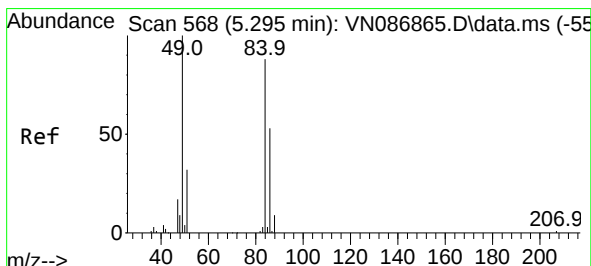
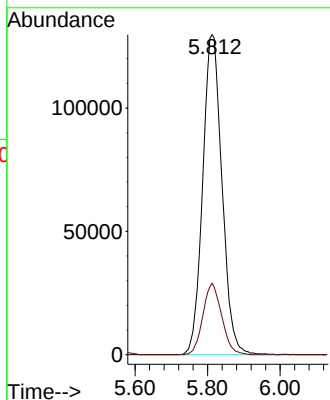
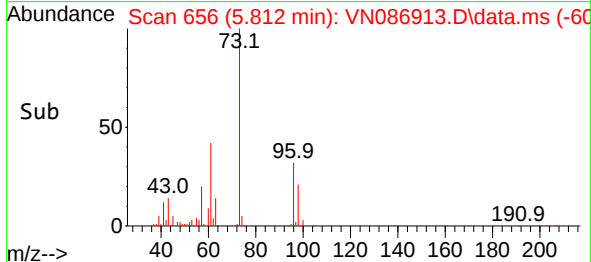
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 478684
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.2

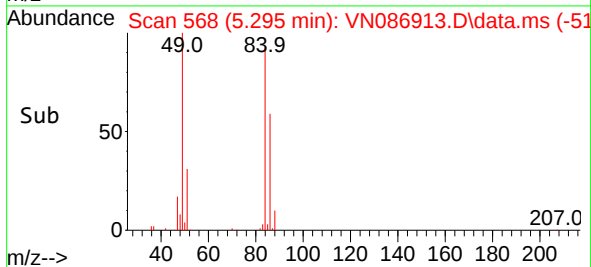
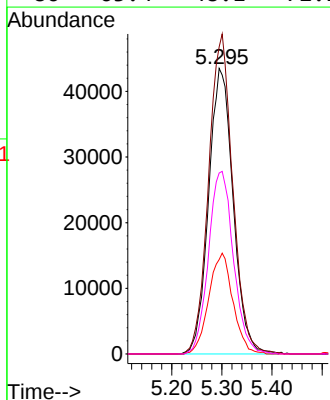
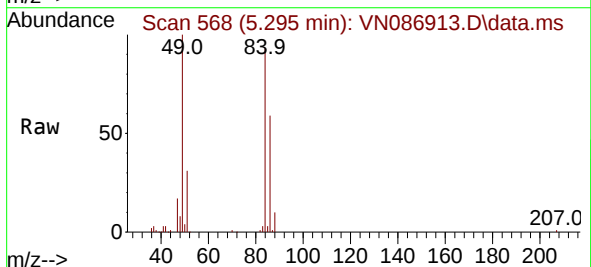
Manual Integrations
APPROVED

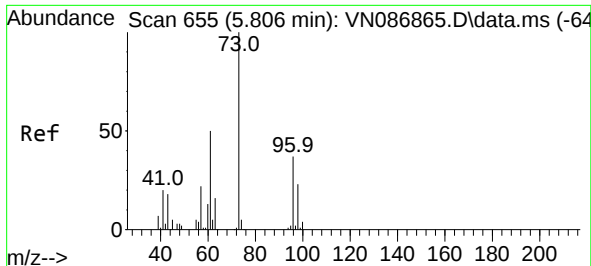
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#20
Methylene Chloride
Concen: 46.410 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

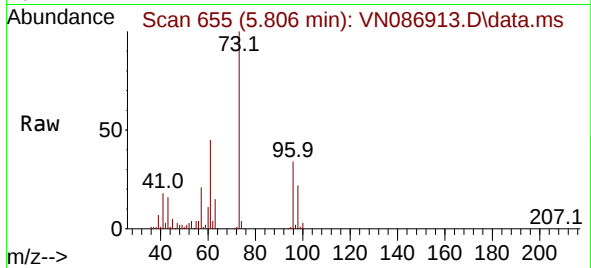
Tgt Ion: 84 Resp: 147723
Ion Ratio Lower Upper
84 100
49 107.5 90.5 135.7
51 33.1 28.5 42.7
86 63.4 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 47.370 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

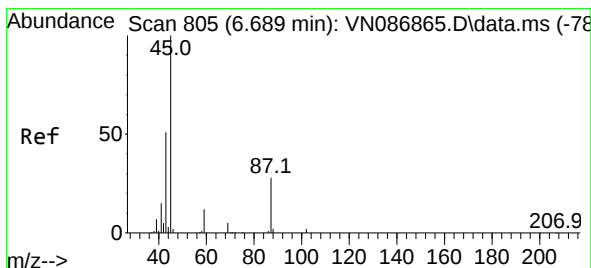
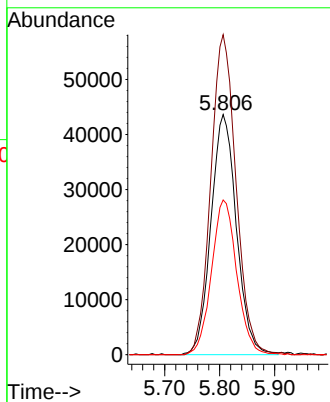
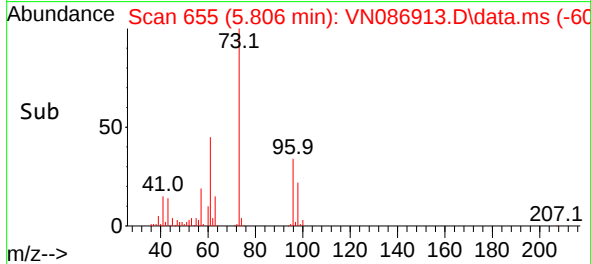
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



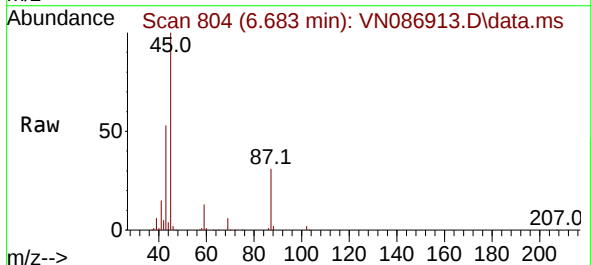
Tgt Ion: 96 Resp: 140464
Ion Ratio Lower Upper
96 100
61 133.3 109.2 163.8
98 64.4 49.8 74.8

Manual Integrations
APPROVED

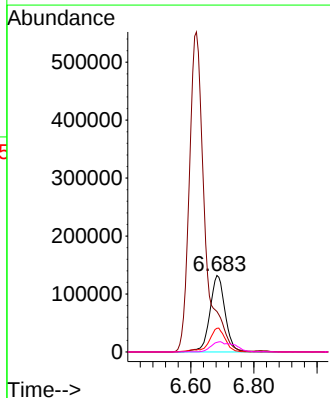
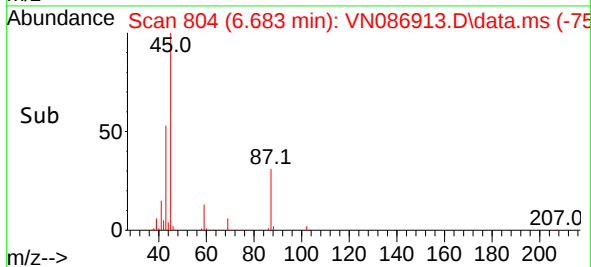
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#22
Diisopropyl ether
Concen: 47.178 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



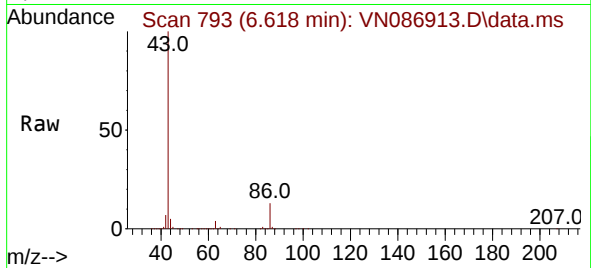
Tgt Ion: 45 Resp: 439557
Ion Ratio Lower Upper
45 100
43 52.7 41.9 62.9
87 30.9 22.4 33.6
59 12.6 9.8 14.6





#23
 Vinyl Acetate
 Concen: 236.925 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.000 min
 Lab File: VN086913.D
 Acq: 10 Jun 2025 09:13

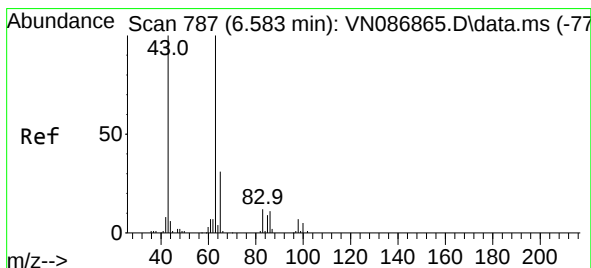
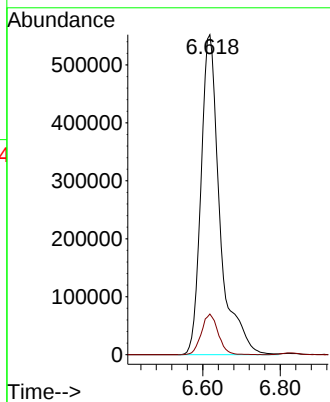
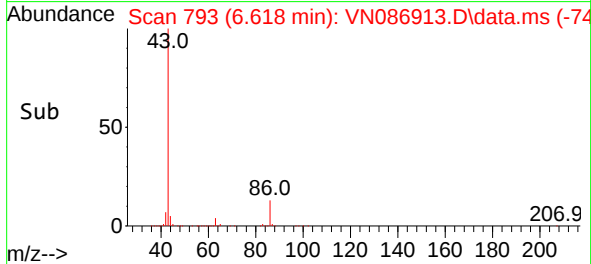
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



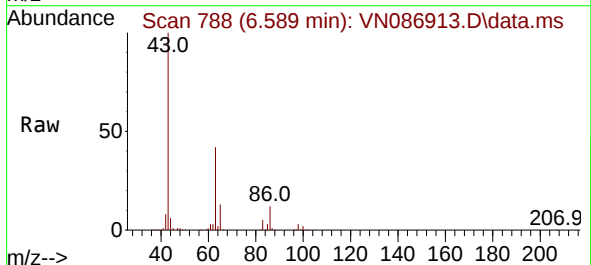
Tgt Ion: 43 Resp: 186505
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.5 14.3

Manual Integrations
 APPROVED

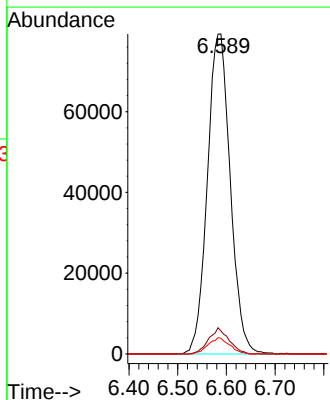
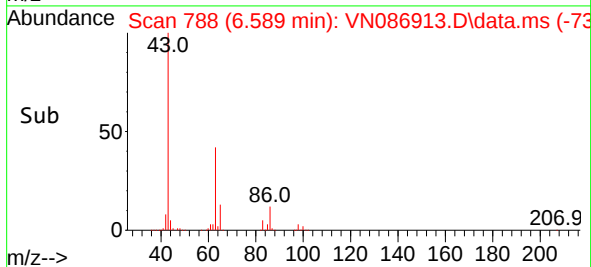
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#24
 1,1-Dichloroethane
 Concen: 48.190 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN086913.D
 Acq: 10 Jun 2025 09:13



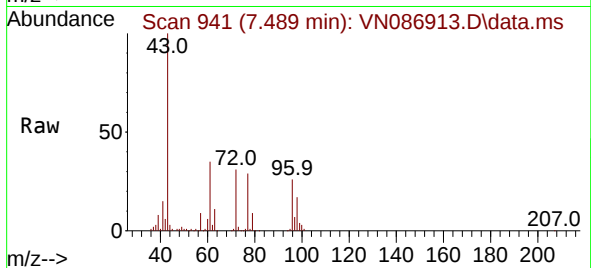
Tgt Ion: 63 Resp: 258382
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.9 2.6 7.8





#25
2-Butanone
Concen: 213.617 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

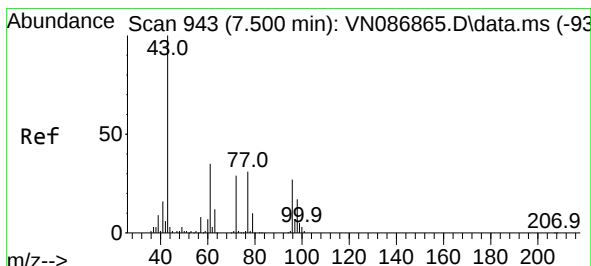
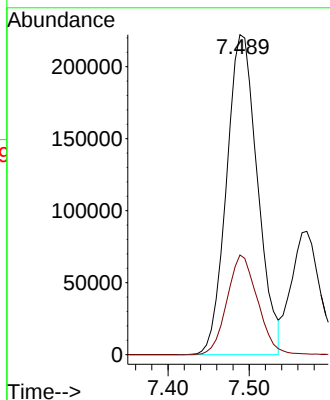
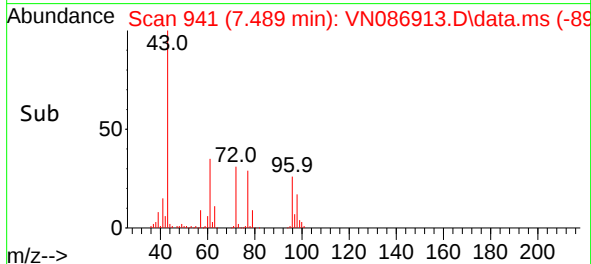
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 590344
Ion Ratio Lower Upper
43 100
72 31.2 23.0 34.6

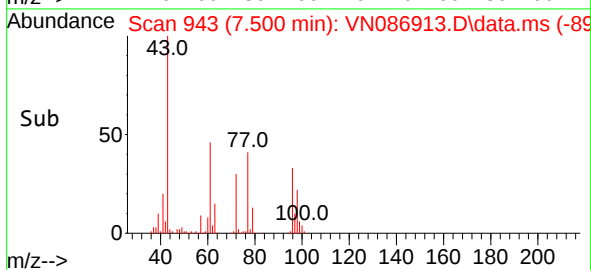
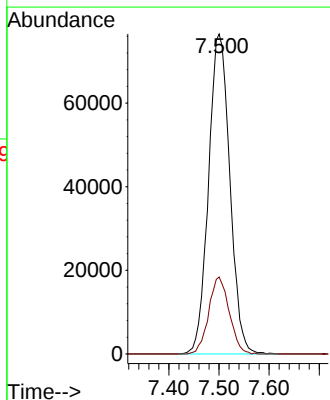
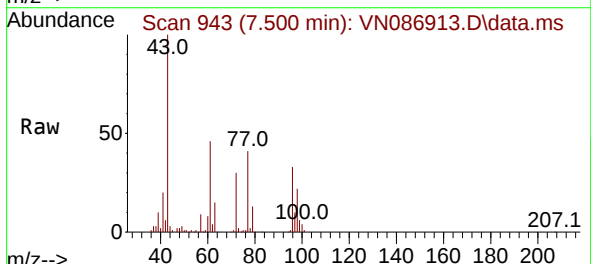
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#26
2,2-Dichloropropane
Concen: 54.150 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

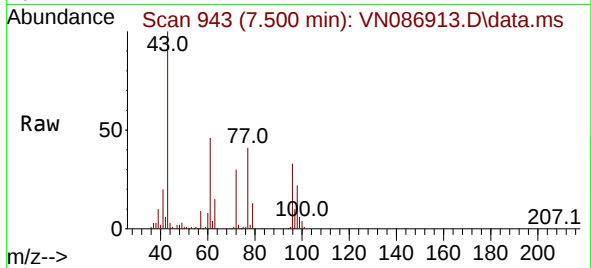
Tgt Ion: 77 Resp: 225847
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 48.666 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.000 min
 Lab File: VN086913.D
 Acq: 10 Jun 2025 09:13

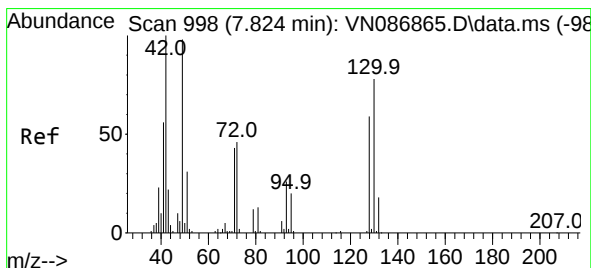
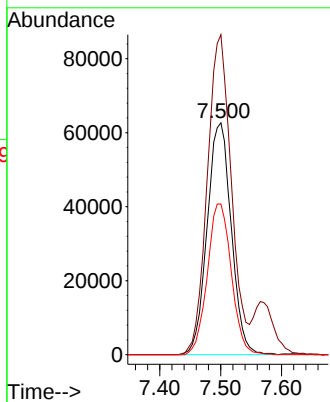
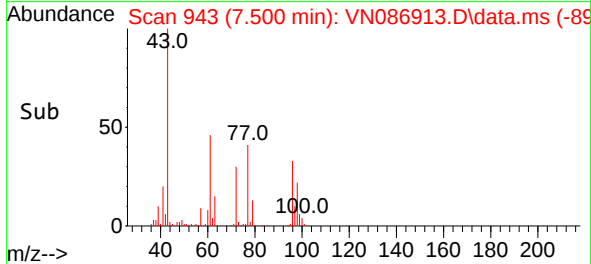
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 17258
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 278.0
 98 64.6 0.0 128.2

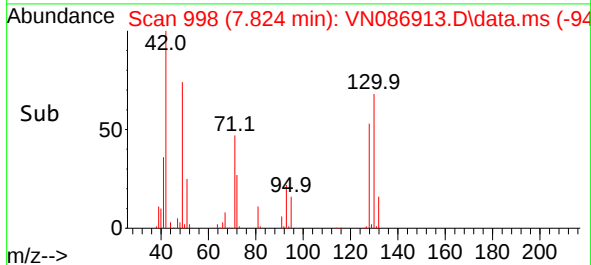
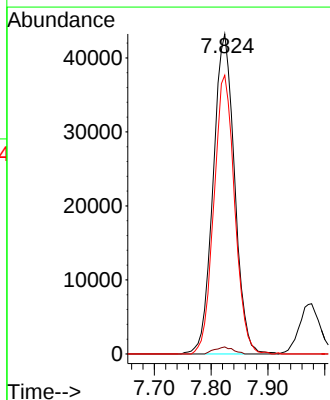
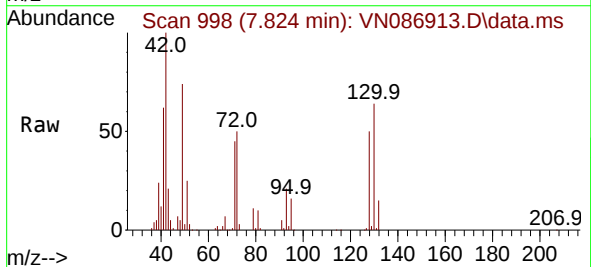
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#28
 Bromochloromethane
 Concen: 42.951 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VN086913.D
 Acq: 10 Jun 2025 09:13

Tgt Ion: 49 Resp: 113231
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 84.6 62.2 93.2





