

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088485.D
 Acq On : 09 Dec 2025 17:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 10 05:12:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/10/2025
 Supervised By : Mahesh Dadoda 12/11/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	260896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	501407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	461496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	221443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	252857	51.449	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.900%			
35) Dibromofluoromethane	8.147	113	169742	48.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.700%			
50) Toluene-d8	10.541	98	595078	46.028	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.060%			
62) 4-Bromofluorobenzene	12.823	95	220764	49.766	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.540%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	161425	41.194	ug/l	97
3) Chloromethane	2.383	50	185976	44.188	ug/l	99
4) Vinyl Chloride	2.536	62	183807	42.929	ug/l	98
5) Bromomethane	2.983	94	92263	44.772	ug/l	98
6) Chloroethane	3.147	64	121137	45.718	ug/l	99
7) Trichlorofluoromethane	3.518	101	266709	44.320	ug/l	98
8) Diethyl Ether	3.959	74	116516	51.586	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	132769	41.443	ug/l	99
10) Methyl Iodide	4.583	142	139420	43.961	ug/l	90
11) Tert butyl alcohol	5.512	59	162161	206.661	ug/l	99
12) 1,1-Dichloroethene	4.342	96	138352	43.466	ug/l	97
13) Acrolein	4.177	56	152795	203.393	ug/l	100
14) Allyl chloride	5.012	41	288177	48.847	ug/l	99
15) Acrylonitrile	5.700	53	554328	244.853	ug/l	99
16) Acetone	4.418	43	534293	300.598	ug/l	98
17) Carbon Disulfide	4.712	76	430270	41.367	ug/l	100
18) Methyl Acetate	5.012	43	272415	51.488	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	646219	54.188	ug/l	97
20) Methylene Chloride	5.265	84	181770	47.798	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	161855	45.904	ug/l	96
22) Diisopropyl ether	6.653	45	670413	53.227	ug/l	96
23) Vinyl Acetate	6.588	43	3022367	297.833	ug/l	98
24) 1,1-Dichloroethane	6.553	63	356776	50.019	ug/l	98
25) 2-Butanone	7.465	43	777192	271.989	ug/l	94
26) 2,2-Dichloropropane	7.471	77	303879	49.357	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	207378	50.608	ug/l	98
28) Bromochloromethane	7.794	49	160916	45.287	ug/l	95
29) Tetrahydrofuran	7.818	42	519519	253.479	ug/l	97
30) Chloroform	7.947	83	357992	51.078	ug/l	97
31) Cyclohexane	8.235	56	261391	40.440	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	294214	47.743	ug/l	99
36) 1,1-Dichloropropene	8.353	75	227744	42.469	ug/l	99
37) Ethyl Acetate	7.541	43	324308	45.993	ug/l	98
38) Carbon Tetrachloride	8.341	117	239661	44.894	ug/l	100
39) Methylcyclohexane	9.576	83	223447	38.955	ug/l	94
40) Benzene	8.582	78	730636	46.421	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	177569	50.845	ug/l	97
42) 1,2-Dichloroethane	8.653	62	308801	51.424	ug/l	99
43) Isopropyl Acetate	8.671	43	518787	48.155	ug/l	99
44) Trichloroethene	9.329	130	157565	42.368	ug/l	99
45) 1,2-Dichloropropane	9.600	63	194062	48.124	ug/l	97
46) Dibromomethane	9.688	93	138665	48.183	ug/l	99
47) Bromodichloromethane	9.865	83	294275	50.115	ug/l	98
48) Methyl methacrylate	9.659	41	245883	50.022	ug/l	98
49) 1,4-Dioxane	9.676	88	44293	708.543	ug/l #	94
51) 4-Methyl-2-Pentanone	10.423	43	1577326	248.392	ug/l	99
52) Toluene	10.606	92	451294	49.657	ug/l	97
53) t-1,3-Dichloropropene	10.812	75	307168	50.963	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	320899	50.627	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	170849	48.589	ug/l	97
56) Ethyl methacrylate	10.853	69	305130	54.936	ug/l	98
57) 1,3-Dichloropropane	11.135	76	318981	50.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.135	63	752272	234.930	ug/l	100
59) 2-Hexanone	11.176	43	1056099	264.004	ug/l	98
60) Dibromochloromethane	11.335	129	204281	50.963	ug/l	100
61) 1,2-Dibromoethane	11.447	107	175411	49.263	ug/l	99
64) Tetrachloroethene	11.082	164	128275	35.061	ug/l	97
65) Chlorobenzene	11.865	112	472547	45.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	164740	47.120	ug/l	100
67) Ethyl Benzene	11.941	91	845927	46.690	ug/l	99
68) m/p-Xylenes	12.047	106	620764	92.410	ug/l	96
69) o-Xylene	12.376	106	299501	46.766	ug/l	99
70) Styrene	12.388	104	513023	49.336	ug/l	98
71) Bromoform	12.559	173	126406	49.362	ug/l #	100
73) Isopropylbenzene	12.670	105	754438	46.078	ug/l	100
74) N-amyl acetate	12.500	43	244957m	43.930	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	252283	47.662	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	237465m	45.784	ug/l	
77) Bromobenzene	12.959	156	178262	47.584	ug/l	96
78) n-propylbenzene	13.012	91	930230	46.441	ug/l	99
79) 2-Chlorotoluene	13.100	91	574630	46.978	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	642616	47.365	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.712	75	90209	49.342	ug/l #	98
82) 4-Chlorotoluene	13.200	91	610120	50.219	ug/l	97
83) tert-Butylbenzene	13.412	119	504380	43.732	ug/l	95
84) 1,2,4-Trimethylbenzene	13.459	105	656260	48.664	ug/l	97
85) sec-Butylbenzene	13.588	105	733330	44.260	ug/l	99
86) p-Isopropyltoluene	13.706	119	613168	45.130	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	333726	45.762	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	341227	44.669	ug/l	96
89) n-Butylbenzene	14.029	91	579231	43.908	ug/l	99
90) Hexachloroethane	14.306	117	110185	44.393	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	320286	46.671	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	59380	46.237	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	174482	42.791	ug/l	96
94) Hexachlorobutadiene	15.470	225	54066	36.899	ug/l	96
95) Naphthalene	15.611	128	642351	45.461	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	169770	42.781	ug/l	97

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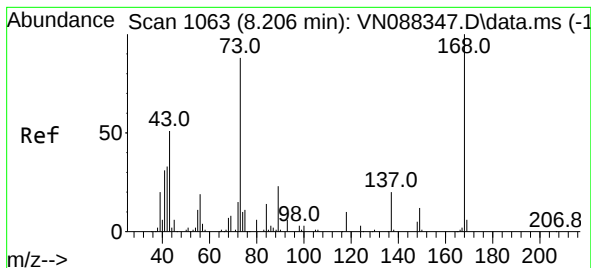
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/11/2025

Quant Time: Dec 10 05:12:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
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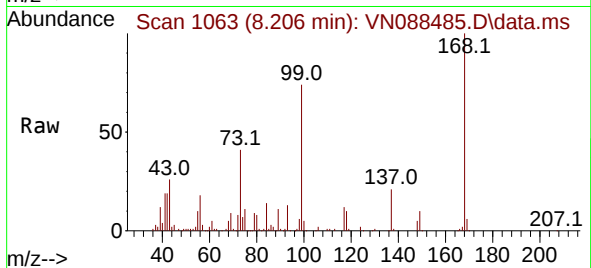
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088485.D
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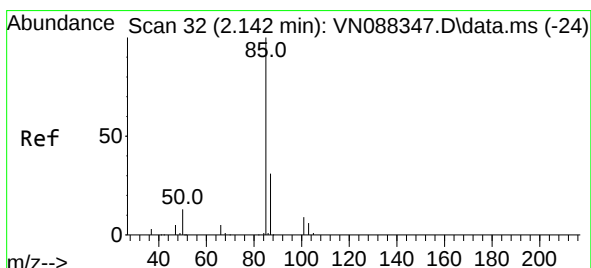
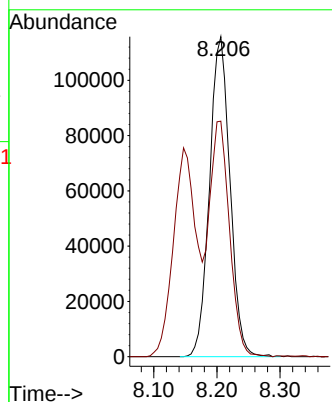
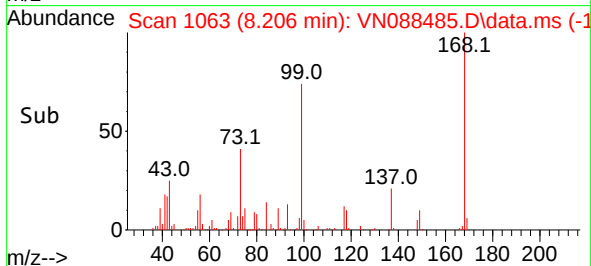
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 260890
Ion Ratio Lower Upper
168 100
99 73.4 57.1 85.7

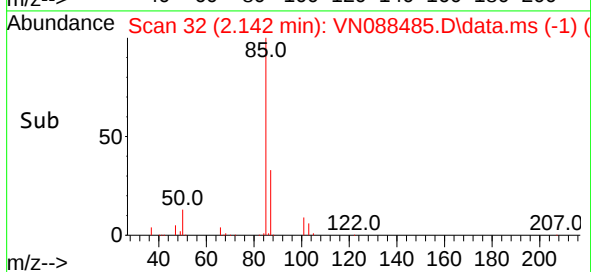
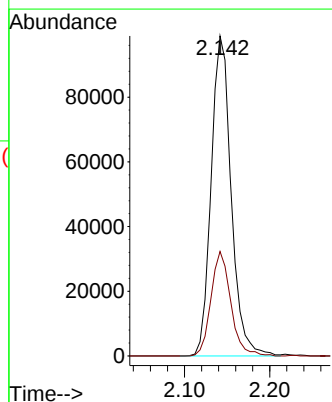
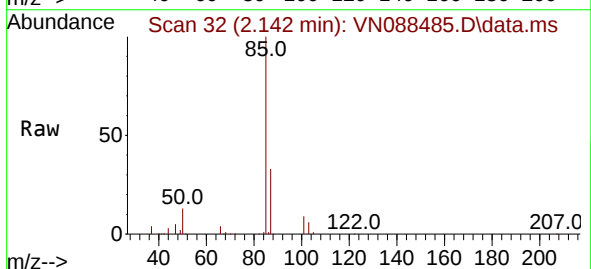
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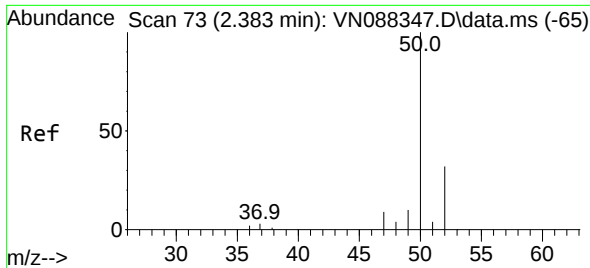
Reviewed By :John Carlone 12/10/2025
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#2
Dichlorodifluoromethane
Concen: 41.194 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

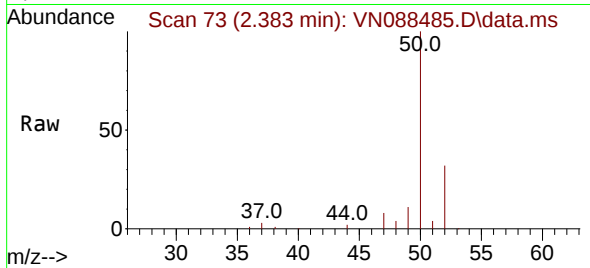
Tgt Ion: 85 Resp: 161425
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.7





#3
Chloromethane
Concen: 44.188 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

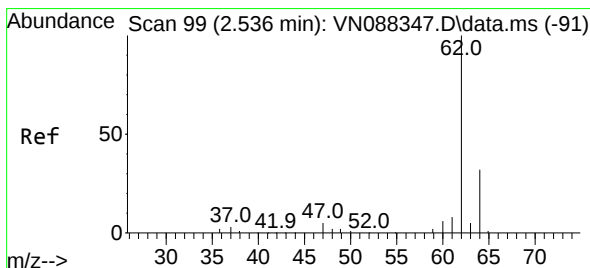
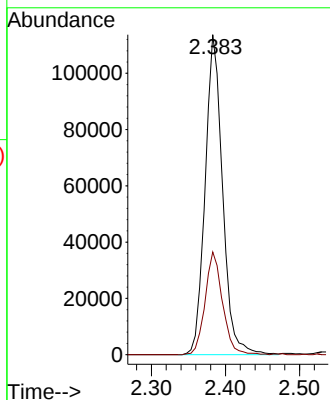
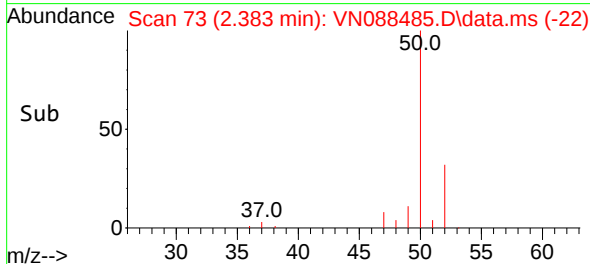
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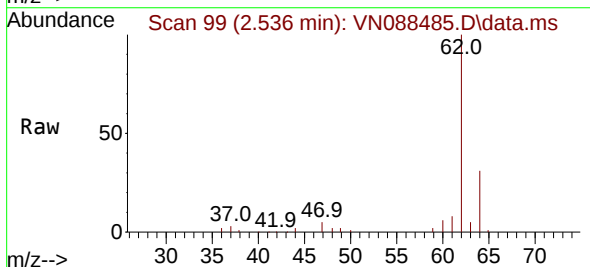
Tgt Ion: 50 Resp: 185970
Ion Ratio Lower Upper
50 100
52 32.1 25.2 37.8

Manual Integrations
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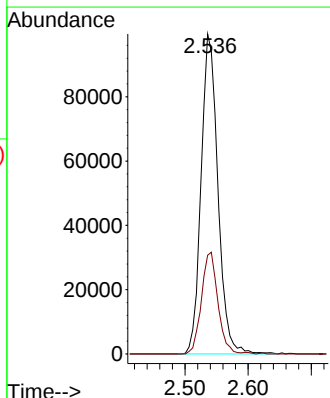
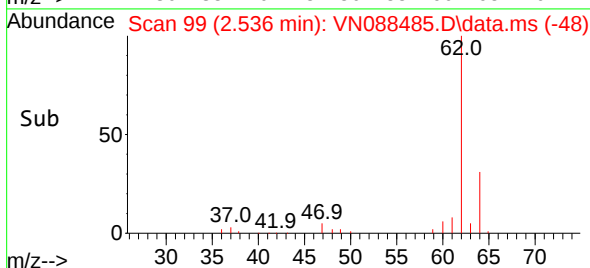
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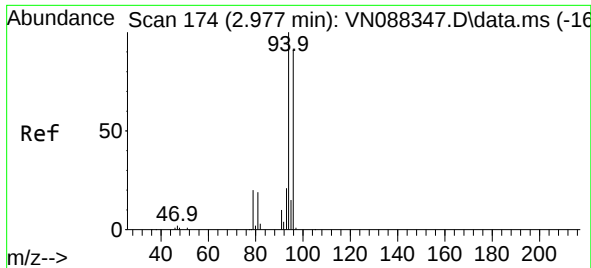


#4
Vinyl Chloride
Concen: 42.929 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



Tgt Ion: 62 Resp: 183807
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.2





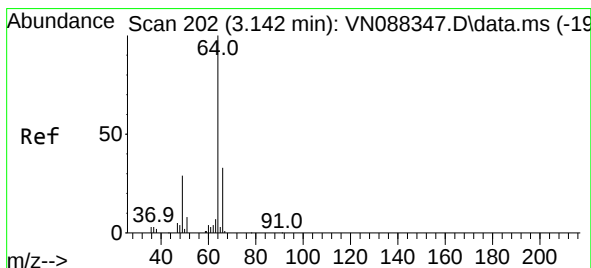
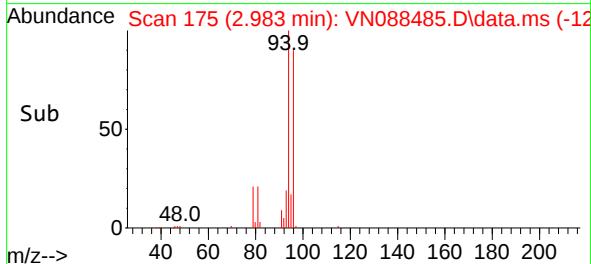
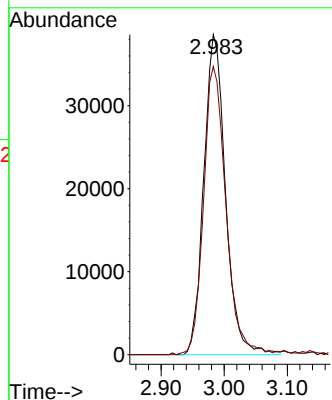
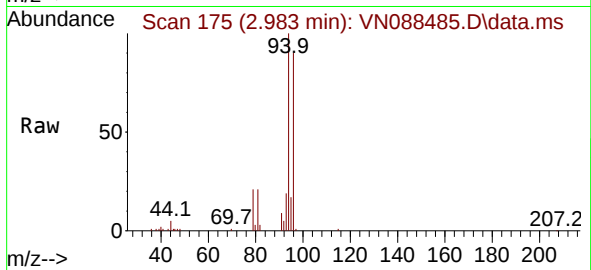
#5
Bromomethane
Concen: 44.772 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088485.D
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Instrument :
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Tgt Ion: 94 Resp: 9226
Ion Ratio Lower Upper
94 100
96 89.7 73.2 109.8

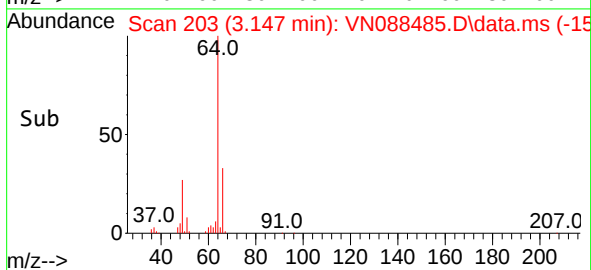
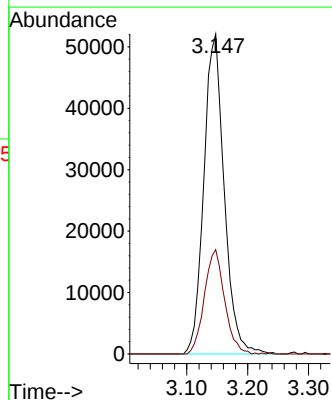
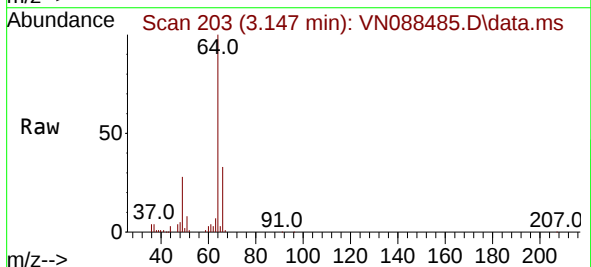
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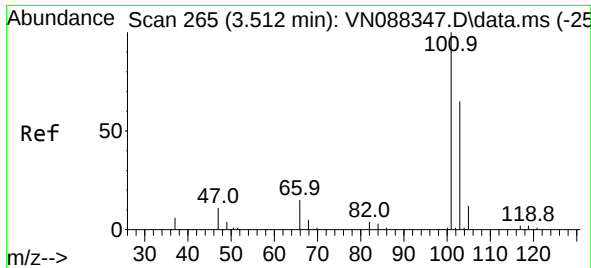
Reviewed By :John Carlone 12/10/2025
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#6
Chloroethane
Concen: 45.718 ug/l
RT: 3.147 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088485.D
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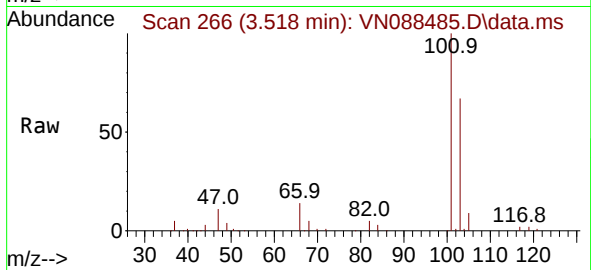
Tgt Ion: 64 Resp: 121137
Ion Ratio Lower Upper
64 100
66 32.6 26.4 39.6





#7
Trichlorofluoromethane
Concen: 44.320 ug/l
RT: 3.518 min Scan# 266
Delta R.T. 0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

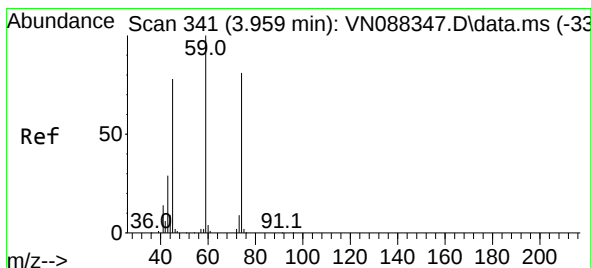
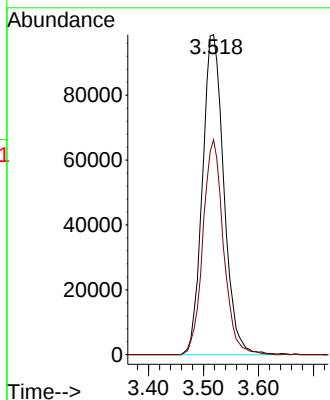
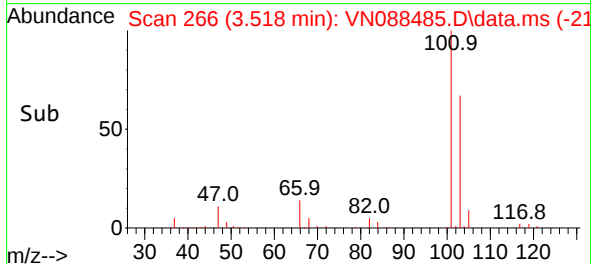
Instrument :
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Tgt Ion:101 Resp: 266709
Ion Ratio Lower Upper
101 100
103 67.2 52.3 78.5

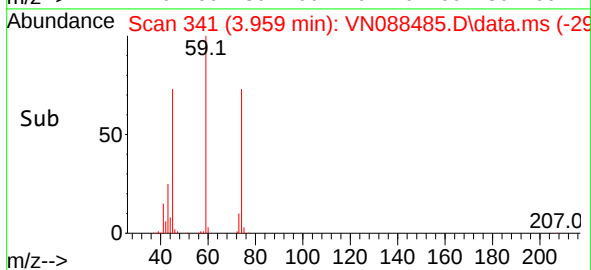
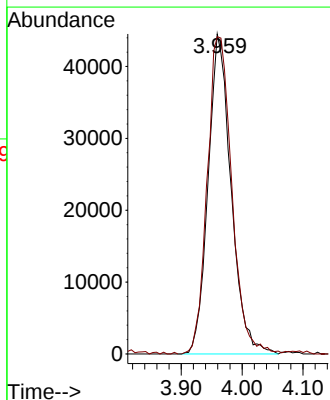
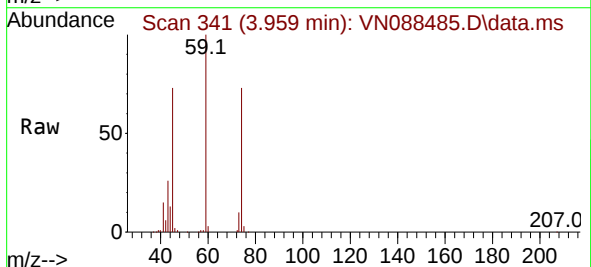
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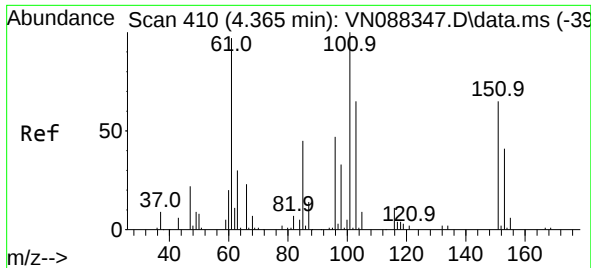
Reviewed By :John Carlone 12/10/2025
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#8
Diethyl Ether
Concen: 51.586 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
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Acq: 09 Dec 2025 17:23

Tgt Ion: 74 Resp: 116516
Ion Ratio Lower Upper
74 100
45 106.3 54.2 162.6





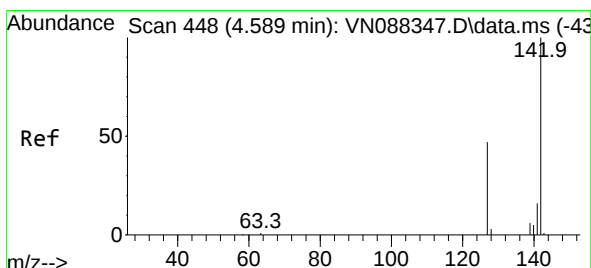
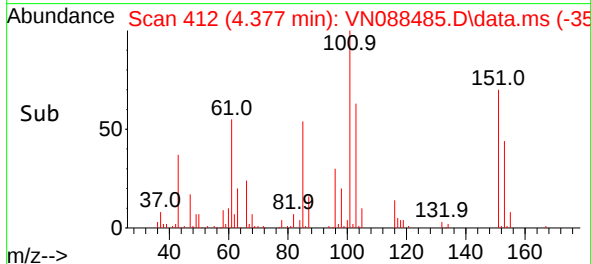
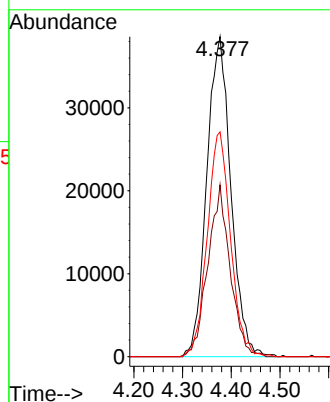
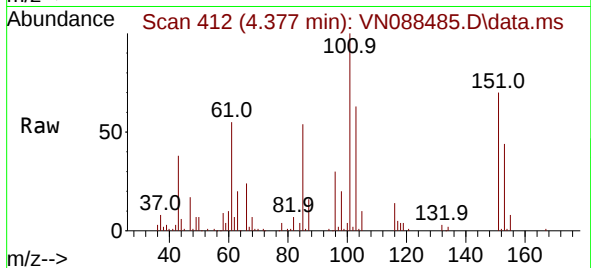
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.443 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 132769
Ion Ratio Lower Upper
101 100
85 49.7 39.2 58.8
151 67.7 53.6 80.4

