

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111925\
 Data File : VD080546.D
 Acq On : 19 Nov 2025 13:01
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025

Quant Time: Nov 20 04:06:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111725S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 18 00:45:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	277517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	439157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	362195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	162098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	102227	43.871	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.740%		
35) Dibromofluoromethane	7.806	113	125154	48.408	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.820%		
50) Toluene-d8	10.270	98	514202	49.164	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.320%		
62) 4-Bromofluorobenzene	12.570	95	140552	46.744	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	96435	46.627	ug/l	97
3) Chloromethane	2.147	50	148787	44.559	ug/l	98
4) Vinyl Chloride	2.288	62	189799	47.975	ug/l	97
5) Bromomethane	2.700	94	135976	46.354	ug/l	99
6) Chloroethane	2.841	64	133524	49.165	ug/l	92
7) Trichlorofluoromethane	3.182	101	221633	49.229	ug/l	99
8) Diethyl Ether	3.600	74	48835	39.358	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.970	101	141058	49.576	ug/l	99
10) Methyl Iodide	4.170	142	185489	50.702	ug/l	98
11) Tert butyl alcohol	5.035	59	20638	190.173	ug/l #	87
12) 1,1-Dichloroethene	3.941	96	138925	46.392	ug/l	95
13) Acrolein	3.794	56	29051	153.883	ug/l	98
14) Allyl chloride	4.565	41	192995	41.271	ug/l	92
15) Acrylonitrile	5.247	53	97951	195.580	ug/l	99
16) Acetone	4.018	43	64390	189.014	ug/l	95
17) Carbon Disulfide	4.276	76	431610	44.791	ug/l	100
18) Methyl Acetate	4.565	43	39553	37.754	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	219919	41.428	ug/l	98
20) Methylene Chloride	4.806	84	146947	42.729	ug/l	94
21) trans-1,2-Dichloroethene	5.312	96	154609	46.299	ug/l	95
22) Diisopropyl ether	6.217	45	342736	40.559	ug/l	99
23) Vinyl Acetate	6.153	43	876368	199.153	ug/l	98
24) 1,1-Dichloroethane	6.112	63	257085	44.496	ug/l	99
25) 2-Butanone	7.076	43	99069	185.472	ug/l	91
26) 2,2-Dichloropropane	7.076	77	232853	46.860	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	173124	44.496	ug/l	99
28) Bromochloromethane	7.423	49	87995	41.616	ug/l	96
29) Tetrahydrofuran	7.441	42	65092	182.915	ug/l	96
30) Chloroform	7.600	83	260357	45.953	ug/l	95
31) Cyclohexane	7.876	56	242231	43.767	ug/l	100
32) 1,1,1-Trichloroethane	7.794	97	240710	48.362	ug/l	99
36) 1,1-Dichloropropene	8.011	75	202401	50.643	ug/l	98
37) Ethyl Acetate	7.164	43	48311	39.962	ug/l #	78
38) Carbon Tetrachloride	7.994	117	214136	53.318	ug/l	99
39) Methylcyclohexane	9.276	83	270049	51.211	ug/l	96
40) Benzene	8.253	78	594988	48.078	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	31590	40.001	ug/l	97
42) 1,2-Dichloroethane	8.323	62	119911	46.428	ug/l	100
43) Isopropyl Acetate	8.358	43	96188	40.564	ug/l	97
44) Trichloroethene	9.029	130	157359	50.299	ug/l	99
45) 1,2-Dichloropropane	9.306	63	130182	45.947	ug/l	99
46) Dibromomethane	9.394	93	64259	45.978	ug/l	98
47) Bromodichloromethane	9.582	83	181816	48.171	ug/l	99
48) Methyl methacrylate	9.376	41	49276	41.861	ug/l	95
49) 1,4-Dioxane	9.382	88	11284	866.133	ug/l	95
51) 4-Methyl-2-Pentanone	10.158	43	223568	203.193	ug/l	99
52) Toluene	10.335	92	382191	48.834	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	152991	45.743	ug/l	95
54) cis-1,3-Dichloropropene	10.017	75	200896	46.572	ug/l	99
55) 1,1,2-Trichloroethane	10.735	97	80120	44.812	ug/l	95
56) Ethyl methacrylate	10.600	69	88232	42.769	ug/l	96
57) 1,3-Dichloropropane	10.876	76	140425	45.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	267208	230.844	ug/l	97
59) 2-Hexanone	10.917	43	153954	200.157	ug/l	96
60) Dibromochloromethane	11.076	129	109013	45.885	ug/l	95
61) 1,2-Dibromoethane	11.176	107	78166	45.452	ug/l	99
64) Tetrachloroethene	10.811	164	136282	52.309	ug/l	96
65) Chlorobenzene	11.605	112	400864	49.702	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.682	131	127963	50.730	ug/l	99
67) Ethyl Benzene	11.682	91	743593	50.865	ug/l	99
68) m/p-Xylenes	11.794	106	579240	103.605	ug/l	97
69) o-Xylene	12.117	106	258237	49.959	ug/l	99
70) Styrene	12.135	104	425707	49.900	ug/l	99
71) Bromoform	12.299	173	56866	48.259	ug/l #	99
73) Isopropylbenzene	12.417	105	711362	51.699	ug/l	99
74) N-amyl acetate	12.229	43	84033	39.399	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	74176	42.983	ug/l	96
76) 1,2,3-Trichloropropane	12.723	75	67455m	53.427	ug/l	
77) Bromobenzene	12.699	156	144652	49.527	ug/l	94
78) n-propylbenzene	12.758	91	845048	51.193	ug/l	98
79) 2-Chlorotoluene	12.847	91	448954	49.438	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	552428	50.787	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	26516	40.107	ug/l	94
82) 4-Chlorotoluene	12.946	91	455310	49.317	ug/l	99
83) tert-Butylbenzene	13.164	119	498833	51.002	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	542284	50.667	ug/l	99
85) sec-Butylbenzene	13.341	105	753018	52.003	ug/l	99
86) p-Isopropyltoluene	13.458	119	633491	52.756	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	298095	51.370	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	285987	50.401	ug/l	98
89) n-Butylbenzene	13.788	91	591475	51.655	ug/l	99
90) Hexachloroethane	14.052	117	117962	50.359	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	233890	48.771	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	9349	39.347	ug/l	93
93) 1,2,4-Trichlorobenzene	15.099	180	142231	48.025	ug/l	100
94) Hexachlorobutadiene	15.199	225	88296	53.542	ug/l	99
95) Naphthalene	15.329	128	211701	43.927	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	113019	47.106	ug/l	97

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Response via : Initial Calibration

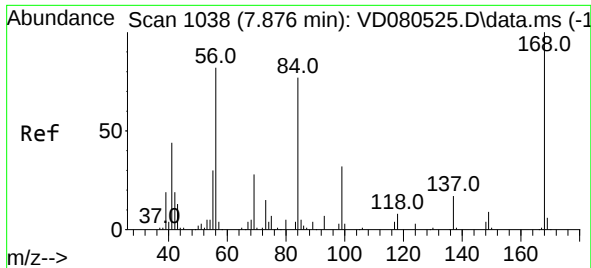
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

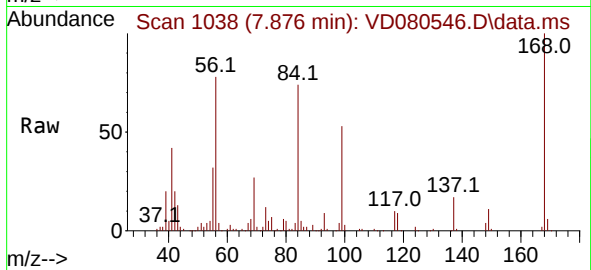
Quant Time: Nov 20 04:06:09 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