#29

Tetrahydrofuran

Concen: 216.165 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN086913.D

Acq: 10 Jun 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

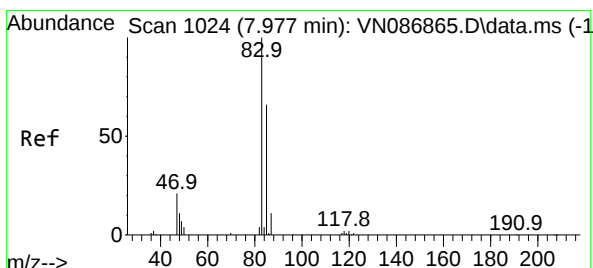
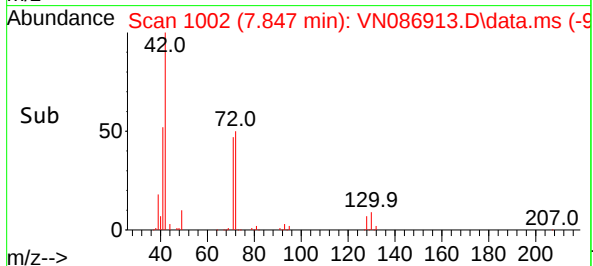
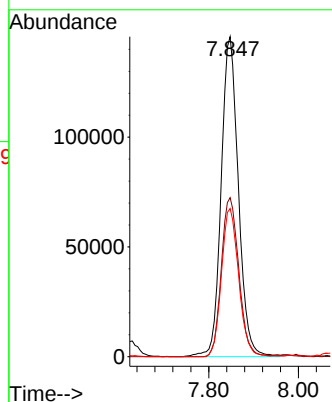
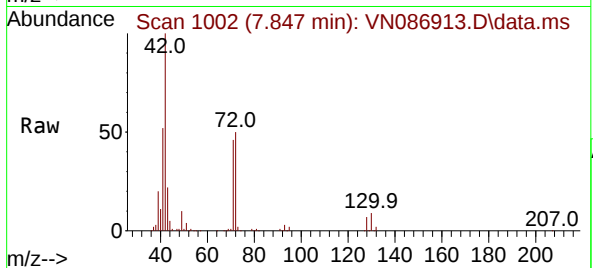
Tgt Ion:	42	Resp:	389154
Ion Ratio	Lower	Upper	
42	100		
72	50.5	37.8	56.6
71	46.5	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#30

Chloroform

Concen: 47.097 ug/l

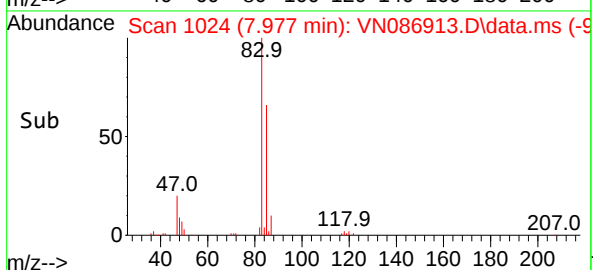
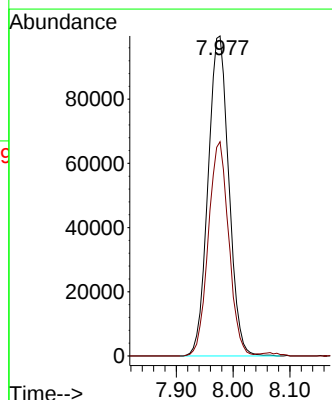
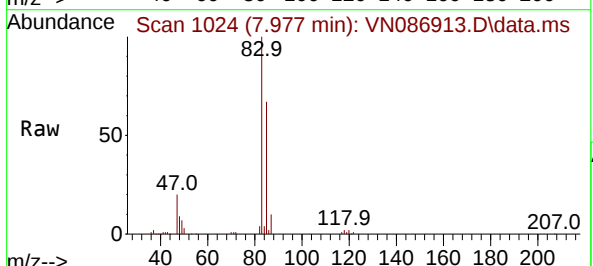
RT: 7.977 min Scan# 1024

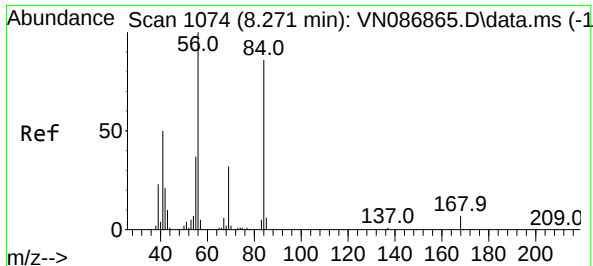
Delta R.T. 0.000 min

Lab File: VN086913.D

Acq: 10 Jun 2025 09:13

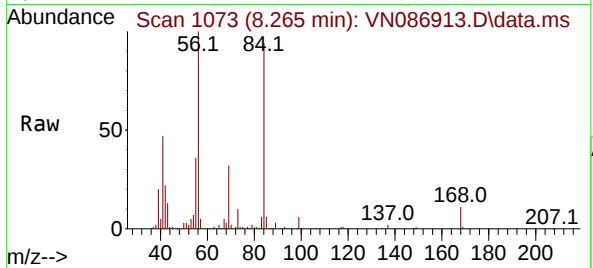
Tgt Ion:	83	Resp:	252183
Ion Ratio	Lower	Upper	
83	100		
85	67.0	52.9	79.3





#31
Cyclohexane
Concen: 41.767 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

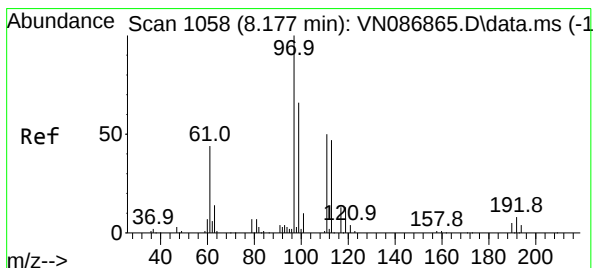
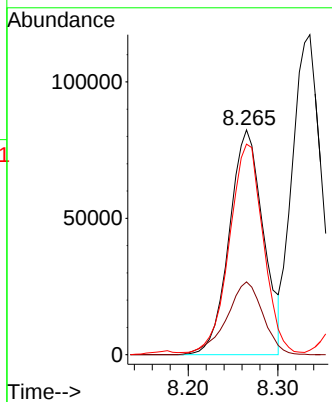
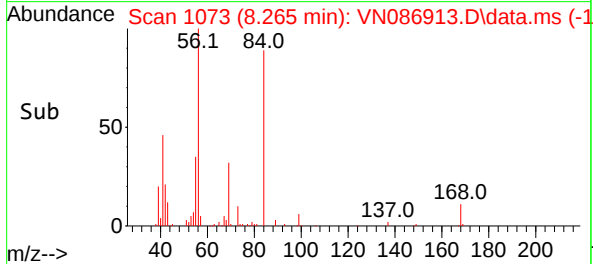
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



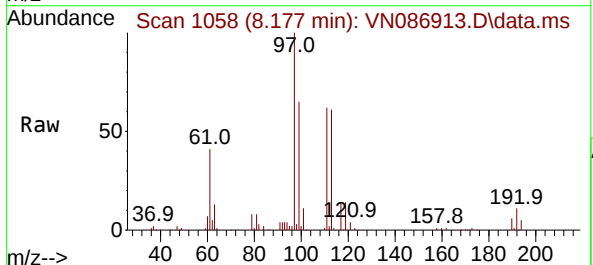
Tgt Ion: 56 Resp: 21718
Ion Ratio Lower Upper
56 100
69 32.4 25.4 38.0
84 92.7 68.8 103.2

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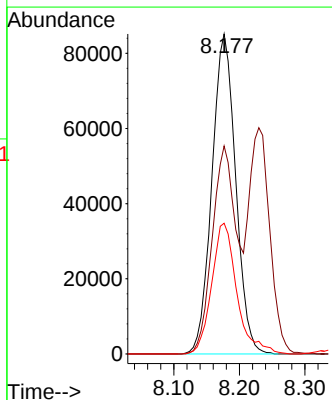
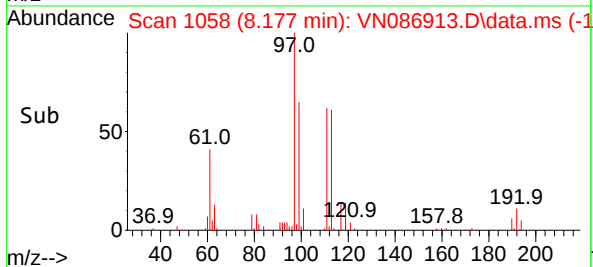
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

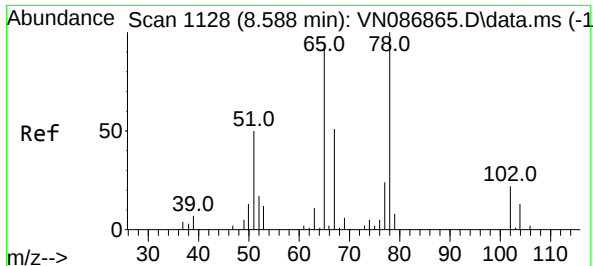


#32
1,1,1-Trichloroethane
Concen: 47.016 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



Tgt Ion: 97 Resp: 214121
Ion Ratio Lower Upper
97 100
99 66.9 52.0 78.0
61 43.4 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 45.789 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN086913.D

Acq: 10 Jun 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 146800

Ion Ratio Lower Upper

65 100

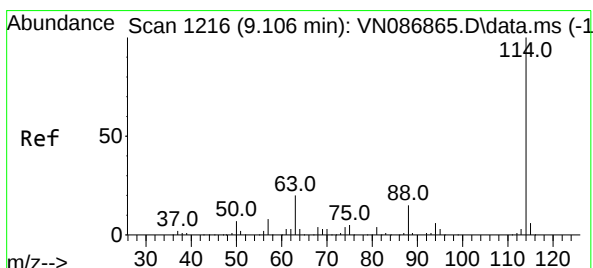
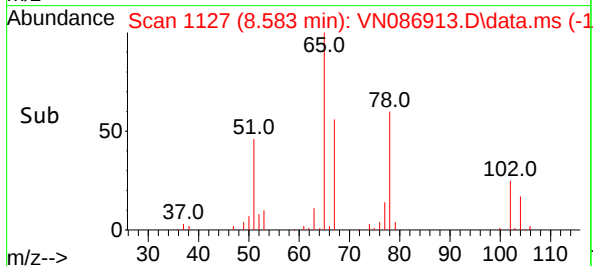
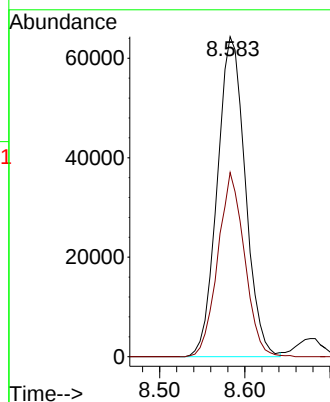
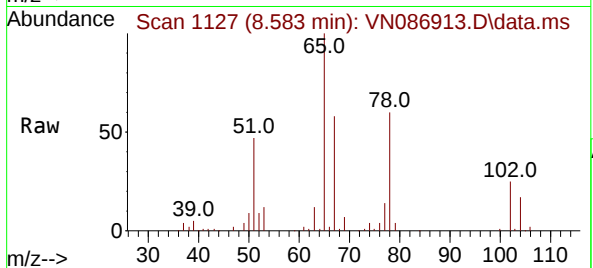
67 54.9 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN086913.D

Acq: 10 Jun 2025 09:13

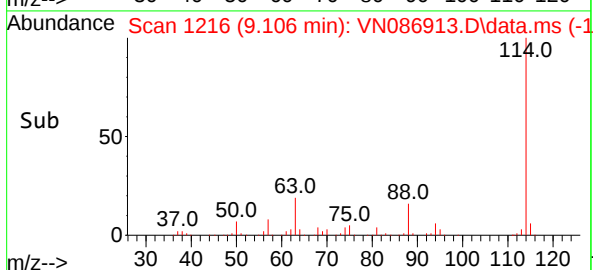
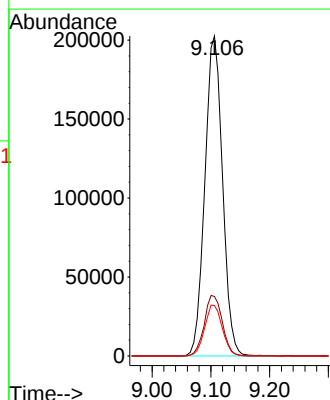
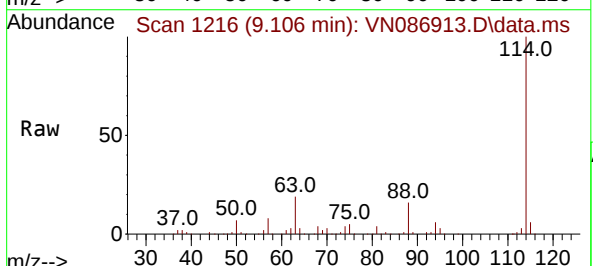
Tgt Ion:114 Resp: 422119

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

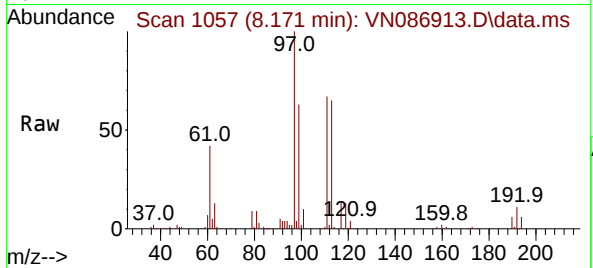
88 15.8 0.0 30.2





#35
Dibromofluoromethane
Concen: 50.869 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

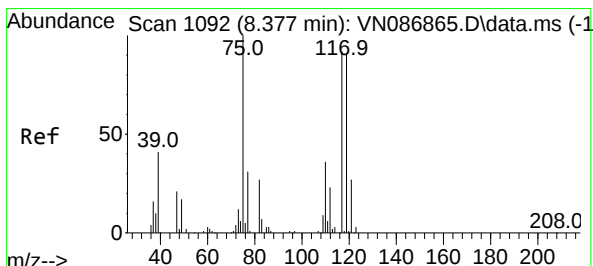
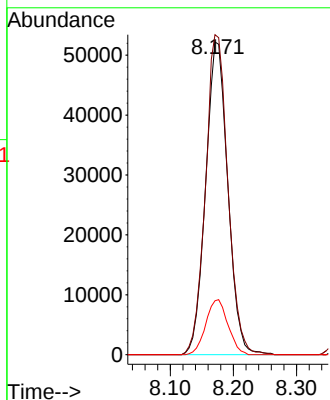
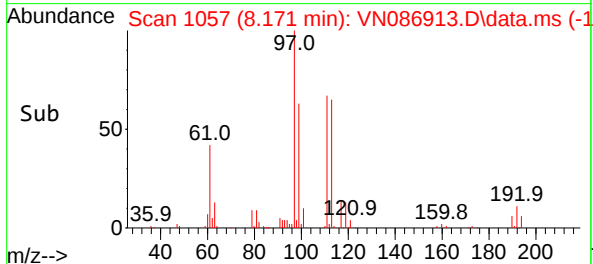
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



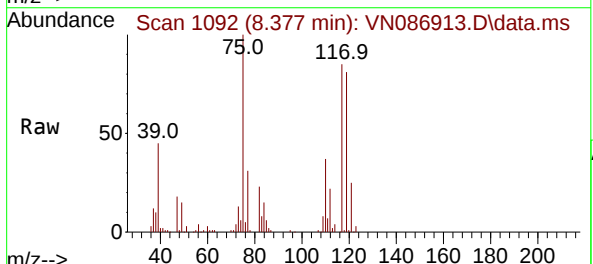
Tgt Ion: 113 Resp: 12725
Ion Ratio Lower Upper
113 100
111 103.6 84.2 126.2
192 17.6 14.2 21.4

Manual Integrations
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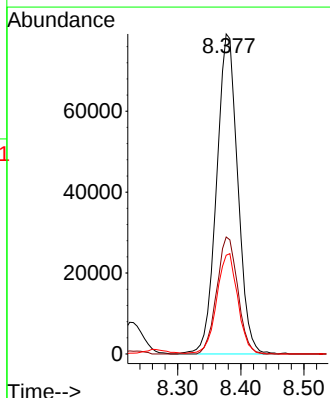
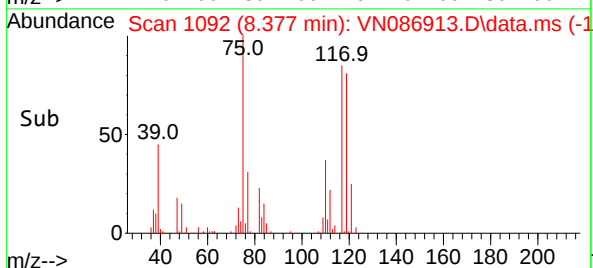
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#36
1,1-Dichloropropene
Concen: 49.463 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



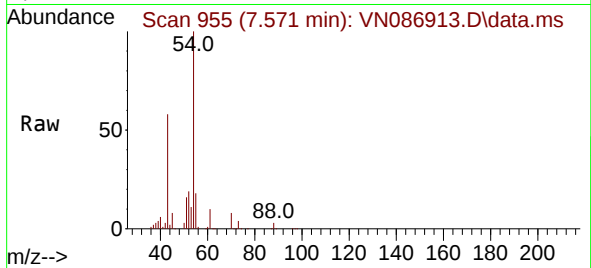
Tgt Ion: 75 Resp: 184378
Ion Ratio Lower Upper
75 100
110 36.2 17.6 52.9
77 31.3 25.3 37.9





#37
Ethyl Acetate
Concen: 46.471 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

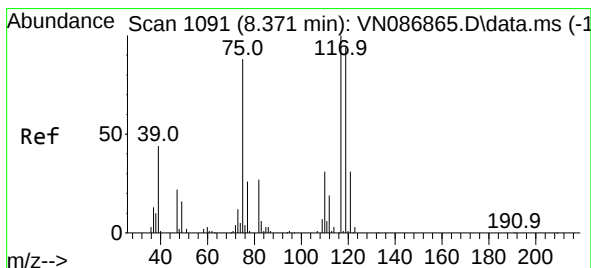
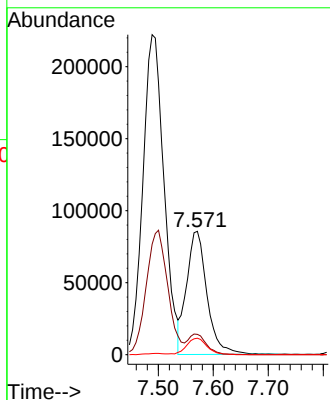
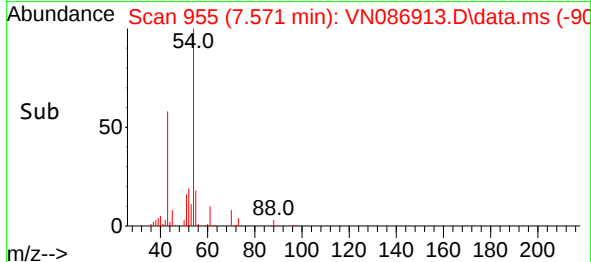
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 22051
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 13.4 9.8 14.6

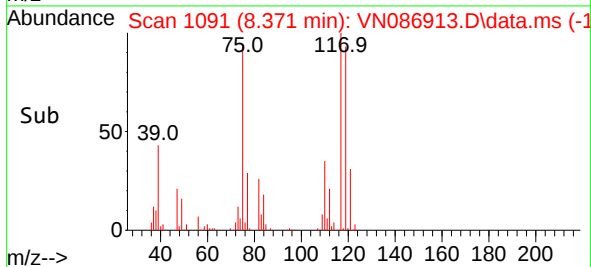
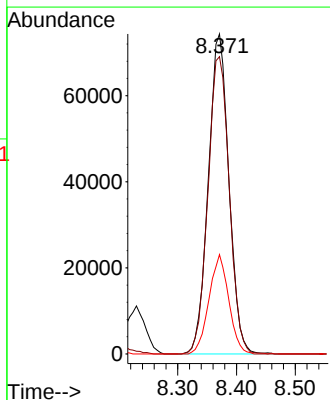
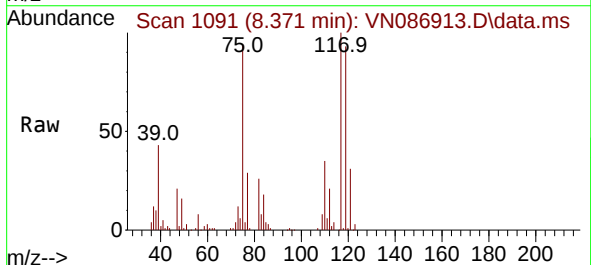
Manual Integrations
APPROVED

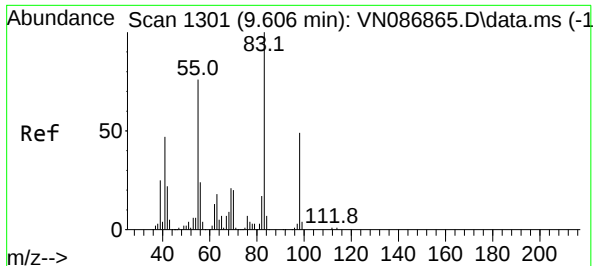
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#38
Carbon Tetrachloride
Concen: 49.466 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

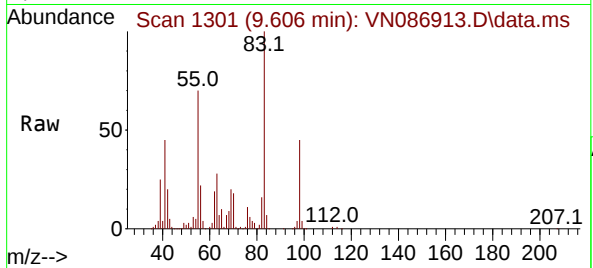
Tgt Ion:117 Resp: 181026
Ion Ratio Lower Upper
117 100
119 92.9 75.0 112.6
121 31.1 24.9 37.3