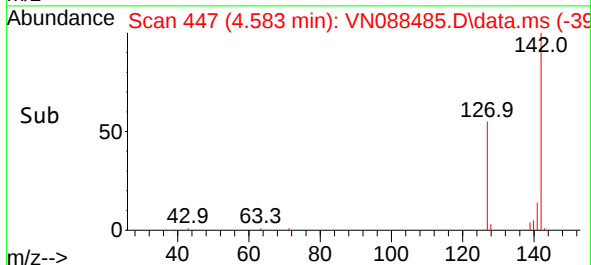
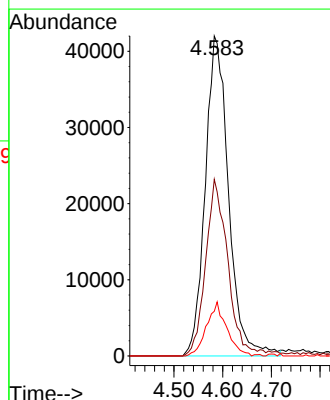
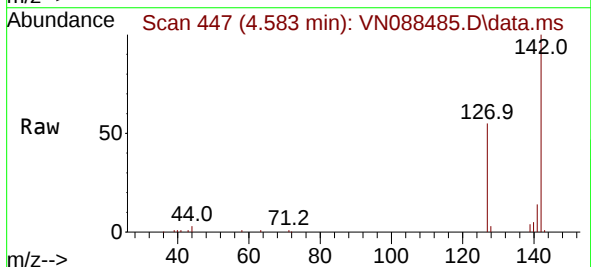
Manual Integrations
APPROVED

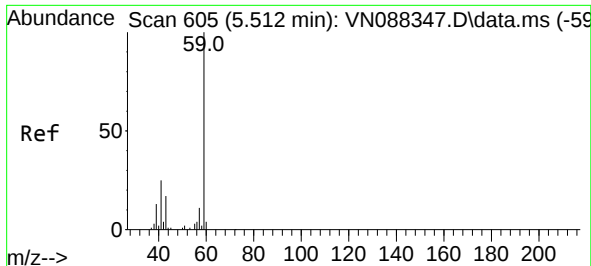
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#10
Methyl Iodide
Concen: 43.961 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

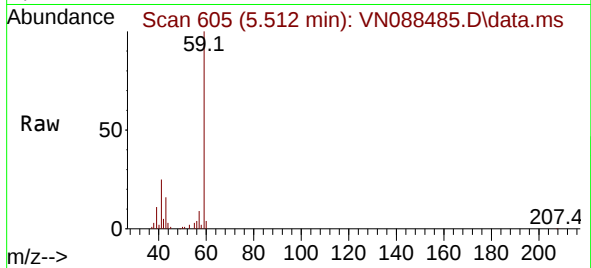
Tgt Ion:142 Resp: 139420
Ion Ratio Lower Upper
142 100
127 55.2 37.9 56.9
141 14.0 12.4 18.6





#11
Tert butyl alcohol
Concen: 206.661 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

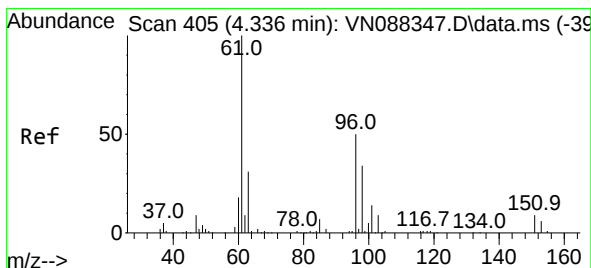
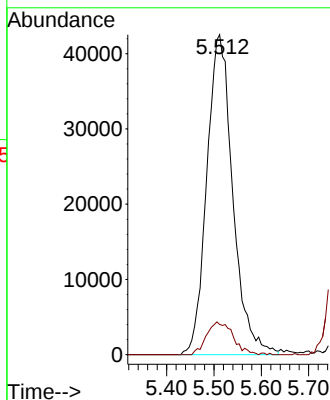
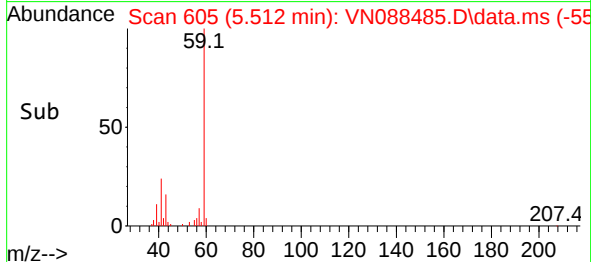
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



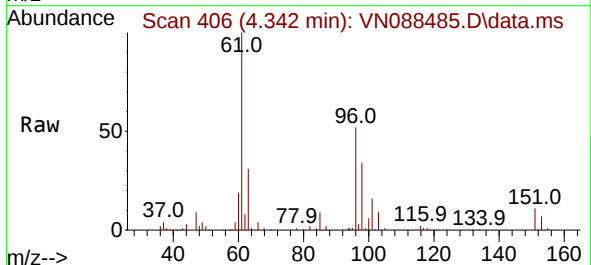
Tgt Ion: 59 Resp: 16216
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

Manual Integrations
APPROVED

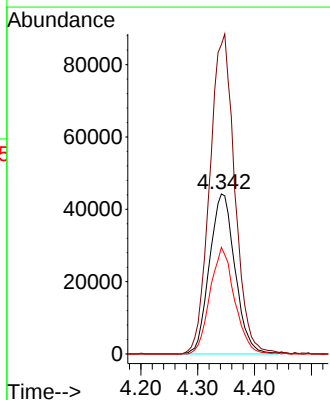
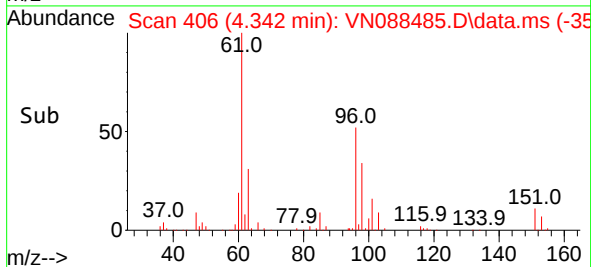
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

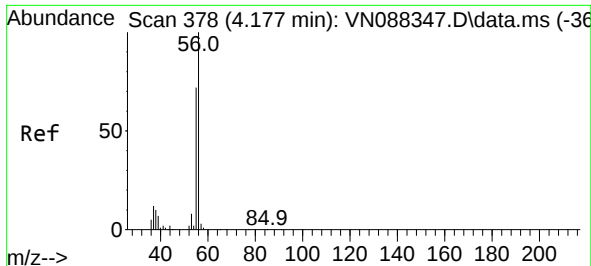


#12
1,1-Dichloroethene
Concen: 43.466 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



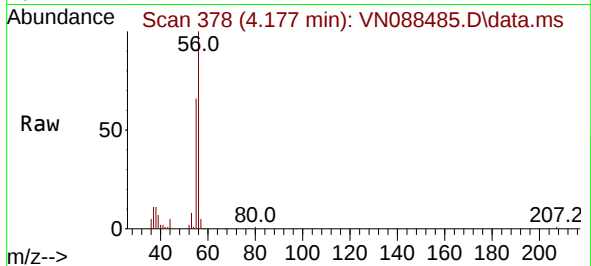
Tgt Ion: 96 Resp: 138352
Ion Ratio Lower Upper
96 100
61 193.3 159.1 238.7
98 66.6 53.7 80.5





#13
Acrolein
Concen: 203.393 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

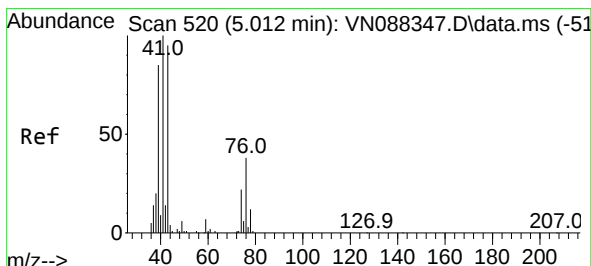
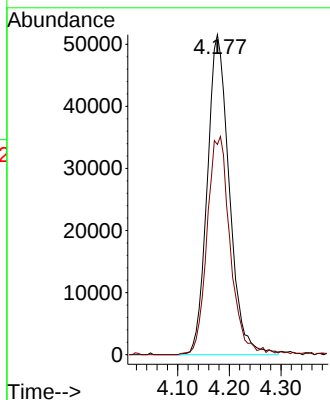
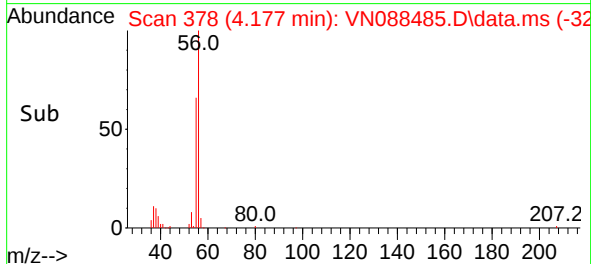
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



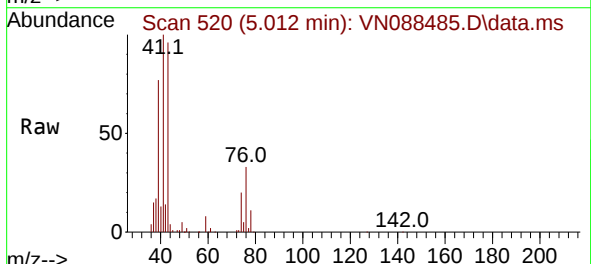
Tgt Ion: 56 Resp: 15279
Ion Ratio Lower Upper
56 100
55 70.8 56.3 84.5

Manual Integrations
APPROVED

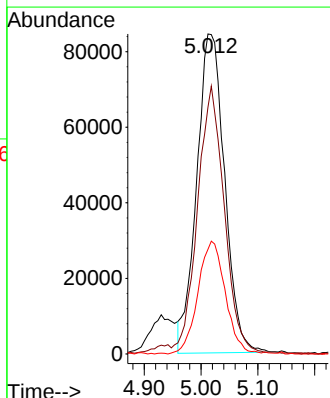
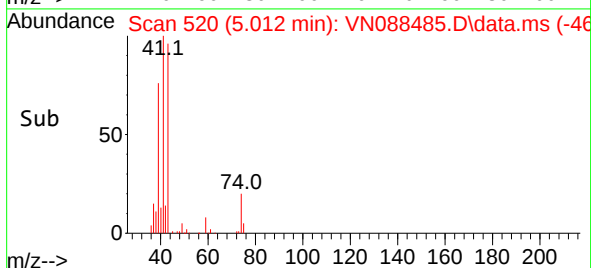
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#14
Allyl chloride
Concen: 48.847 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



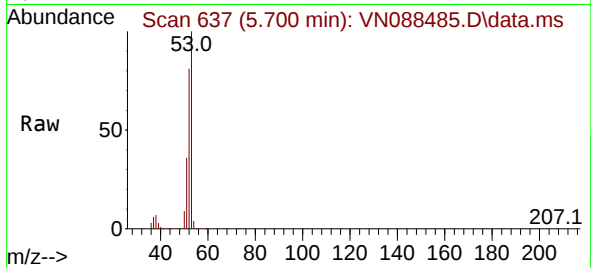
Tgt Ion: 41 Resp: 288177
Ion Ratio Lower Upper
41 100
39 80.6 64.7 97.1
76 34.7 29.1 43.7





#15
Acrylonitrile
Concen: 244.853 ug/l
RT: 5.700 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

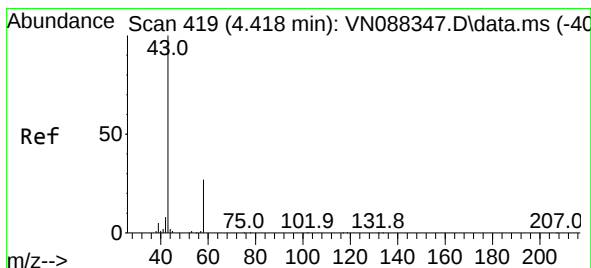
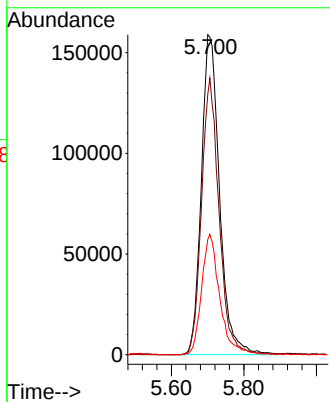
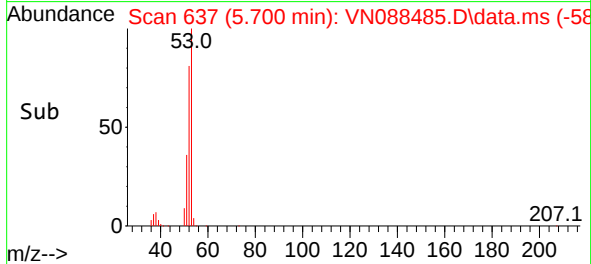
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 554328
Ion Ratio Lower Upper
53 100
52 83.0 67.8 101.6
51 37.4 29.8 44.8

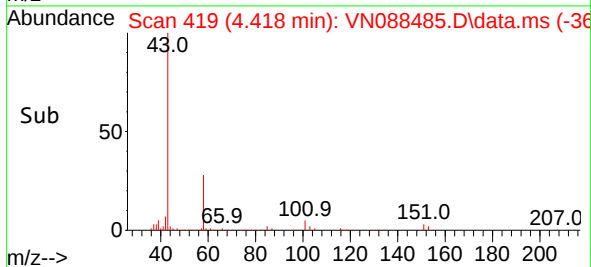
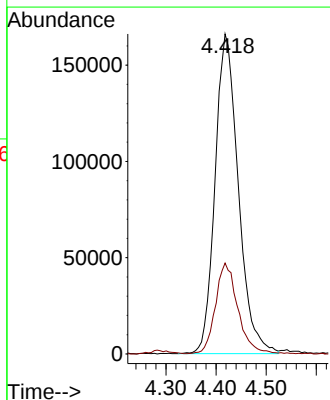
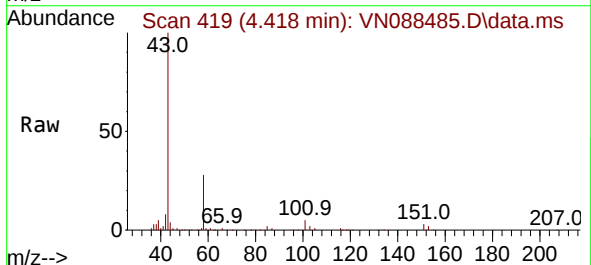
Manual Integrations
APPROVED

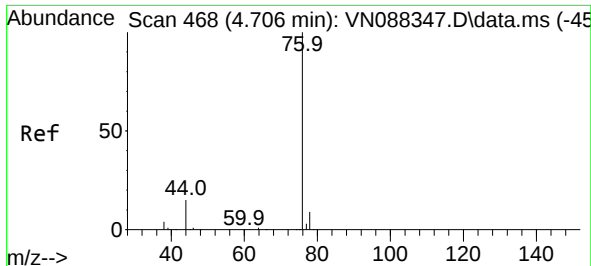
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#16
Acetone
Concen: 300.598 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

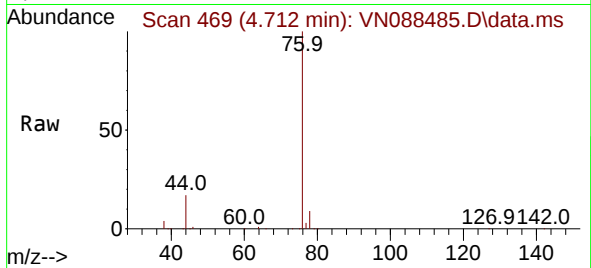
Tgt Ion: 43 Resp: 534293
Ion Ratio Lower Upper
43 100
58 28.1 21.7 32.5





#17
Carbon Disulfide
Concen: 41.367 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

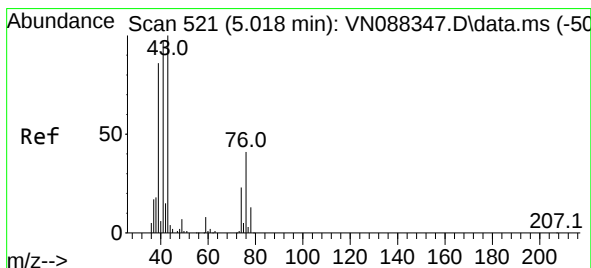
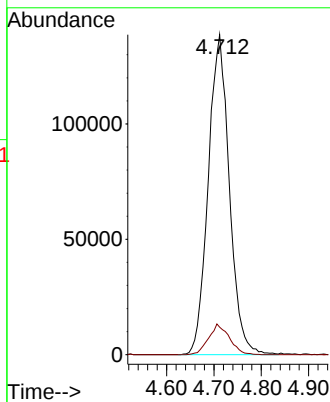
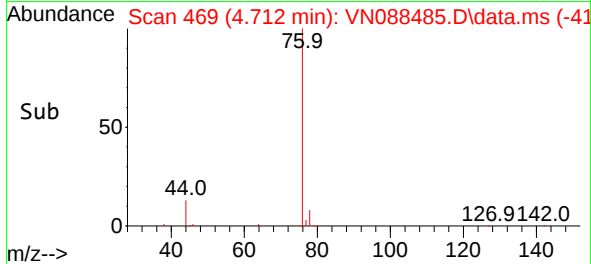
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 430270
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4

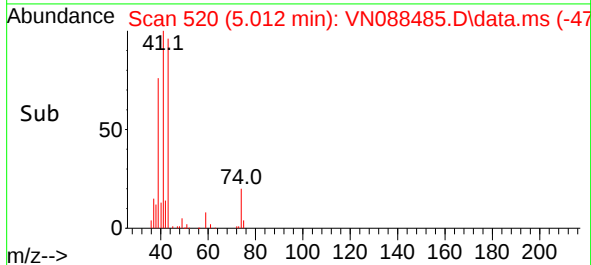
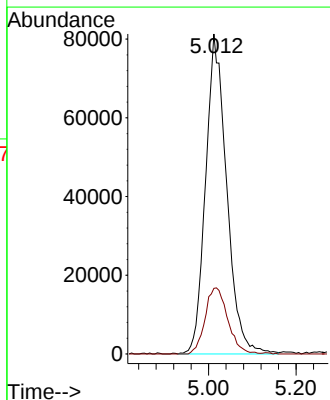
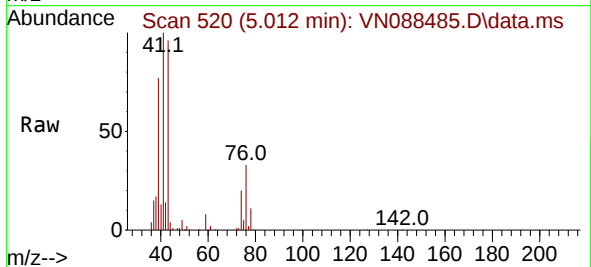
Manual Integrations
APPROVED

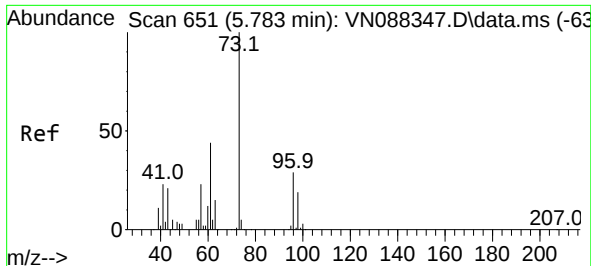
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#18
Methyl Acetate
Concen: 51.488 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

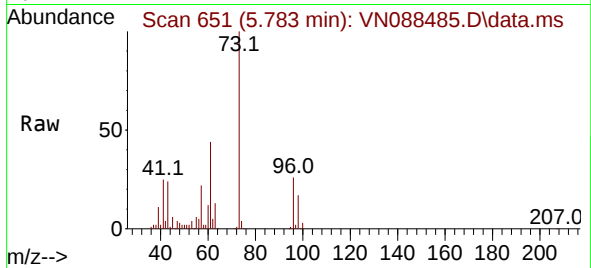
Tgt Ion: 43 Resp: 272415
Ion Ratio Lower Upper
43 100
74 22.2 17.9 26.9





#19
Methyl tert-butyl Ether
Concen: 54.188 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

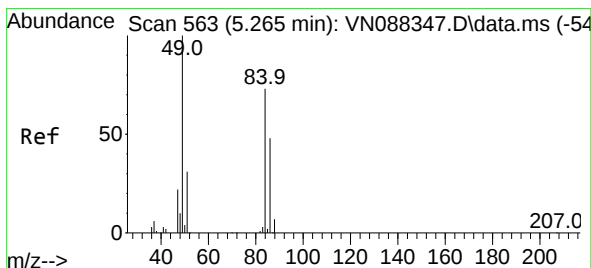
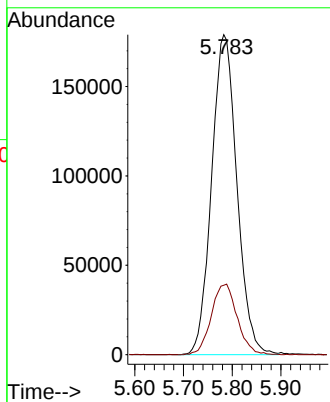
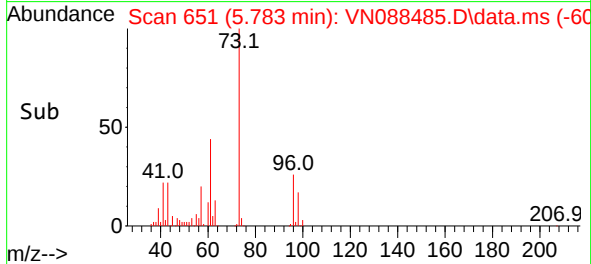
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 646219
Ion Ratio Lower Upper
73 100
57 21.7 18.6 28.0

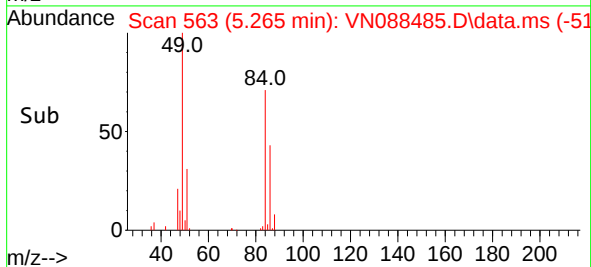
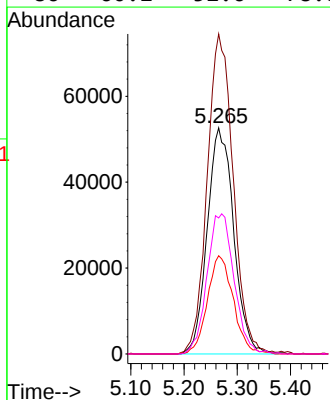
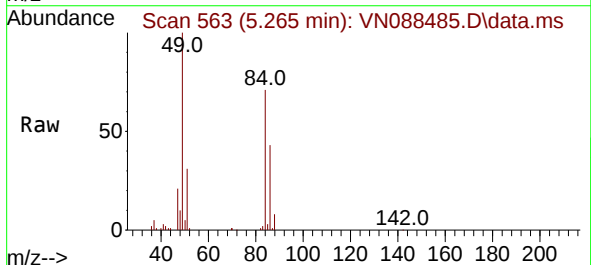
Manual Integrations
APPROVED

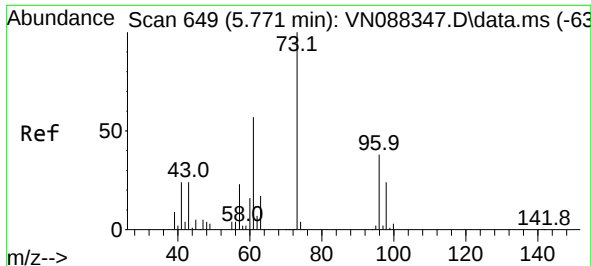
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#20
Methylene Chloride
Concen: 47.798 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

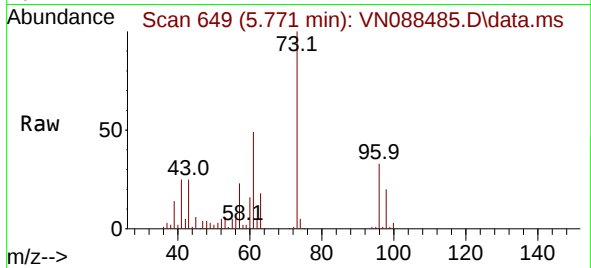
Tgt Ion: 84 Resp: 181770
Ion Ratio Lower Upper
84 100
49 141.6 110.2 165.2
51 43.5 34.1 51.1
86 60.2 52.6 78.8





#21
trans-1,2-Dichloroethene
Concen: 45.904 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

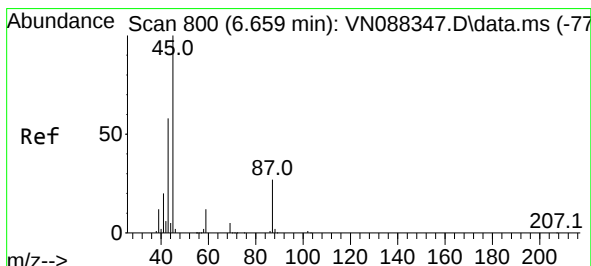
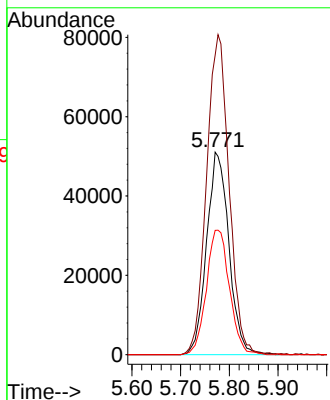
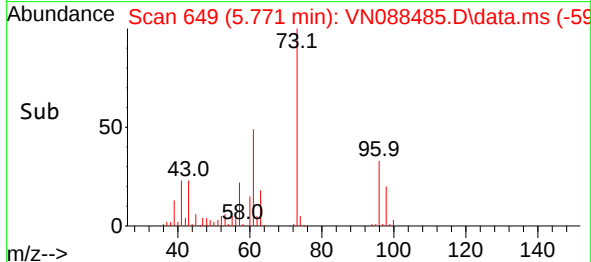
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 16185
Ion Ratio Lower Upper
96 100
61 147.9 122.4 183.6
98 61.4 50.9 76.3

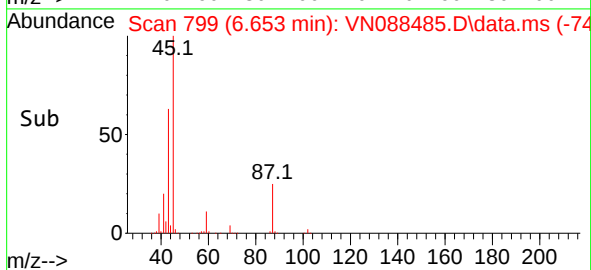
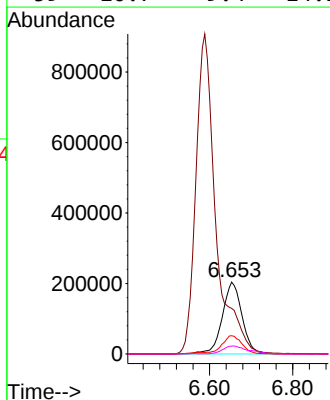
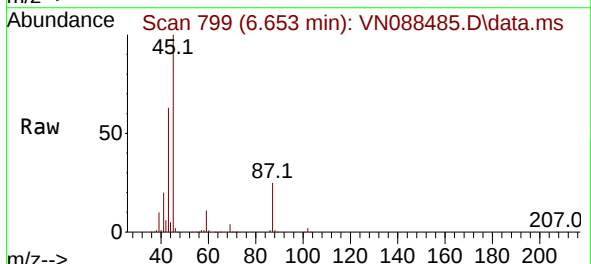
Manual Integrations
APPROVED