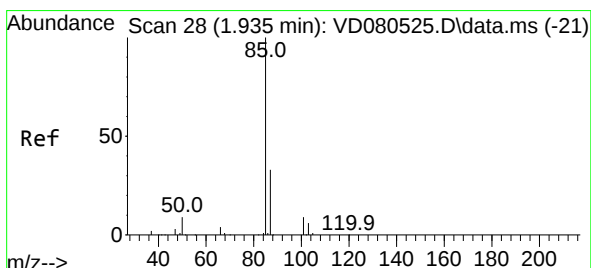
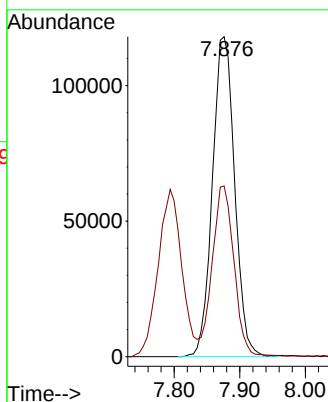
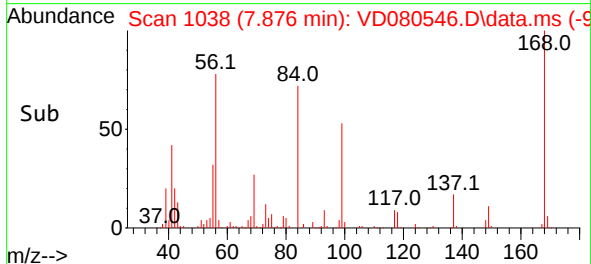
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 27751
Ion Ratio Lower Upper
168 100
99 53.0 42.5 63.7

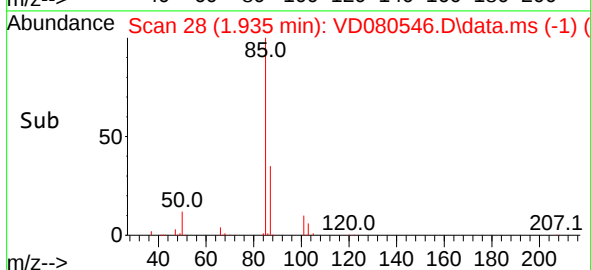
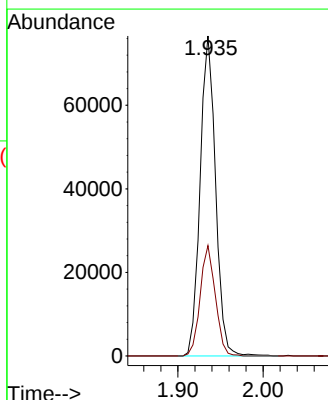
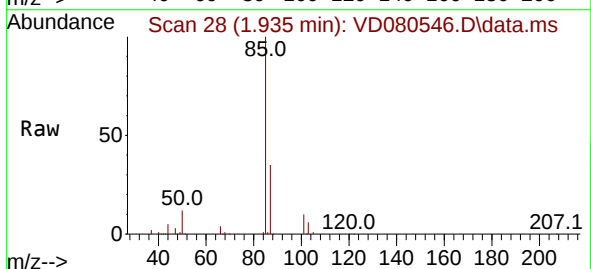
Manual Integrations
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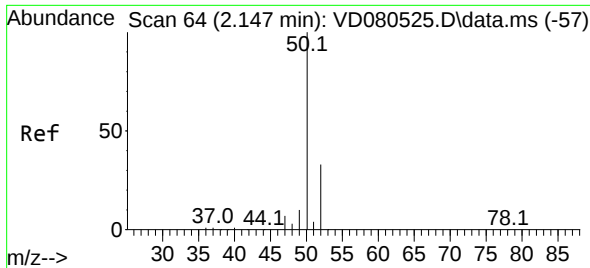
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#2
Dichlorodifluoromethane
Concen: 46.627 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

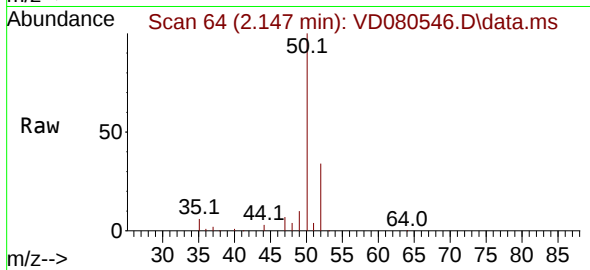
Tgt Ion: 85 Resp: 96435
Ion Ratio Lower Upper
85 100
87 34.5 16.5 49.5





#3
Chloromethane
Concen: 44.559 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

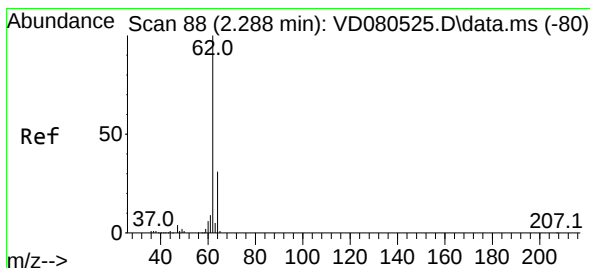
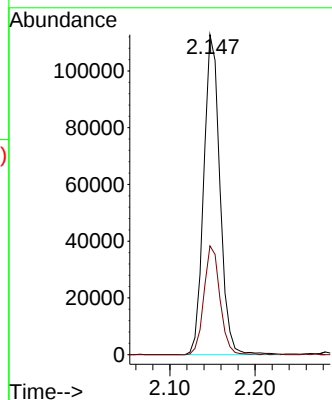
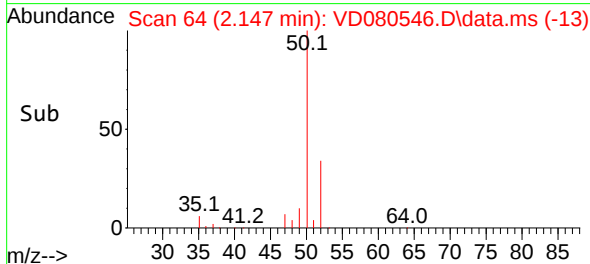
Instrument :
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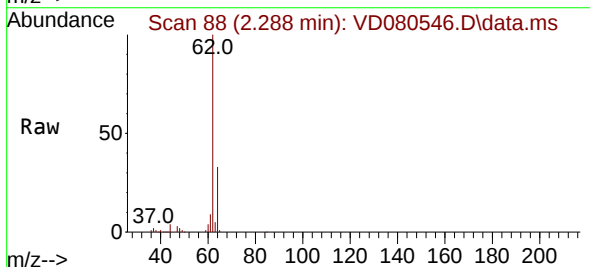
Tgt Ion: 50 Resp: 14878
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7