#39
Methylcyclohexane
Concen: 43.269 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

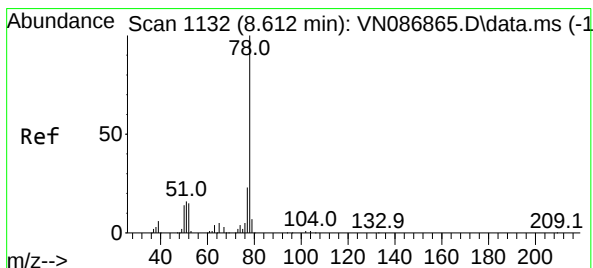
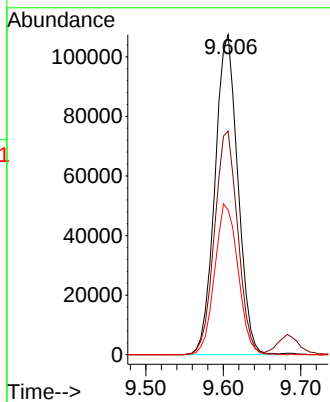
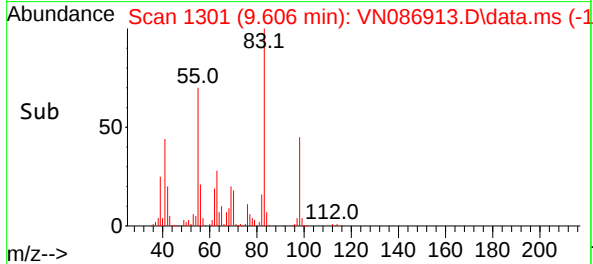
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 220974
Ion Ratio Lower Upper
83 100
55 69.9 61.0 91.6
98 45.2 38.9 58.3

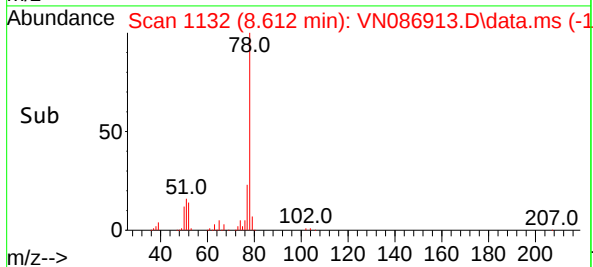
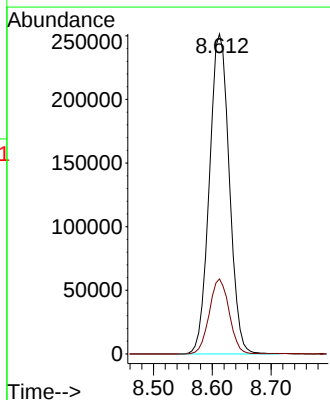
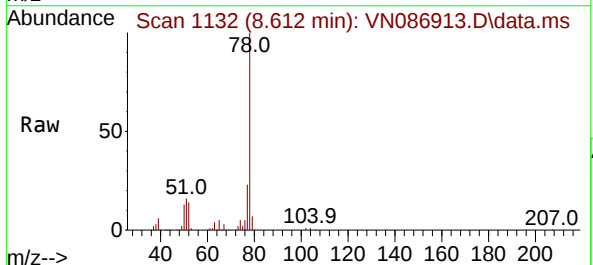
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#40
Benzene
Concen: 48.493 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

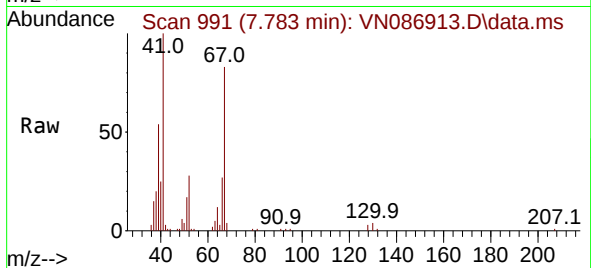
Tgt Ion: 78 Resp: 591102
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1





#41
Methacrylonitrile
Concen: 45.256 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

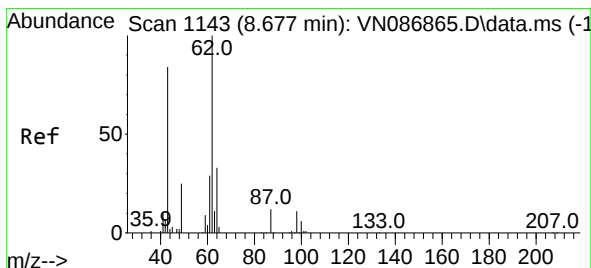
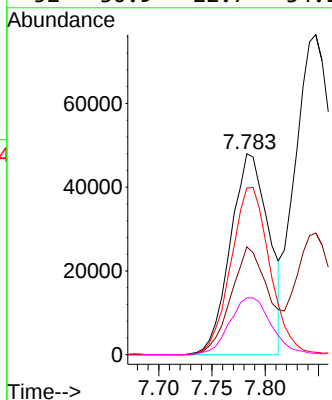
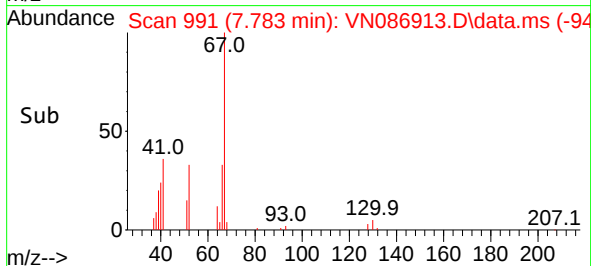
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 120609
Ion Ratio Lower Upper
41 100
39 54.3 41.2 61.8
67 84.7 61.4 92.2
52 30.9 22.7 34.1

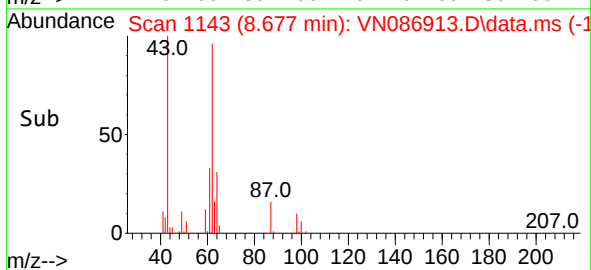
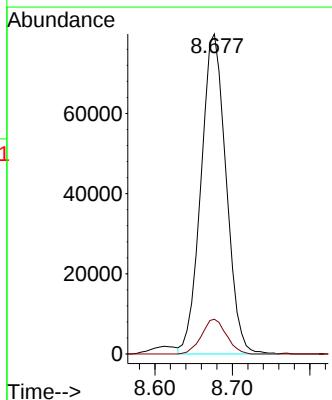
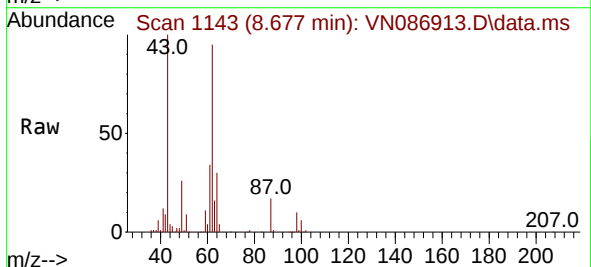
Manual Integrations
APPROVED

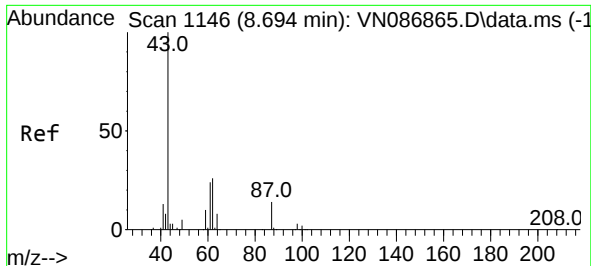
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#42
1,2-Dichloroethane
Concen: 48.671 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

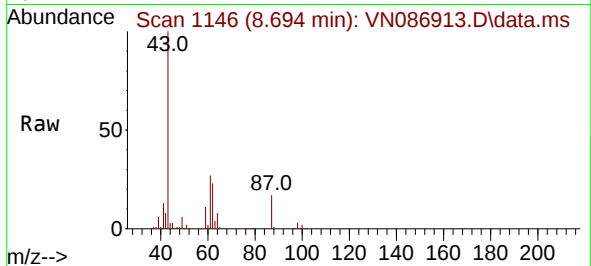
Tgt Ion: 62 Resp: 179943
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.2





#43
Isopropyl Acetate
Concen: 45.998 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

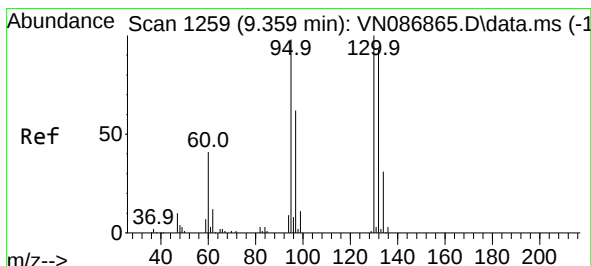
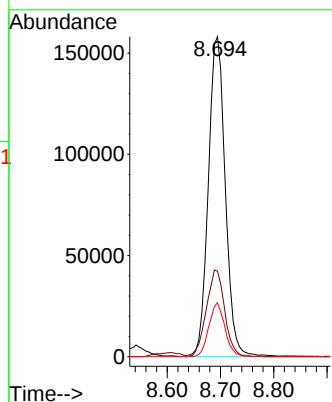
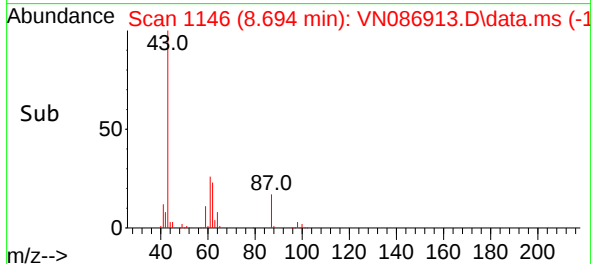
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 350324
Ion Ratio Lower Upper
43 100
61 29.4 22.1 33.1
87 15.9 11.8 17.6

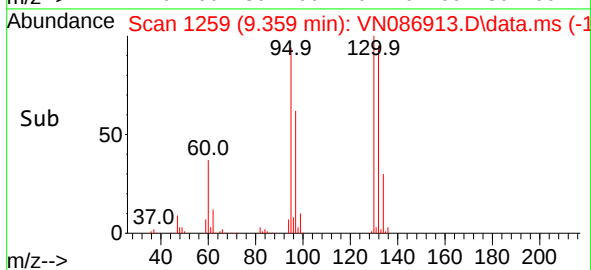
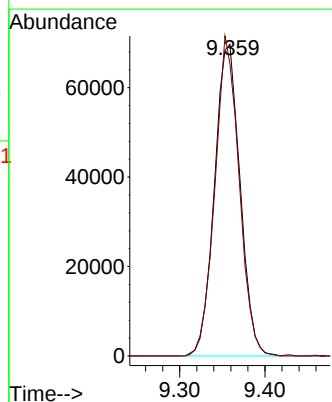
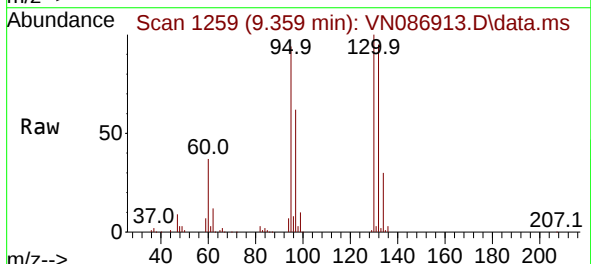
Manual Integrations
APPROVED

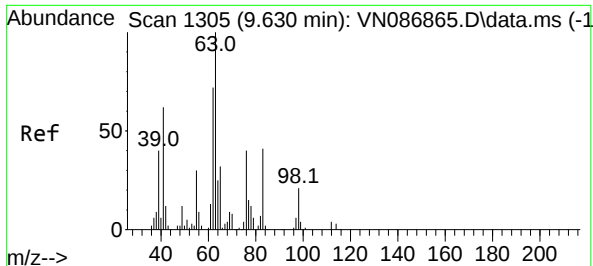
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#44
Trichloroethene
Concen: 50.404 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:130 Resp: 145683
Ion Ratio Lower Upper
130 100
95 93.7 0.0 196.2





#45

1,2-Dichloropropane

Concen: 49.004 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086913.D

Acq: 10 Jun 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 145320

Ion Ratio Lower Upper

63 100

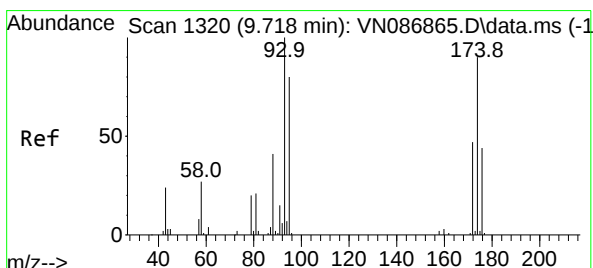
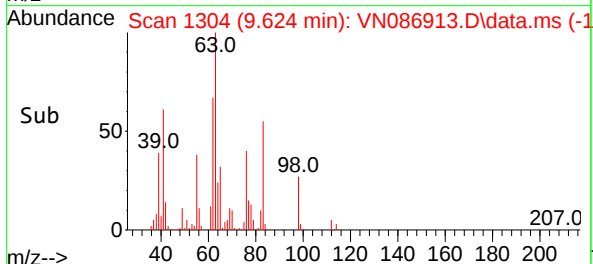
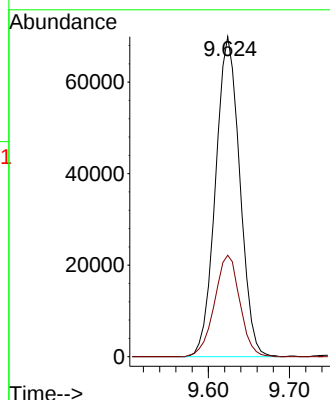
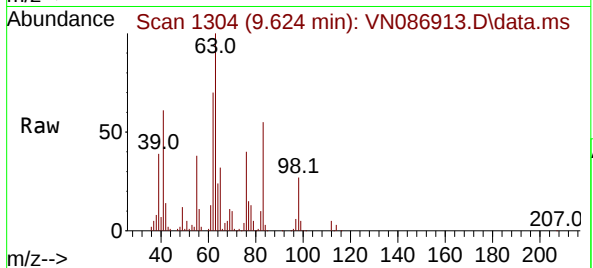
65 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#46

Dibromomethane

Concen: 50.766 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086913.D

Acq: 10 Jun 2025 09:13

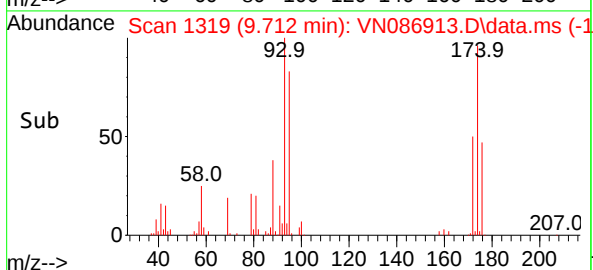
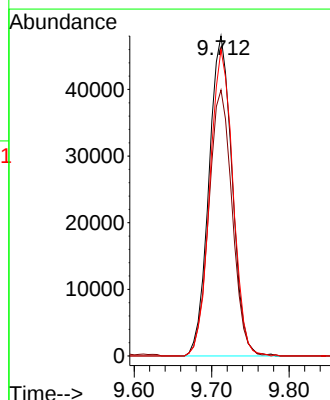
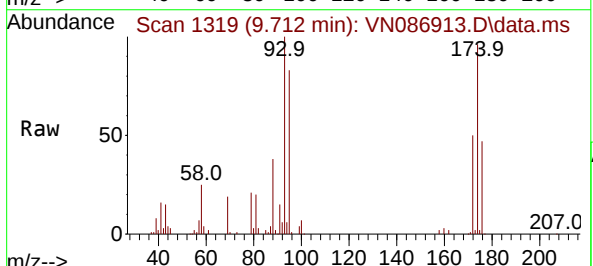
Tgt Ion: 93 Resp: 99996

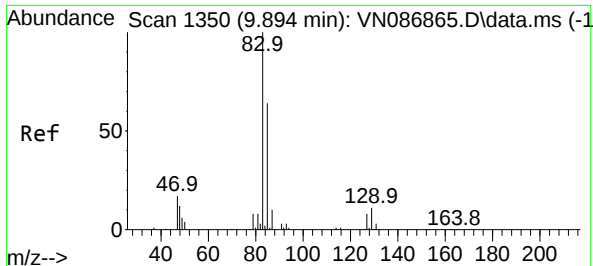
Ion Ratio Lower Upper

93 100

95 83.6 67.1 100.7

174 94.8 74.2 111.4





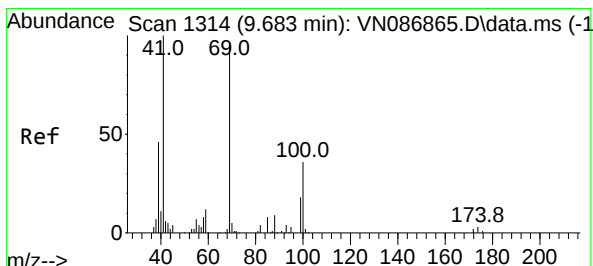
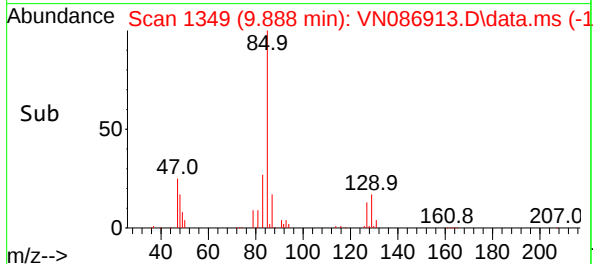
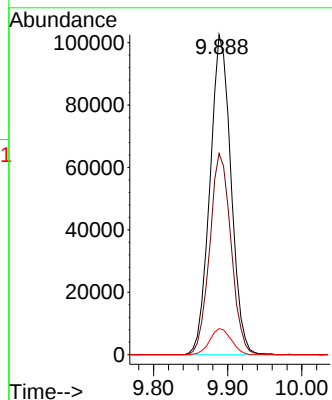
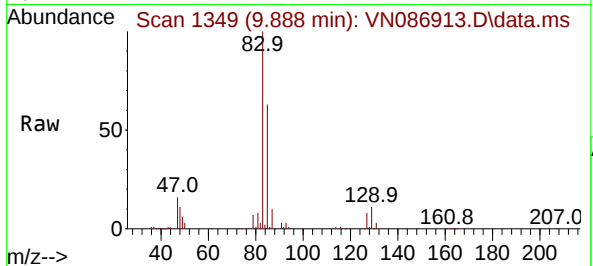
#47
Bromodichloromethane
Concen: 49.918 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 20230
Ion Ratio Lower Upper
83 100
85 62.9 50.9 76.3
127 8.2 6.6 10.0

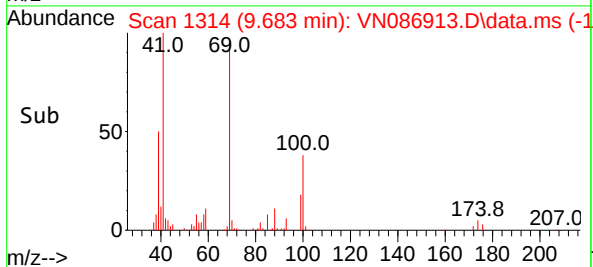
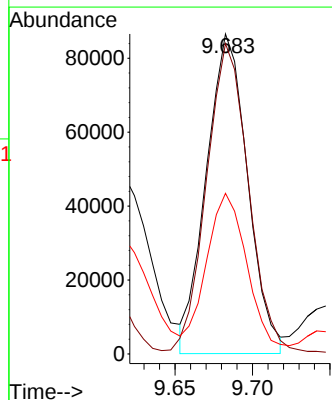
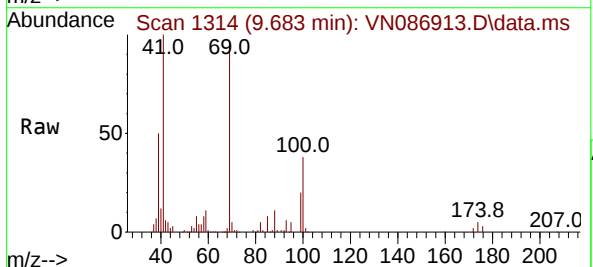
Manual Integrations
APPROVED