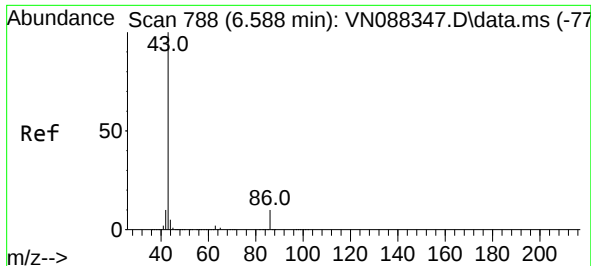
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#22
Diisopropyl ether
Concen: 53.227 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

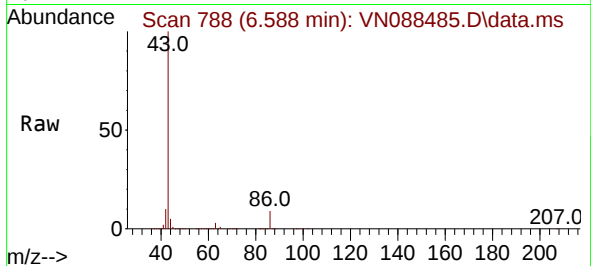
Tgt Ion: 45 Resp: 670413
Ion Ratio Lower Upper
45 100
43 62.5 47.4 71.2
87 25.3 21.9 32.9
59 10.7 9.4 14.2





#23
 Vinyl Acetate
 Concen: 297.833 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN088485.D
 Acq: 09 Dec 2025 17:23

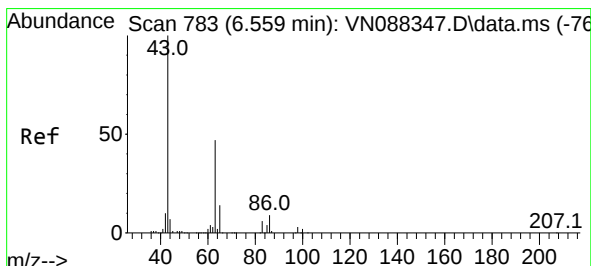
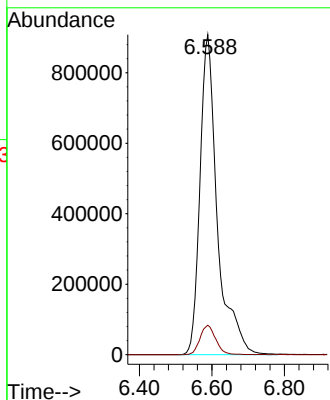
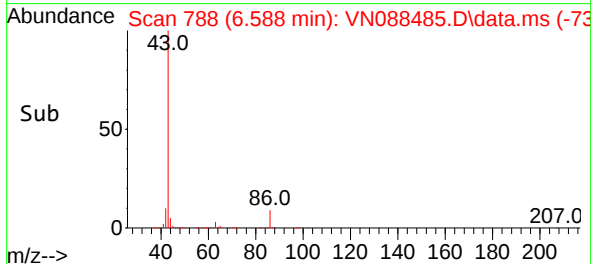
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



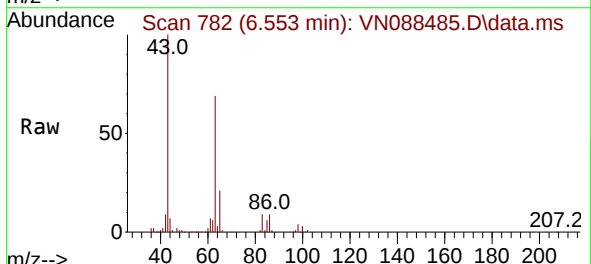
Tgt Ion: 43 Resp: 302236
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.8 11.8

Manual Integrations
 APPROVED

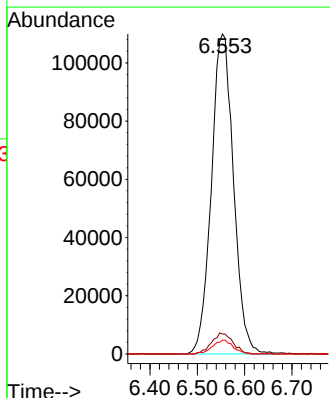
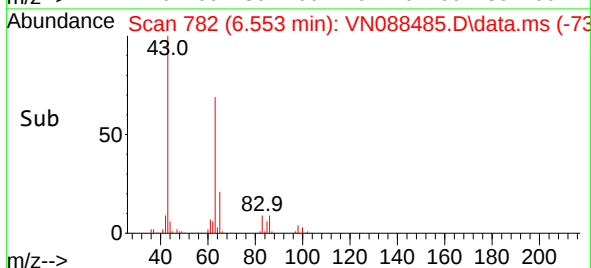
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025

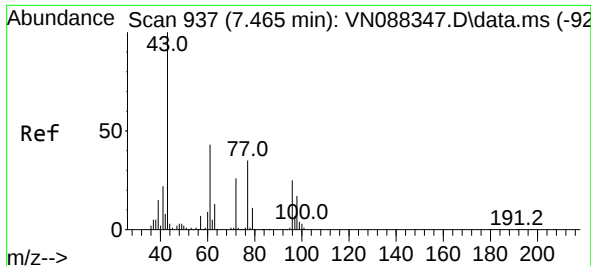


#24
 1,1-Dichloroethane
 Concen: 50.019 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088485.D
 Acq: 09 Dec 2025 17:23



Tgt Ion: 63 Resp: 356776
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 4.3 1.9 5.7





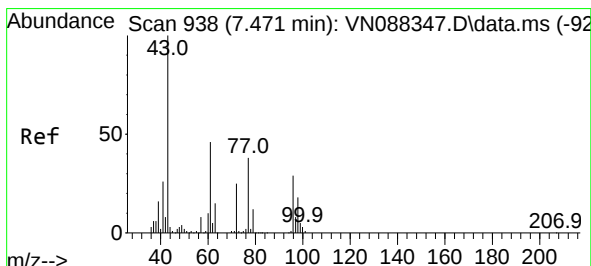
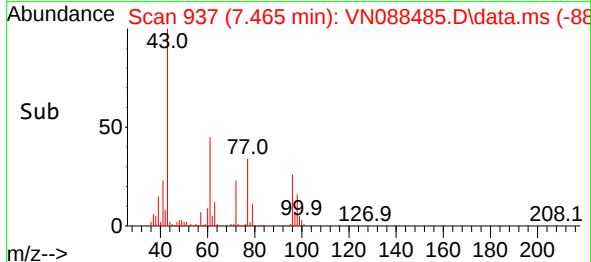
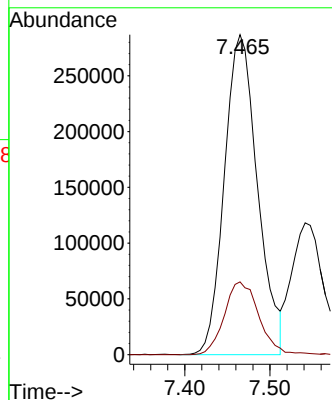
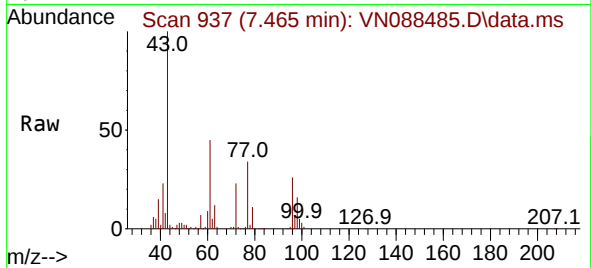
#25
2-Butanone
Concen: 271.989 ug/l
RT: 7.465 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 777192
Ion Ratio Lower Upper
43 100
72 22.7 20.5 30.7

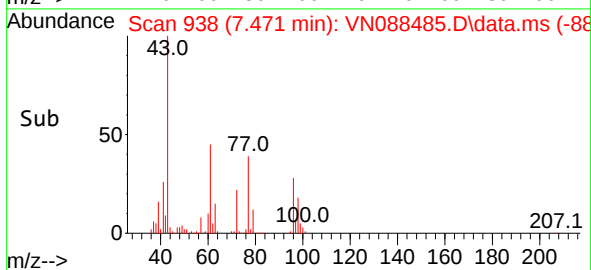
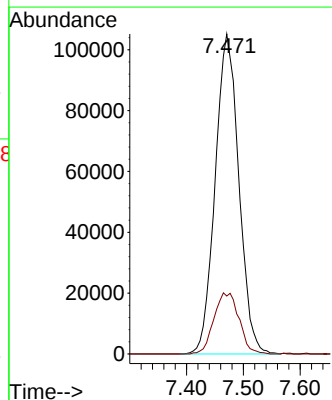
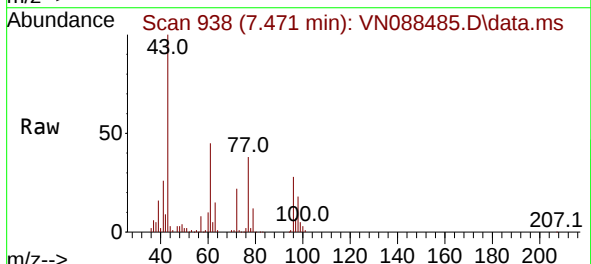
Manual Integrations
APPROVED

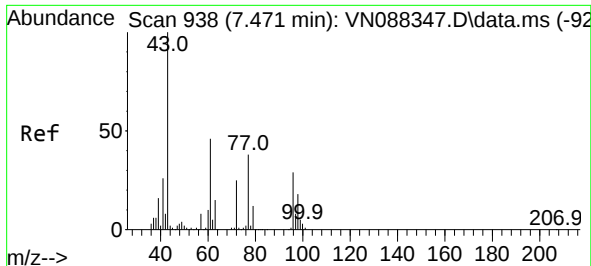
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#26
2,2-Dichloropropane
Concen: 49.357 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

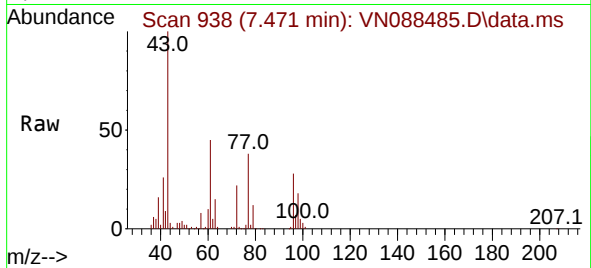
Tgt Ion: 77 Resp: 303879
Ion Ratio Lower Upper
77 100
97 20.3 10.3 30.9





#27
cis-1,2-Dichloroethene
Concen: 50.608 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

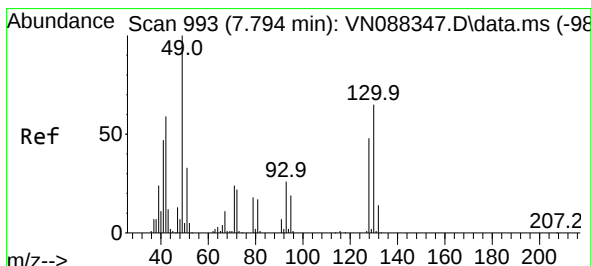
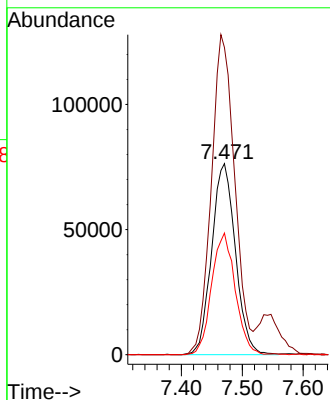
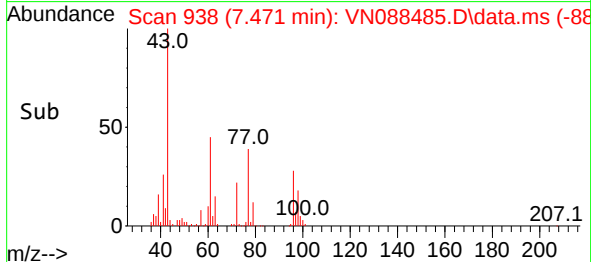
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 207378
Ion Ratio Lower Upper
96 100
61 164.7 0.0 323.6
98 63.1 0.0 127.2

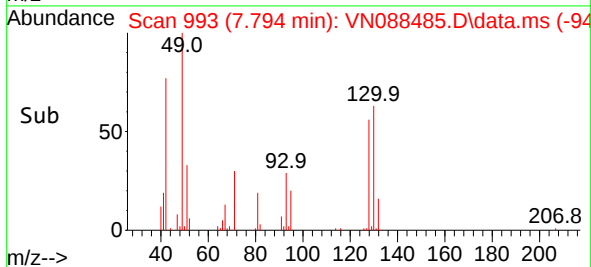
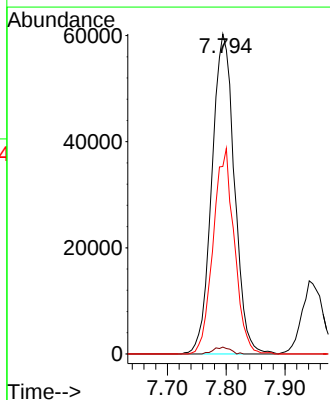
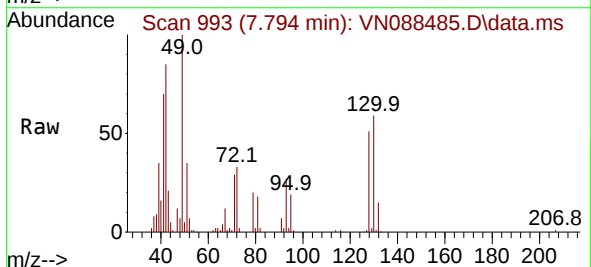
Manual Integrations
APPROVED

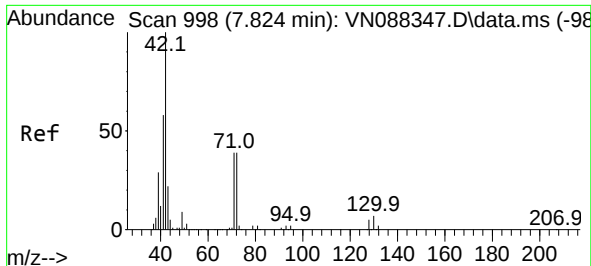
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#28
Bromochloromethane
Concen: 45.287 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

Tgt Ion: 49 Resp: 160916
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 60.2 51.1 76.7





#29

Tetrahydrofuran

Concen: 253.479 ug/l

RT: 7.818 min Scan# 998

Delta R.T. -0.006 min

Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

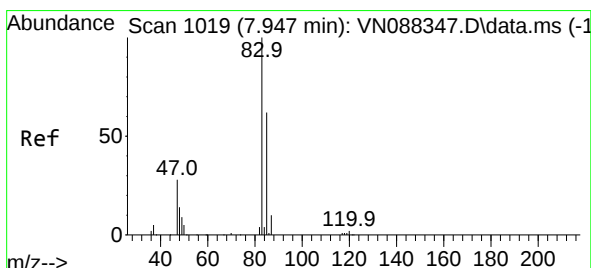
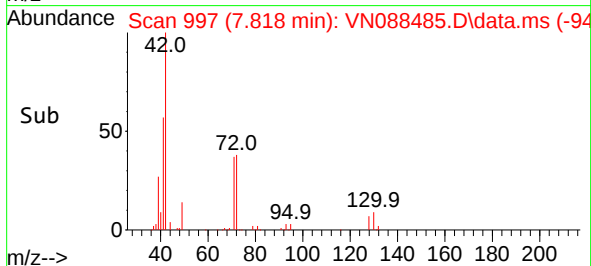
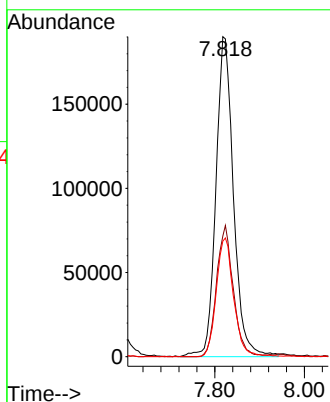
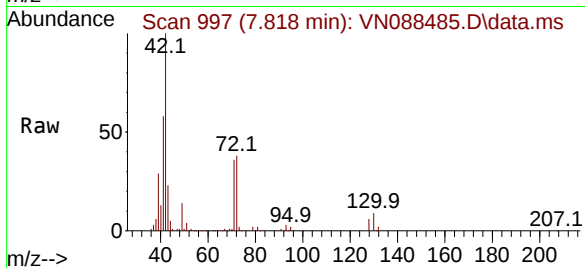
Tgt Ion:	42	Resp:	519519
Ion Ratio	Lower	Upper	
42	100		
72	39.0	32.2	48.4
71	36.7	31.1	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#30

Chloroform

Concen: 51.078 ug/l

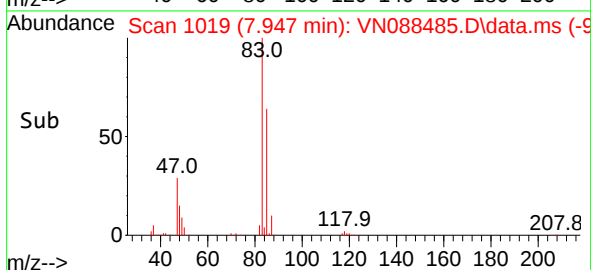
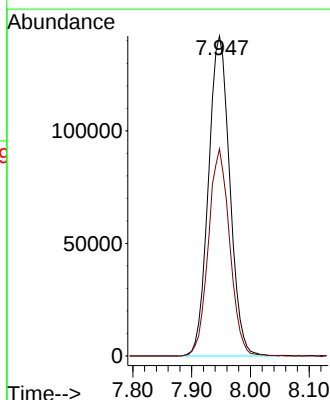
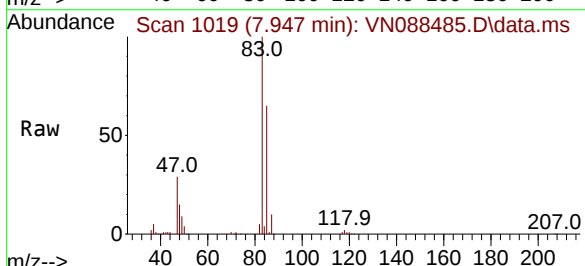
RT: 7.947 min Scan# 1019

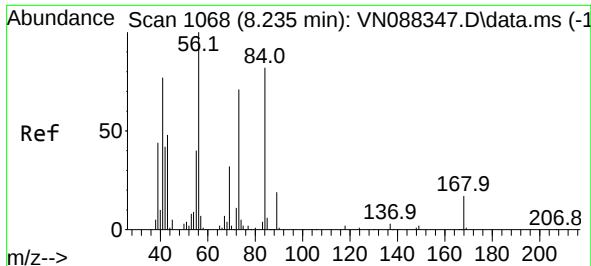
Delta R.T. 0.000 min

Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

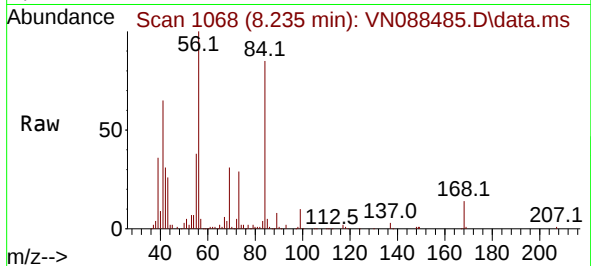
Tgt Ion:	83	Resp:	357992
Ion Ratio	Lower	Upper	
83	100		
85	64.7	49.8	74.8





#31
Cyclohexane
Concen: 40.440 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

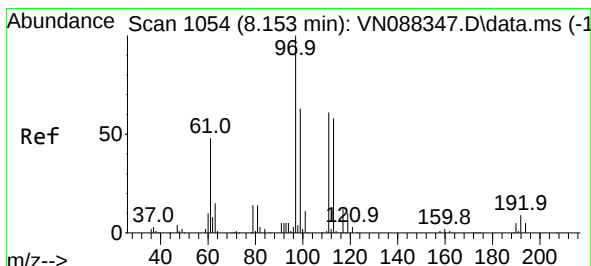
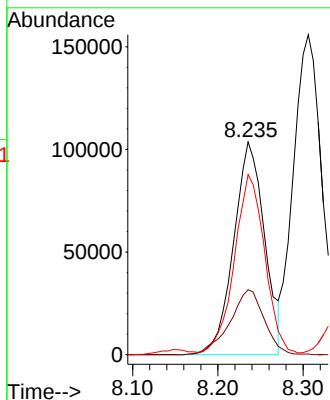
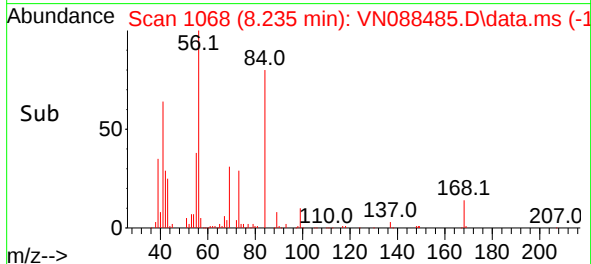
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 26139
Ion Ratio Lower Upper
56 100
69 30.5 25.3 37.9
84 82.3 65.4 98.2

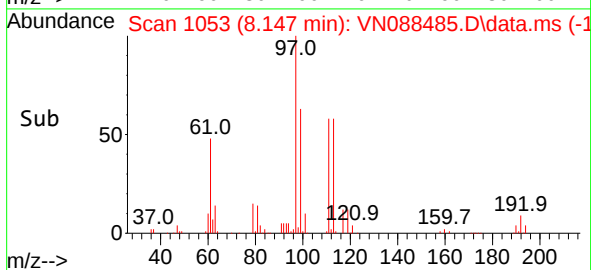
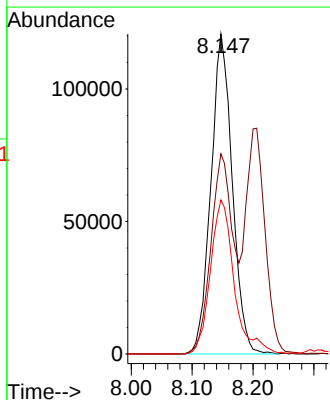
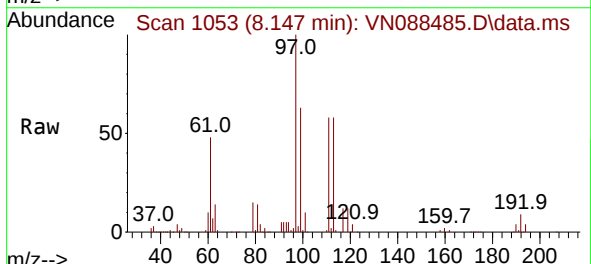
Manual Integrations
APPROVED

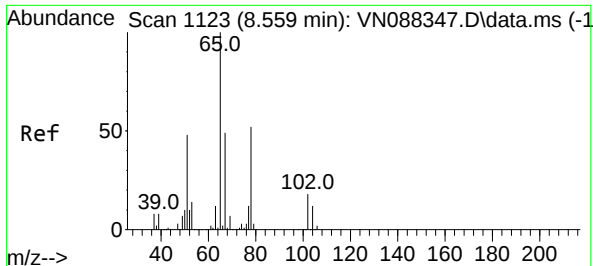
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#32
1,1,1-Trichloroethane
Concen: 47.743 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

Tgt Ion: 97 Resp: 294214
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 53.7 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 51.449 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 25285

Ion Ratio Lower Upper

65 100

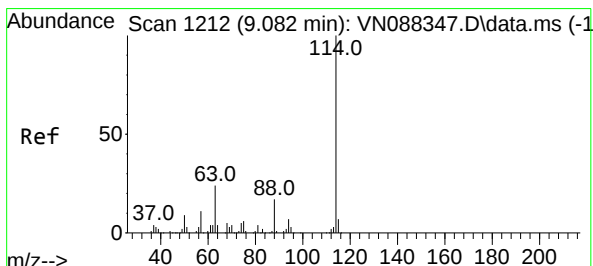
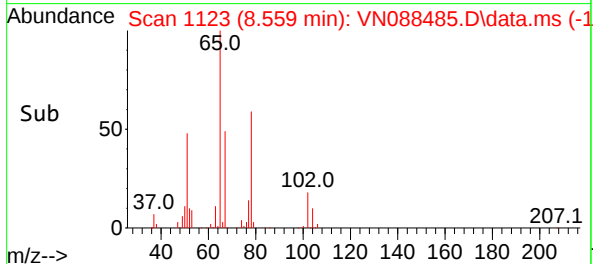
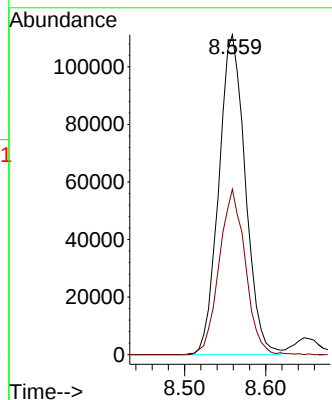
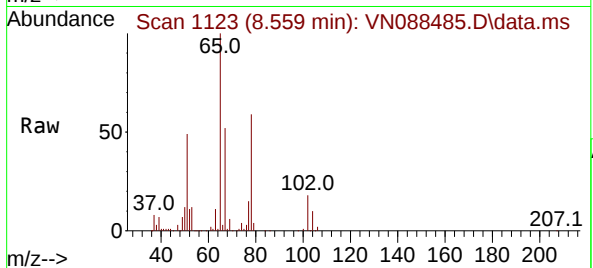
67 50.9 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

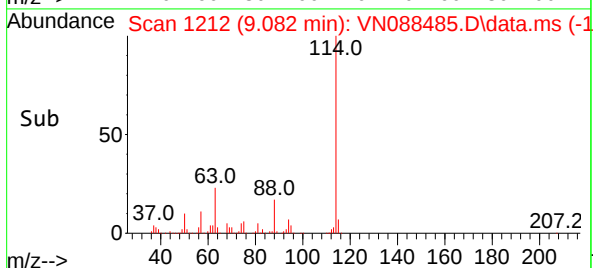
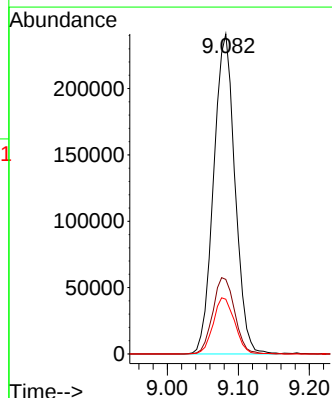
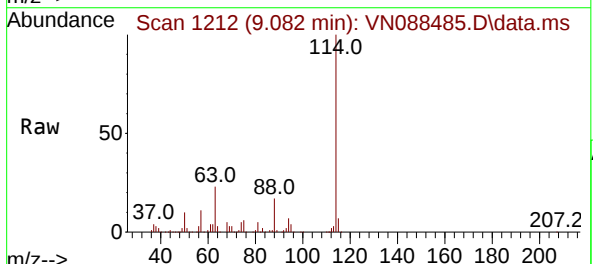
Tgt Ion:114 Resp: 501407