Manual Integrations
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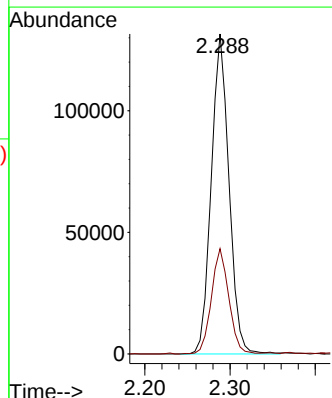
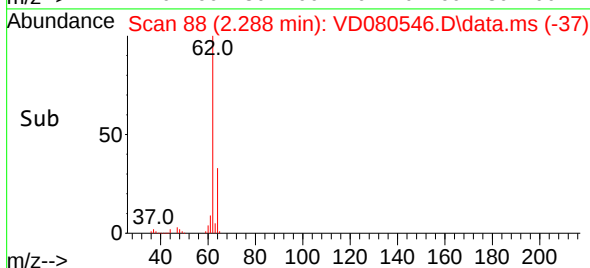
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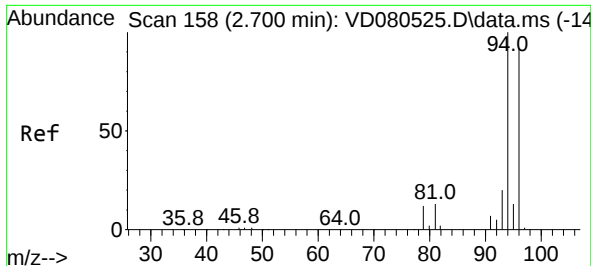


#4
Vinyl Chloride
Concen: 47.975 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



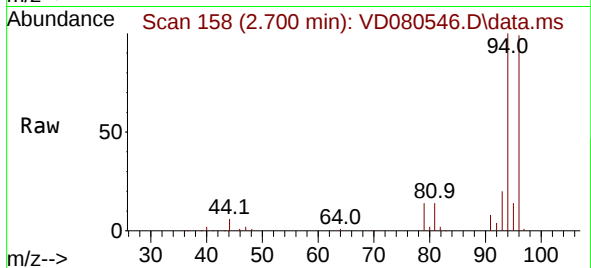
Tgt Ion: 62 Resp: 189799
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.6





#5
Bromomethane
Concen: 46.354 ug/l
RT: 2.700 min Scan# 158
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

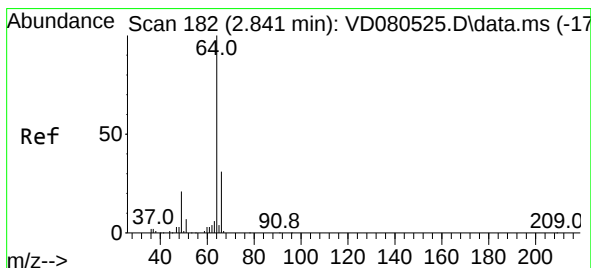
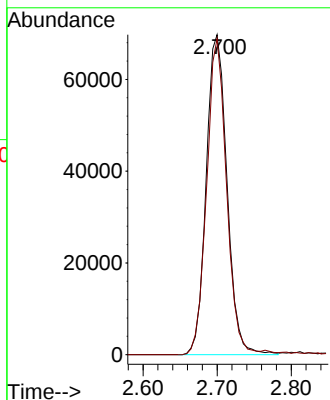
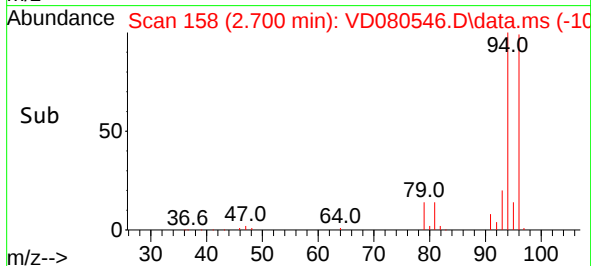
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Tgt Ion: 94 Resp: 135970
Ion Ratio Lower Upper
94 100
96 94.2 74.6 112.0

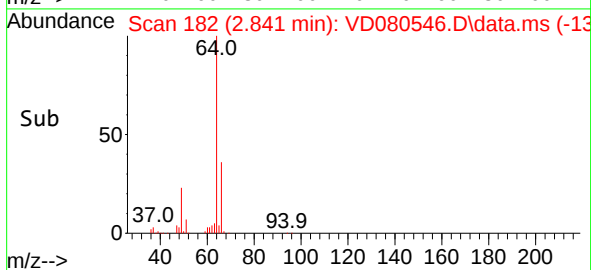
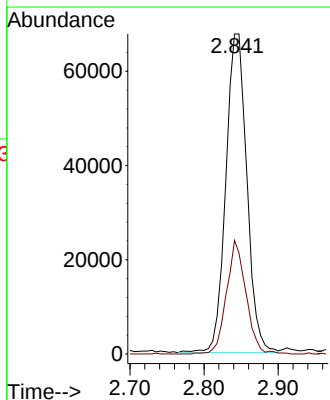
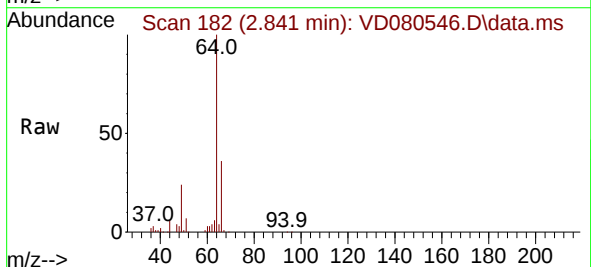
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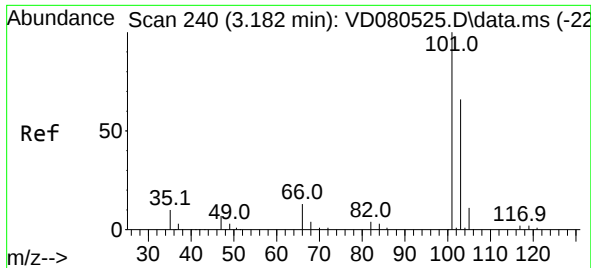
Reviewed By :Amit Patel 11/20/2025
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#6
Chloroethane
Concen: 49.165 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

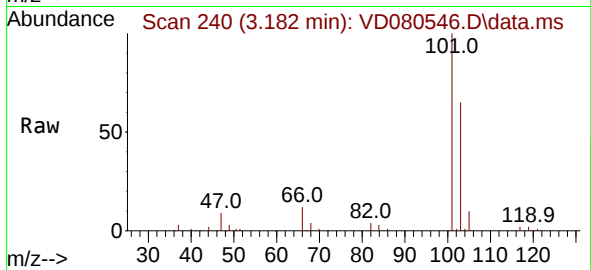
Tgt Ion: 64 Resp: 133524
Ion Ratio Lower Upper
64 100
66 35.7 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 49.229 ug/l
 RT: 3.182 min Scan# 240
 Delta R.T. 0.000 min
 Lab File: VD080546.D
 Acq: 19 Nov 2025 13:01

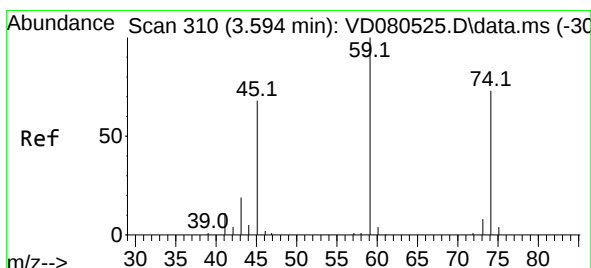
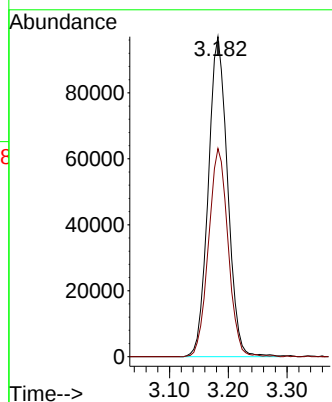
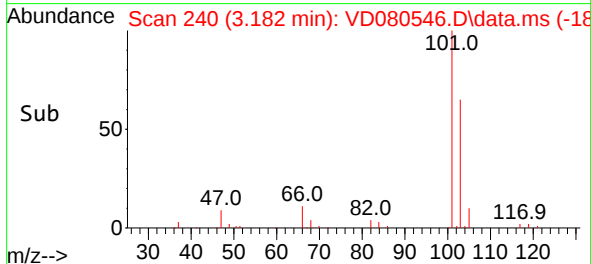
Instrument :
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 ClientSampleId :
 VSTDCCC050EC