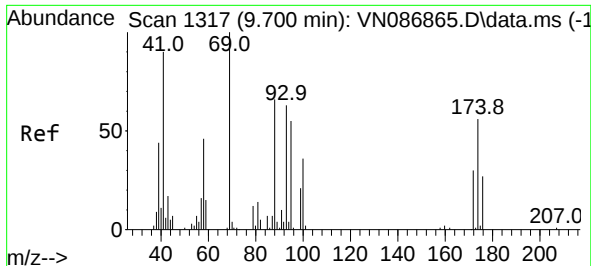
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#48
Methyl methacrylate
Concen: 45.601 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

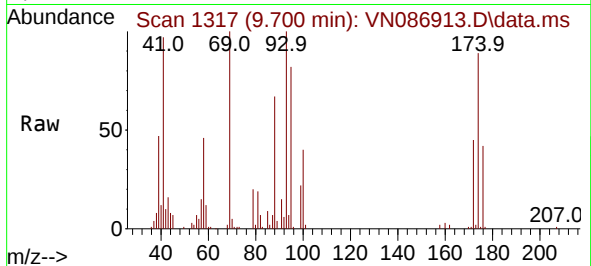
Tgt Ion: 41 Resp: 159853
Ion Ratio Lower Upper
41 100
69 99.2 74.6 112.0
39 50.8 40.2 60.4





#49
1,4-Dioxane
Concen: 892.983 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

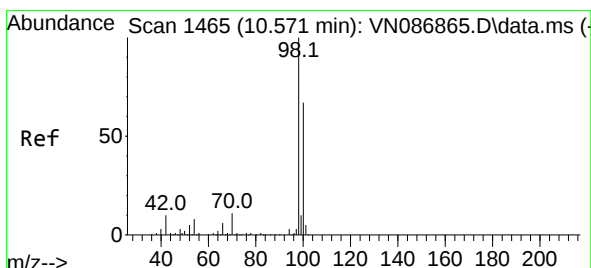
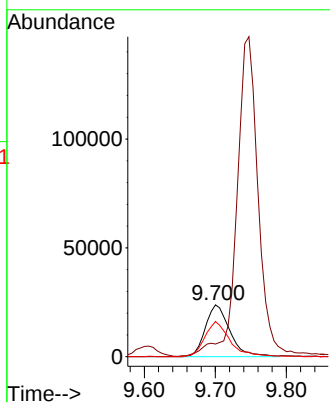
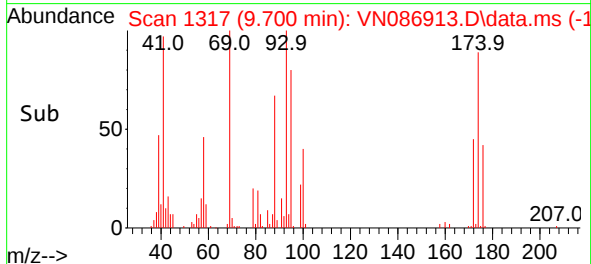
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 5694
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.0 57.7 86.5

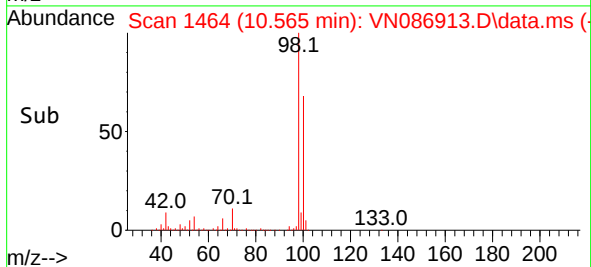
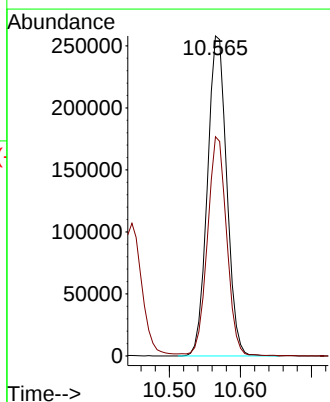
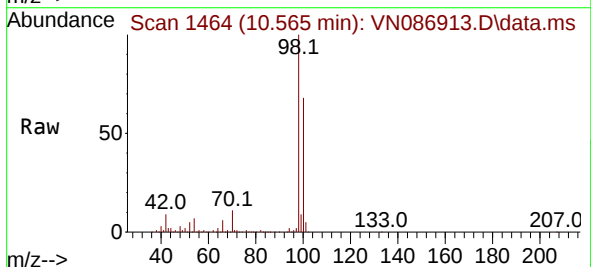
Manual Integrations
APPROVED

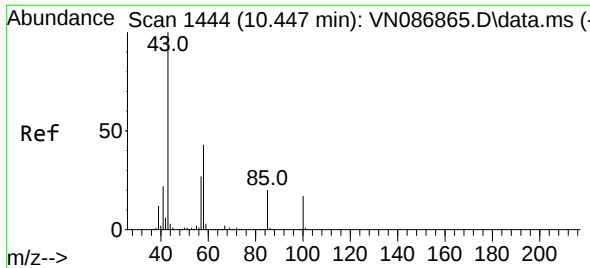
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#50
Toluene-d8
Concen: 49.146 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

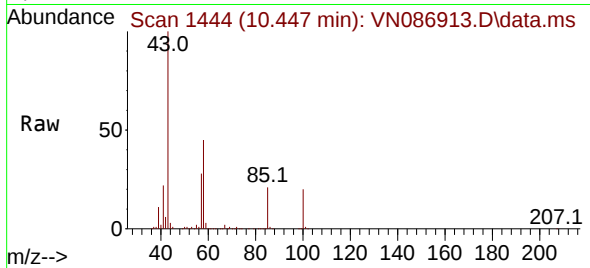
Tgt Ion: 98 Resp: 486698
Ion Ratio Lower Upper
98 100
100 67.9 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 235.975 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

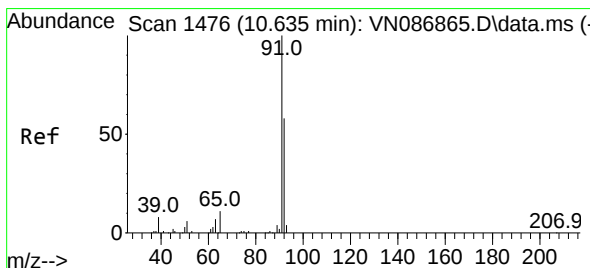
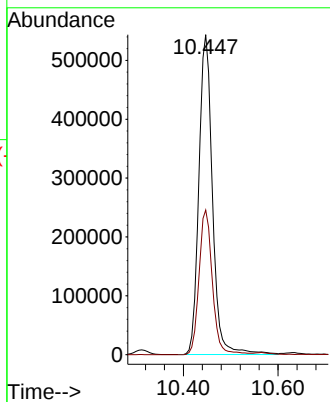
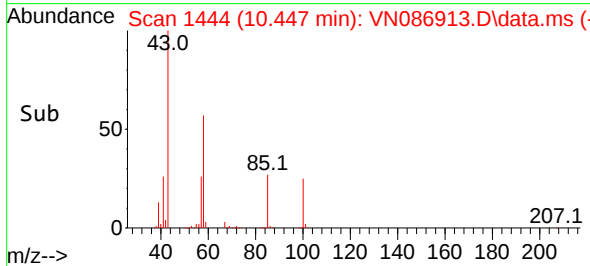
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



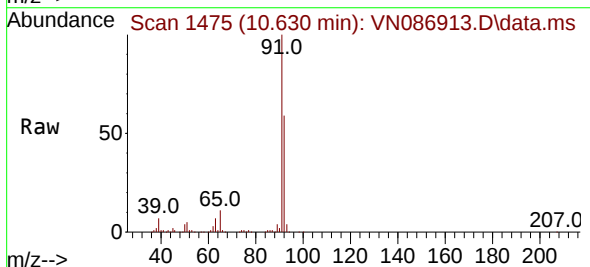
Tgt Ion: 43 Resp: 108194
Ion Ratio Lower Upper
43 100
58 44.4 34.2 51.4

Manual Integrations
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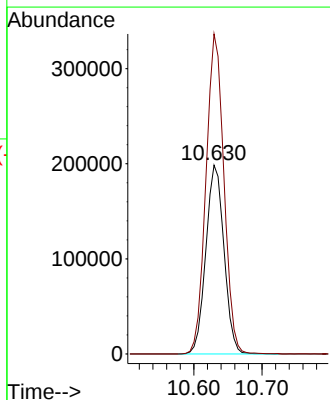
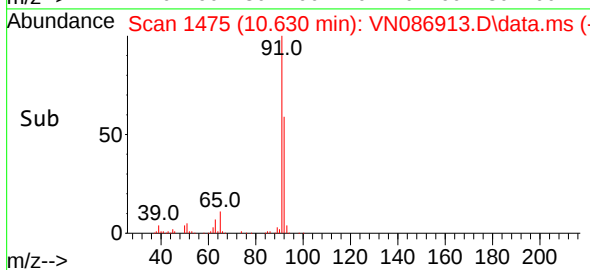
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

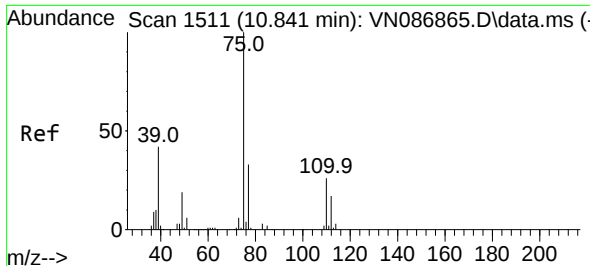


#52
Toluene
Concen: 49.345 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



Tgt Ion: 92 Resp: 367587
Ion Ratio Lower Upper
92 100
91 167.7 136.5 204.7





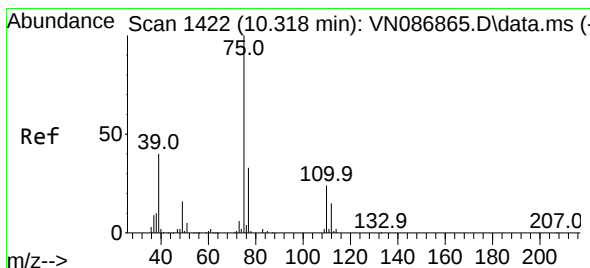
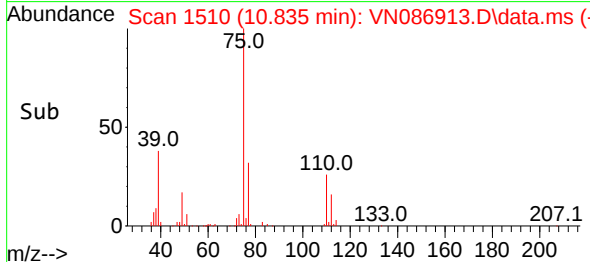
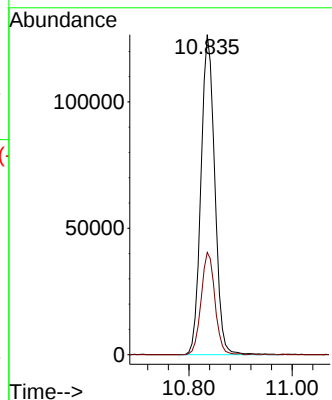
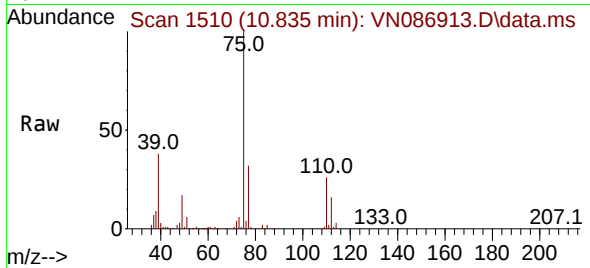
#53
t-1,3-Dichloropropene
Concen: 51.759 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 234554
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6

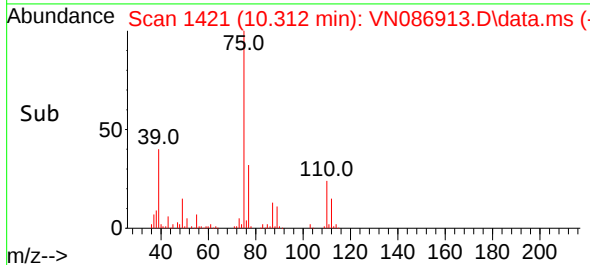
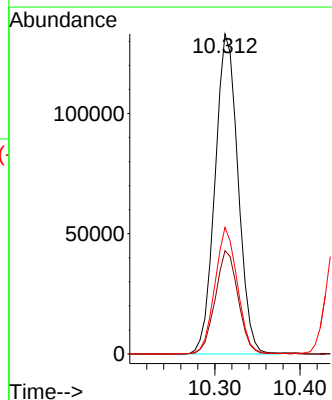
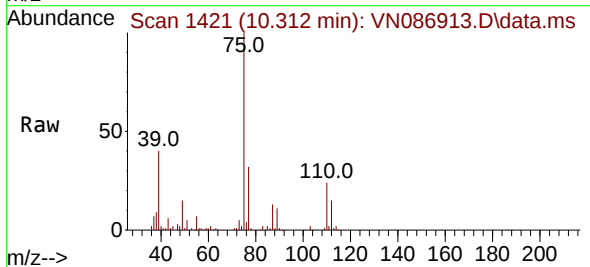
Manual Integrations
APPROVED

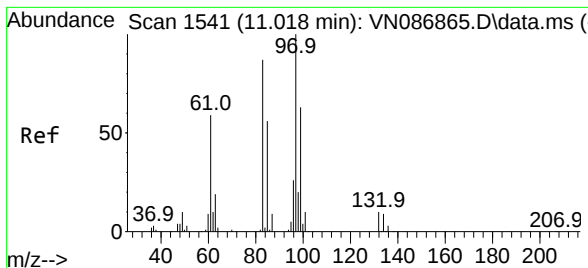
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#54
cis-1,3-Dichloropropene
Concen: 51.506 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

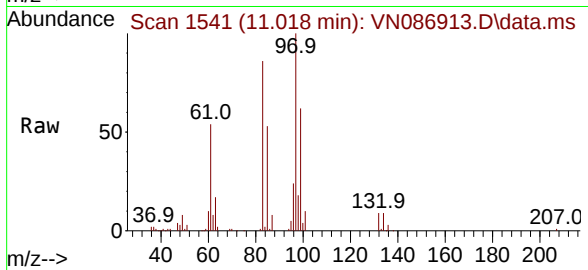
Tgt Ion: 75 Resp: 249744
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.4
39 39.4 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 49.785 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

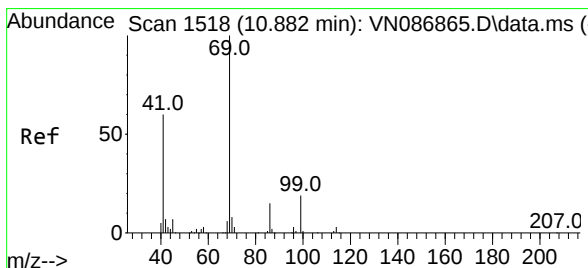
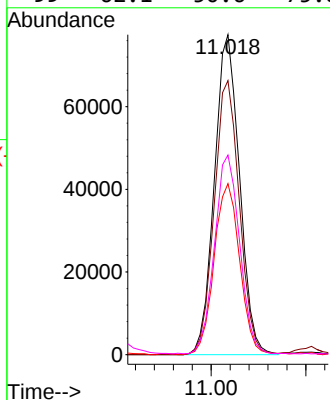
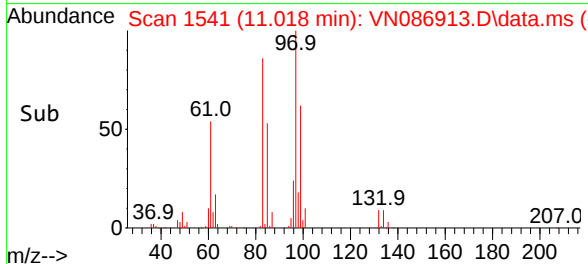
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



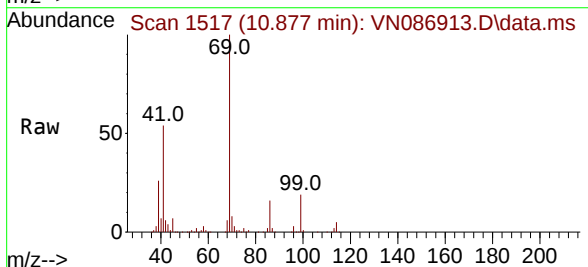
Tgt Ion: 97 Resp: 142700
Ion Ratio Lower Upper
97 100
83 85.6 69.7 104.5
85 53.4 45.1 67.7
99 62.1 50.6 75.8

Manual Integrations
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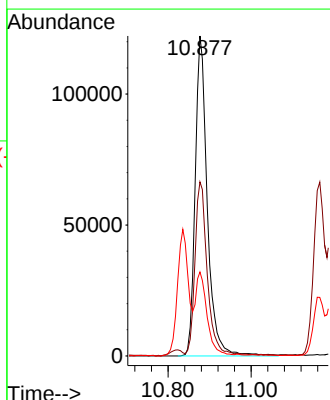
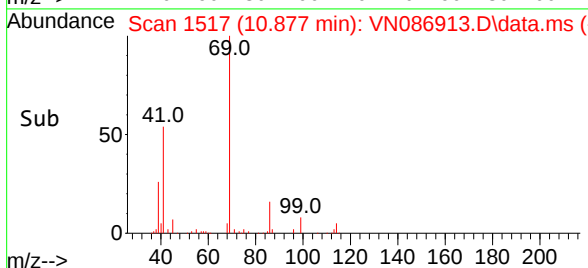
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

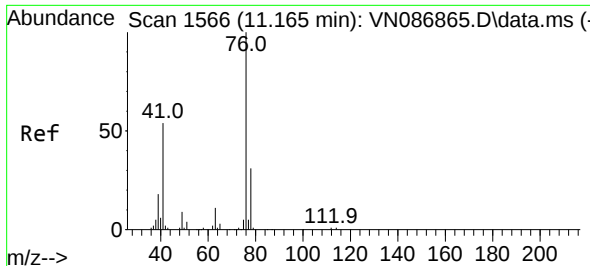


#56
Ethyl methacrylate
Concen: 54.447 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



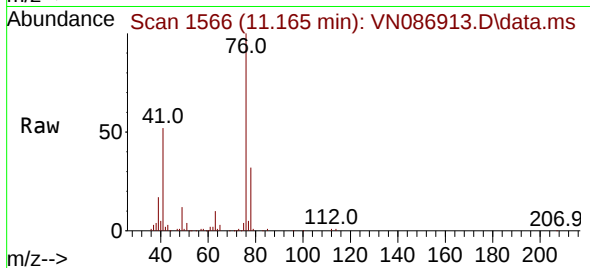
Tgt Ion: 69 Resp: 248574
Ion Ratio Lower Upper
69 100
41 54.6 47.2 70.8
39 24.1 23.0 34.6





#57
1,3-Dichloropropane
Concen: 49.255 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

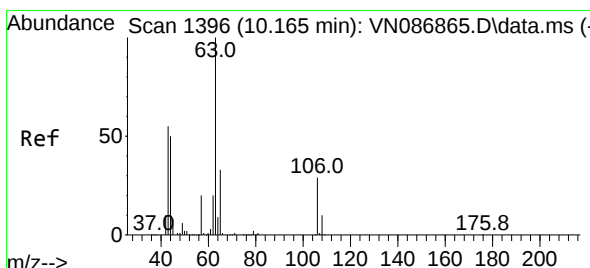
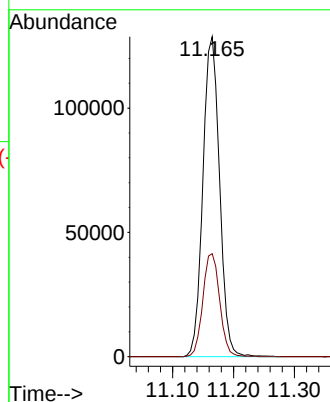
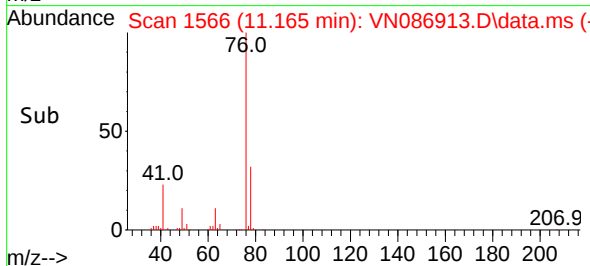
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