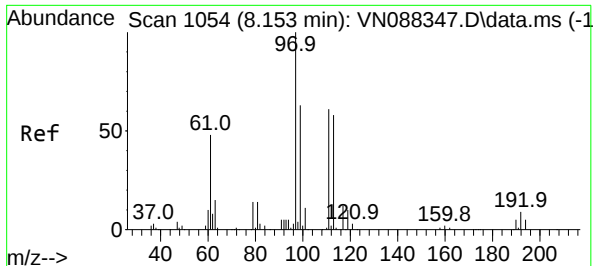
Ion Ratio Lower Upper

114 100

63 23.3 0.0 49.0

88 17.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 48.850 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 16974

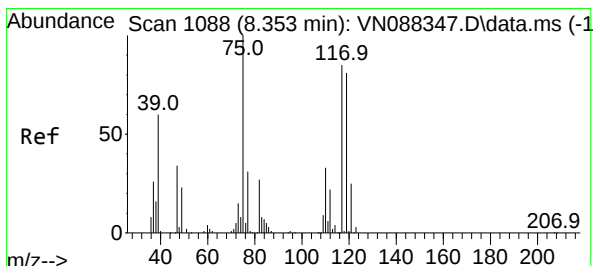
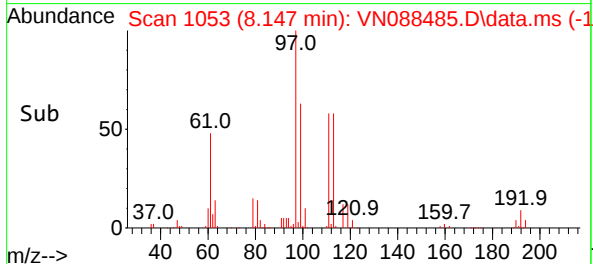
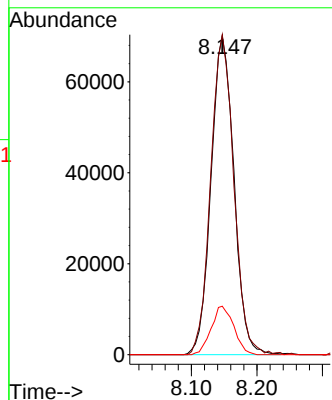
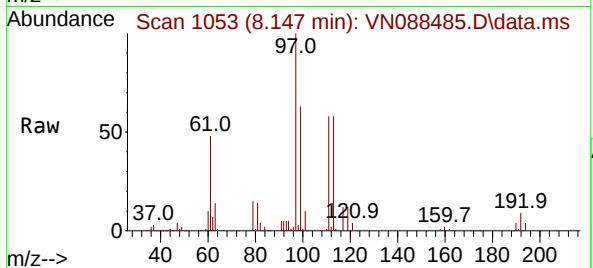
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.5	123.7
192	15.0	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#36

1,1-Dichloropropene

Concen: 42.469 ug/l

RT: 8.353 min Scan# 1088

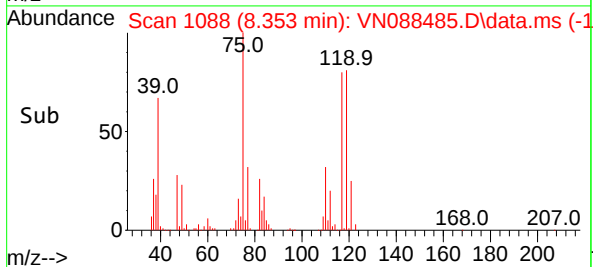
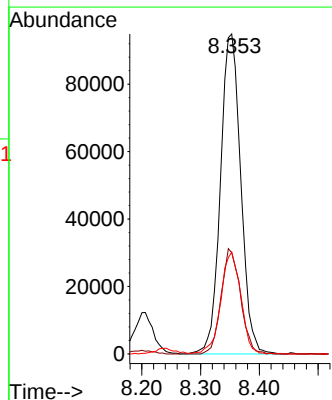
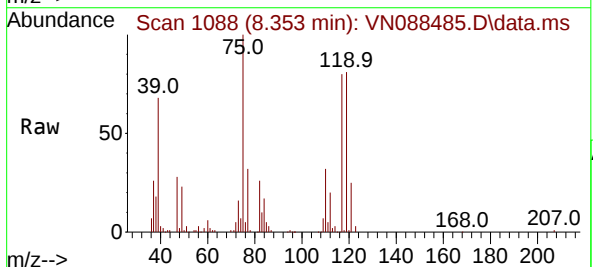
Delta R.T. 0.000 min

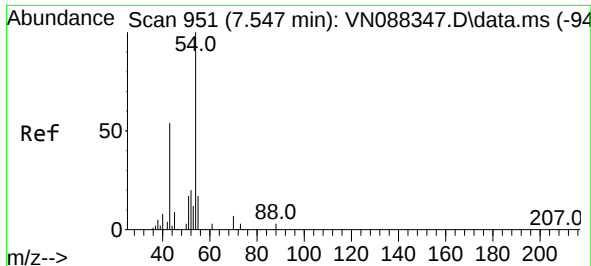
Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

Tgt Ion: 75 Resp: 227744

Ion	Ratio	Lower	Upper
75	100		
110	31.2	15.8	47.4
77	31.4	24.2	36.2





#37

Ethyl Acetate

Concen: 45.993 ug/l

RT: 7.541 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 324308

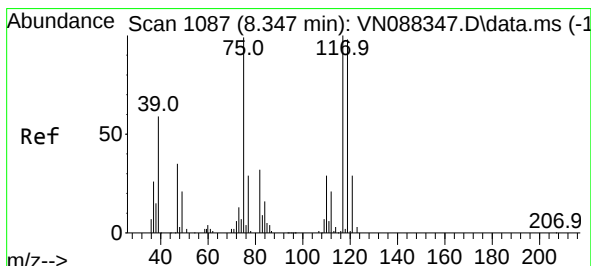
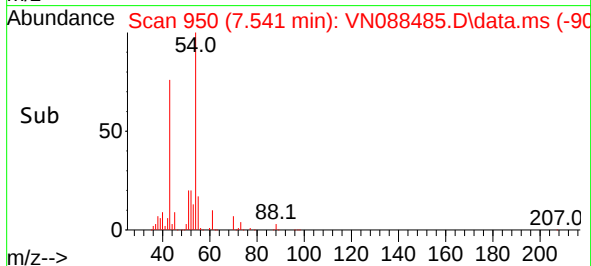
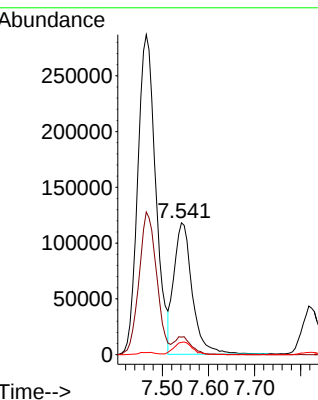
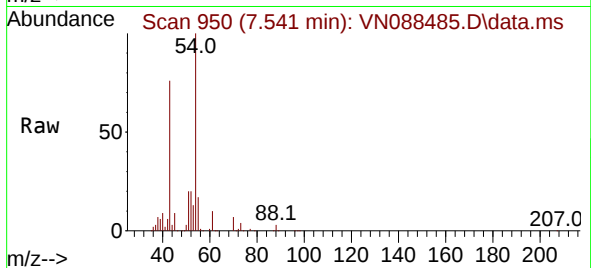
Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.5	14.3
70	9.3	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#38

Carbon Tetrachloride

Concen: 44.894 ug/l

RT: 8.341 min Scan# 1086

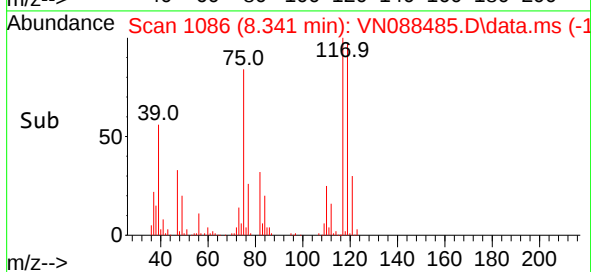
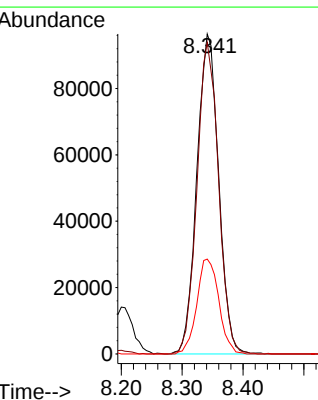
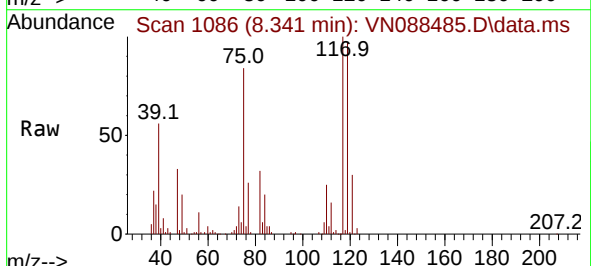
Delta R.T. -0.006 min

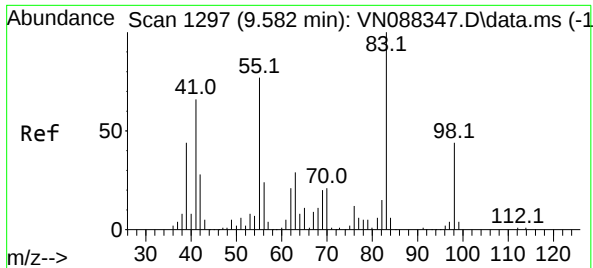
Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

Tgt Ion:117 Resp: 239661

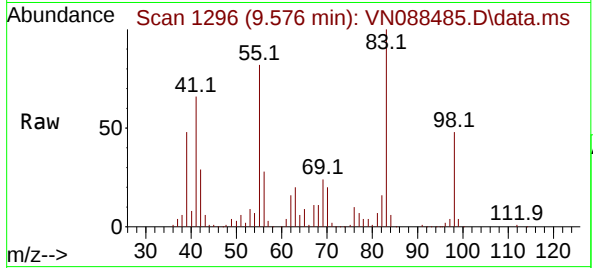
Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.2	117.4
121	29.7	23.4	35.2





#39
Methylcyclohexane
Concen: 38.955 ug/l
RT: 9.576 min Scan# 11296
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

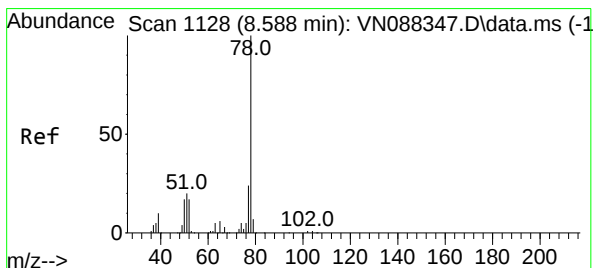
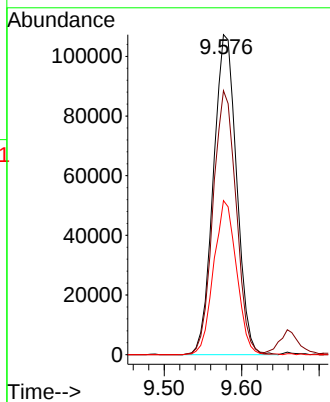
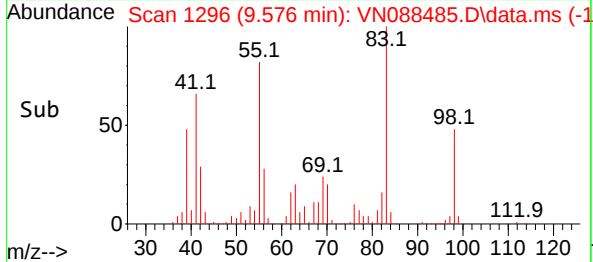
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 22344
Ion Ratio Lower Upper
83 100
55 82.5 61.6 92.4
98 48.1 35.3 52.9

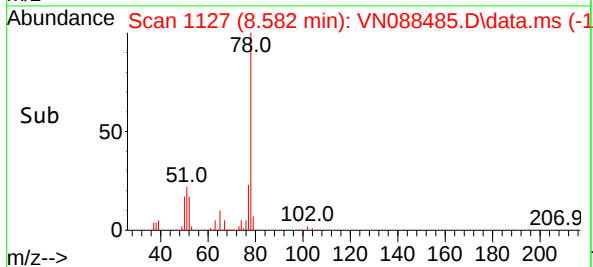
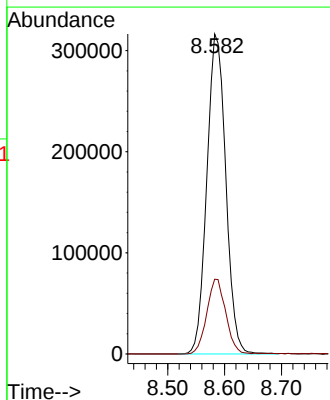
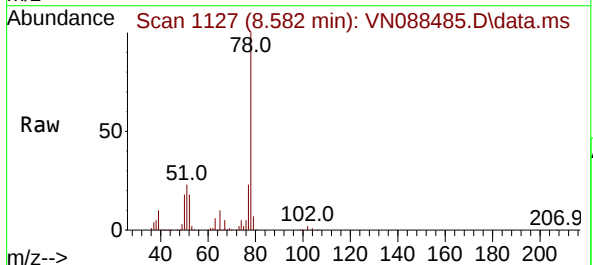
Manual Integrations
APPROVED

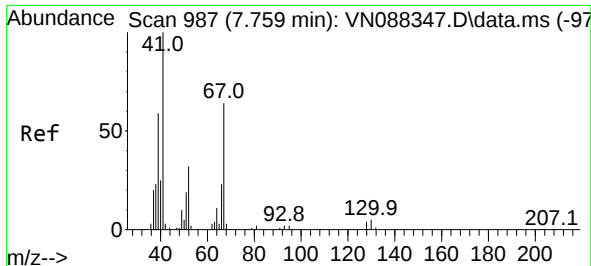
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#40
Benzene
Concen: 46.421 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

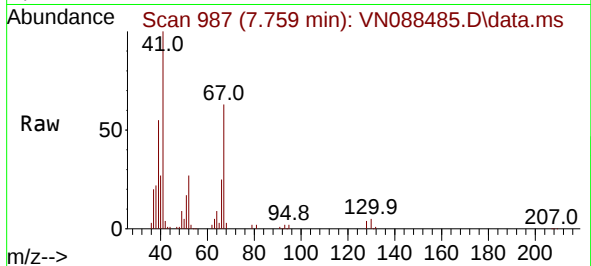
Tgt Ion: 78 Resp: 730636
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 50.845 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

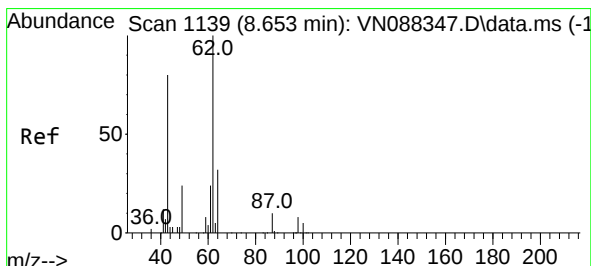
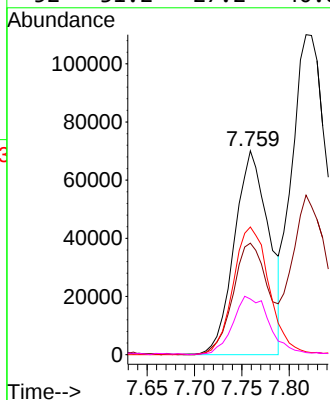
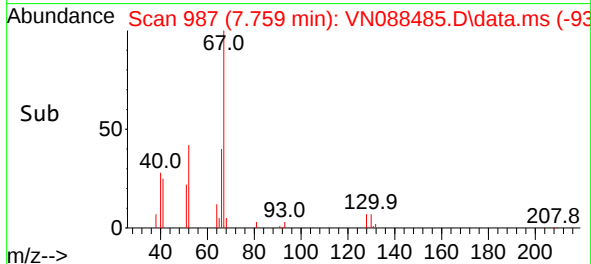
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 177569
Ion Ratio Lower Upper
41 100
39 56.3 46.3 69.5
67 66.0 54.7 82.1
52 31.2 27.2 40.8

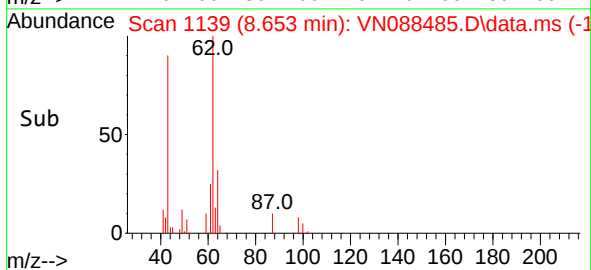
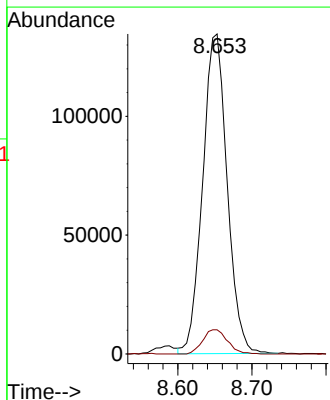
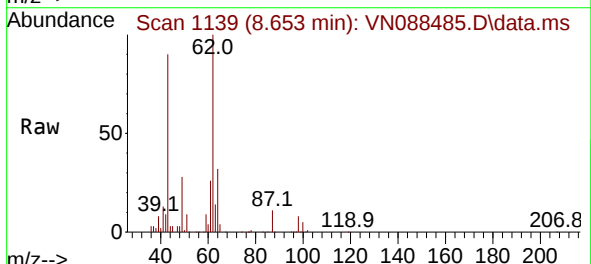
Manual Integrations
APPROVED

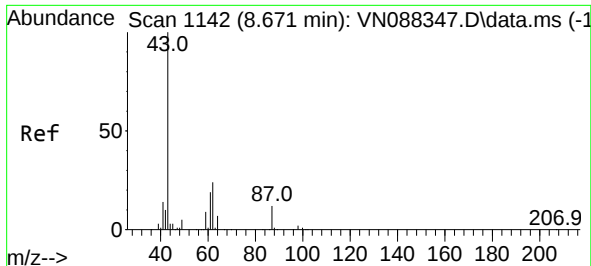
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#42
1,2-Dichloroethane
Concen: 51.424 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

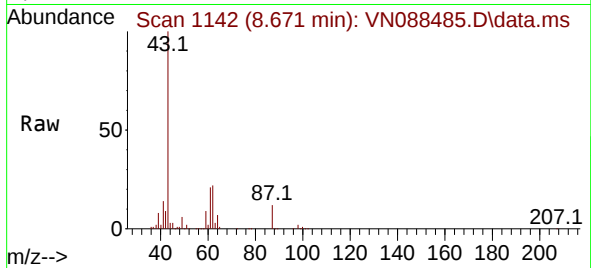
Tgt Ion: 62 Resp: 308801
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.2





#43
Isopropyl Acetate
Concen: 48.155 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

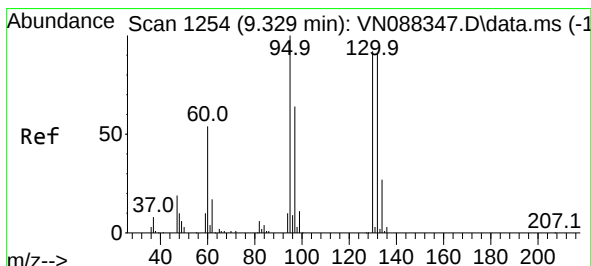
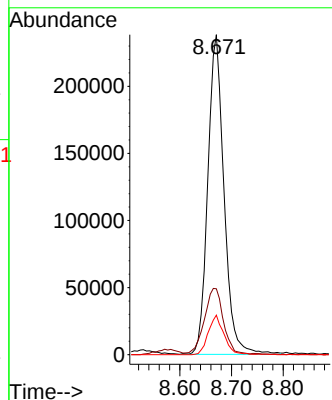
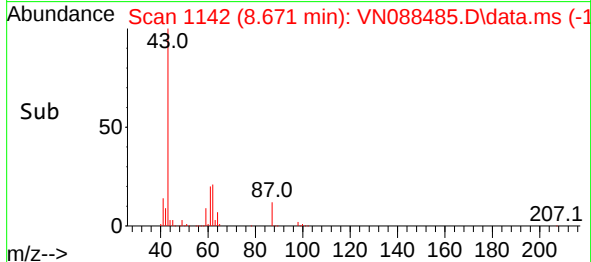
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 51878
Ion Ratio Lower Upper
43 100
61 23.9 18.7 28.1
87 11.9 9.1 13.7

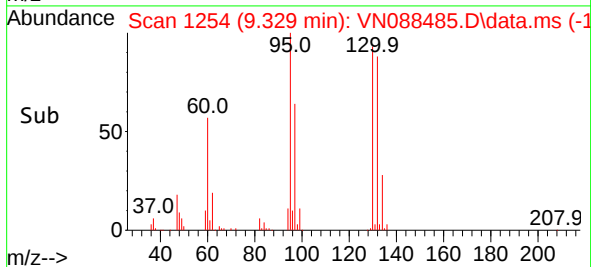
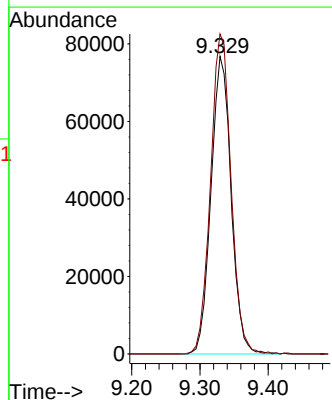
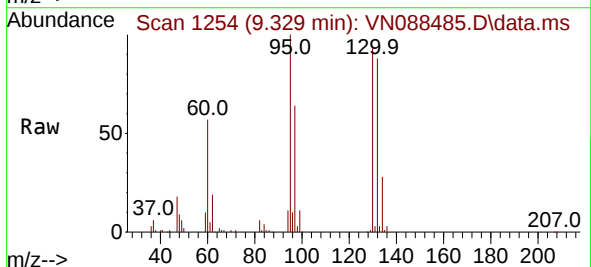
Manual Integrations
APPROVED

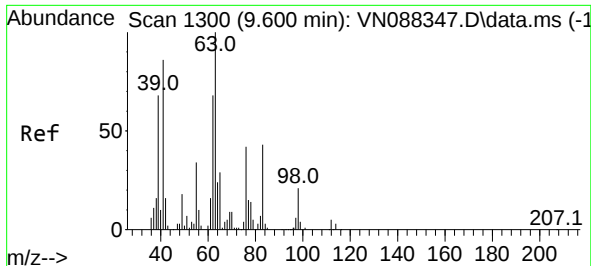
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#44
Trichloroethene
Concen: 42.368 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

Tgt Ion:130 Resp: 157565
Ion Ratio Lower Upper
130 100
95 107.5 0.0 217.0





#45

1,2-Dichloropropane

Concen: 48.124 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 194062

Ion Ratio Lower Upper

63 100

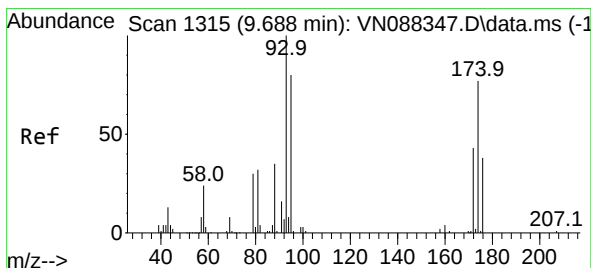
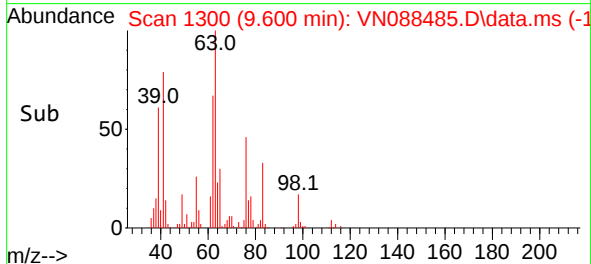
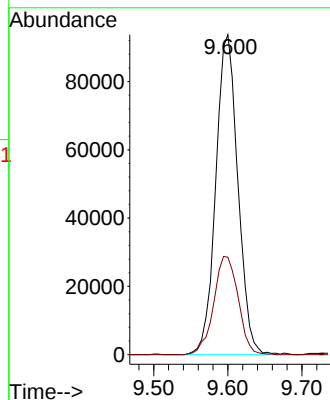
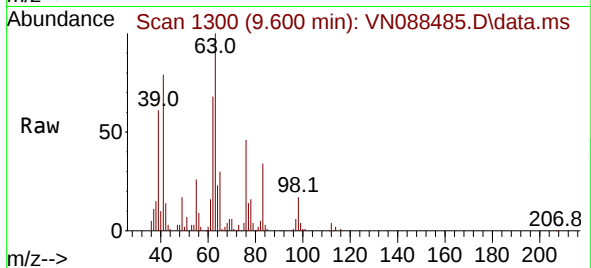
65 30.4 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#46

Dibromomethane

Concen: 48.183 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

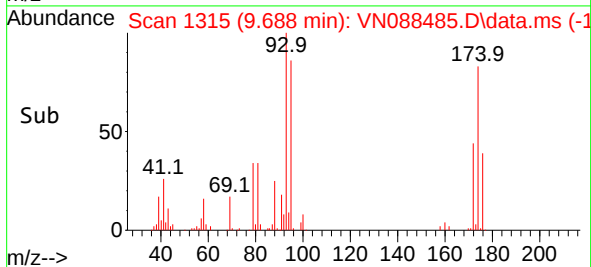
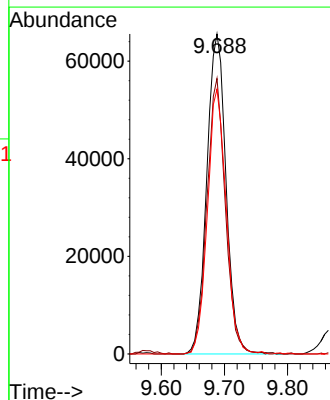
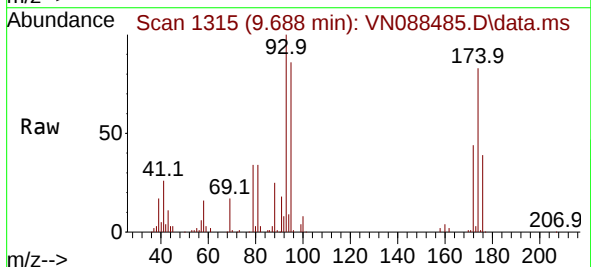
Tgt Ion: 93 Resp: 138665

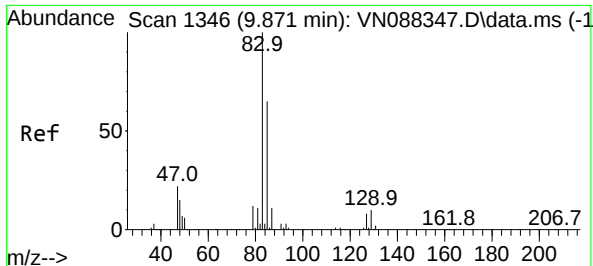
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.6