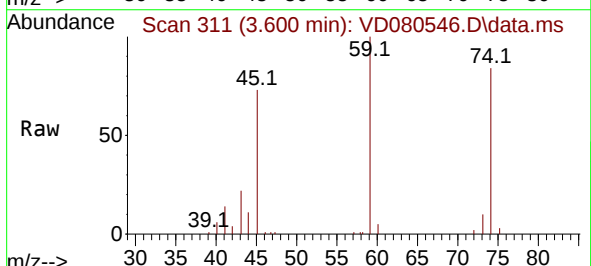
Tgt Ion:101 Resp: 22163
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.6 78.8

Manual Integrations
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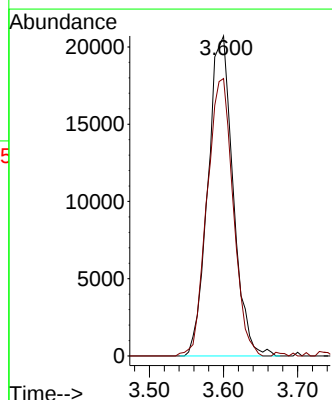
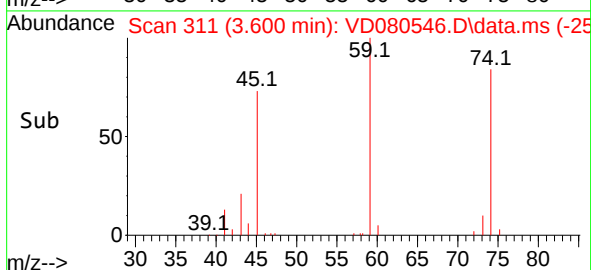
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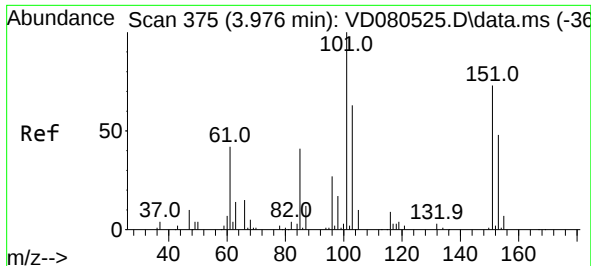


#8
 Diethyl Ether
 Concen: 39.358 ug/l
 RT: 3.600 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VD080546.D
 Acq: 19 Nov 2025 13:01



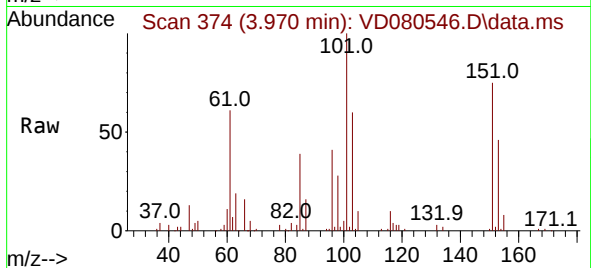
Tgt Ion: 74 Resp: 48835
 Ion Ratio Lower Upper
 74 100
 45 89.9 46.9 140.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.576 ug/l
RT: 3.970 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

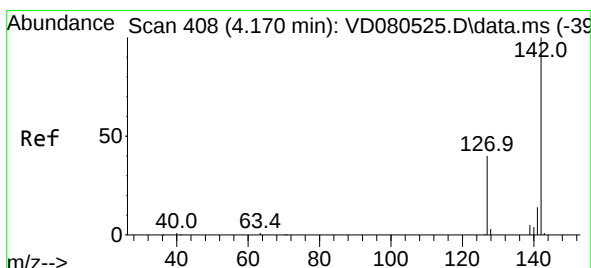
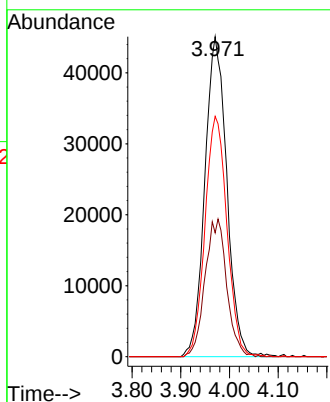
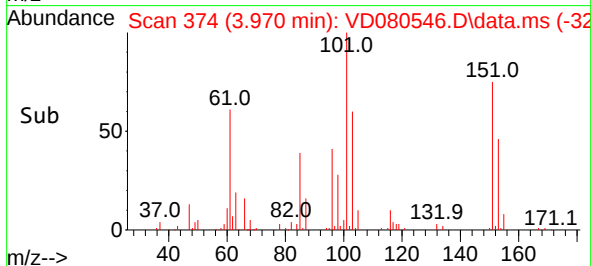
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 141058
Ion Ratio Lower Upper
101 100
85 42.5 33.8 50.6
151 75.0 59.6 89.4

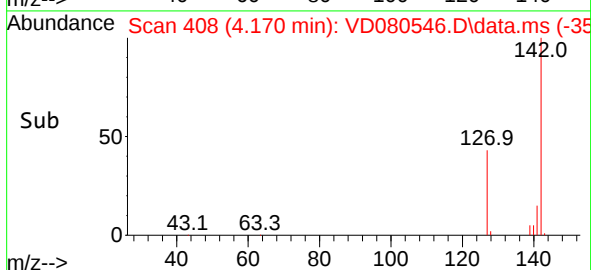
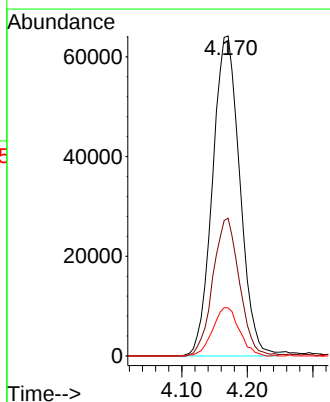
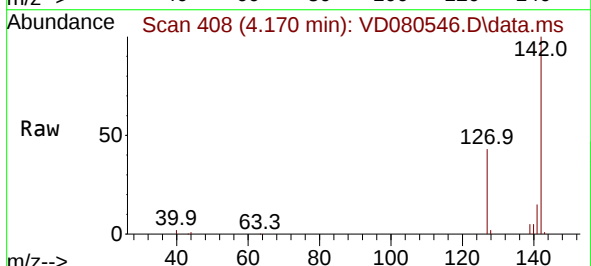
Manual Integrations
APPROVED

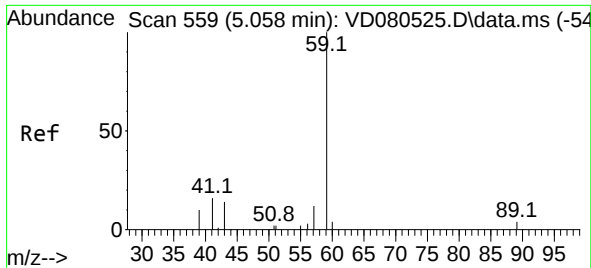
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#10
Methyl Iodide
Concen: 50.702 ug/l
RT: 4.170 min Scan# 408
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Tgt Ion:142 Resp: 185489
Ion Ratio Lower Upper
142 100
127 42.0 32.6 49.0
141 14.8 11.4 17.2