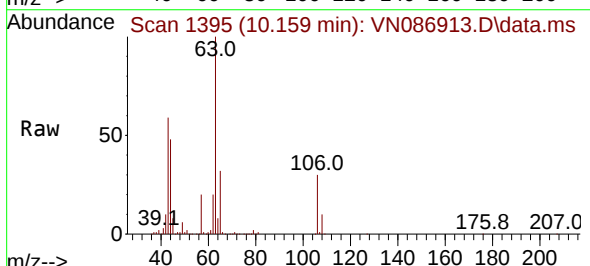
Tgt Ion: 76 Resp: 24491
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9

Manual Integrations
APPROVED

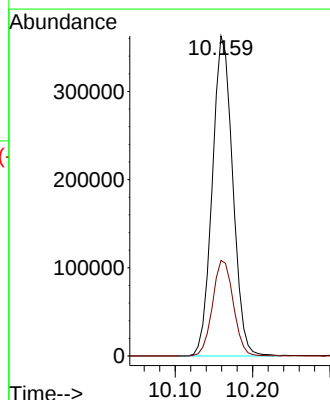
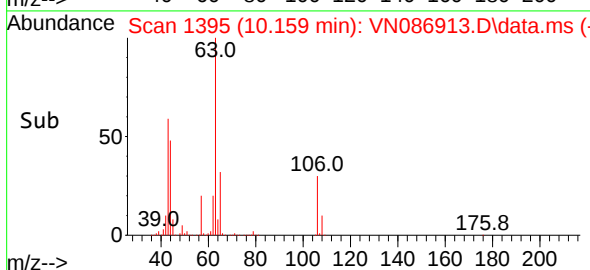
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

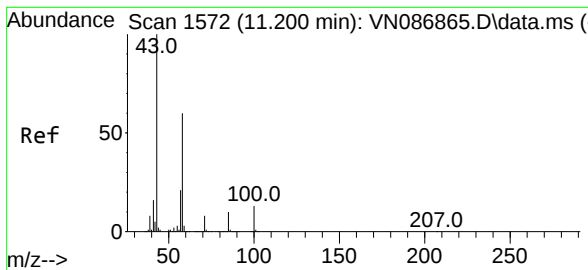


#58
2-Chloroethyl Vinyl ether
Concen: 244.474 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



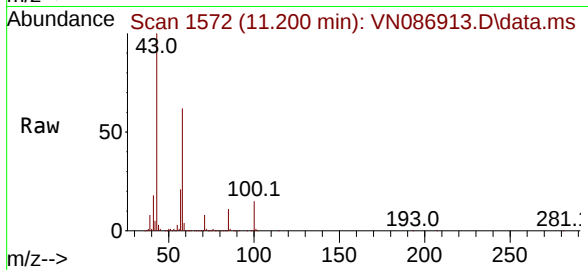
Tgt Ion: 63 Resp: 665707
Ion Ratio Lower Upper
63 100
106 30.3 23.0 34.6





#59
2-Hexanone
Concen: 242.131 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

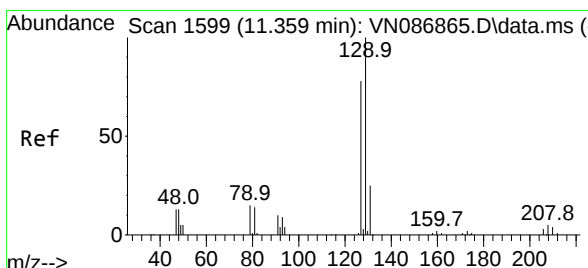
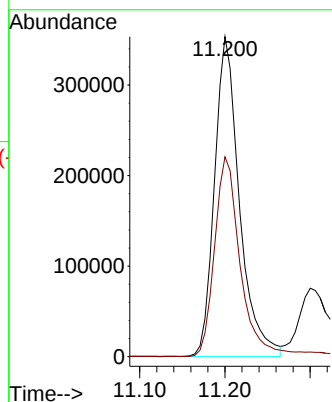
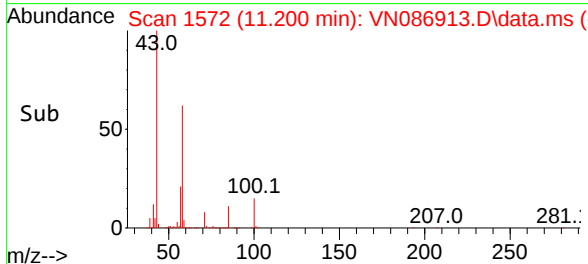
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



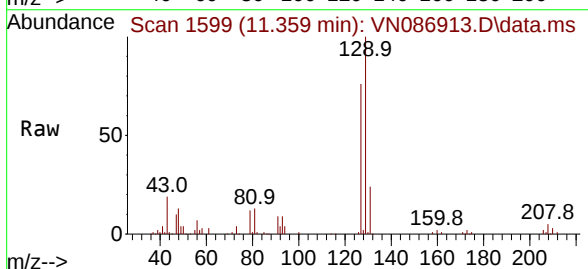
Tgt Ion: 43 Resp: 71509
Ion Ratio Lower Upper
43 100
58 66.5 30.4 91.3

Manual Integrations
APPROVED

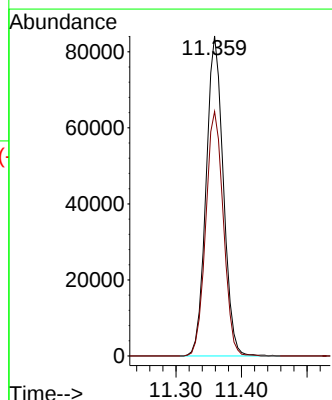
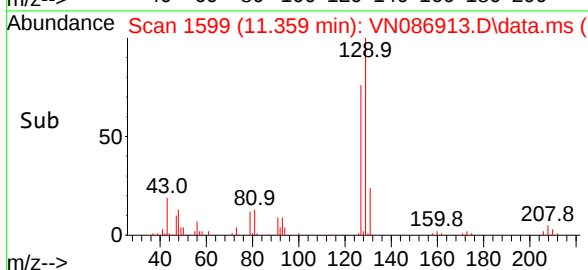
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#60
Dibromochloromethane
Concen: 51.366 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



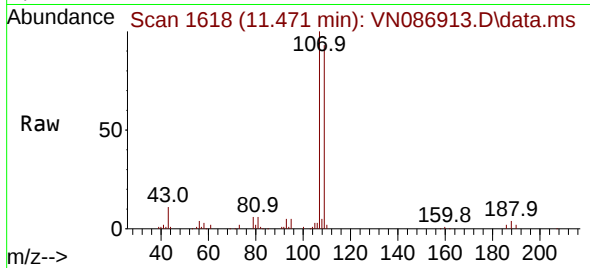
Tgt Ion:129 Resp: 153400
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 50.307 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

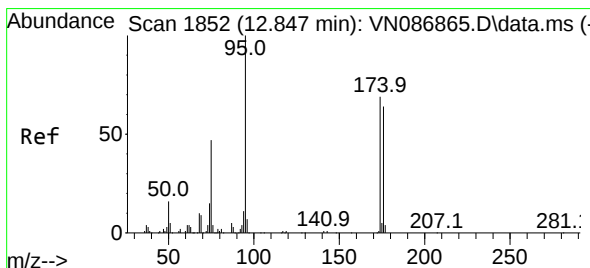
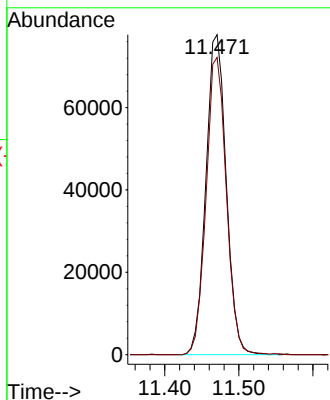
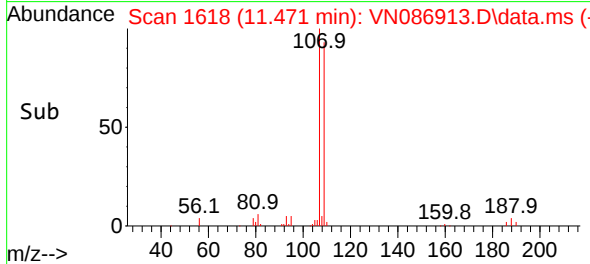
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



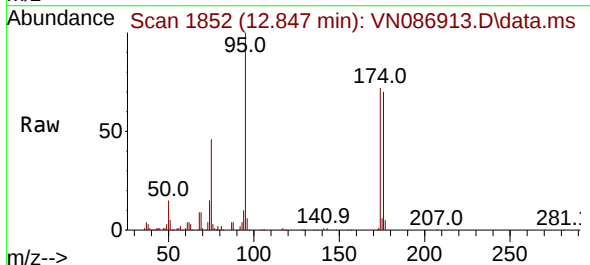
Tgt Ion:107 Resp: 147800
Ion Ratio Lower Upper
107 100
109 92.7 76.3 114.5

Manual Integrations
APPROVED

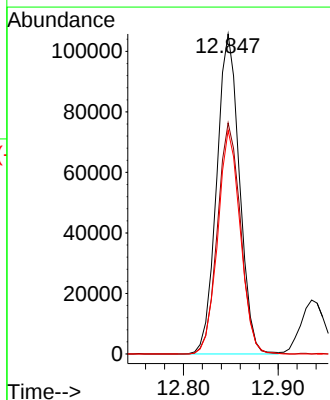
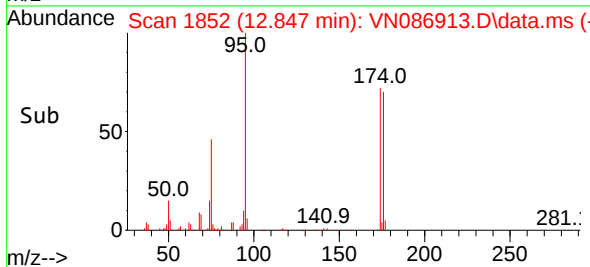
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

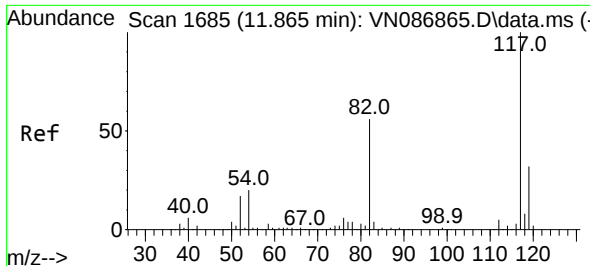


#62
4-Bromofluorobenzene
Concen: 48.131 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



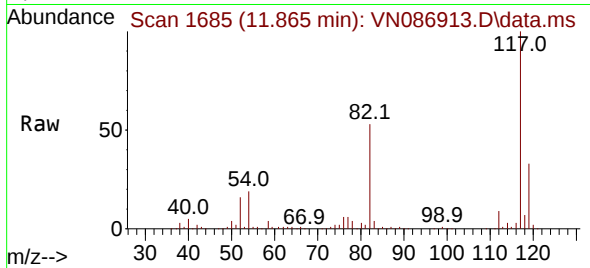
Tgt Ion: 95 Resp: 177087
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.8
176 69.1 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

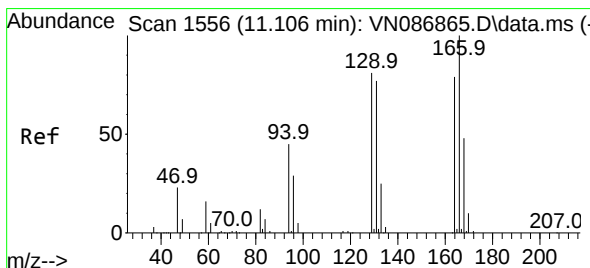
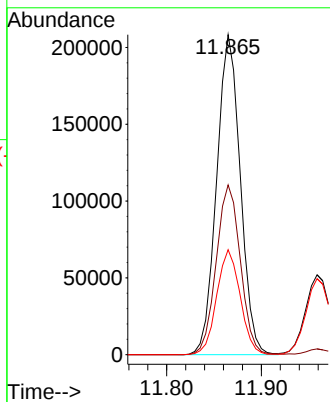
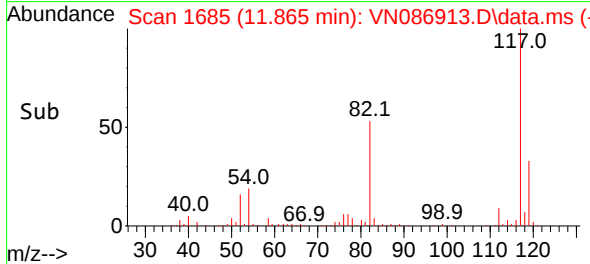
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 362285
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 32.8 25.5 38.3

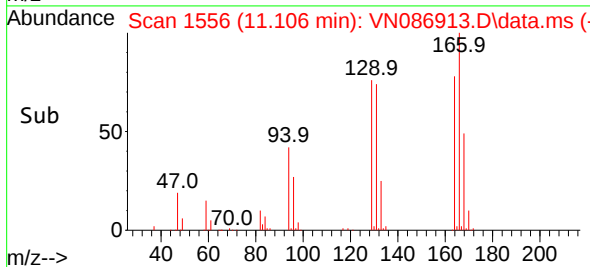
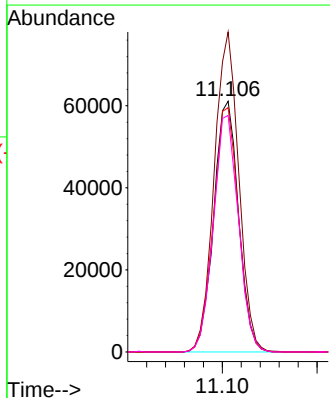
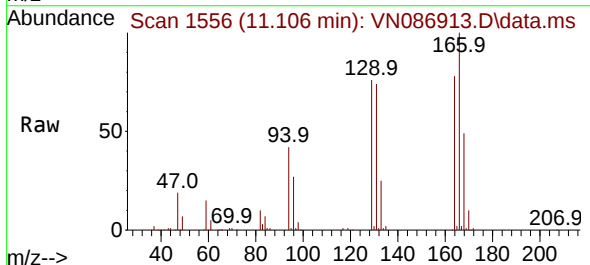
Manual Integrations
APPROVED

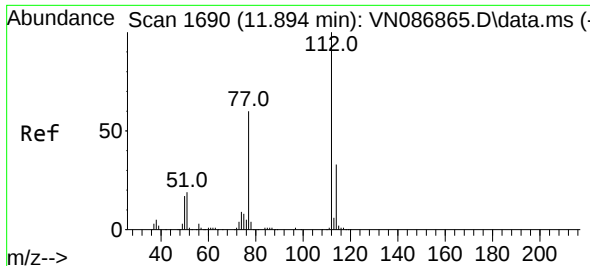
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#64
Tetrachloroethene
Concen: 48.675 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

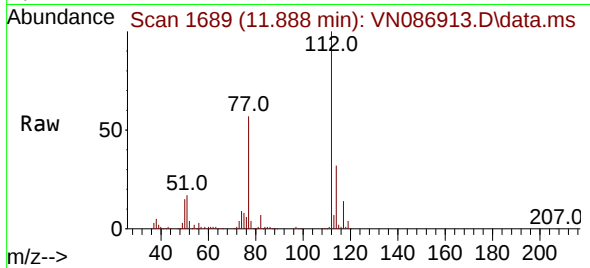
Tgt Ion:164 Resp: 111601
Ion Ratio Lower Upper
164 100
166 127.6 101.8 152.8
129 97.4 83.0 124.4
131 94.3 78.2 117.2





#65
Chlorobenzene
Concen: 50.661 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

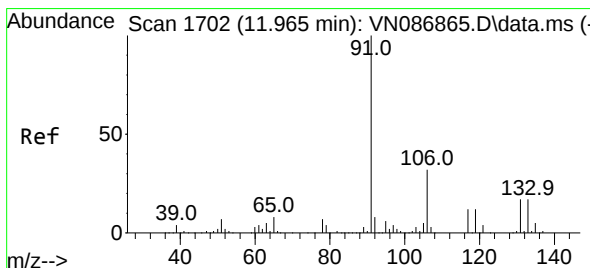
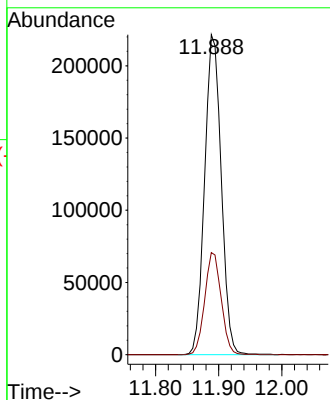
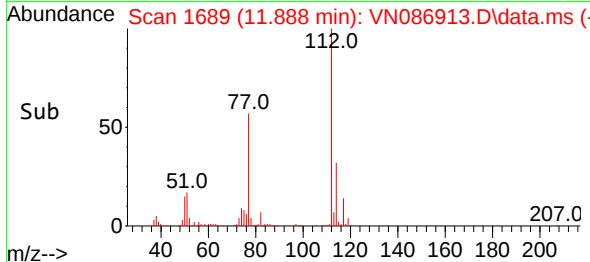
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



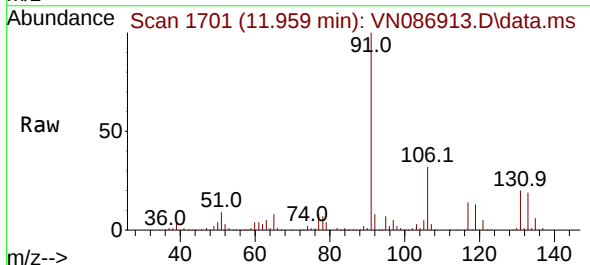
Tgt Ion:112 Resp: 40479
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

Manual Integrations
APPROVED

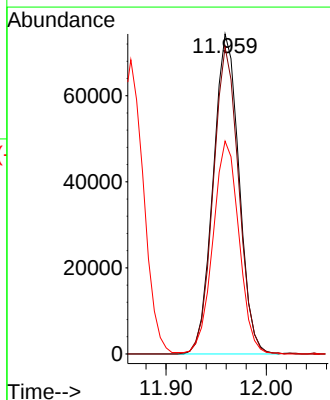
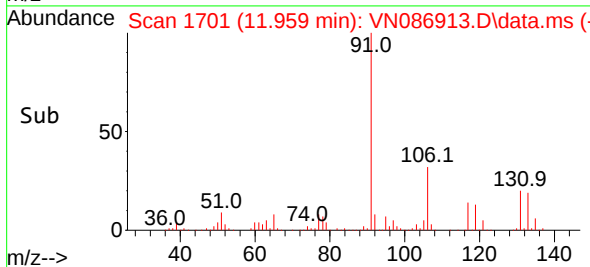
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

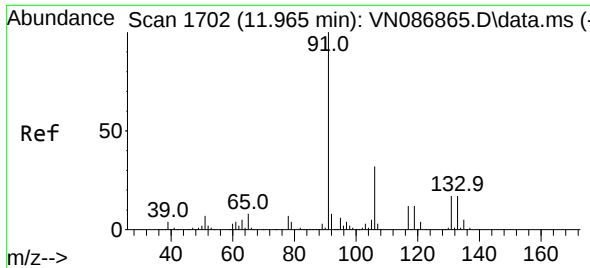


#66
1,1,1,2-Tetrachloroethane
Concen: 51.699 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



Tgt Ion:131 Resp: 132787
Ion Ratio Lower Upper
131 100
133 94.8 48.3 144.8
119 67.2 34.0 101.8





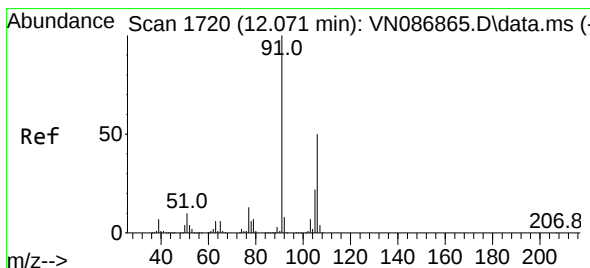
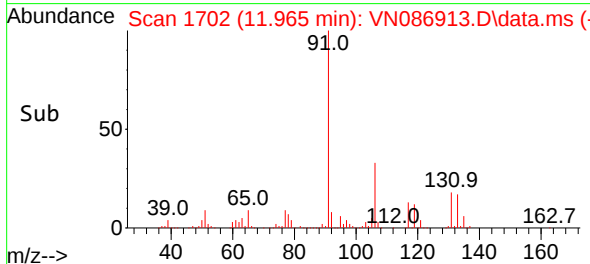
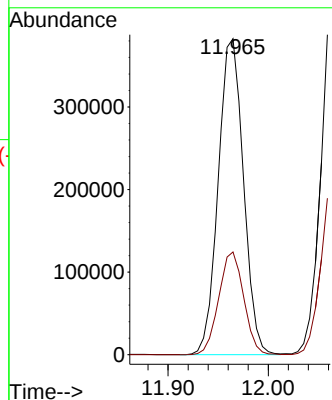
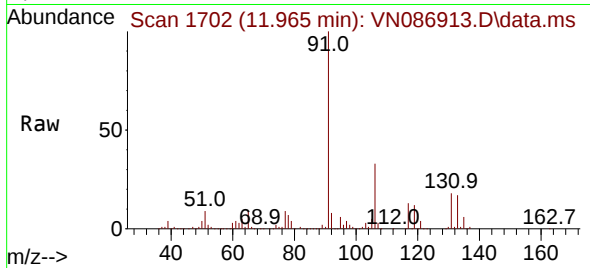
#67
Ethyl Benzene
Concen: 48.548 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 668179
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.2