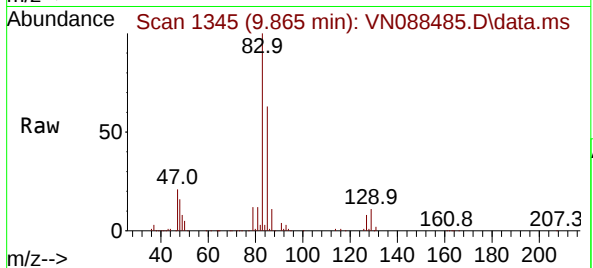
174 80.8 64.3 96.5





#47
Bromodichloromethane
Concen: 50.115 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

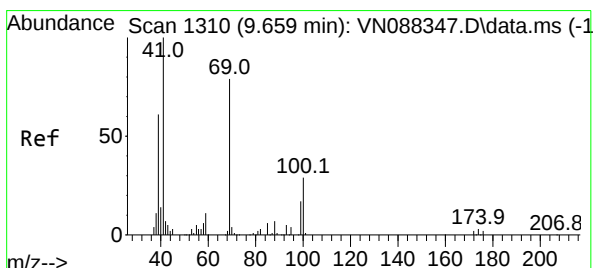
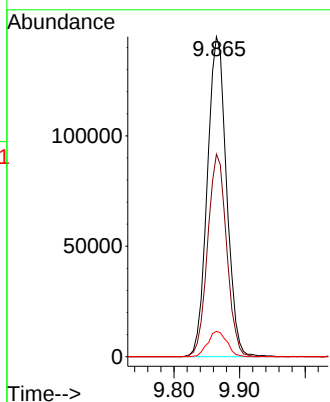
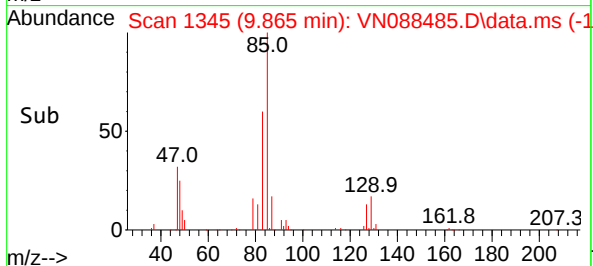
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



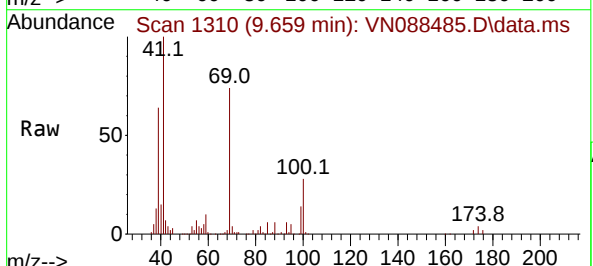
Tgt Ion: 83 Resp: 294275
Ion Ratio Lower Upper
83 100
85 63.3 51.9 77.9
127 7.9 6.3 9.5

Manual Integrations
APPROVED

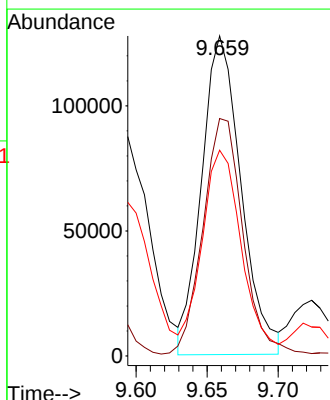
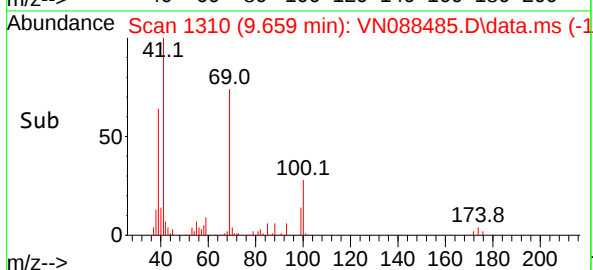
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

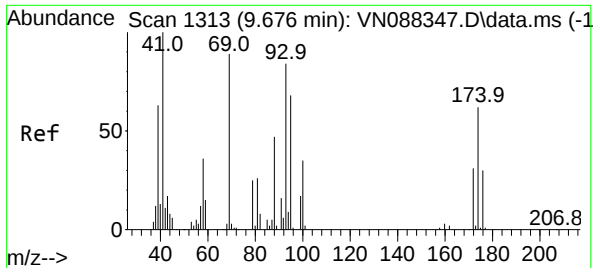


#48
Methyl methacrylate
Concen: 50.022 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



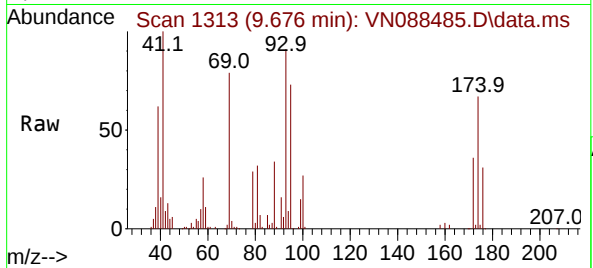
Tgt Ion: 41 Resp: 245883
Ion Ratio Lower Upper
41 100
69 75.9 62.4 93.6
39 65.3 52.6 79.0





#49
1,4-Dioxane
Concen: 708.543 ug/l
RT: 9.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

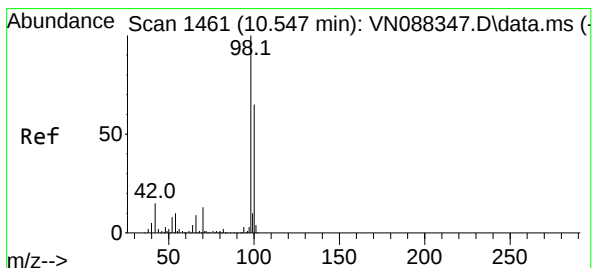
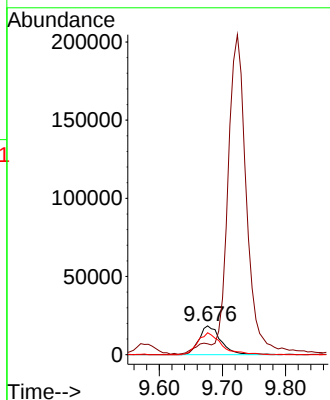
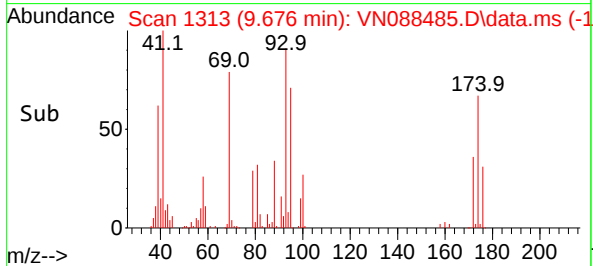
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 4429
Ion Ratio Lower Upper
88 100
43 30.1 0.0 0.0
58 82.5 62.0 93.0

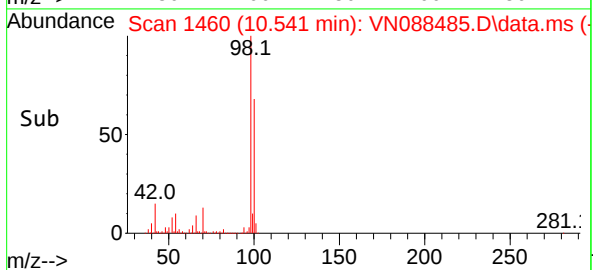
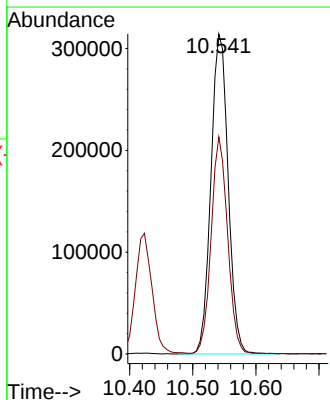
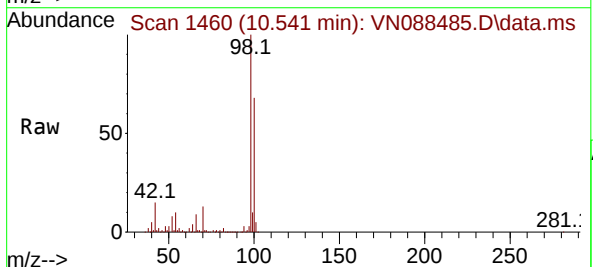
Manual Integrations
APPROVED

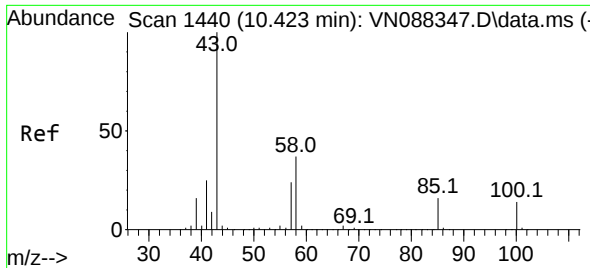
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#50
Toluene-d8
Concen: 46.028 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

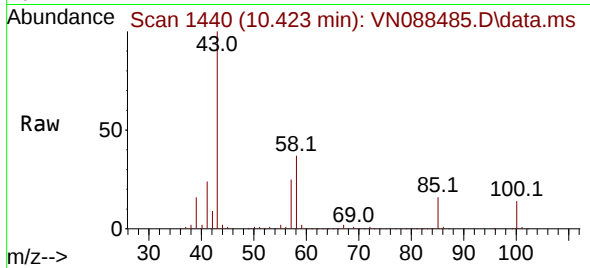
Tgt Ion: 98 Resp: 595078
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 248.392 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

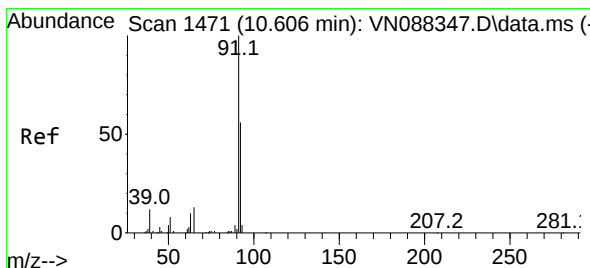
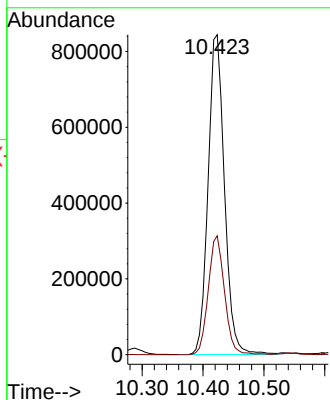
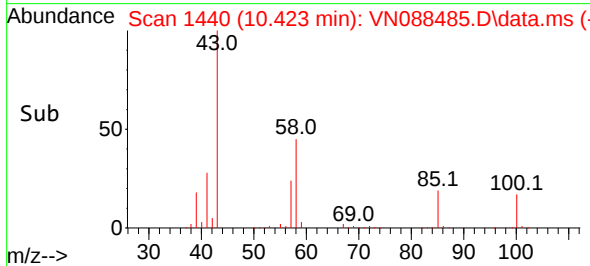
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1577320
Ion Ratio Lower Upper
43 100
58 36.9 29.1 43.7

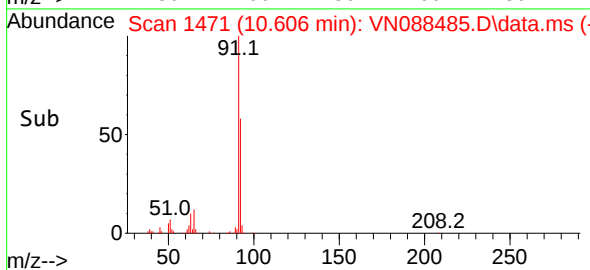
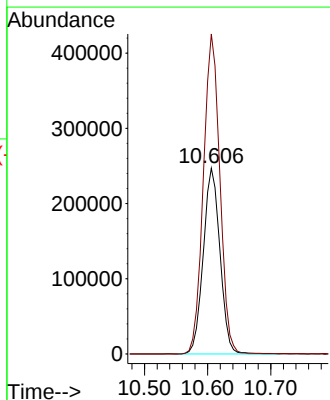
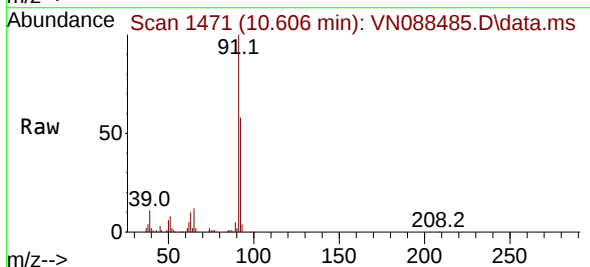
Manual Integrations
APPROVED

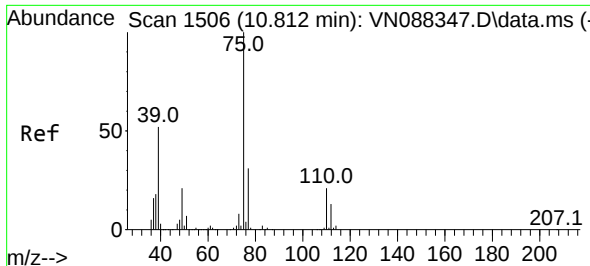
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#52
Toluene
Concen: 49.657 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

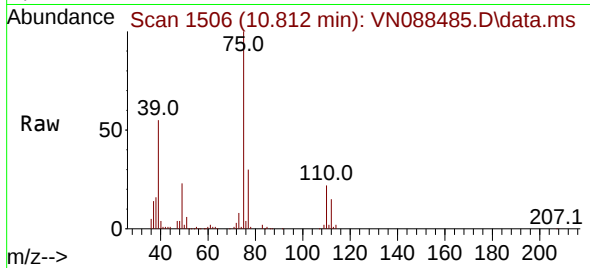
Tgt Ion: 92 Resp: 451294
Ion Ratio Lower Upper
92 100
91 171.2 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 50.963 ug/l
RT: 10.812 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

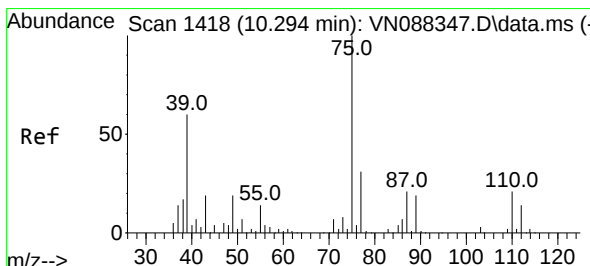
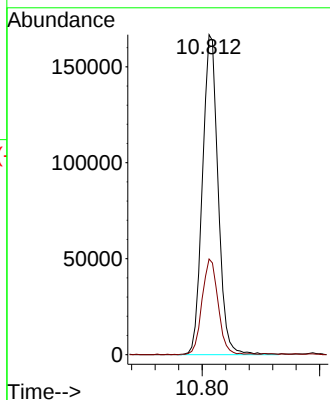
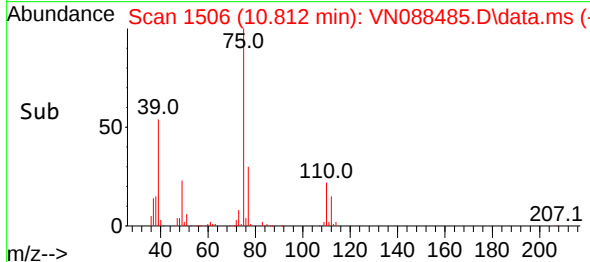
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



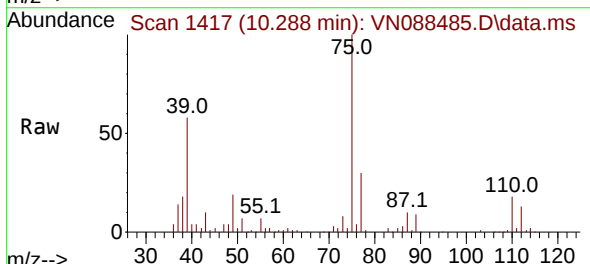
Tgt Ion: 75 Resp: 307168
Ion Ratio Lower Upper
75 100
77 29.9 24.8 37.2

Manual Integrations
APPROVED

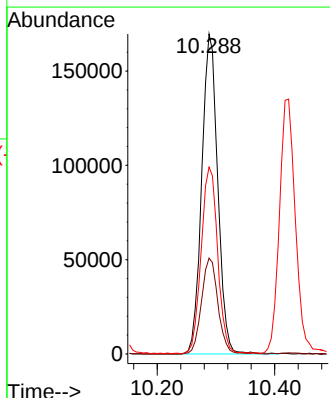
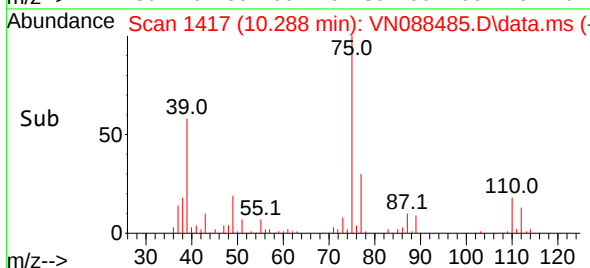
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

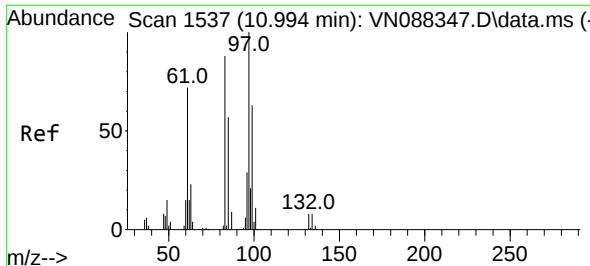


#54
cis-1,3-Dichloropropene
Concen: 50.627 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



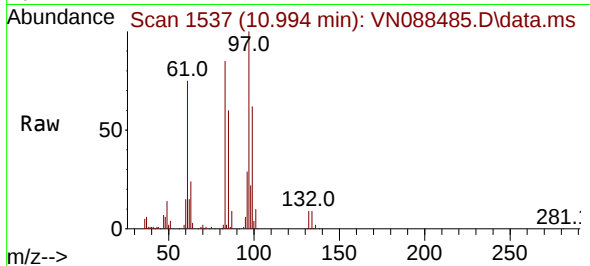
Tgt Ion: 75 Resp: 320899
Ion Ratio Lower Upper
75 100
77 29.9 24.5 36.7
39 58.2 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 48.589 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

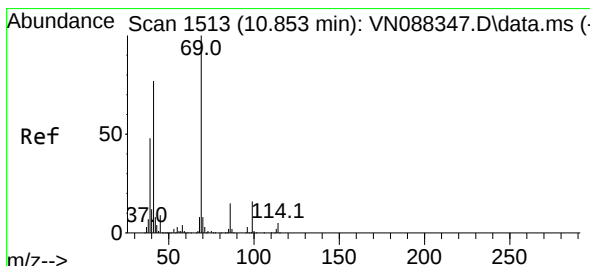
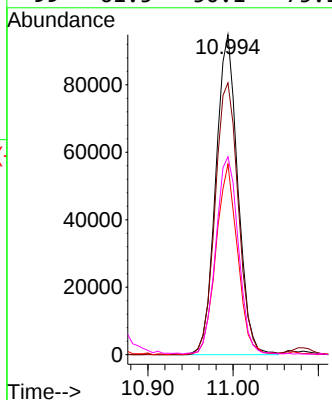
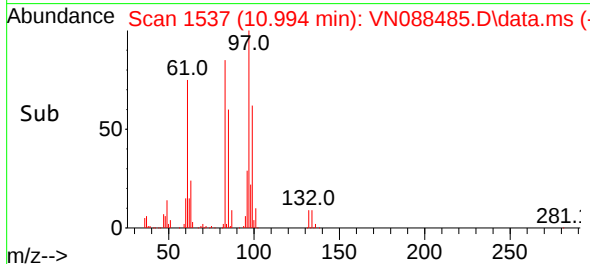
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 170849
Ion Ratio Lower Upper
97 100
83 84.9 70.4 105.6
85 59.4 45.4 68.2
99 61.5 50.1 75.1

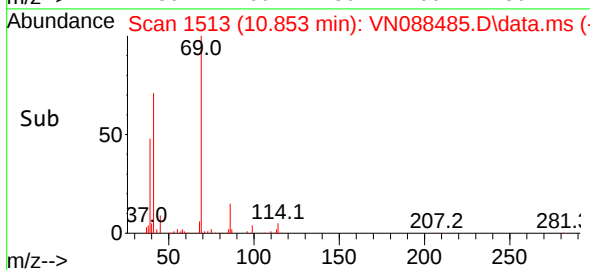
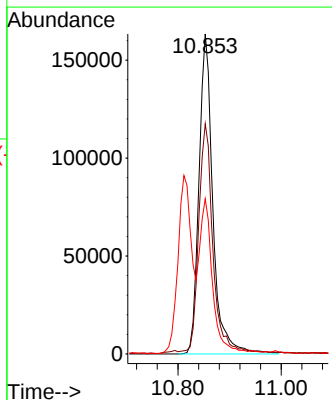
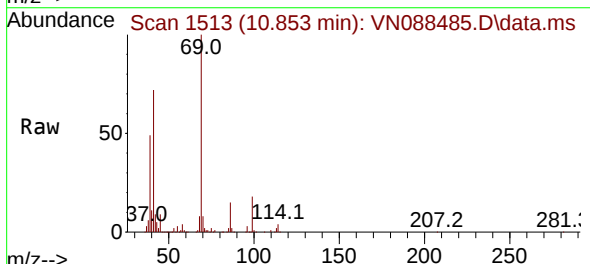
Manual Integrations
APPROVED

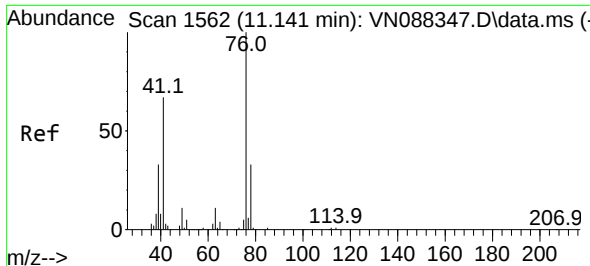
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#56
Ethyl methacrylate
Concen: 54.936 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

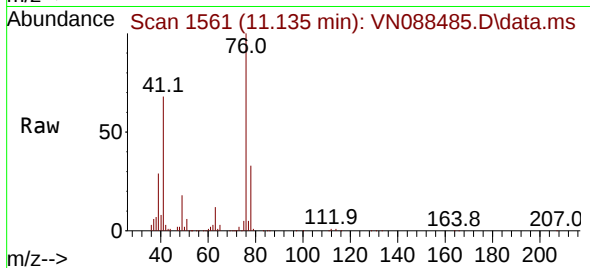
Tgt Ion: 69 Resp: 305130
Ion Ratio Lower Upper
69 100
41 74.3 59.6 89.4
39 42.8 36.4 54.6





#57
1,3-Dichloropropane
Concen: 50.286 ug/l
RT: 11.135 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

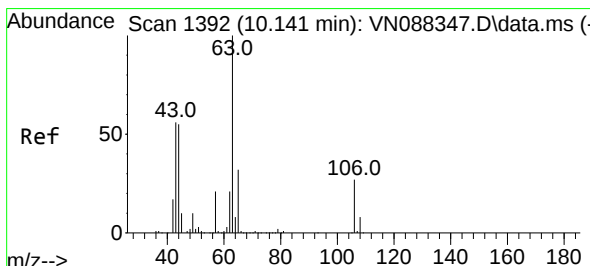
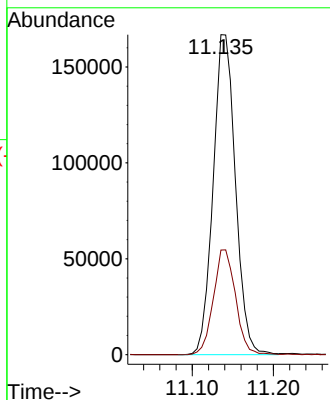
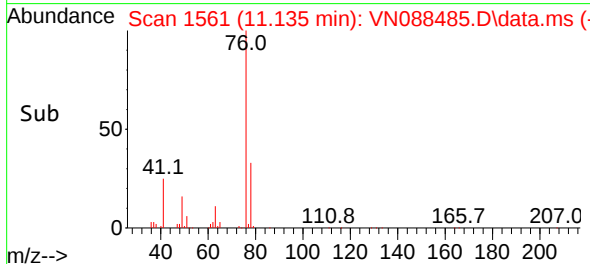
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 31898
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4

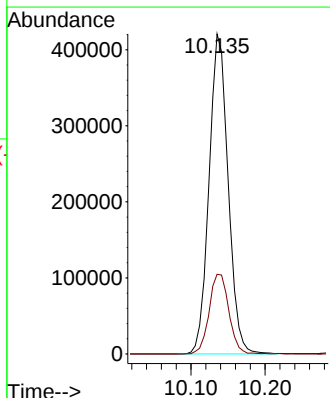
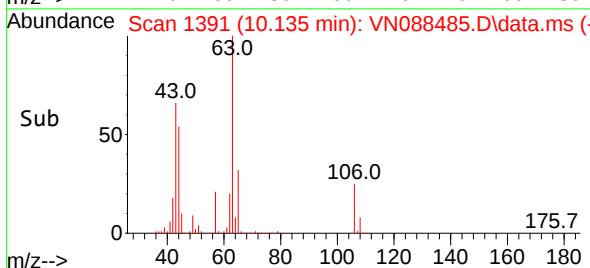
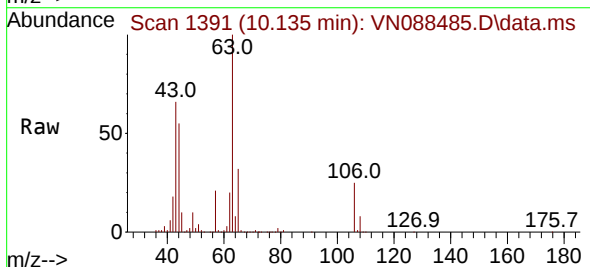
Manual Integrations
APPROVED

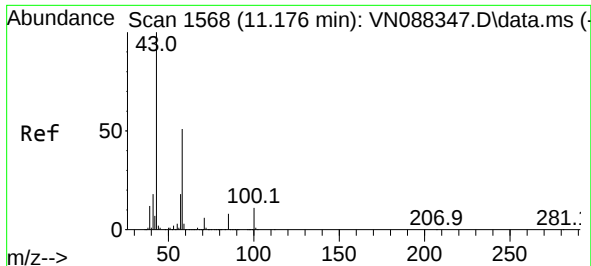
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#58
2-Chloroethyl Vinyl ether
Concen: 234.930 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

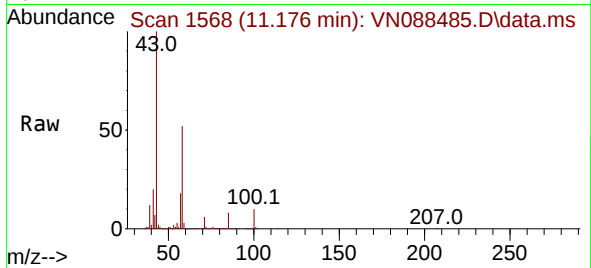
Tgt Ion: 63 Resp: 752272
Ion Ratio Lower Upper
63 100
106 25.7 20.5 30.7