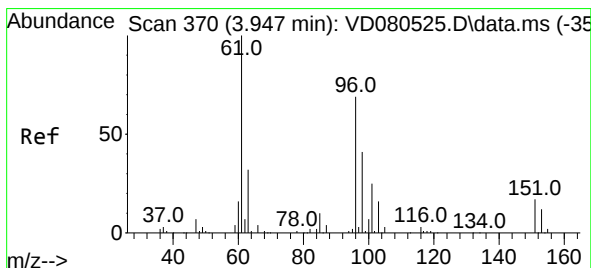
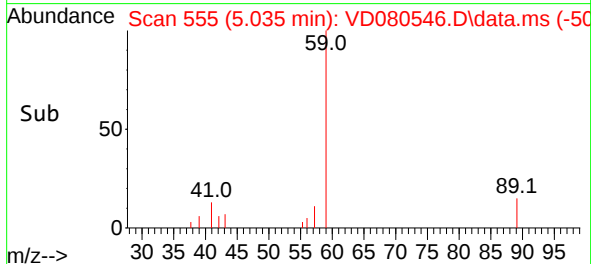
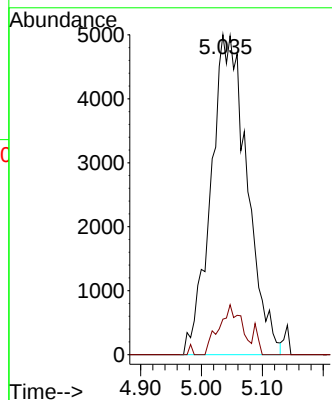
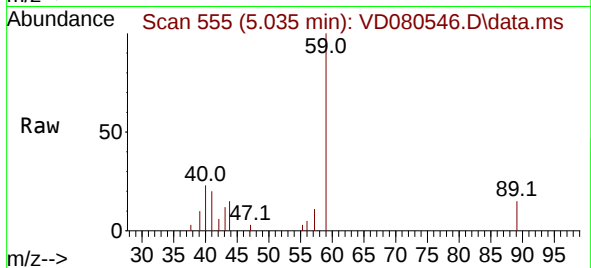
#11
Tert butyl alcohol
Concen: 190.173 ug/l
RT: 5.035 min Scan# 51
Delta R.T. -0.023 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 20638
Ion Ratio Lower Upper
59 100
57 9.8 4.5 6.7

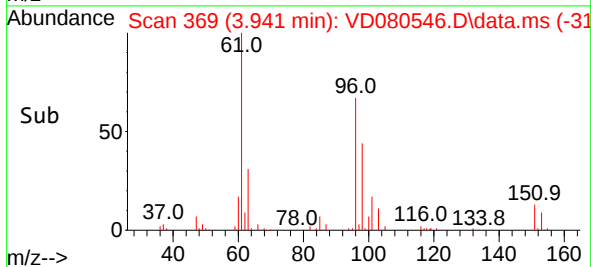
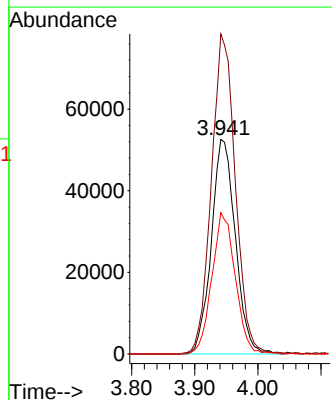
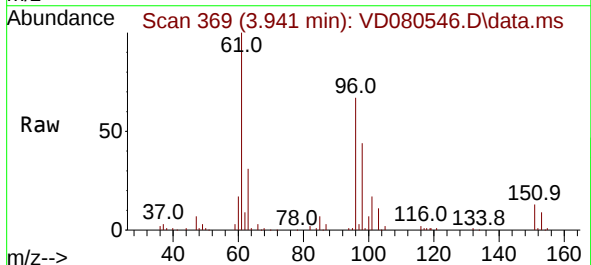
Manual Integrations
APPROVED

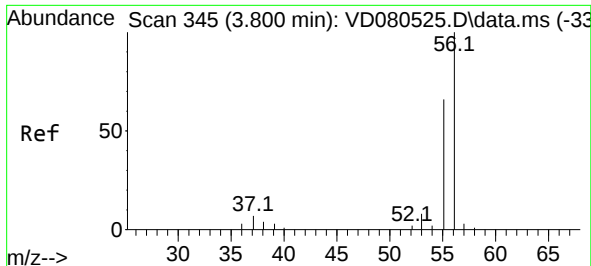
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#12
1,1-Dichloroethene
Concen: 46.392 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

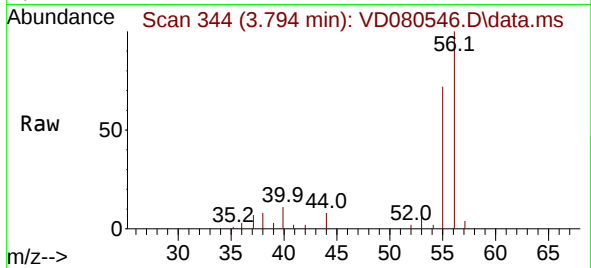
Tgt Ion: 96 Resp: 138925
Ion Ratio Lower Upper
96 100
61 149.2 116.2 174.2
98 65.9 47.6 71.4





#13
Acrolein
Concen: 153.883 ug/l
RT: 3.794 min Scan# 345
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

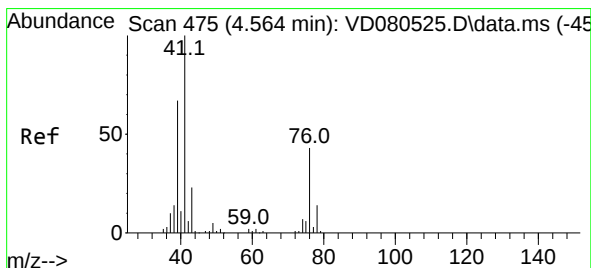
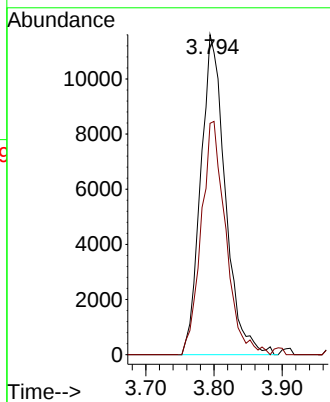
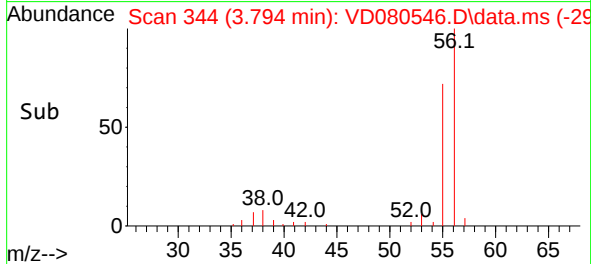
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2905
Ion Ratio Lower Upper
56 100
55 72.8 57.2 85.8