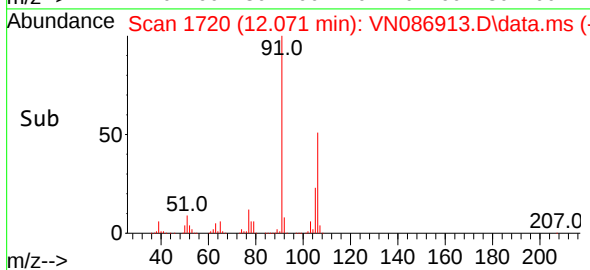
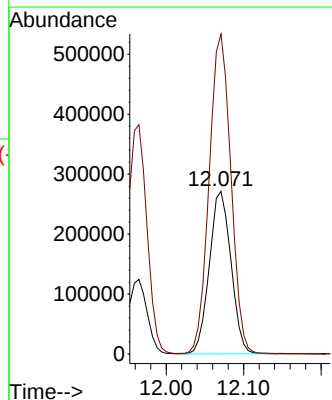
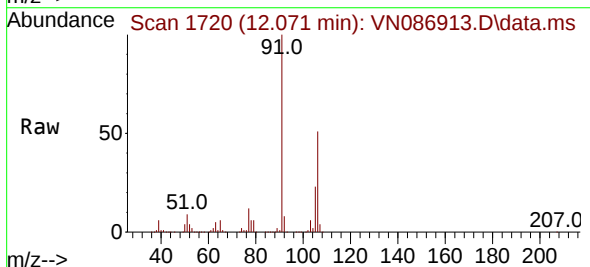
Manual Integrations
APPROVED

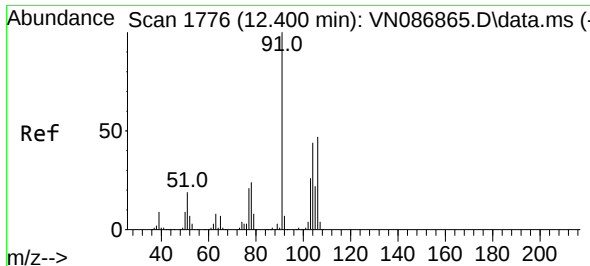
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#68
m/p-Xylenes
Concen: 99.975 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:106 Resp: 526722
Ion Ratio Lower Upper
106 100
91 198.0 159.4 239.0





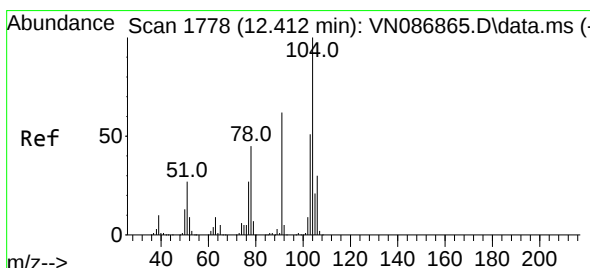
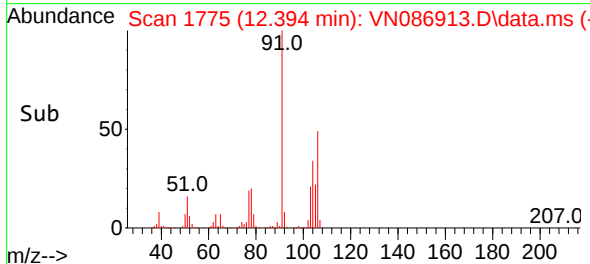
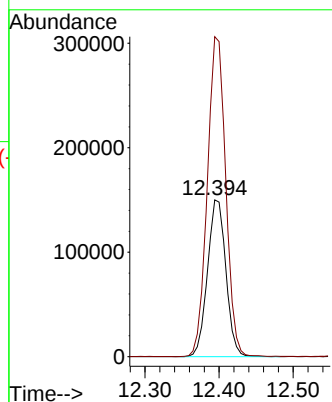
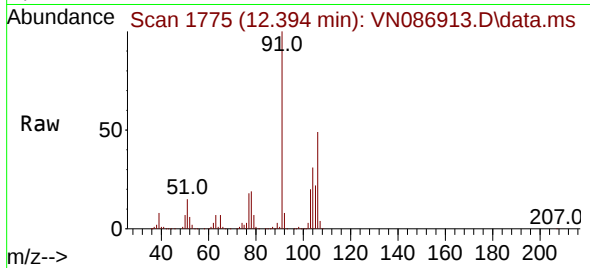
#69
o-Xylene
Concen: 51.297 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 258839
Ion Ratio Lower Upper
106 100
91 204.6 106.1 318.1

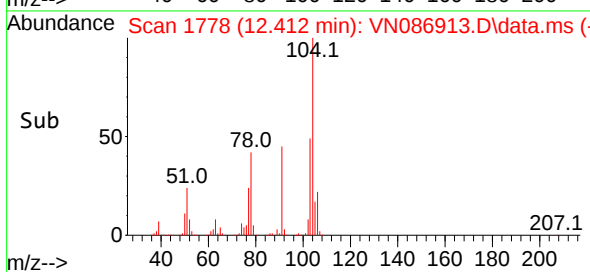
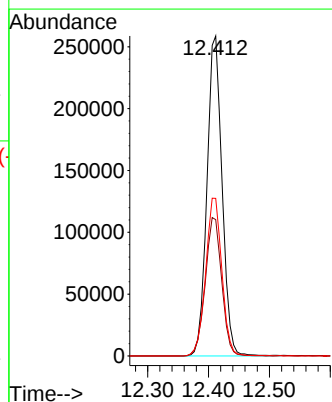
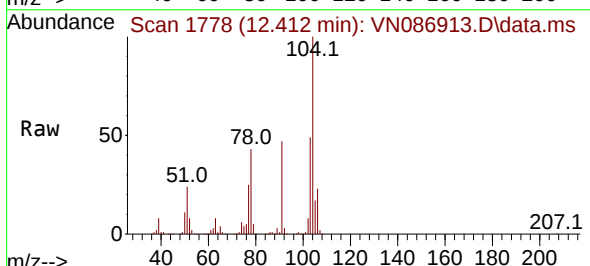
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#70
Styrene
Concen: 51.704 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:104 Resp: 446437
Ion Ratio Lower Upper
104 100
78 46.9 38.5 57.7
103 53.0 43.1 64.7





#71

Bromoform

Concen: 54.693 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086913.D

Acq: 10 Jun 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 104086

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

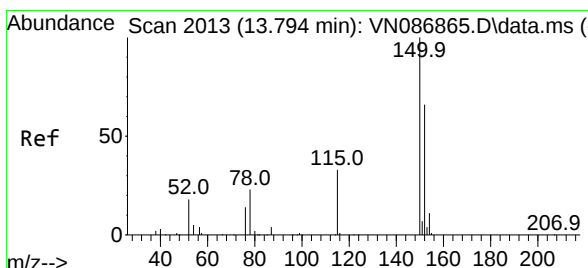
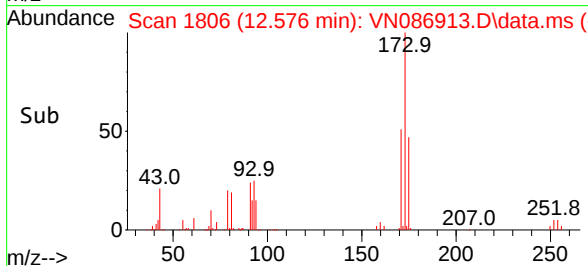
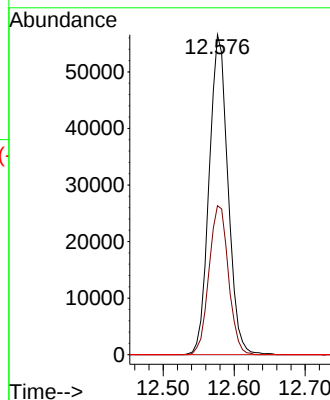
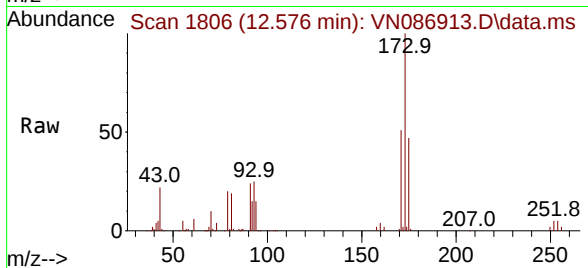
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN086913.D

Acq: 10 Jun 2025 09:13

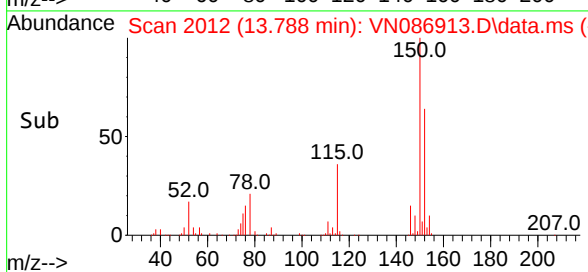
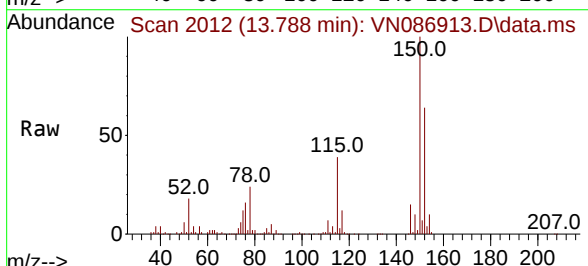
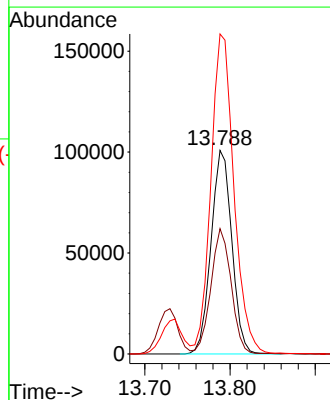
Tgt Ion:152 Resp: 170987

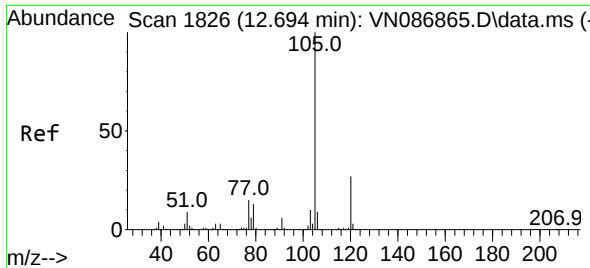
Ion Ratio Lower Upper

152 100

115 59.8 30.1 90.5

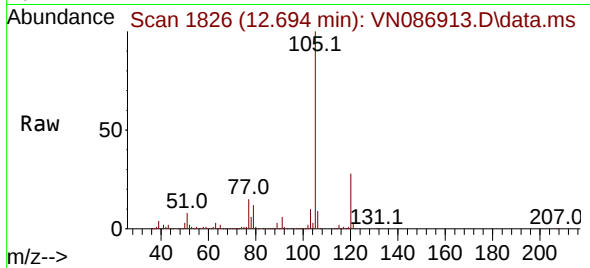
150 174.7 0.0 345.0





#73
Isopropylbenzene
Concen: 49.917 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

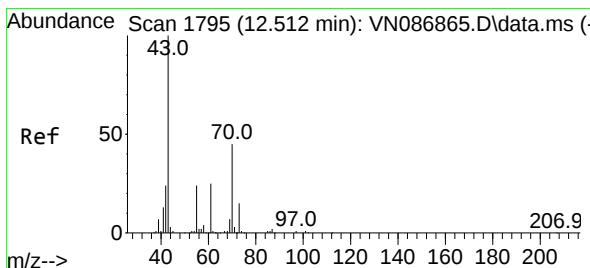
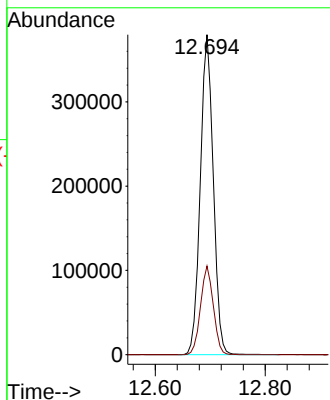
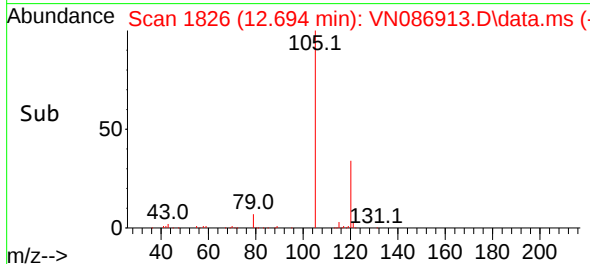
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



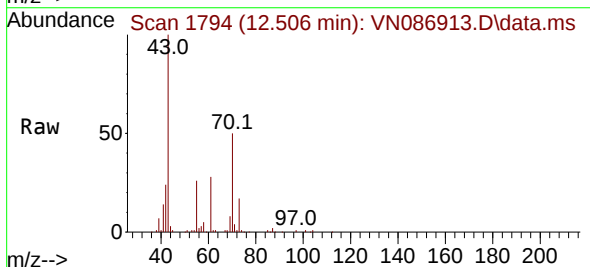
Tgt Ion:105 Resp: 621794
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

Manual Integrations
APPROVED

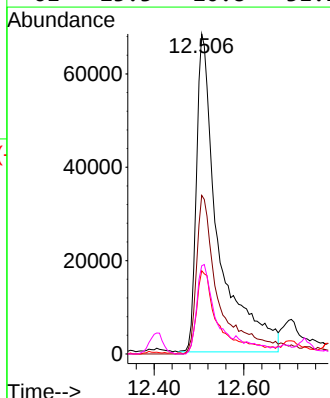
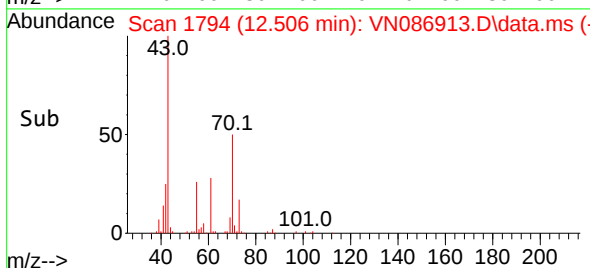
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

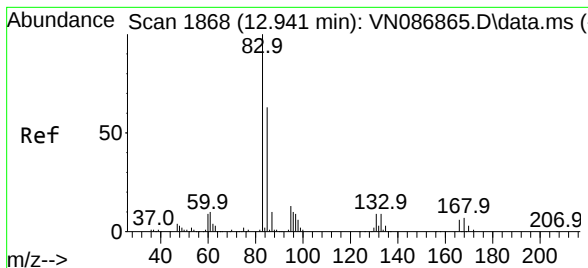


#74
N-ethyl acetate
Concen: 53.204 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



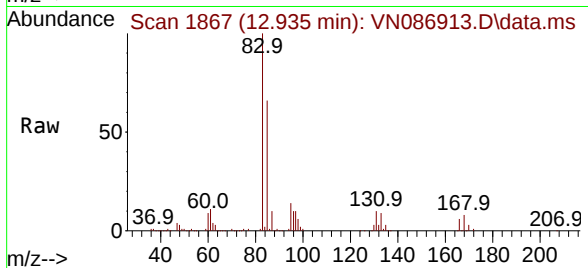
Tgt Ion: 43 Resp: 231590
Ion Ratio Lower Upper
43 100
70 52.9 37.6 56.4
55 27.1 19.0 28.6
61 23.3 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.363 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

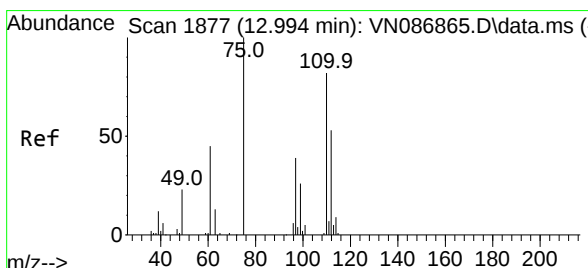
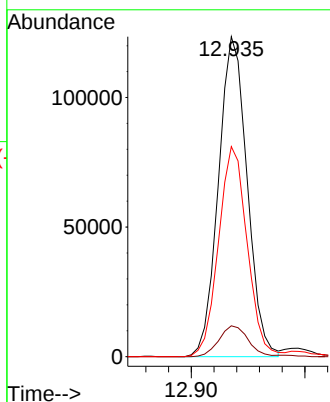
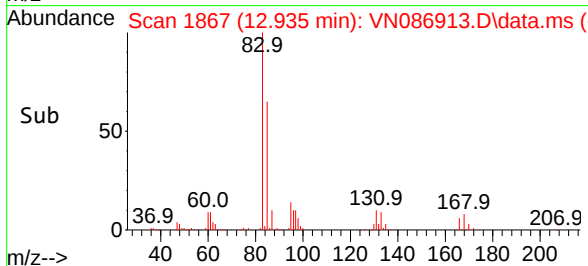
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



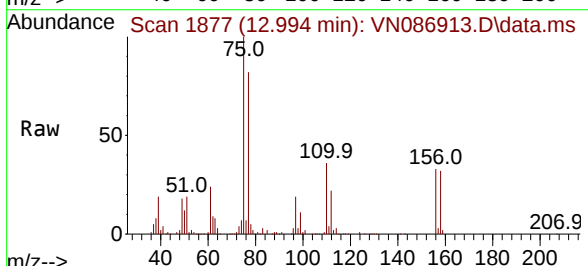
Tgt Ion: 83 Resp: 21675
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 65.6 32.0 96.0

Manual Integrations
APPROVED

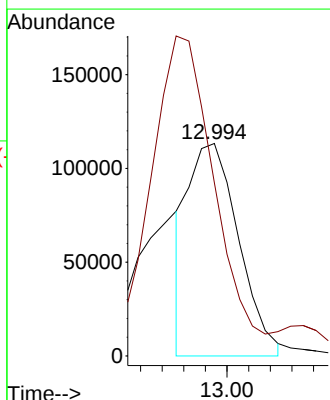
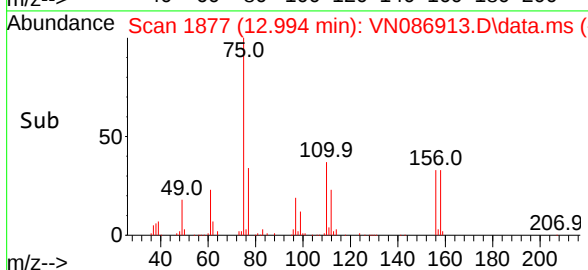
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

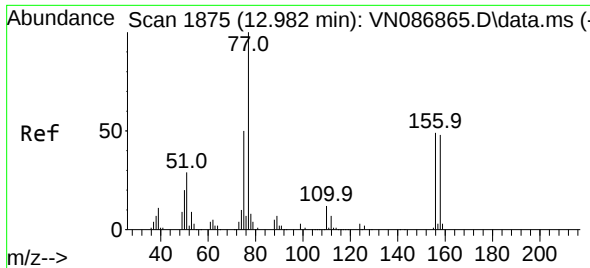


#76
1,2,3-Trichloropropane
Concen: 44.986 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