#59
2-Hexanone
Concen: 264.004 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

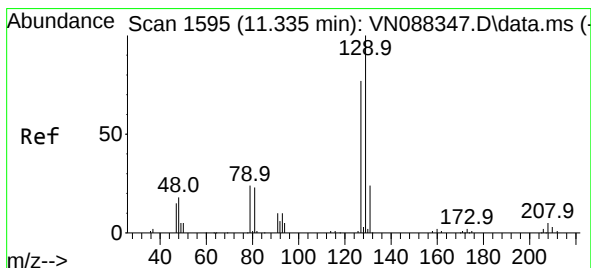
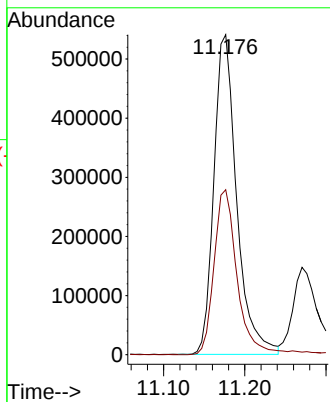
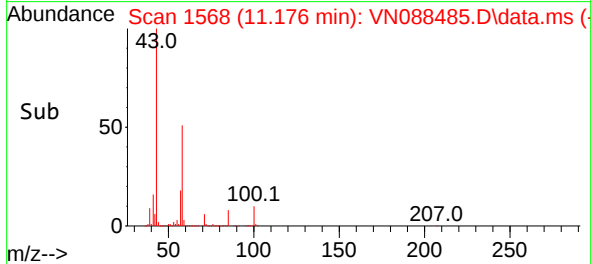
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1056099
Ion Ratio Lower Upper
43 100
58 52.0 25.3 75.9

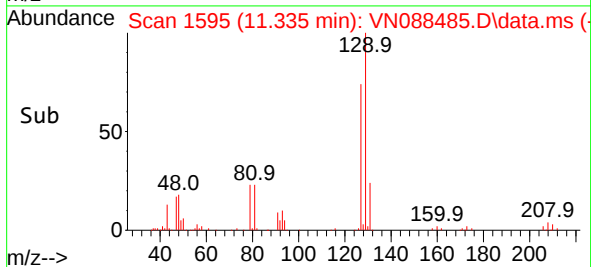
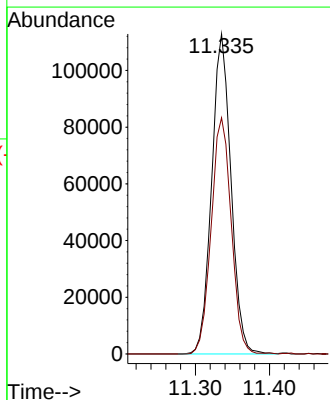
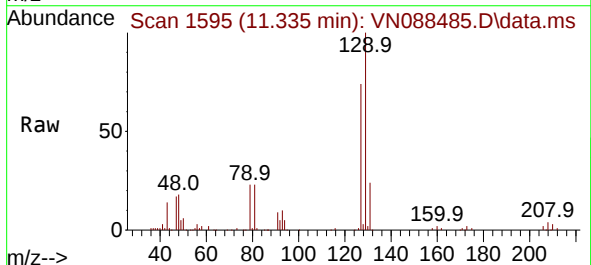
Manual Integrations
APPROVED

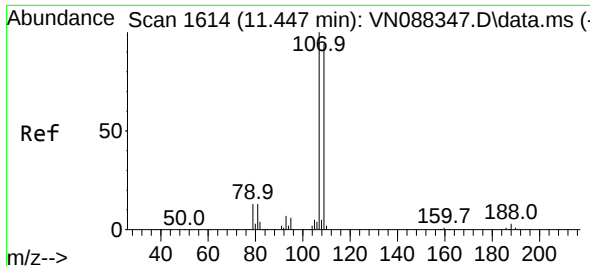
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#60
Dibromochloromethane
Concen: 50.963 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

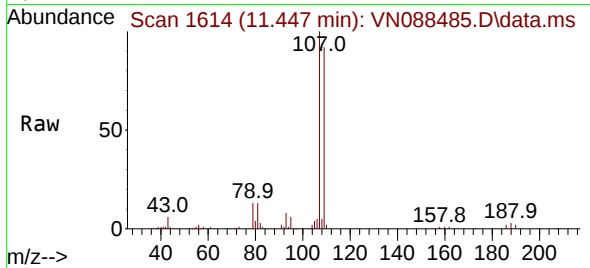
Tgt Ion:129 Resp: 204281
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





#61
1,2-Dibromoethane
Concen: 49.263 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

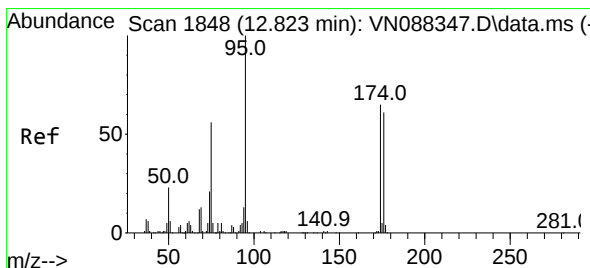
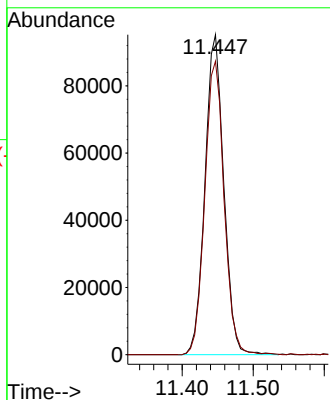
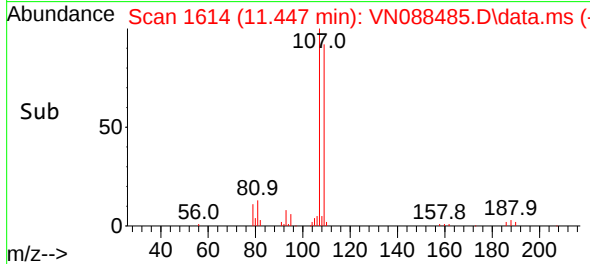
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 17541
Ion Ratio Lower Upper
107 100
109 93.8 74.6 112.0

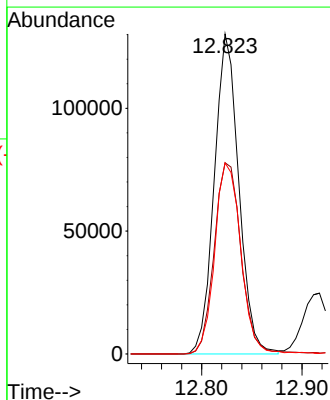
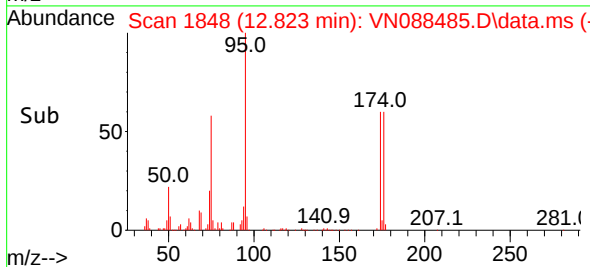
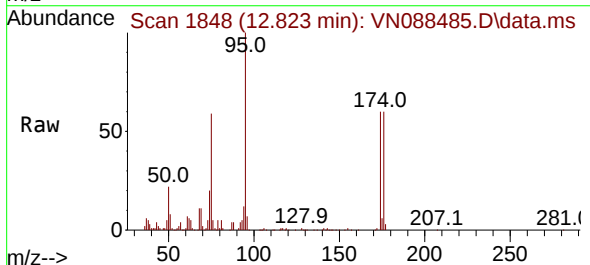
Manual Integrations
APPROVED

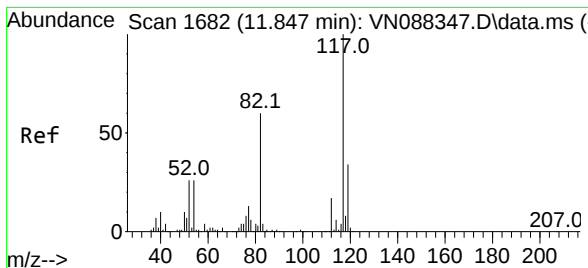
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#62
4-Bromofluorobenzene
Concen: 49.766 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

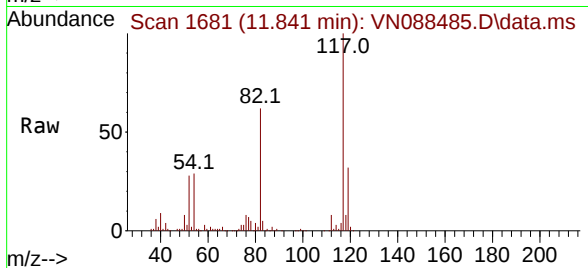
Tgt Ion: 95 Resp: 220764
Ion Ratio Lower Upper
95 100
174 65.9 0.0 139.0
176 64.0 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

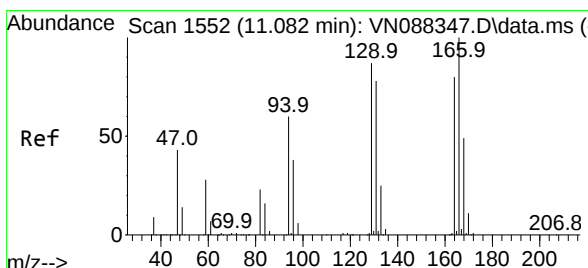
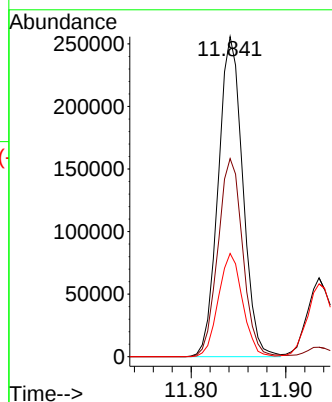
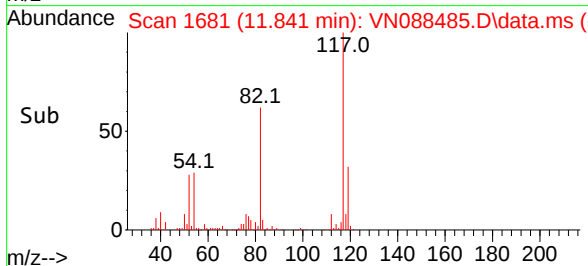
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 461490
Ion Ratio Lower Upper
117 100
82 61.9 47.8 71.8
119 32.3 26.9 40.3

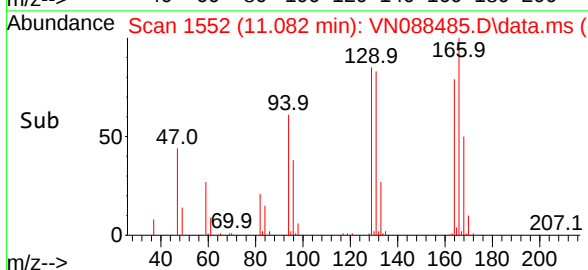
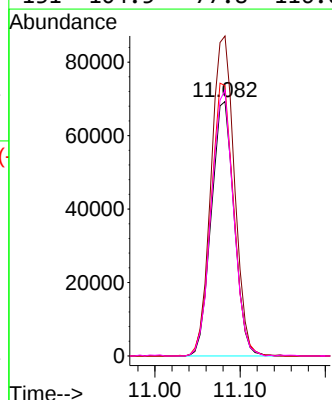
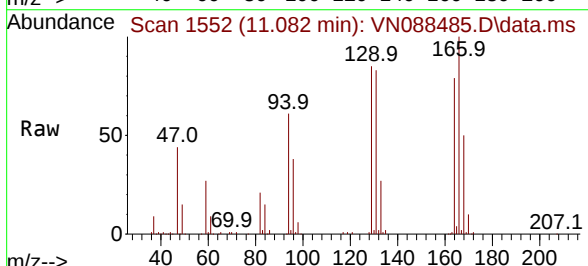
Manual Integrations
APPROVED

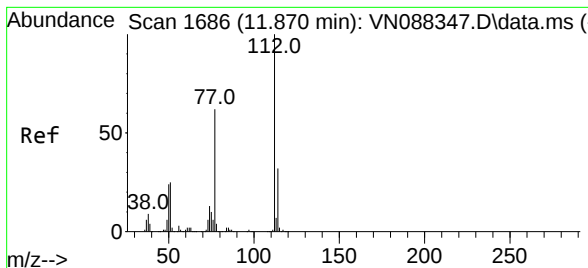
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#64
Tetrachloroethene
Concen: 35.061 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

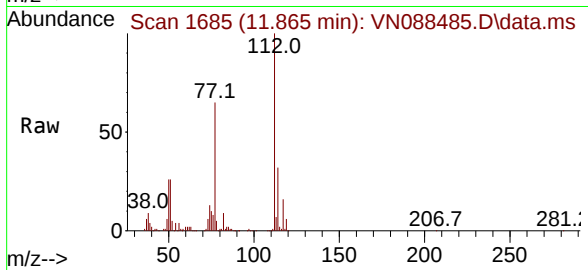
Tgt Ion:164 Resp: 128275
Ion Ratio Lower Upper
164 100
166 125.8 99.6 149.4
129 106.3 86.6 129.8
131 104.5 77.8 116.6





#65
Chlorobenzene
Concen: 45.586 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

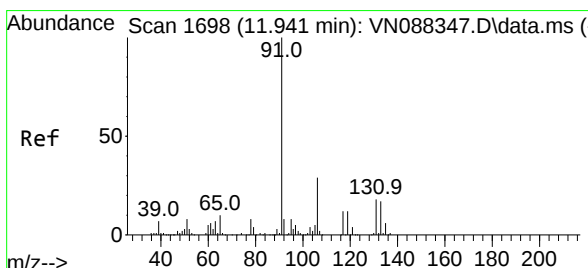
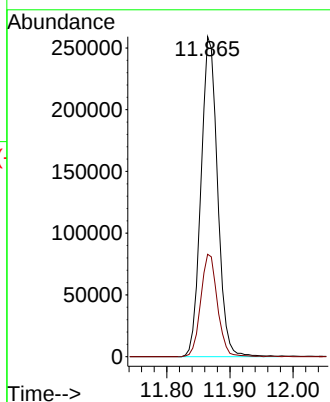
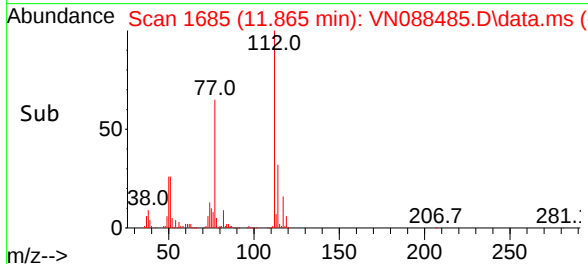
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



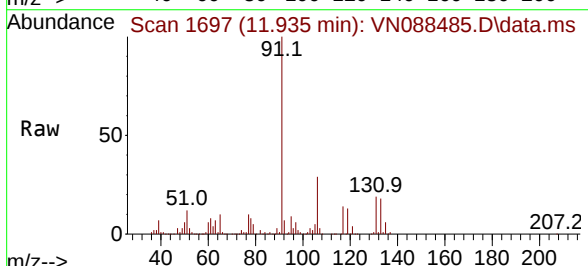
Tgt Ion:112 Resp: 47254
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

Manual Integrations
APPROVED

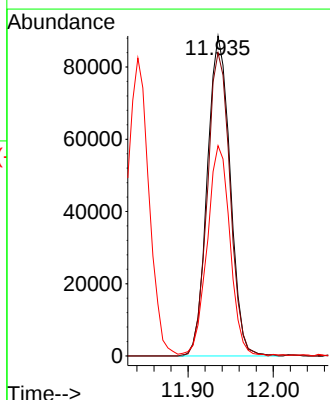
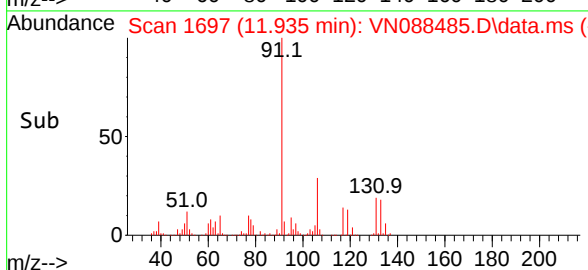
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

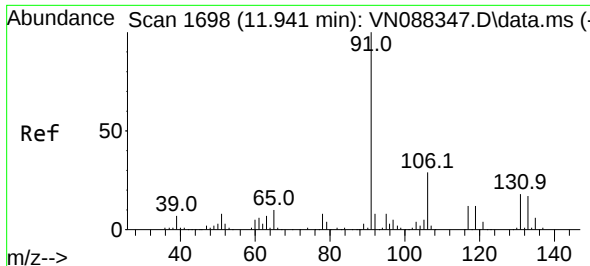


#66
1,1,1,2-Tetrachloroethane
Concen: 47.120 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



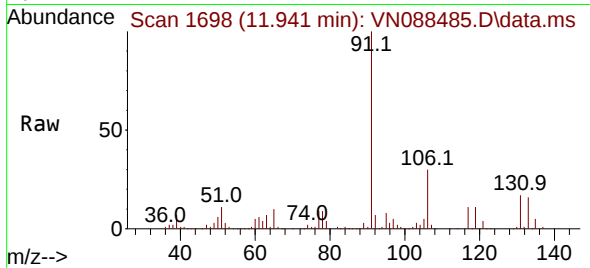
Tgt Ion:131 Resp: 164740
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 65.9 33.4 100.1





#67
Ethyl Benzene
Concen: 46.690 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

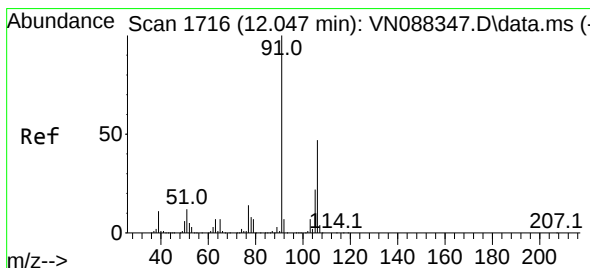
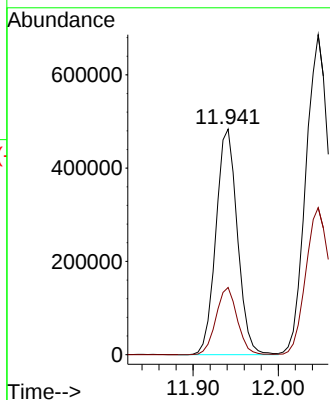
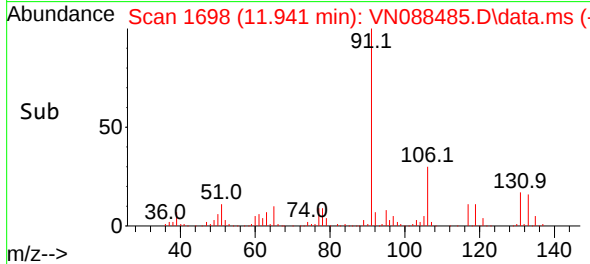
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



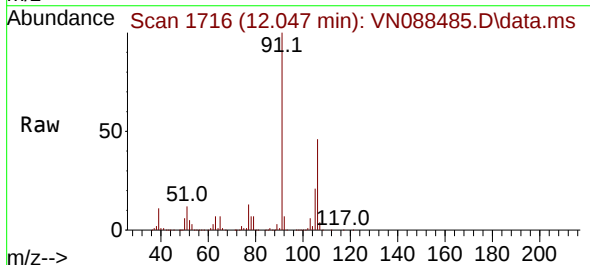
Tgt Ion: 91 Resp: 845927
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4

Manual Integrations
APPROVED

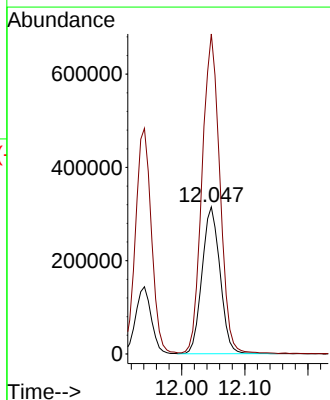
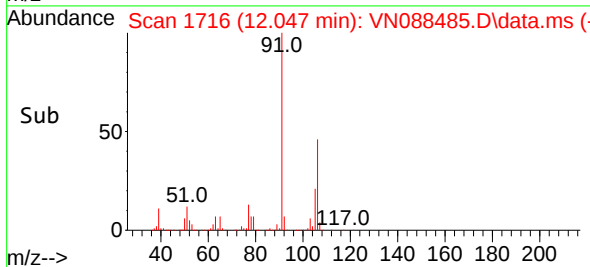
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

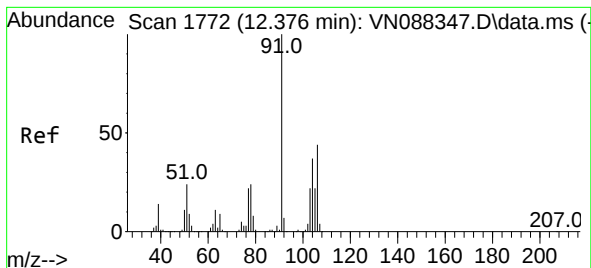


#68
m/p-Xylenes
Concen: 92.410 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



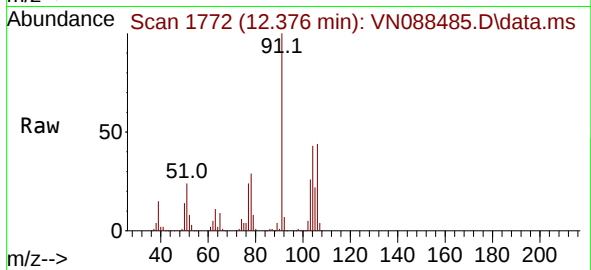
Tgt Ion:106 Resp: 620764
Ion Ratio Lower Upper
106 100
91 215.6 167.8 251.6





#69
o-Xylene
Concen: 46.766 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

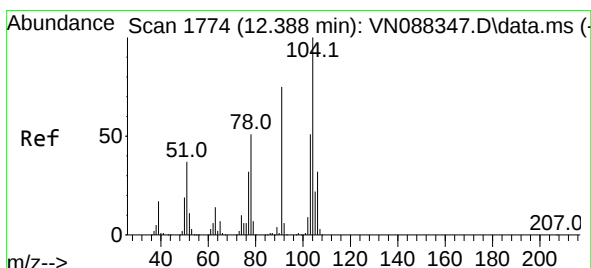
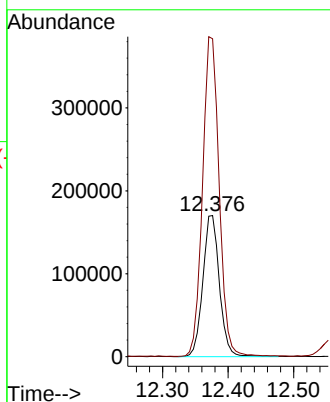
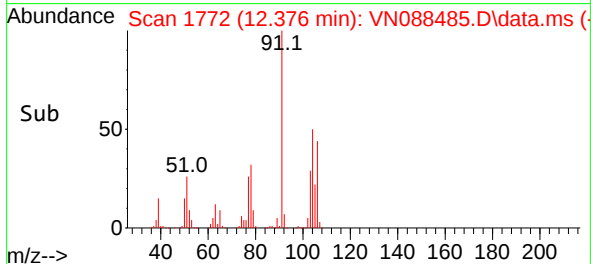
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 299500
Ion Ratio Lower Upper
106 100
91 227.3 112.9 338.7

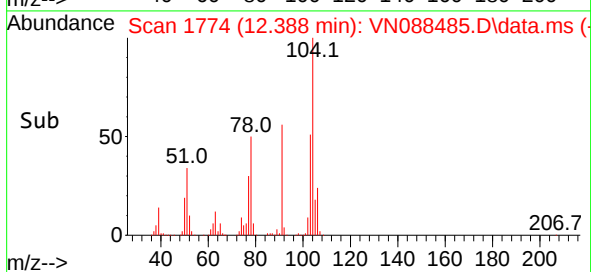
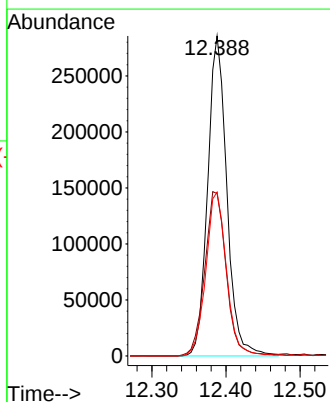
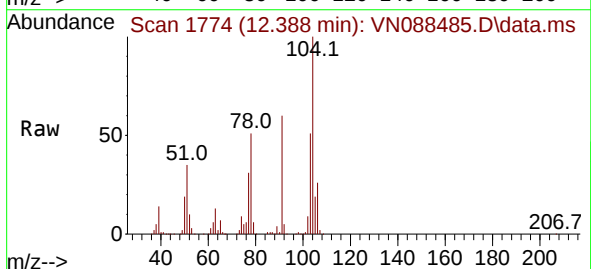
Manual Integrations
APPROVED

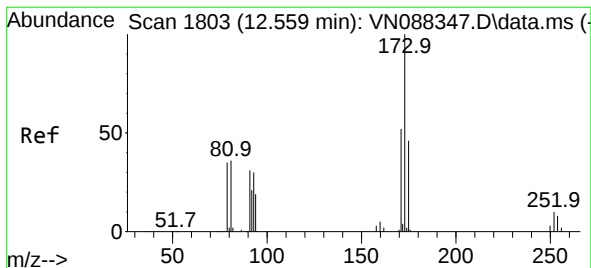
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#70
Styrene
Concen: 49.336 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

Tgt Ion:104 Resp: 513023
Ion Ratio Lower Upper
104 100
78 57.5 44.3 66.5
103 55.4 44.2 66.4





#71

Bromoform

Concen: 49.362 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

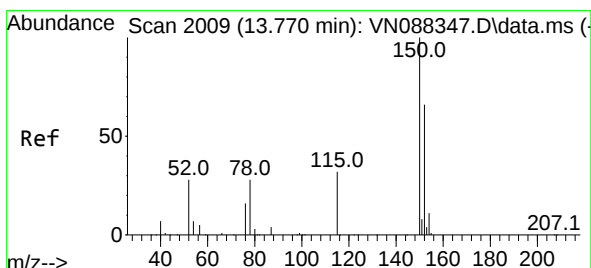
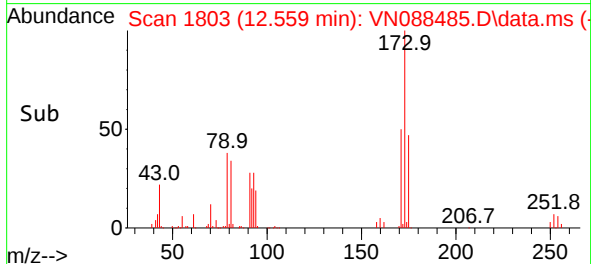
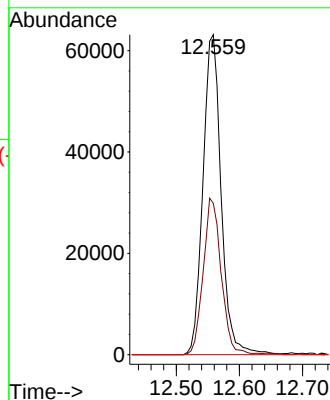
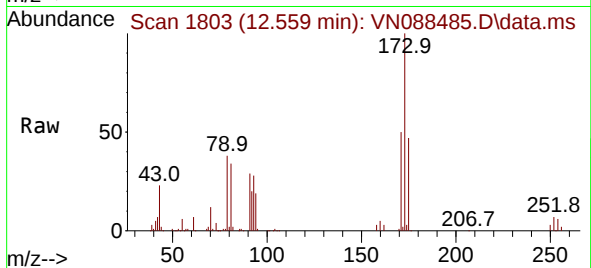
VSTDCCC050EC