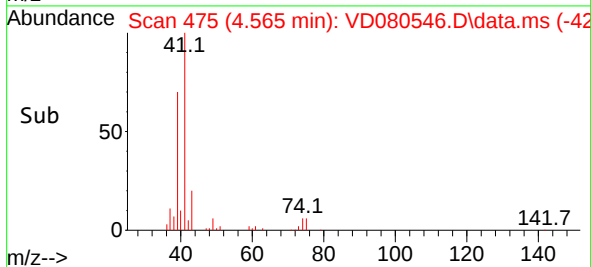
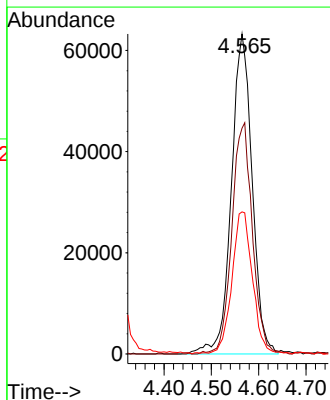
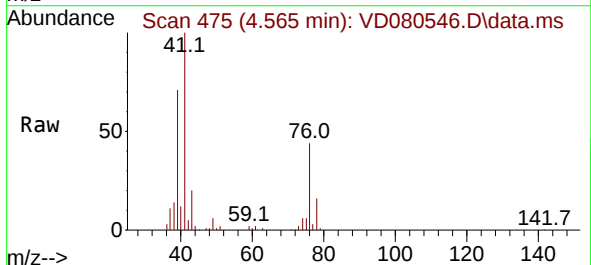
Manual Integrations
APPROVED

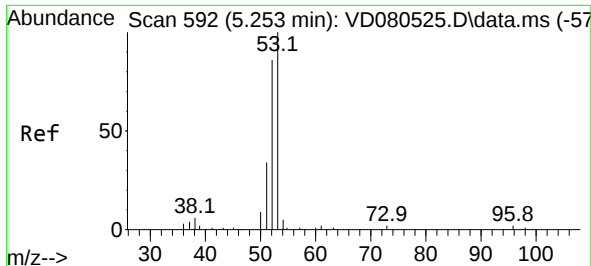
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#14
Allyl chloride
Concen: 41.271 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

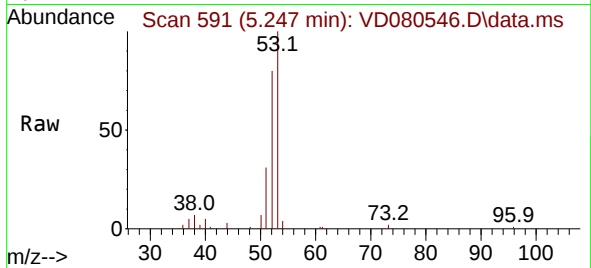
Tgt Ion: 41 Resp: 192995
Ion Ratio Lower Upper
41 100
39 71.5 51.4 77.2
76 43.8 32.6 48.8





#15
Acrylonitrile
Concen: 195.580 ug/l
RT: 5.247 min Scan# 591
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

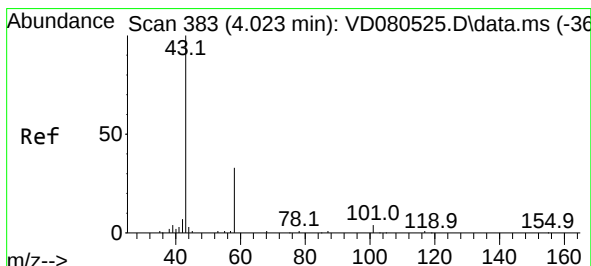
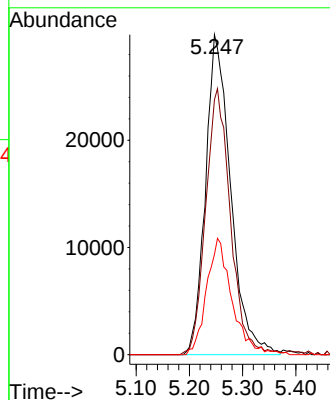
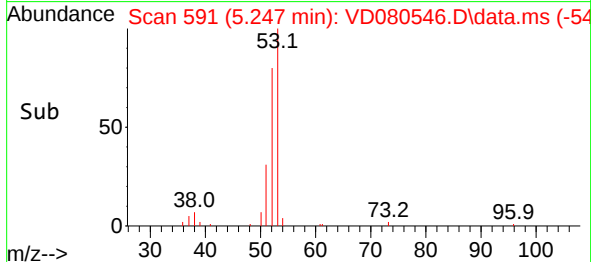
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



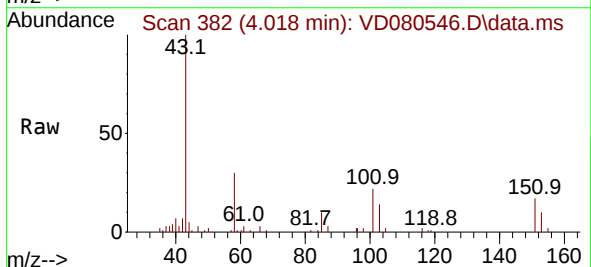
Tgt Ion: 53 Resp: 9795
Ion Ratio Lower Upper
53 100
52 81.7 64.9 97.3
51 36.7 28.8 43.2

Manual Integrations
APPROVED

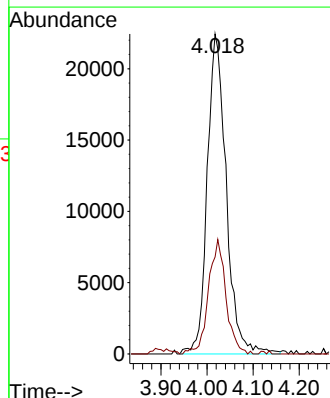
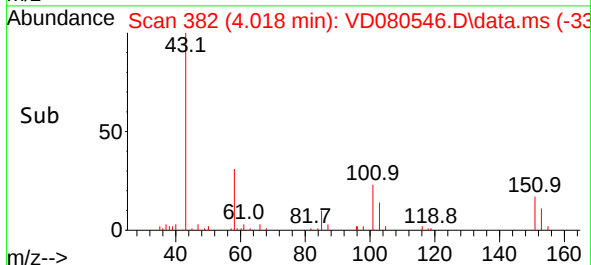
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

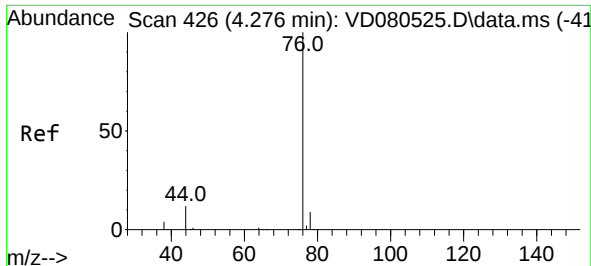


#16
Acetone
Concen: 189.014 ug/l
RT: 4.018 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



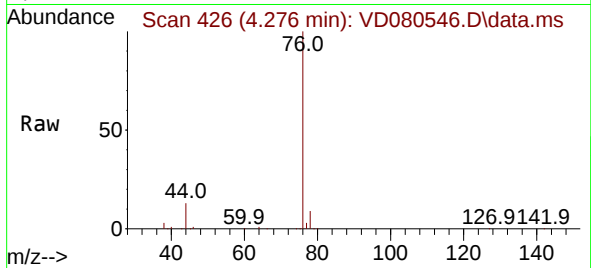
Tgt Ion: 43 Resp: 64390
Ion Ratio Lower Upper
43 100
58 30.3 26.6 40.0