Tgt Ion: 75 Resp: 182840
Ion Ratio Lower Upper
75 100
77 192.1 79.3 237.9





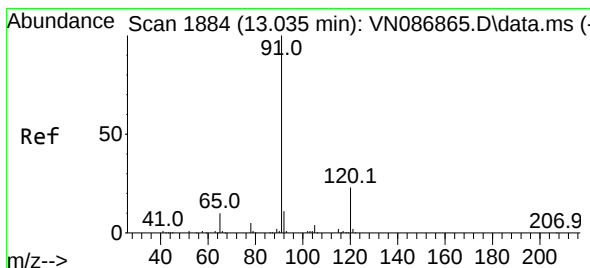
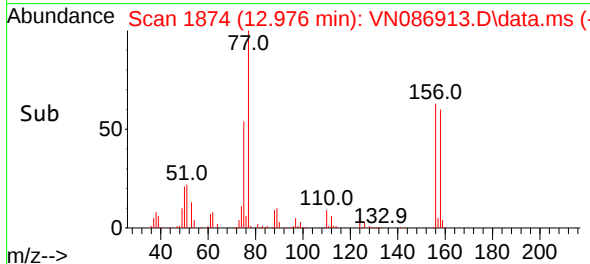
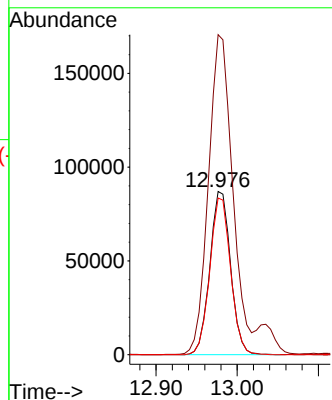
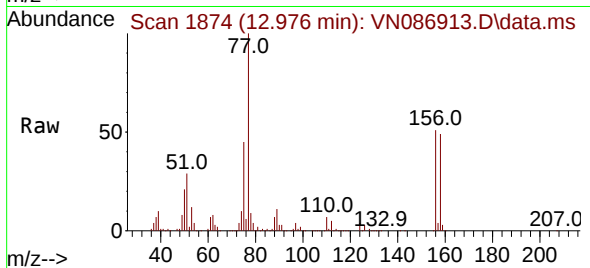
#77
Bromobenzene
Concen: 54.054 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 154418
Ion Ratio Lower Upper
156 100
77 227.4 117.7 353.1
158 96.3 48.1 144.4

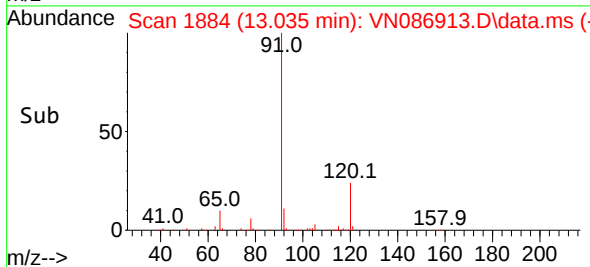
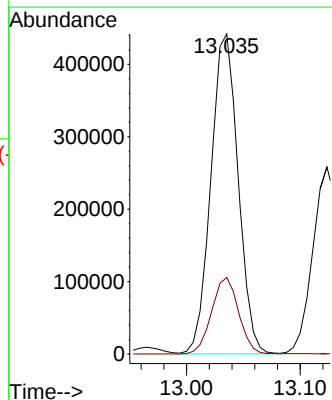
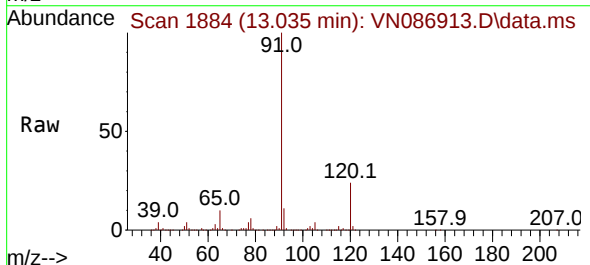
Manual Integrations
APPROVED

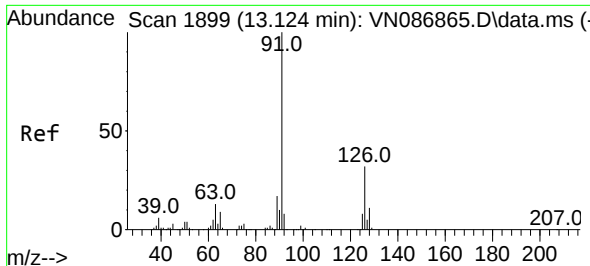
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#78
n-propylbenzene
Concen: 48.621 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

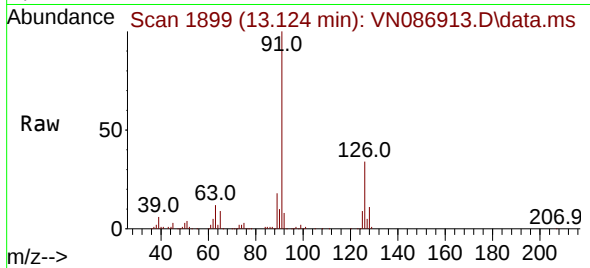
Tgt Ion: 91 Resp: 736021
Ion Ratio Lower Upper
91 100
120 23.6 11.4 34.2





#79
2-Chlorotoluene
Concen: 48.865 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

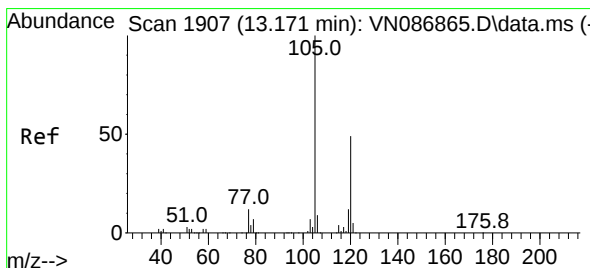
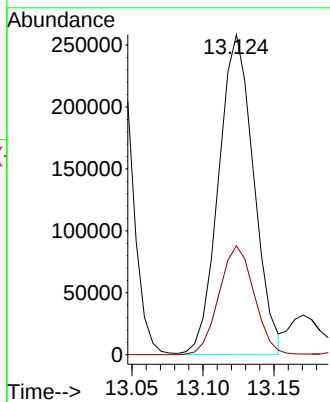
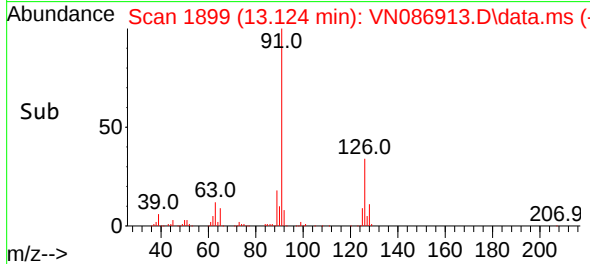
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



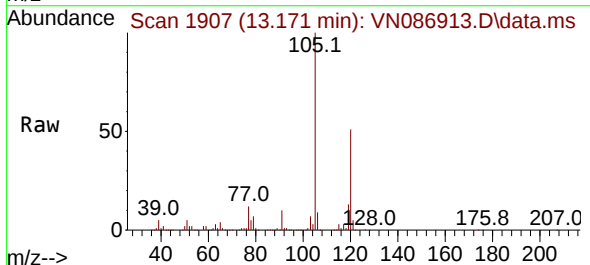
Tgt Ion: 91 Resp: 443618
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.5

Manual Integrations
APPROVED

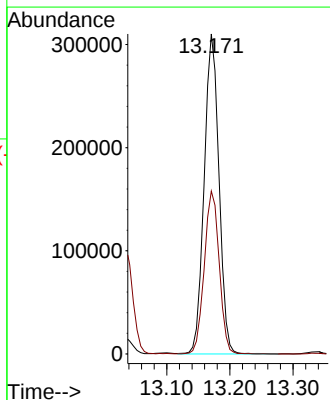
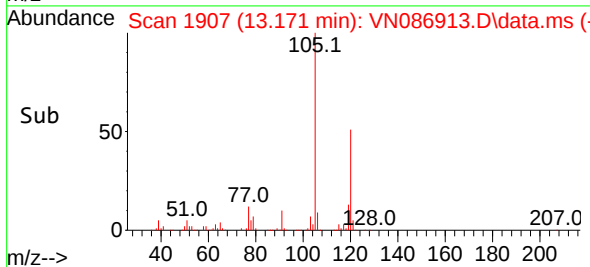
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

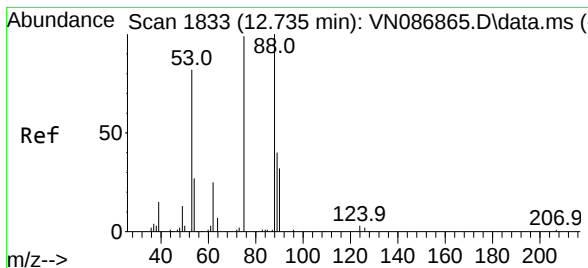


#80
1,3,5-Trimethylbenzene
Concen: 49.161 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



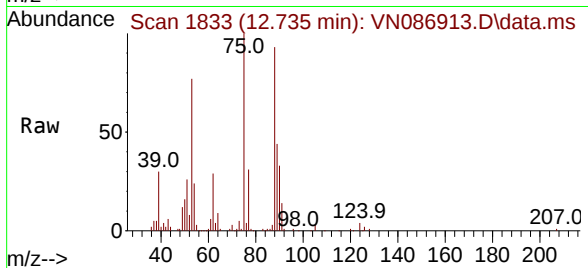
Tgt Ion:105 Resp: 505593
Ion Ratio Lower Upper
105 100
120 51.4 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 52.029 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

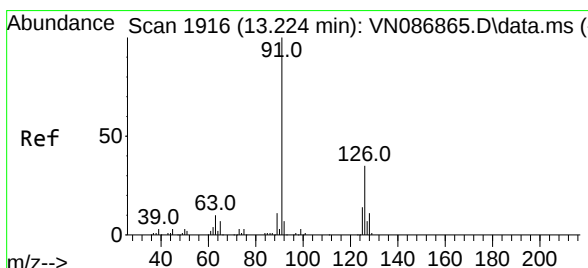
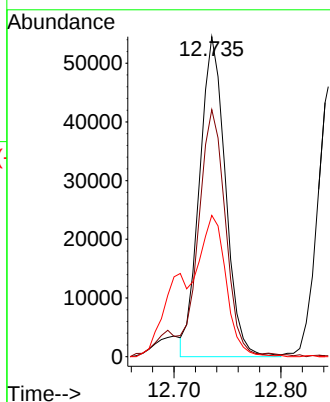
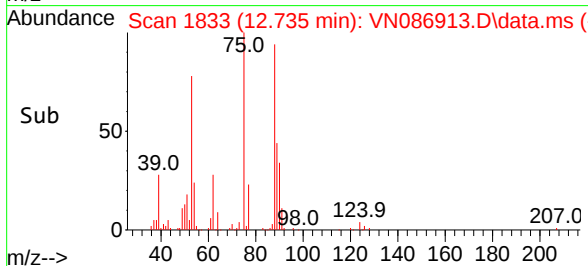
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 9186
Ion Ratio Lower Upper
75 100
53 80.7 66.6 99.8
89 48.3 36.7 55.1

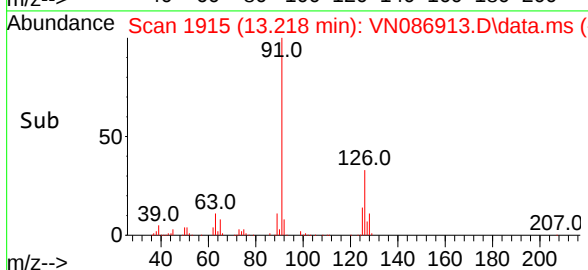
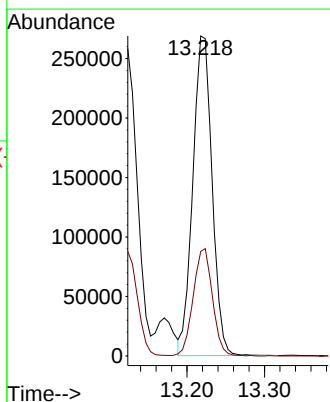
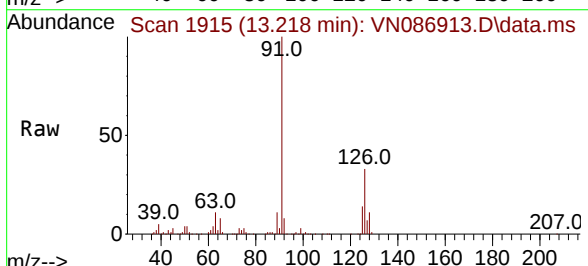
Manual Integrations
APPROVED

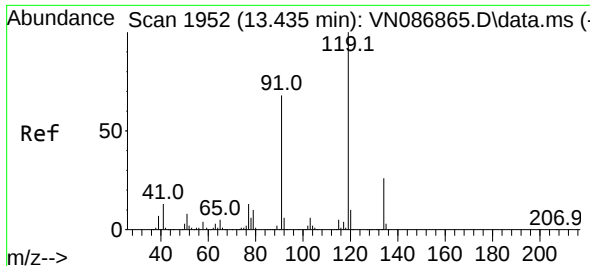
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#82
4-Chlorotoluene
Concen: 50.423 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

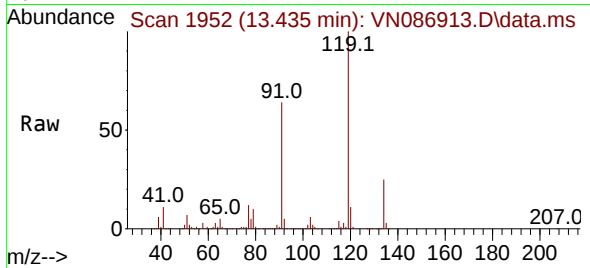
Tgt Ion: 91 Resp: 463176
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.1





#83
tert-Butylbenzene
Concen: 46.840 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

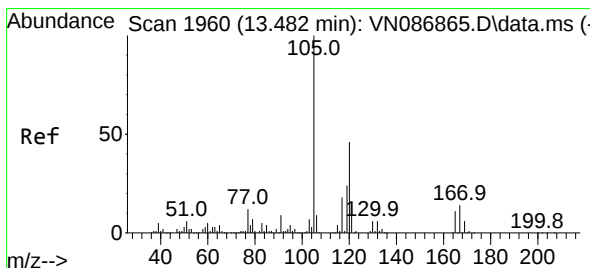
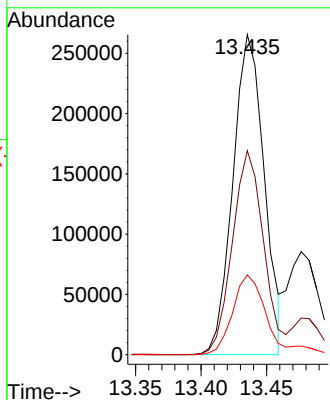
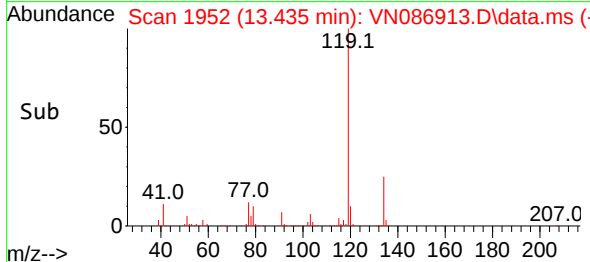
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



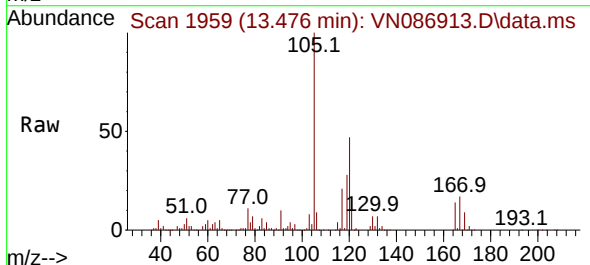
Tgt Ion:119 Resp: 440950
Ion Ratio Lower Upper
119 100
91 63.7 32.1 96.5
134 27.5 13.4 40.1

Manual Integrations
APPROVED

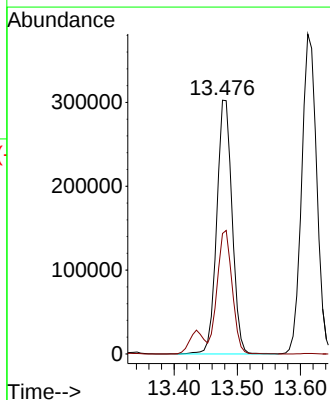
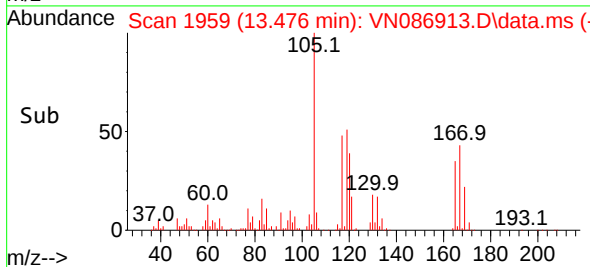
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

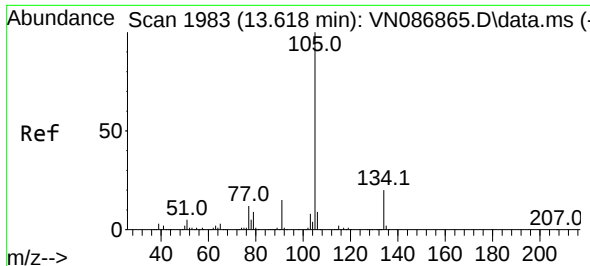


#84
1,2,4-Trimethylbenzene
Concen: 49.422 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



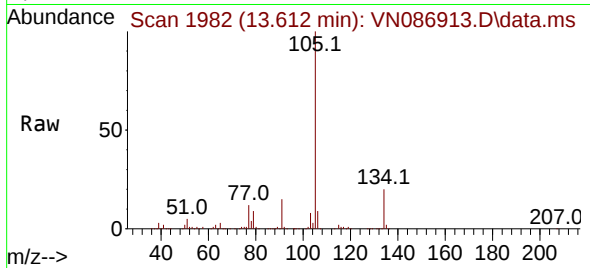
Tgt Ion:105 Resp: 509675
Ion Ratio Lower Upper
105 100
120 47.5 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 46.060 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN086913.D
 Acq: 10 Jun 2025 09:13

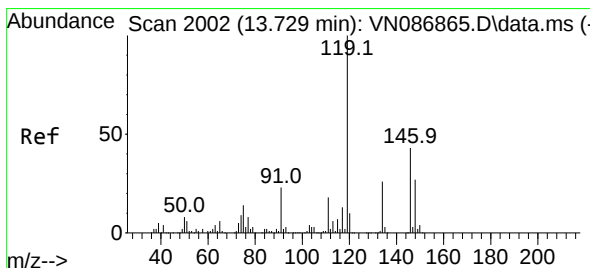
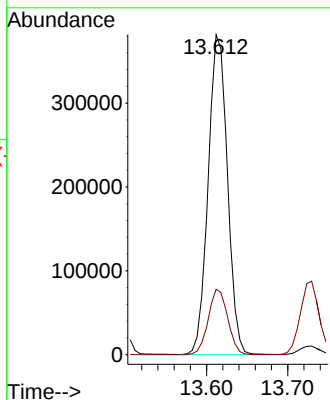
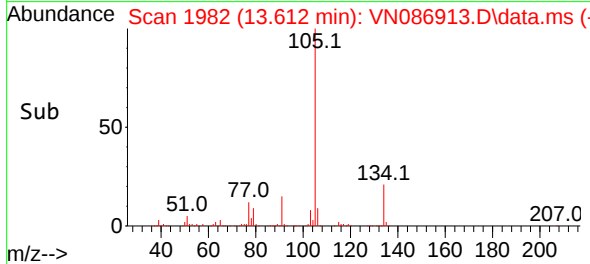
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 629702
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.0 30.0

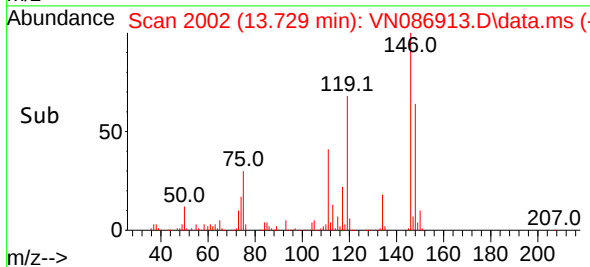
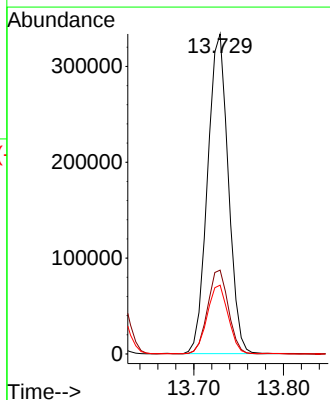
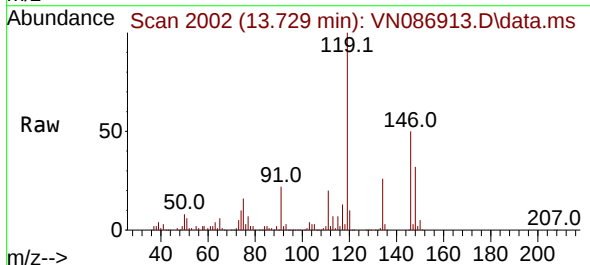
Manual Integrations
 APPROVED