Tgt Ion:173 Resp: 126400
 Ion Ratio Lower Upper
 173 100
 175 48.2 23.9 71.8
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

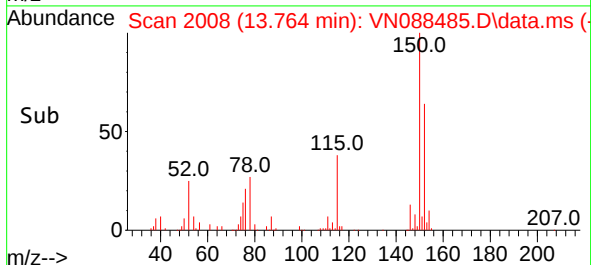
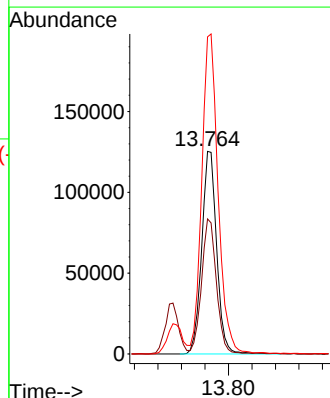
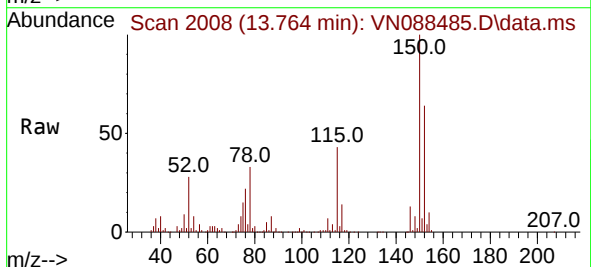
RT: 13.764 min Scan# 2008

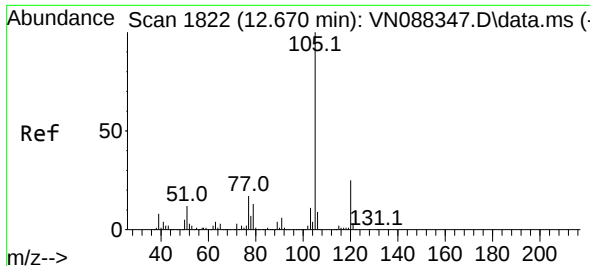
Delta R.T. -0.006 min

Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

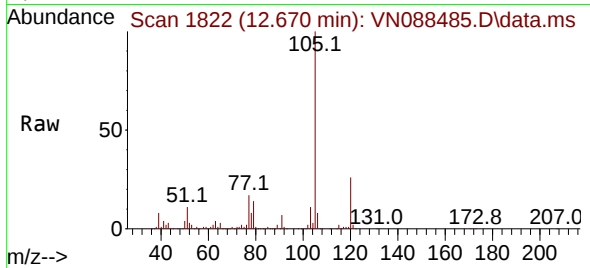
Tgt Ion:152 Resp: 221443
 Ion Ratio Lower Upper
 152 100
 115 65.0 33.0 98.9
 150 170.2 0.0 349.0





#73
Isopropylbenzene
Concen: 46.078 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

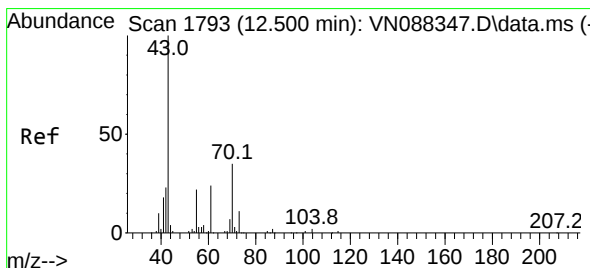
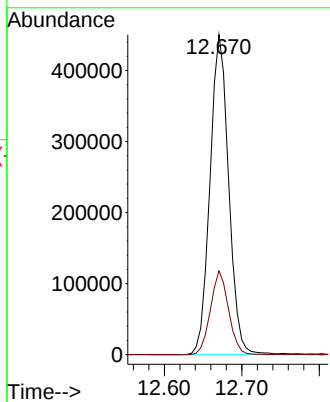
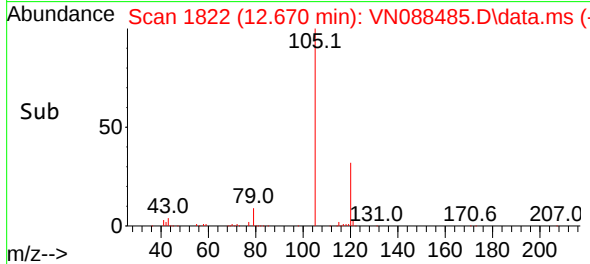
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



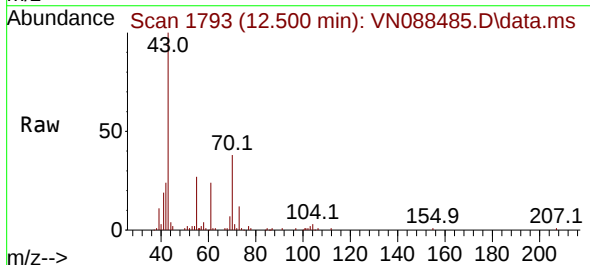
Tgt Ion:105 Resp: 754438
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3

Manual Integrations
APPROVED

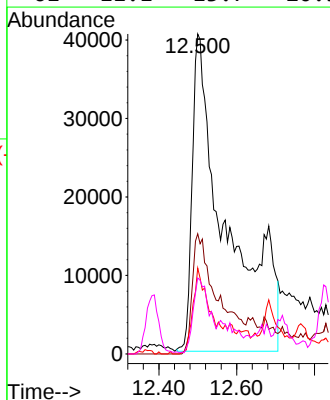
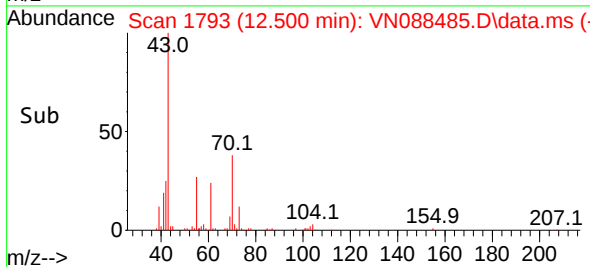
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

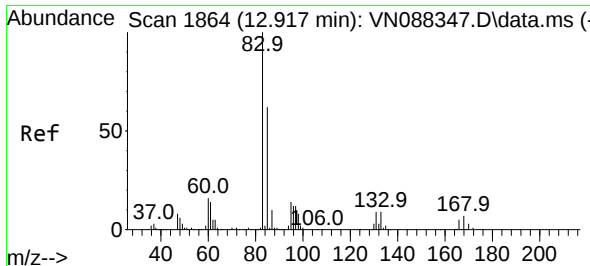


#74
N-ethyl acetate
Concen: 43.930 ug/l m
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



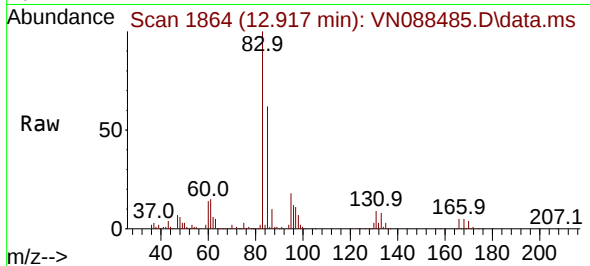
Tgt Ion: 43 Resp: 244957
Ion Ratio Lower Upper
43 100
70 29.1 28.3 42.5
55 13.7 17.7 26.5#
61 11.1 13.7 20.5#





#75
1,1,2,2-Tetrachloroethane
Concen: 47.662 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

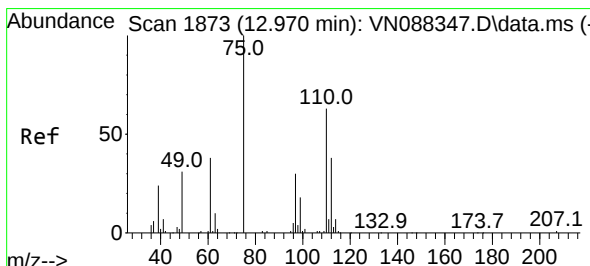
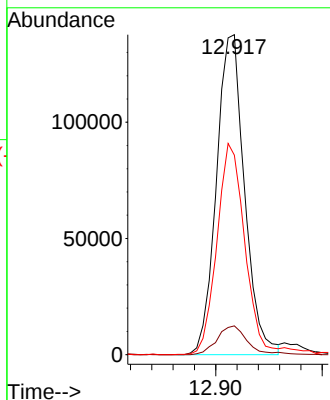
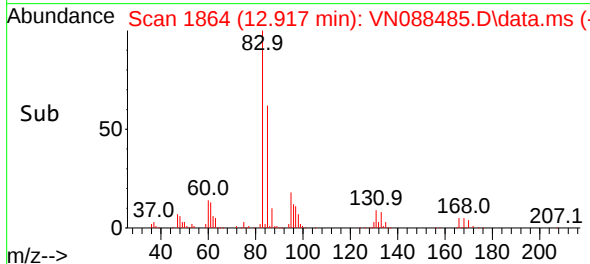
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 25228
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 67.0 32.1 96.5

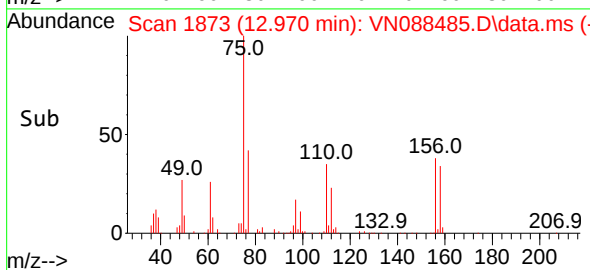
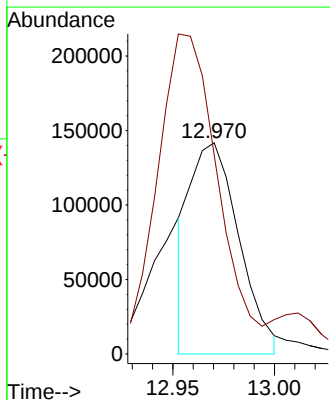
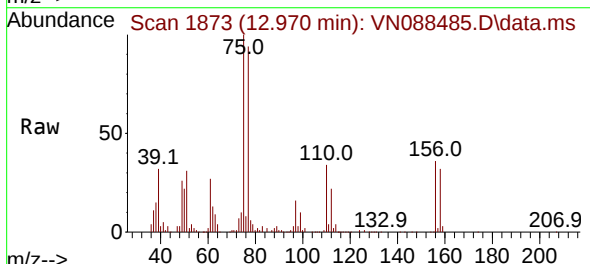
Manual Integrations
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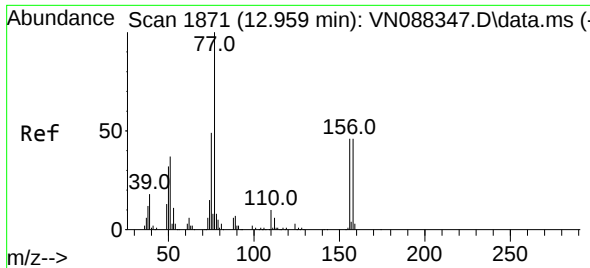
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#76
1,2,3-Trichloropropane
Concen: 45.784 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

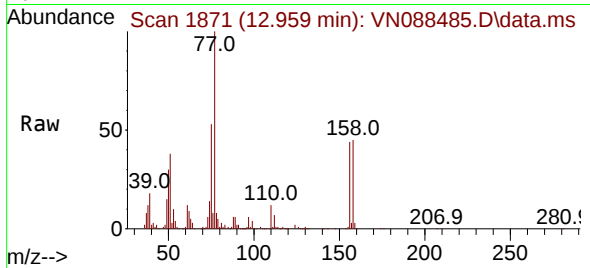
Tgt Ion: 75 Resp: 237465
Ion Ratio Lower Upper
75 100
77 189.1 87.2 261.6





#77
Bromobenzene
Concen: 47.584 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

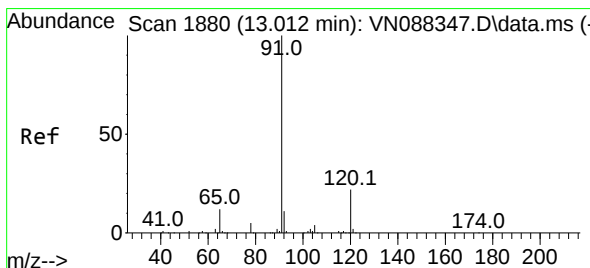
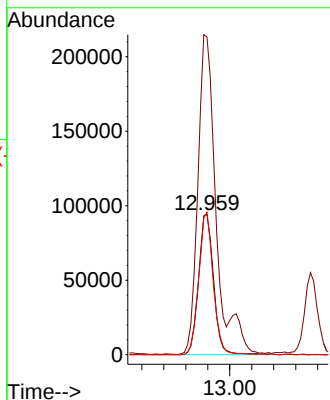
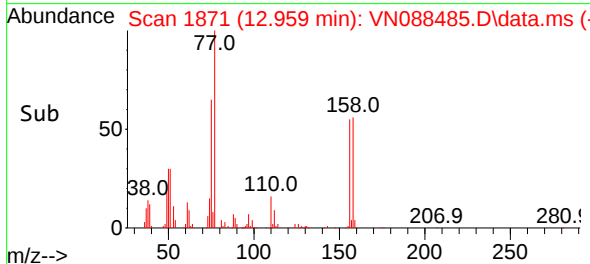
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



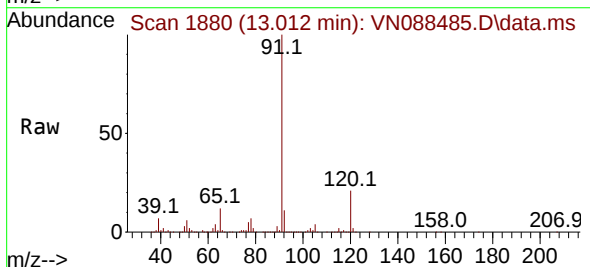
Tgt Ion:156 Resp: 17826
Ion Ratio Lower Upper
156 100
77 251.9 121.6 364.7
158 98.2 48.6 145.8

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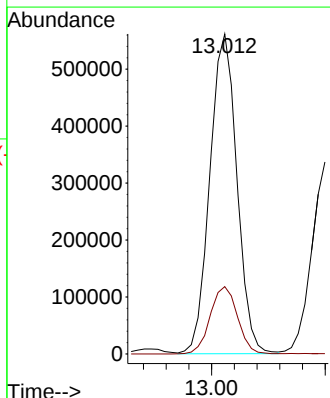
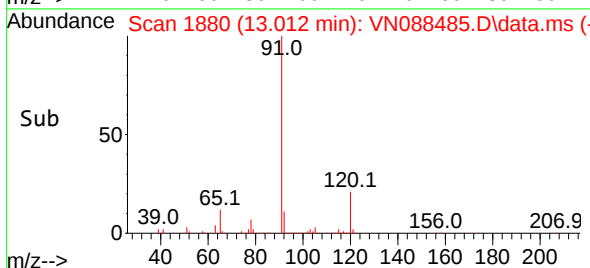
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

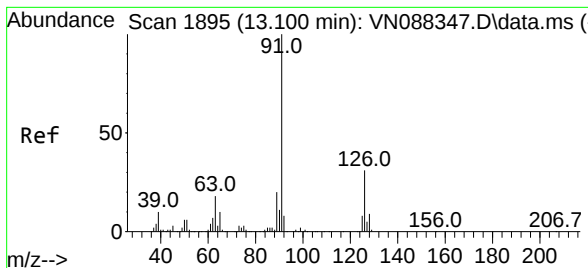


#78
n-propylbenzene
Concen: 46.441 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



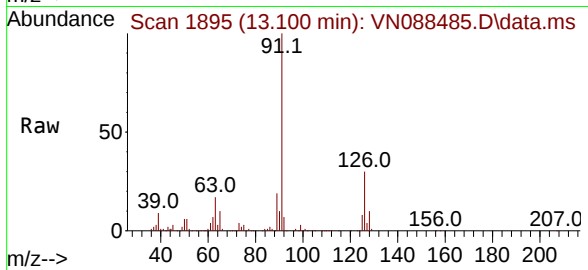
Tgt Ion: 91 Resp: 930230
Ion Ratio Lower Upper
91 100
120 21.2 10.9 32.6





#79
2-Chlorotoluene
Concen: 46.978 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

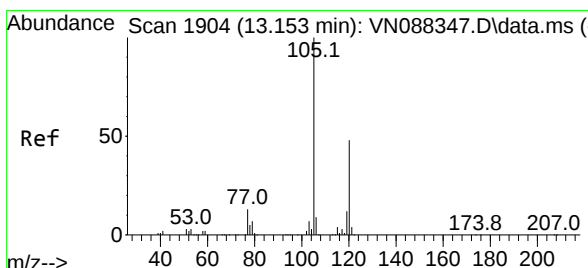
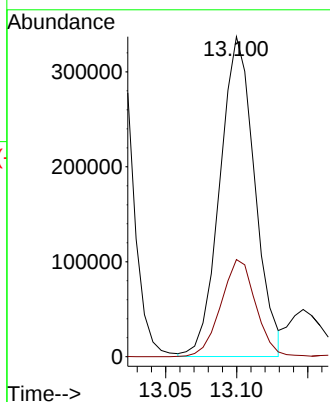
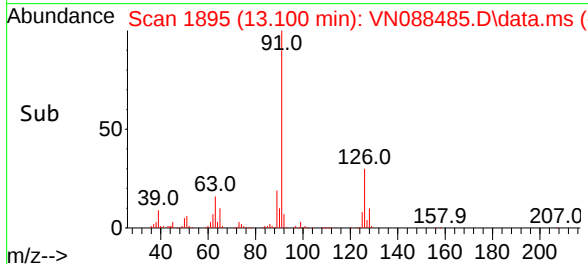
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



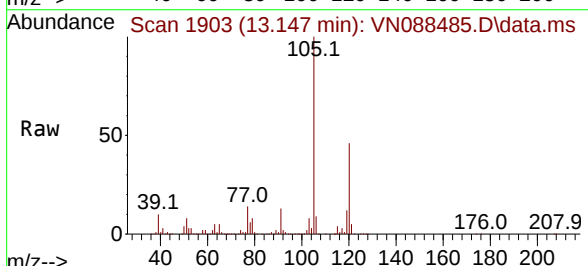
Tgt Ion: 91 Resp: 574630
Ion Ratio Lower Upper
91 100
126 30.4 15.3 45.9

Manual Integrations
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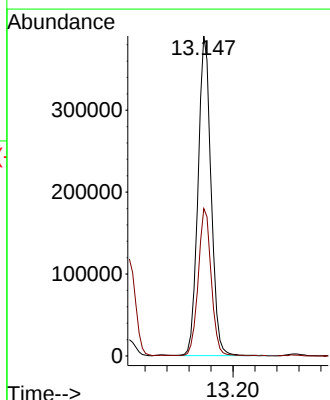
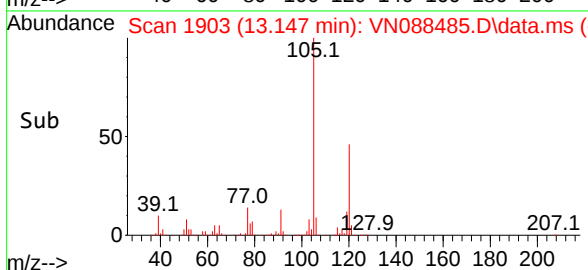
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

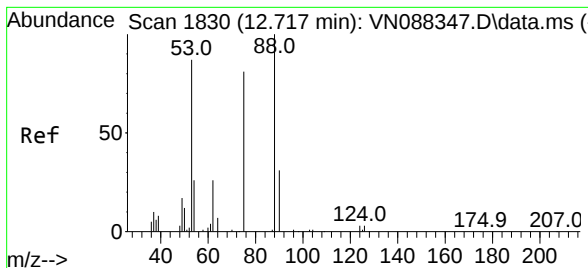


#80
1,3,5-Trimethylbenzene
Concen: 47.365 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



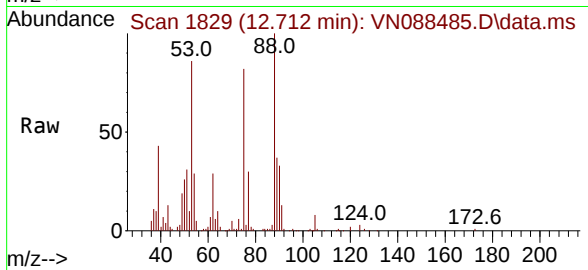
Tgt Ion:105 Resp: 642616
Ion Ratio Lower Upper
105 100
120 45.8 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 49.342 ug/l
RT: 12.712 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

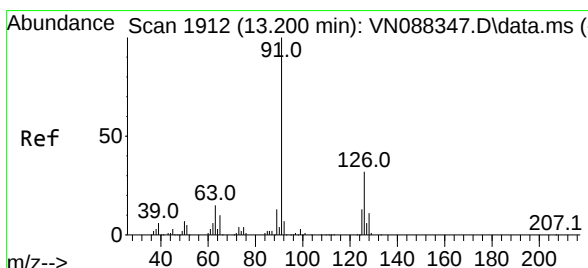
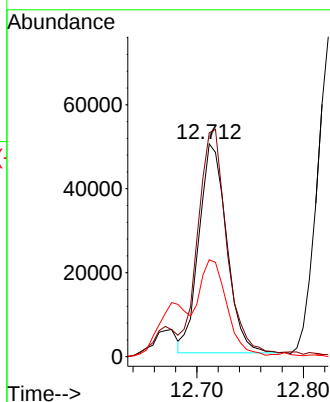
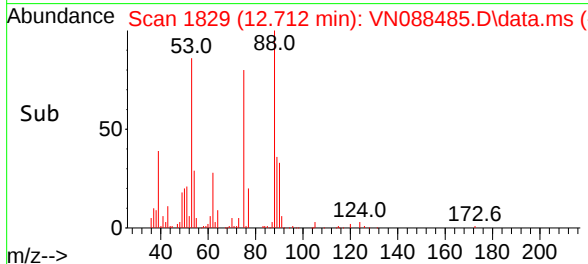
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



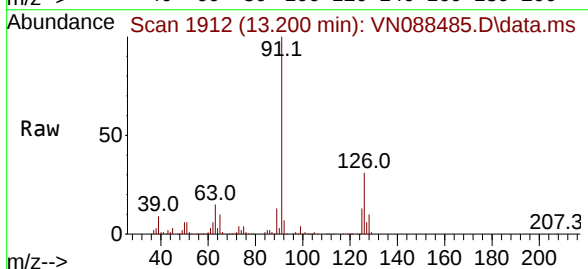
Tgt Ion: 75 Resp: 90209
Ion Ratio Lower Upper
75 100
53 113.2 92.2 138.4
89 45.5 0.0 0.0

Manual Integrations
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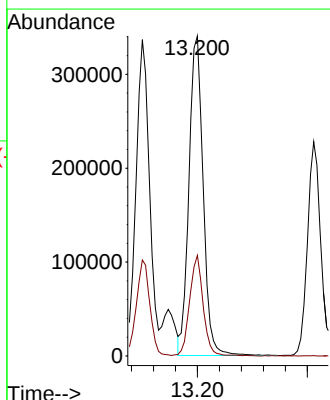
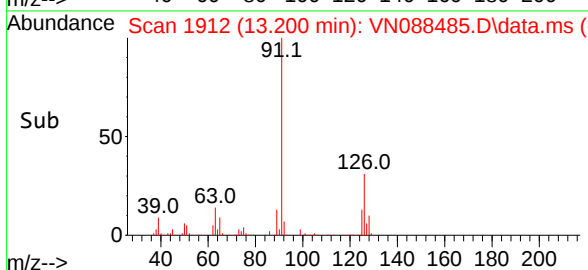
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

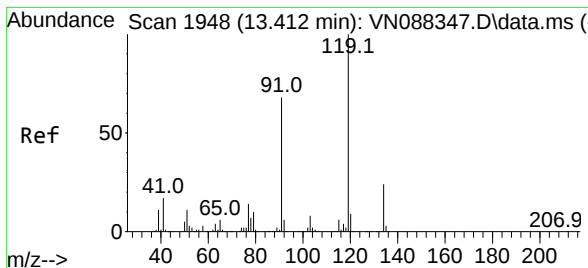


#82
4-Chlorotoluene
Concen: 50.219 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



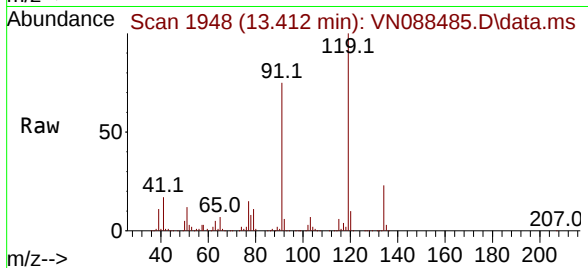
Tgt Ion: 91 Resp: 610120
Ion Ratio Lower Upper
91 100
126 29.6 15.6 46.7





#83
tert-Butylbenzene
Concen: 43.732 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

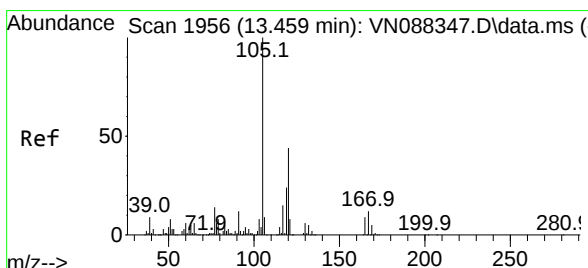
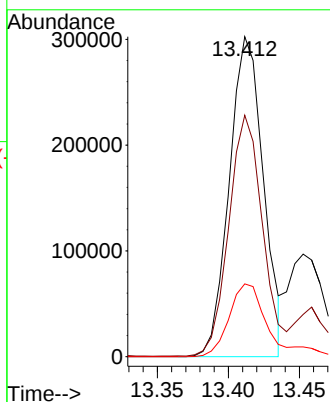
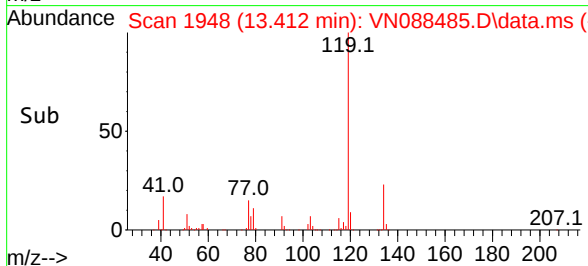
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