#17
Carbon Disulfide
Concen: 44.791 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

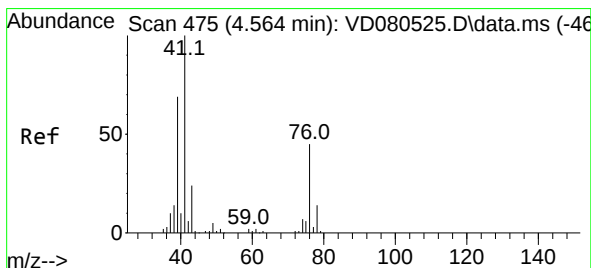
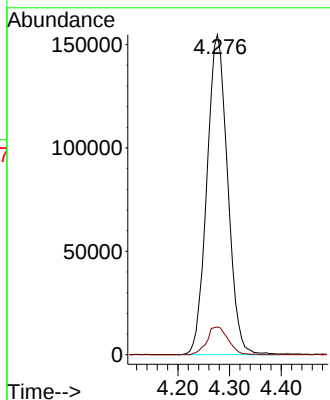
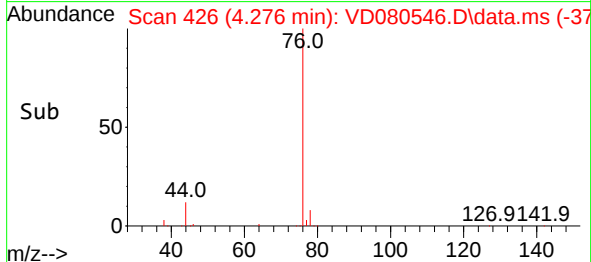
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 431610
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

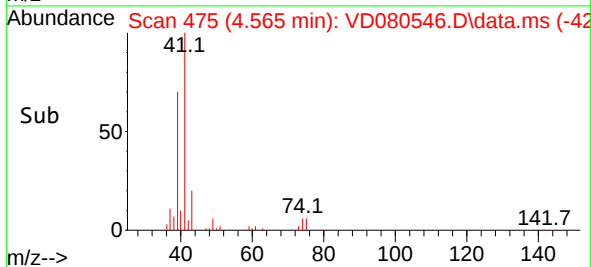
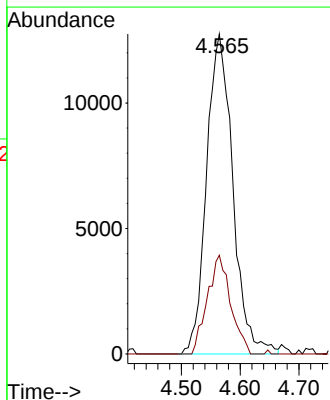
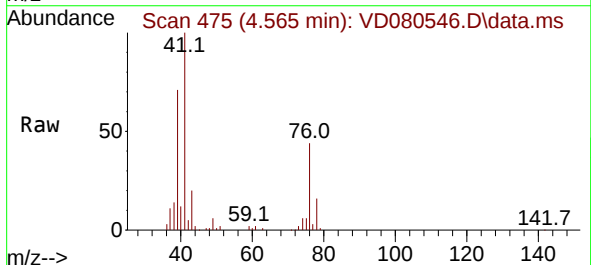
Manual Integrations
APPROVED

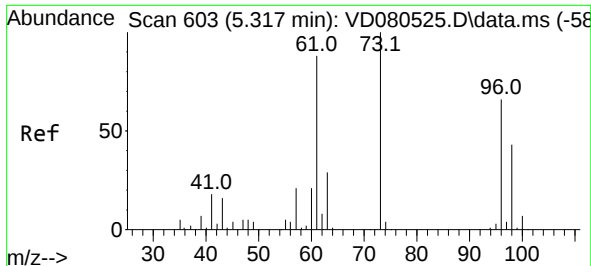
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#18
Methyl Acetate
Concen: 37.754 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

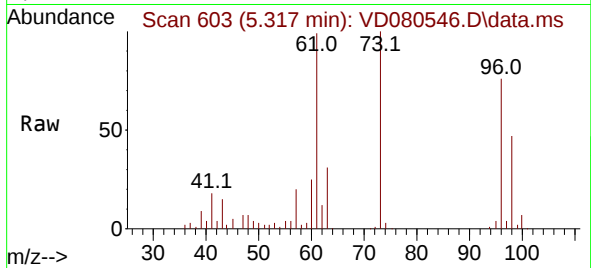
Tgt Ion: 43 Resp: 39553
Ion Ratio Lower Upper
43 100
74 27.4 21.7 32.5





#19
Methyl tert-butyl Ether
Concen: 41.428 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

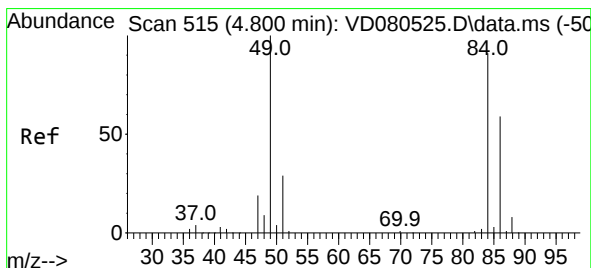
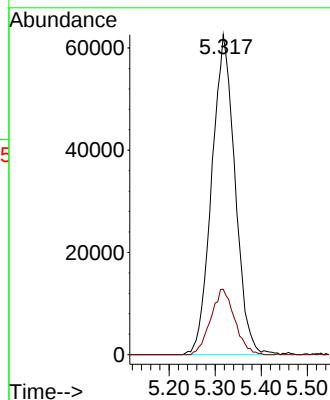
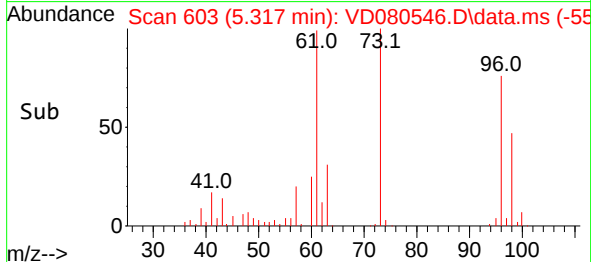
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



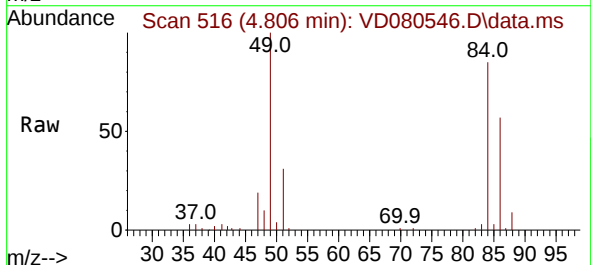
Tgt Ion: 73 Resp: 219919
Ion Ratio Lower Upper
73 100
57 20.4 17.1 25.7

Manual Integrations
APPROVED

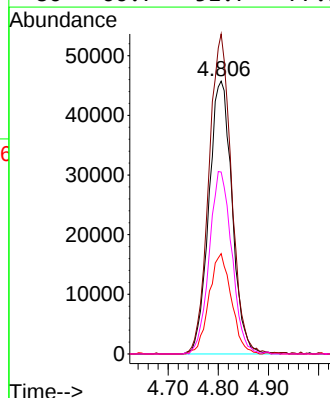
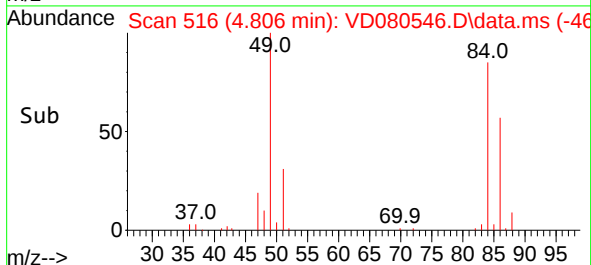
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