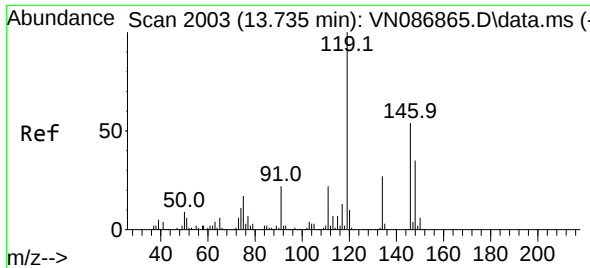
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#86
 p-Isopropyltoluene
 Concen: 47.367 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN086913.D
 Acq: 10 Jun 2025 09:13

Tgt Ion:119 Resp: 535293
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 21.7 11.5 34.4





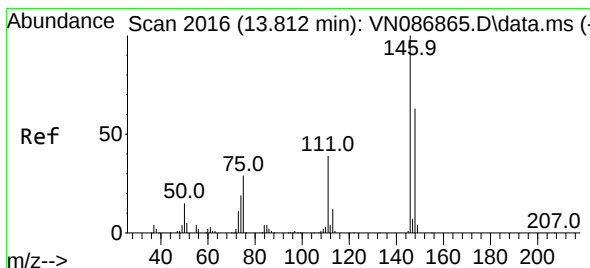
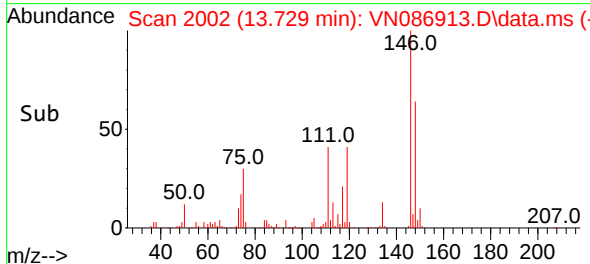
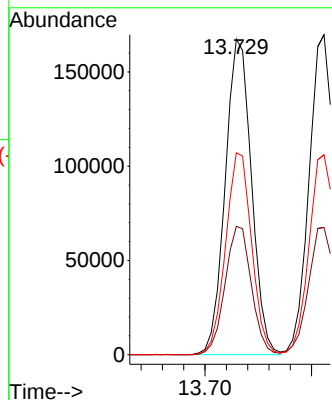
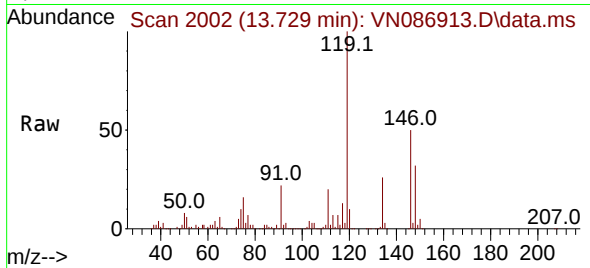
#87
1,3-Dichlorobenzene
Concen: 51.039 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 286869
Ion Ratio Lower Upper
146 100
111 40.7 20.9 62.8
148 63.5 32.0 96.2

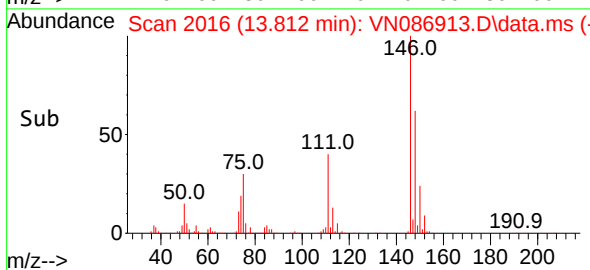
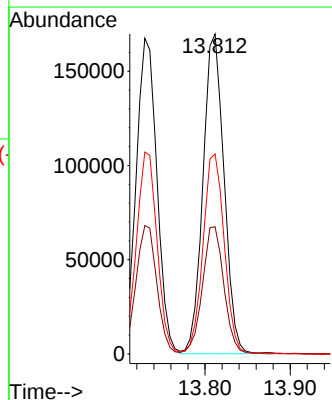
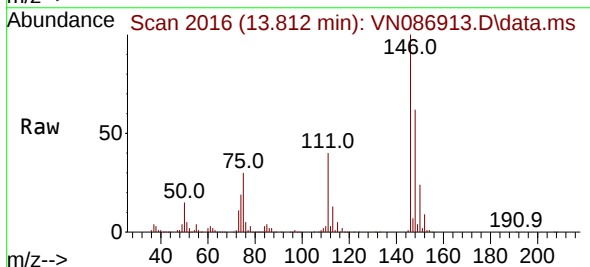
Manual Integrations
APPROVED

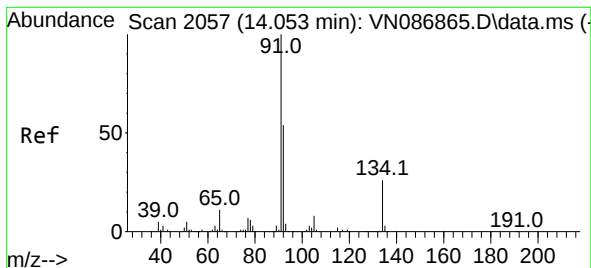
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#88
1,4-Dichlorobenzene
Concen: 50.774 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:146 Resp: 290947
Ion Ratio Lower Upper
146 100
111 40.0 19.9 59.7
148 63.4 31.8 95.4





#89

n-Butylbenzene

Concen: 44.380 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086913.D

Acq: 10 Jun 2025 09:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

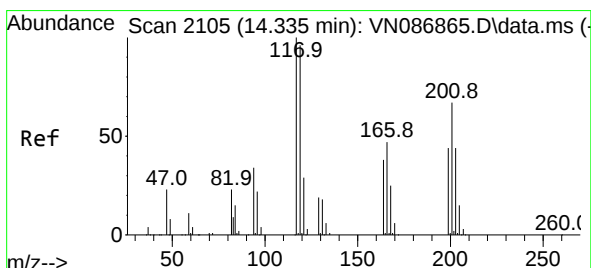
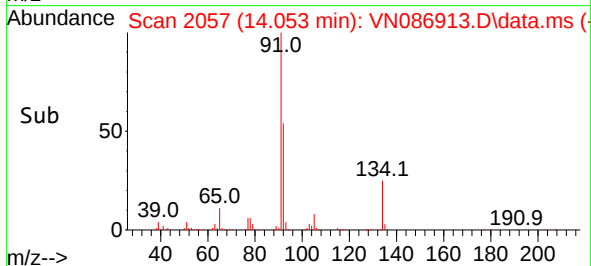
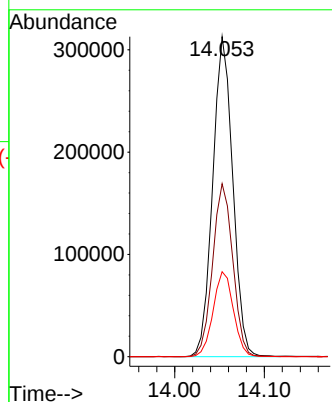
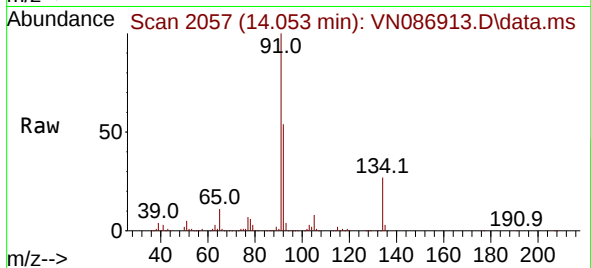
Tgt Ion:	91	Resp:	48579
Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.5	82.4
134	26.9	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#90

Hexachloroethane

Concen: 48.027 ug/l

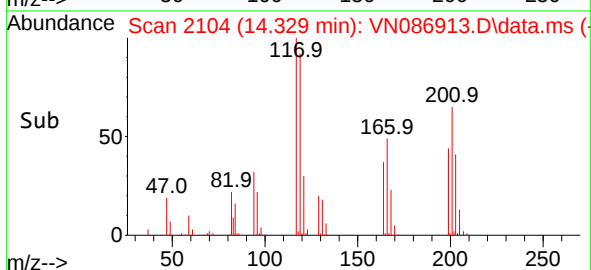
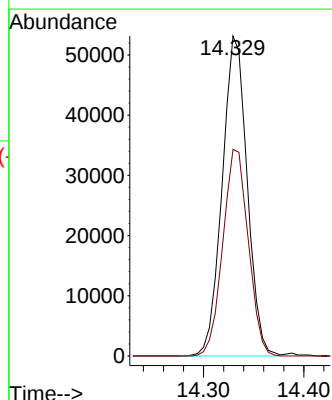
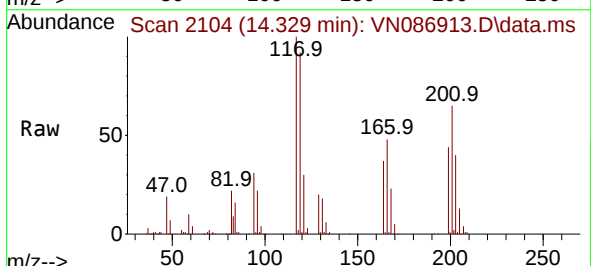
RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN086913.D

Acq: 10 Jun 2025 09:13

Tgt Ion:	117	Resp:	92000
Ion	Ratio	Lower	Upper
117	100		
201	65.8	33.2	99.6





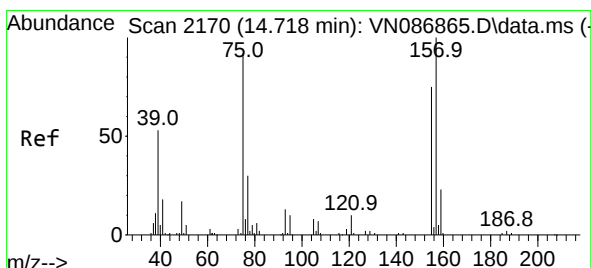
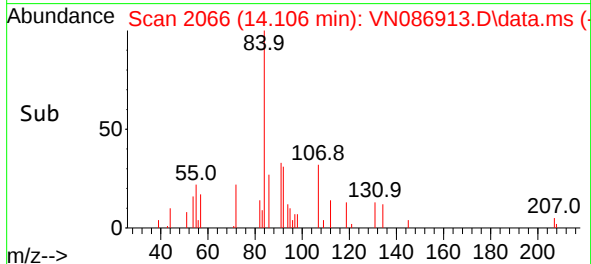
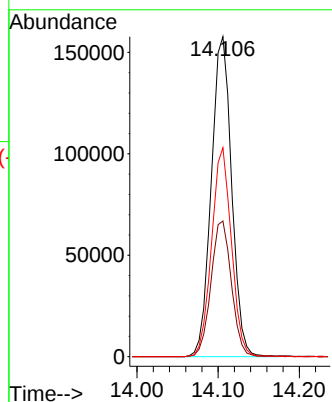
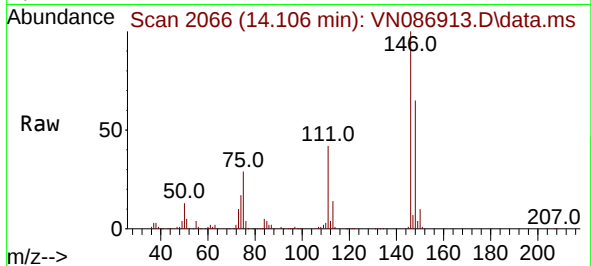
#91
1,2-Dichlorobenzene
Concen: 50.816 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 274399
Ion Ratio Lower Upper
146 100
111 42.7 21.6 64.6
148 63.7 31.7 95.1

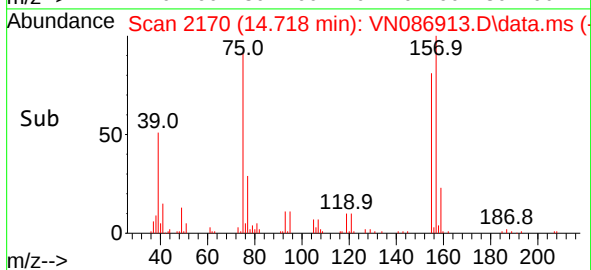
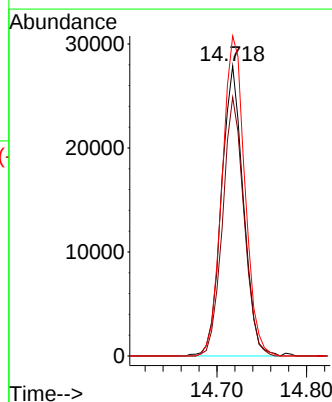
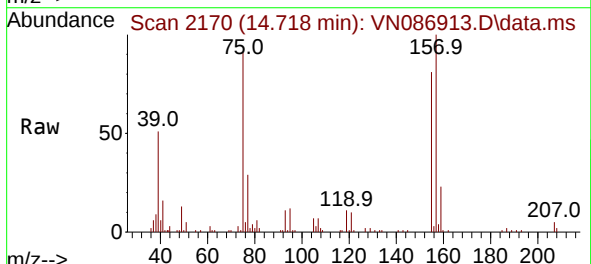
Manual Integrations
APPROVED

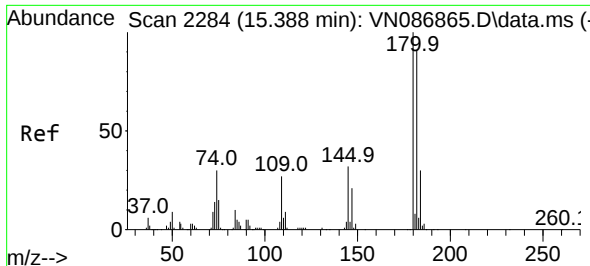
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.906 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

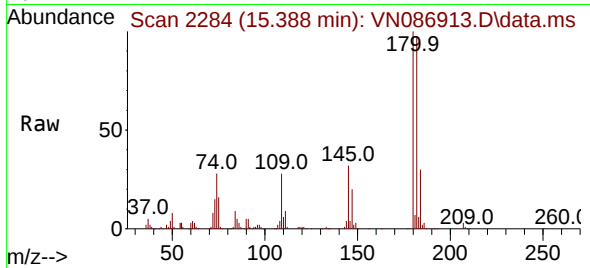
Tgt Ion: 75 Resp: 47339
Ion Ratio Lower Upper
75 100
155 87.0 41.1 123.4
157 114.2 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 45.529 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

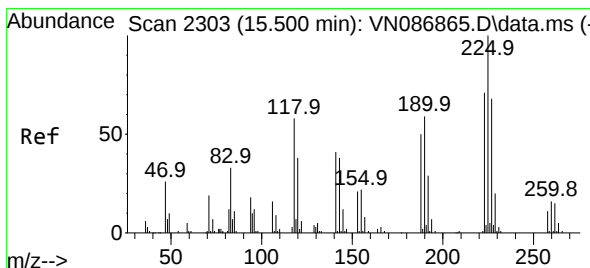
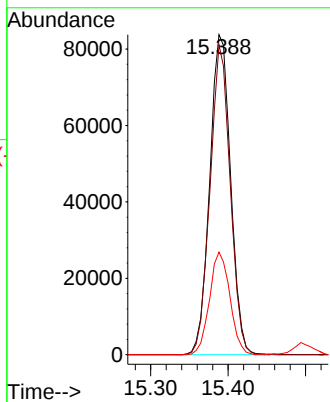
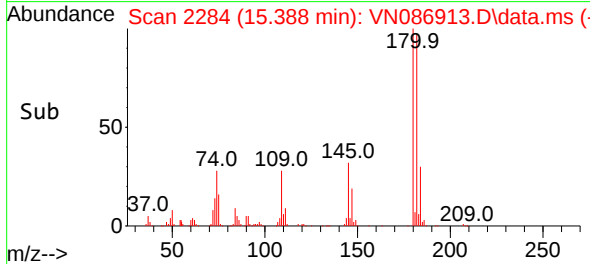
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



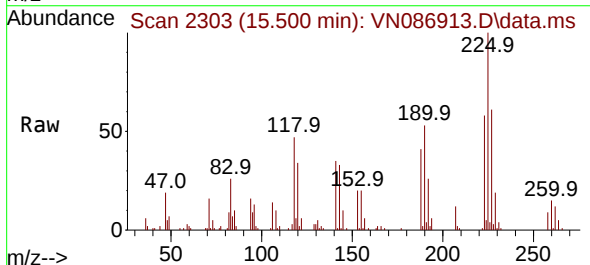
Tgt Ion:180 Resp: 15699
Ion Ratio Lower Upper
180 100
182 93.4 46.9 140.7
145 31.4 16.0 47.9

Manual Integrations
APPROVED

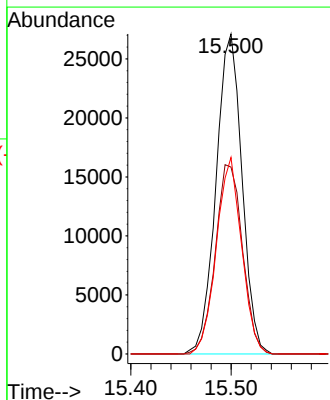
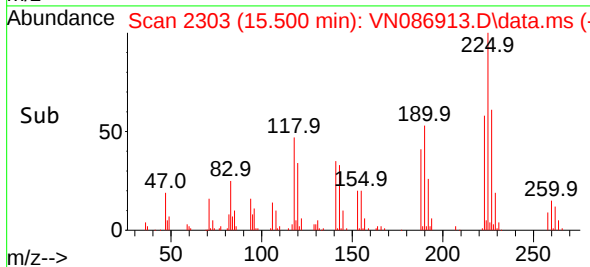
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

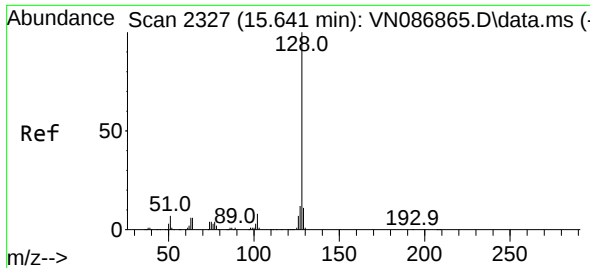


#94
Hexachlorobutadiene
Concen: 37.848 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13



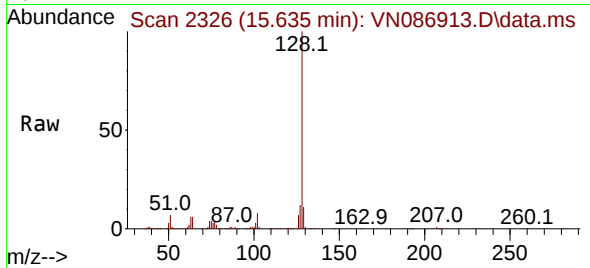
Tgt Ion:225 Resp: 48622
Ion Ratio Lower Upper
225 100
223 62.1 33.5 100.4
227 59.7 31.1 93.5





#95
Naphthalene
Concen: 48.711 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

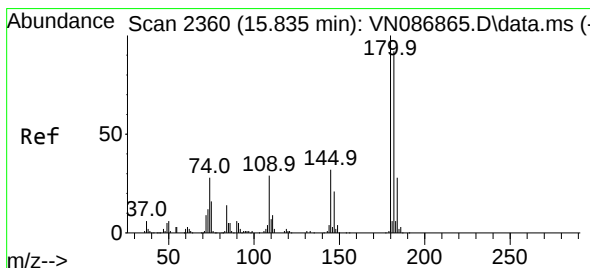
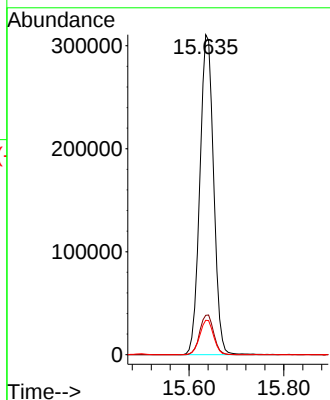
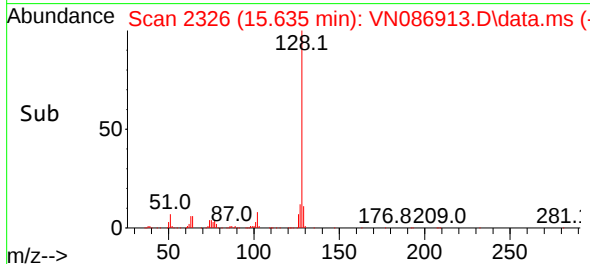
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 625189
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 42.897 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086913.D
Acq: 10 Jun 2025 09:13

Tgt Ion:180 Resp: 146962
Ion Ratio Lower Upper
180 100
182 93.7 47.0 141.0
145 33.9 16.6 49.8