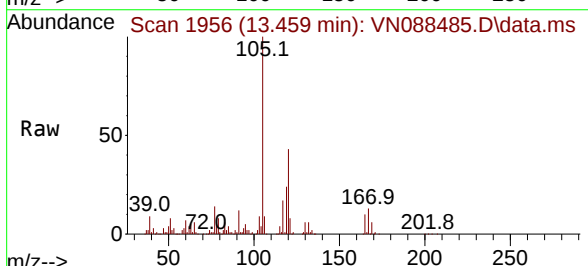
Tgt Ion:119 Resp: 504380
Ion Ratio Lower Upper
119 100
91 75.0 35.1 105.3
134 26.0 12.8 38.4

Manual Integrations
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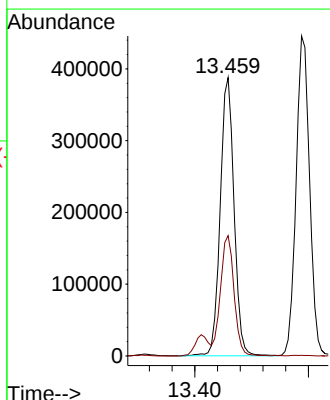
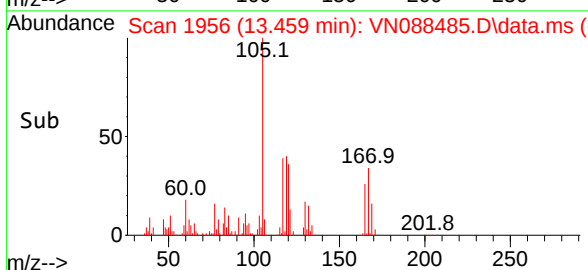
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

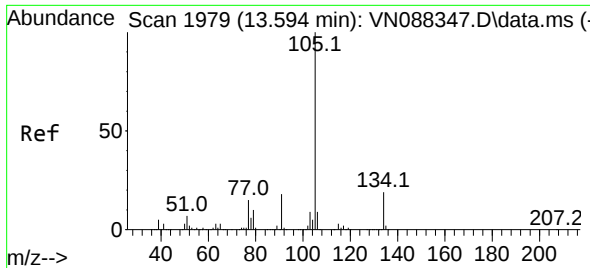


#84
1,2,4-Trimethylbenzene
Concen: 48.664 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



Tgt Ion:105 Resp: 656260
Ion Ratio Lower Upper
105 100
120 42.4 22.1 66.1





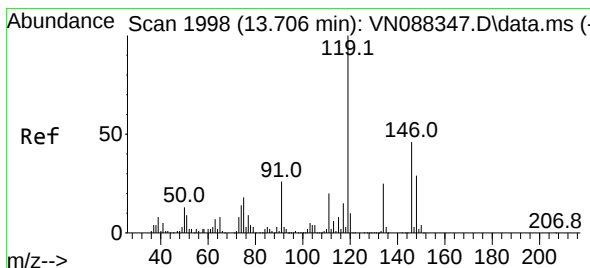
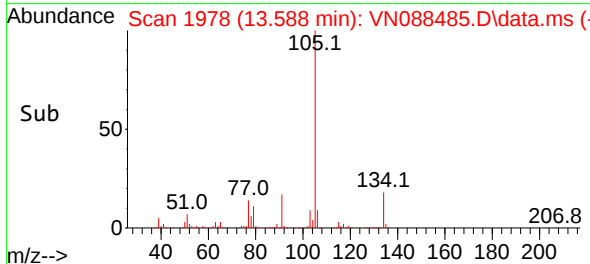
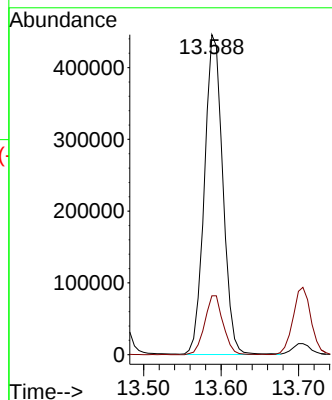
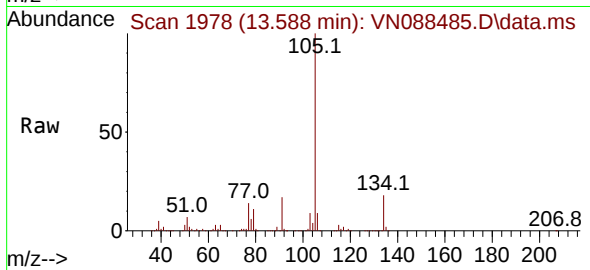
#85
 sec-Butylbenzene
 Concen: 44.260 ug/l
 RT: 13.588 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VN088485.D
 Acq: 09 Dec 2025 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 733330
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.5 28.5

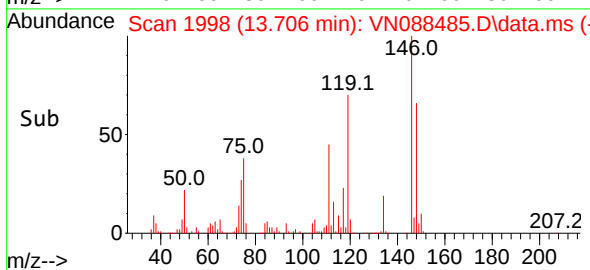
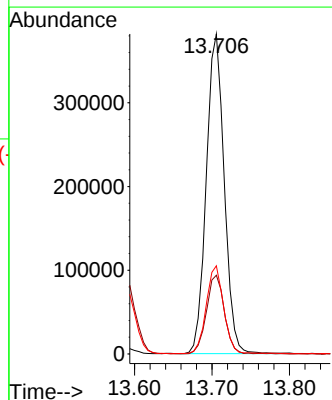
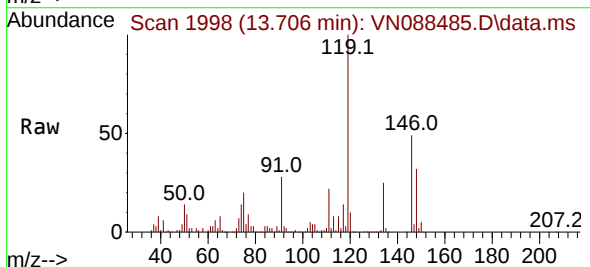
Manual Integrations
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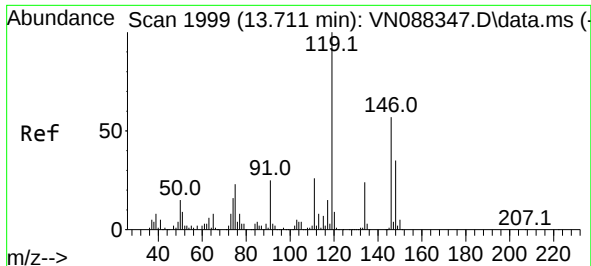
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#86
 p-Isopropyltoluene
 Concen: 45.130 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088485.D
 Acq: 09 Dec 2025 17:23

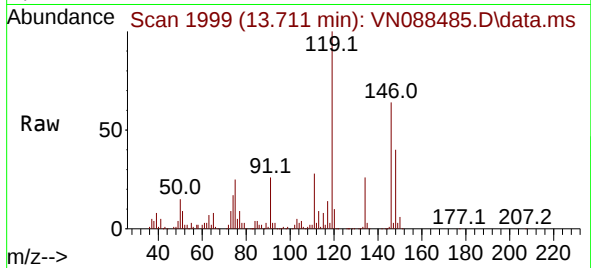
Tgt Ion:119 Resp: 613168
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.2 36.6
 91 26.9 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 45.762 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

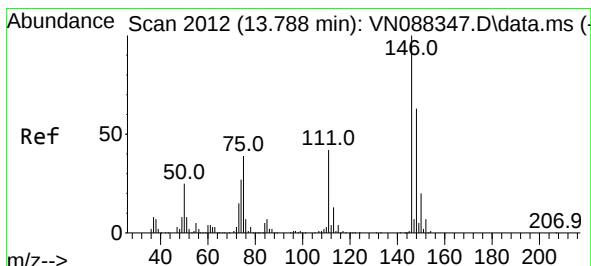
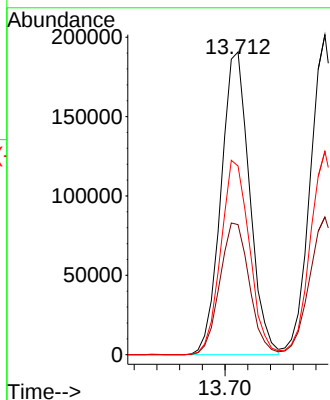
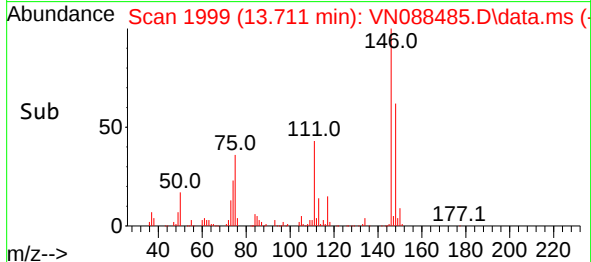
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



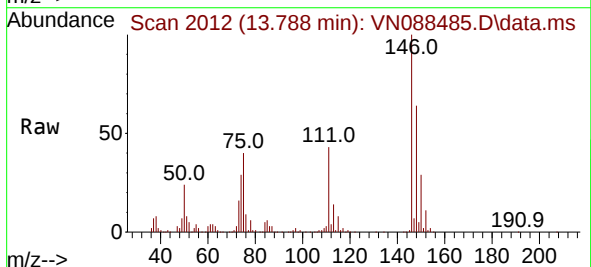
Tgt Ion:146 Resp: 333720
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.0
148 64.2 31.6 94.8

Manual Integrations
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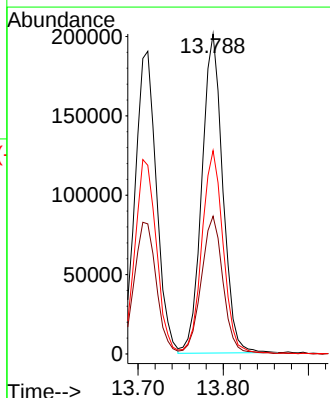
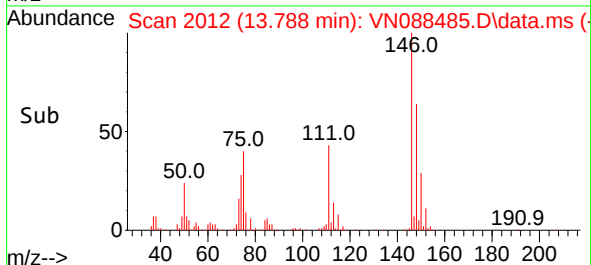
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

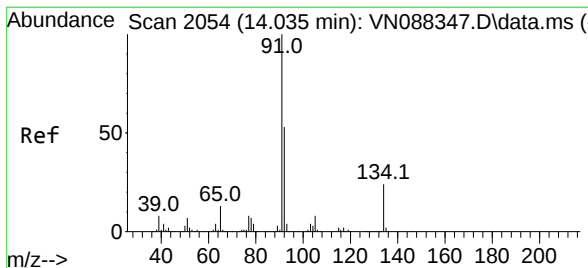


#88
1,4-Dichlorobenzene
Concen: 44.669 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



Tgt Ion:146 Resp: 341227
Ion Ratio Lower Upper
146 100
111 45.0 21.6 64.6
148 65.3 31.0 93.0





#89

n-Butylbenzene

Concen: 43.908 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

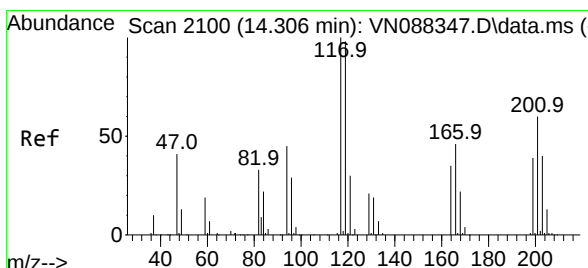
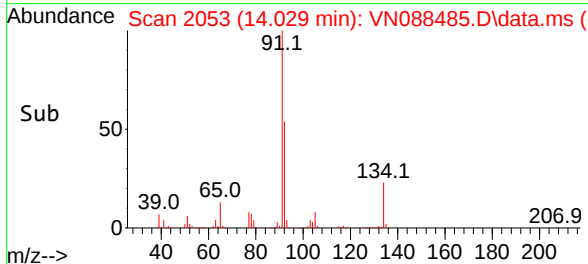
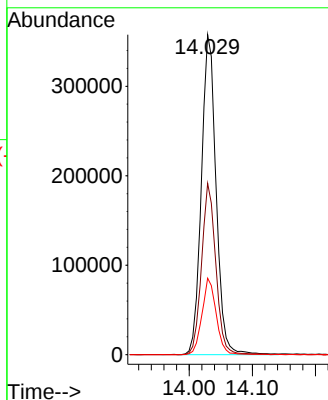
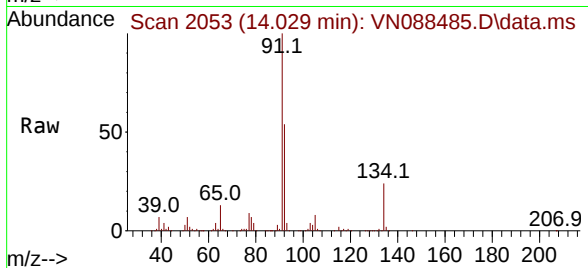
Tgt Ion:	91	Resp:	57923
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.1	78.3
134	23.1	11.7	35.1

Manual Integrations

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Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#90

Hexachloroethane

Concen: 44.393 ug/l

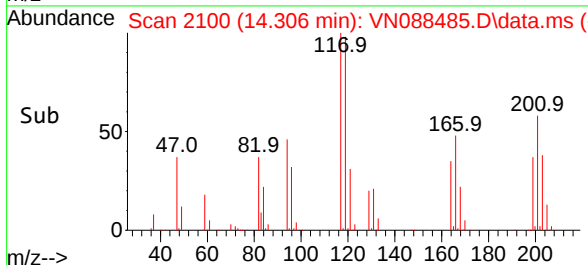
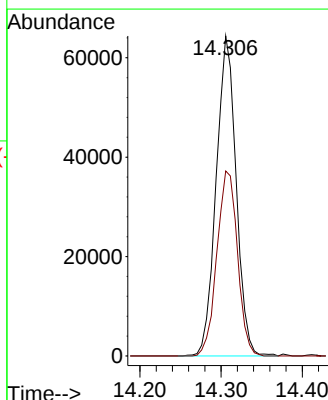
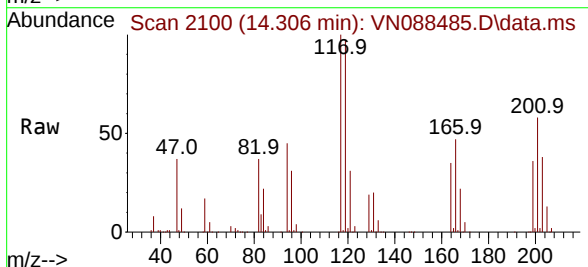
RT: 14.306 min Scan# 2100

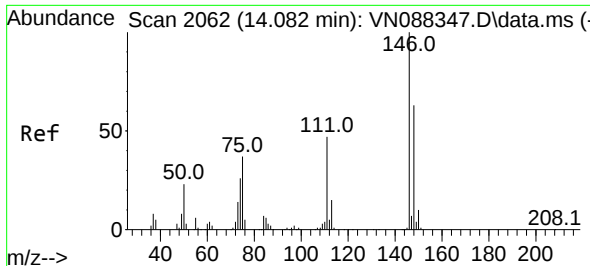
Delta R.T. 0.000 min

Lab File: VN088485.D

Acq: 09 Dec 2025 17:23

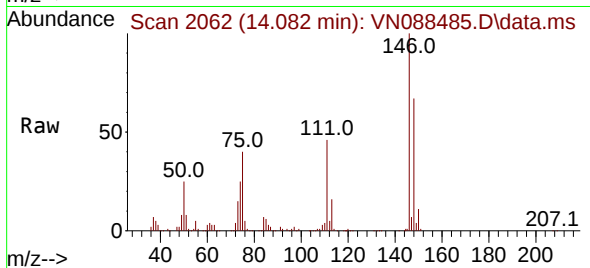
Tgt Ion:	117	Resp:	110185
Ion	Ratio	Lower	Upper
117	100		
201	59.6	30.3	90.9





#91
1,2-Dichlorobenzene
Concen: 46.671 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

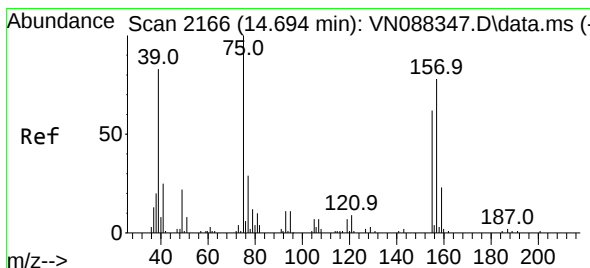
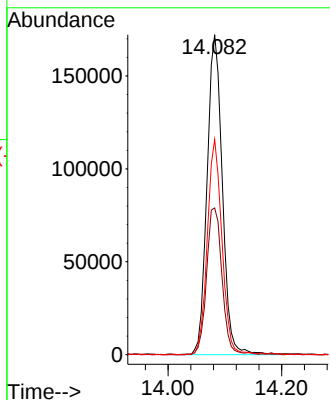
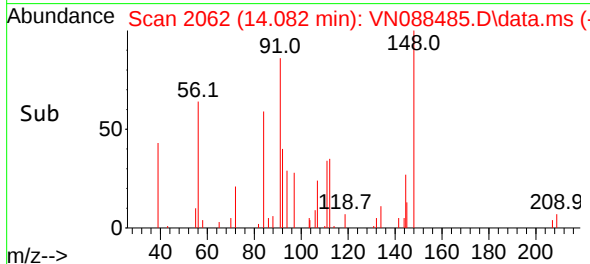
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 320280
Ion Ratio Lower Upper
146 100
111 46.3 23.3 69.9
148 64.3 31.8 95.4

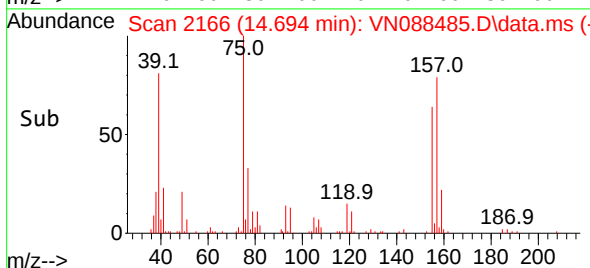
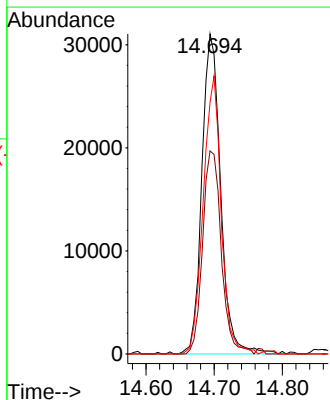
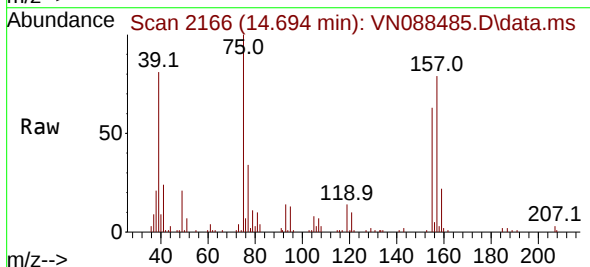
Manual Integrations
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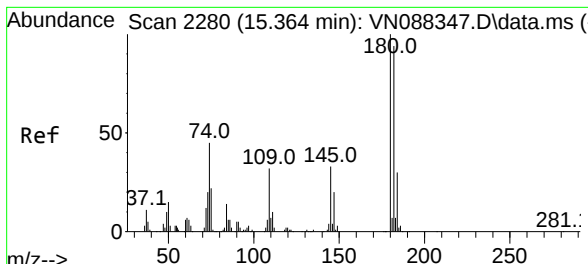
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.237 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

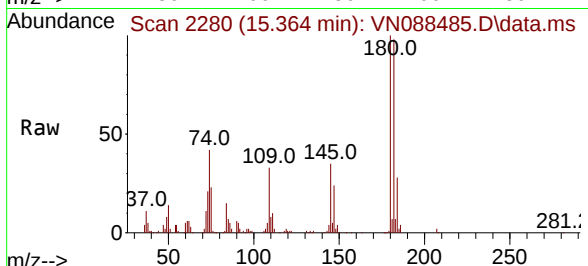
Tgt Ion: 75 Resp: 59380
Ion Ratio Lower Upper
75 100
155 63.1 33.7 101.1
157 83.4 43.8 131.3





#93
1,2,4-Trichlorobenzene
Concen: 42.791 ug/l
RT: 15.364 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

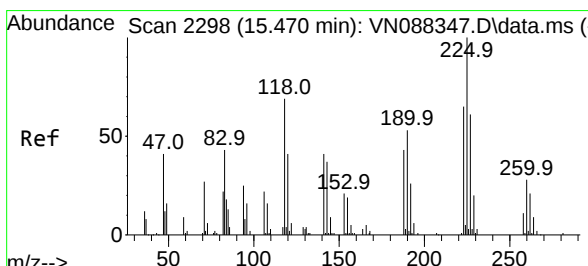
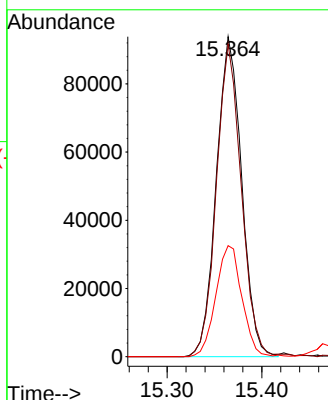
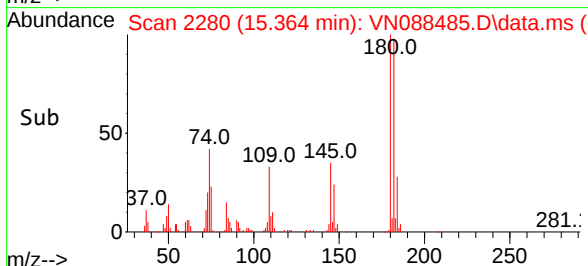
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



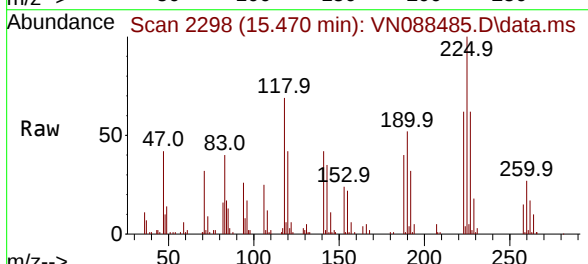
Tgt Ion:180 Resp: 17448
Ion Ratio Lower Upper
180 100
182 96.4 46.1 138.2
145 35.7 16.7 50.1

Manual Integrations
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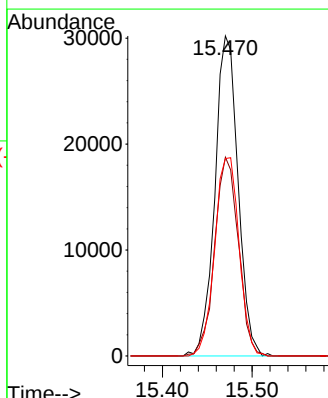
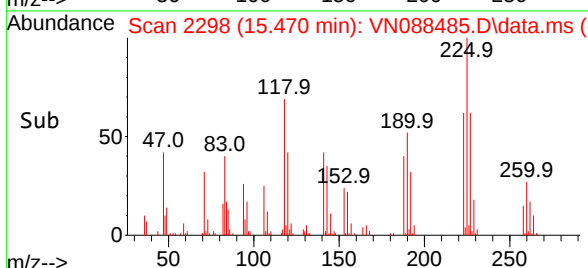
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

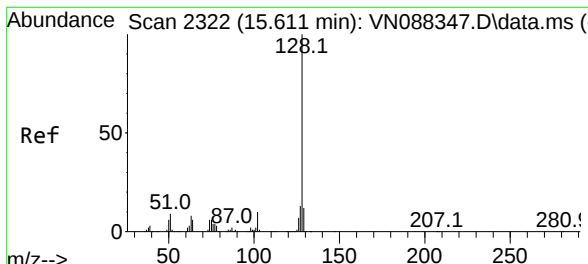


#94
Hexachlorobutadiene
Concen: 36.899 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23



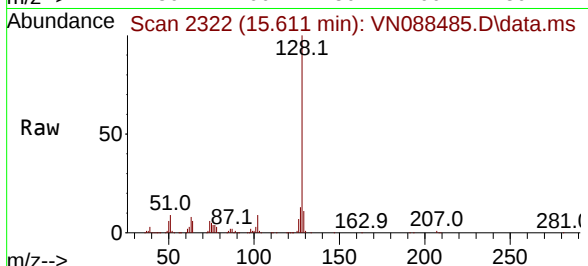
Tgt Ion:225 Resp: 54066
Ion Ratio Lower Upper
225 100
223 63.8 32.3 96.8
227 65.3 29.9 89.8





#95
Naphthalene
Concen: 45.461 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

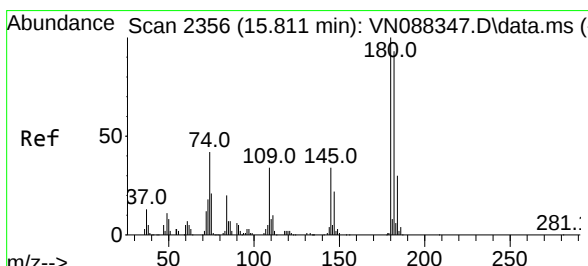
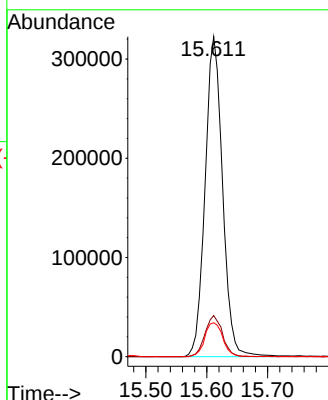
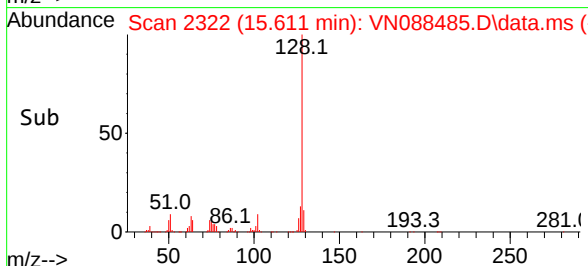
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 64235
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.1 9.0 13.6

Manual Integrations
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Supervised By :Mahesh Dadoda 12/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 42.781 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088485.D
Acq: 09 Dec 2025 17:23

Tgt Ion:180 Resp: 169770
Ion Ratio Lower Upper
180 100
182 95.5 45.9 137.7
145 36.6 17.8 53.4