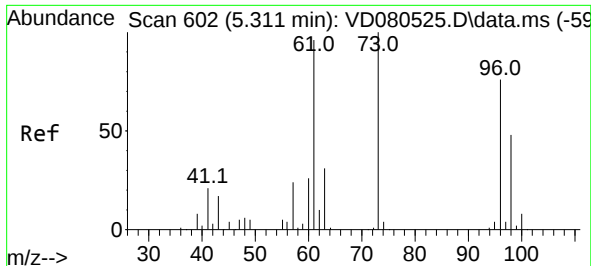


#20
Methylene Chloride
Concen: 42.729 ug/l
RT: 4.806 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



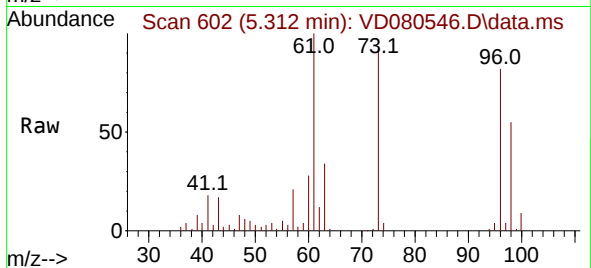
Tgt Ion: 84 Resp: 146947
Ion Ratio Lower Upper
84 100
49 117.3 87.9 131.9
51 36.8 25.4 38.2
86 66.7 51.7 77.5





#21
trans-1,2-Dichloroethene
Concen: 46.299 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

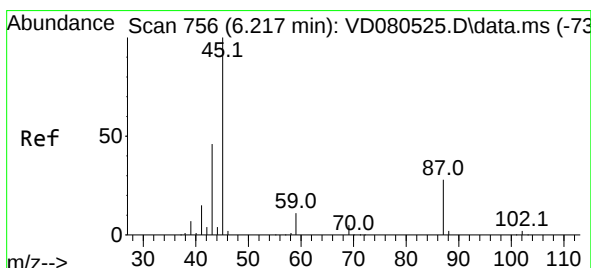
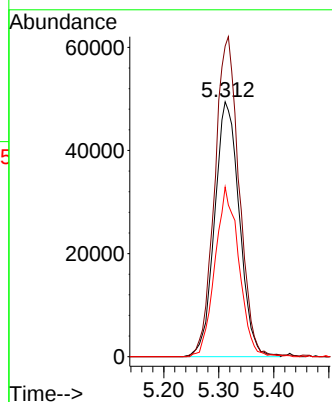
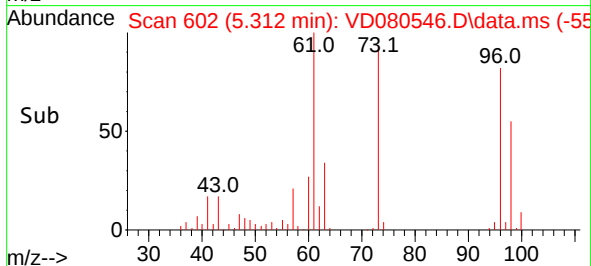
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



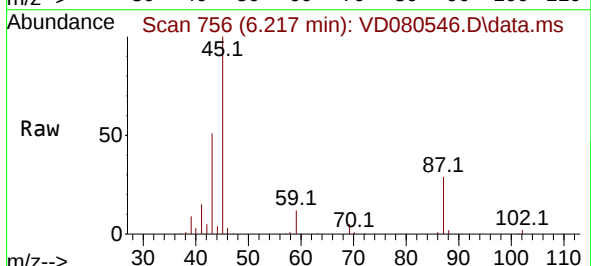
Tgt Ion: 96 Resp: 154609
Ion Ratio Lower Upper
96 100
61 121.8 102.0 153.0
98 66.5 50.5 75.7

Manual Integrations
APPROVED

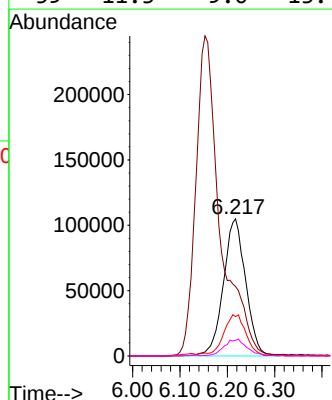
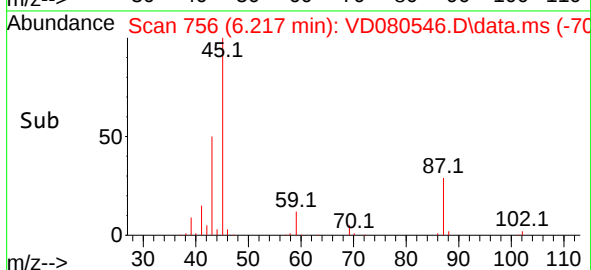
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

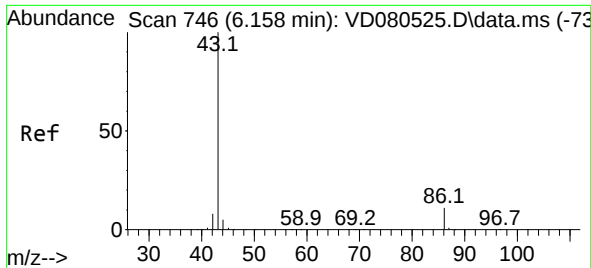


#22
Diisopropyl ether
Concen: 40.559 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



Tgt Ion: 45 Resp: 342736
Ion Ratio Lower Upper
45 100
43 49.5 40.6 60.8
87 28.5 23.0 34.6
59 11.3 9.0 13.4





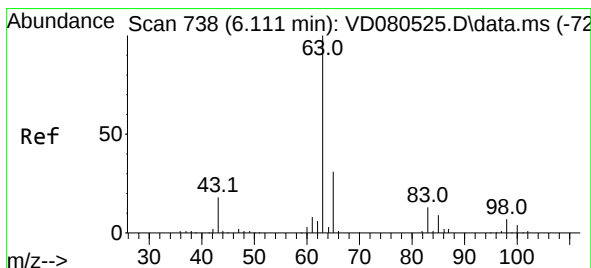
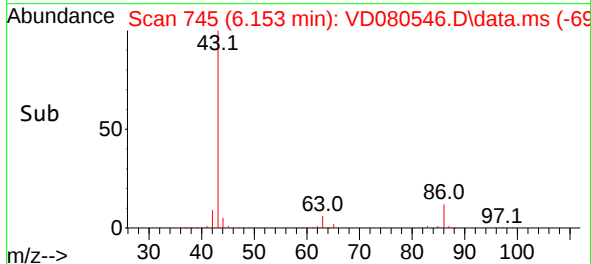
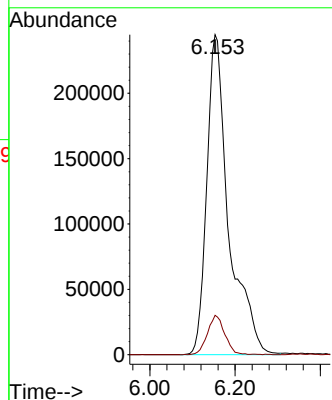
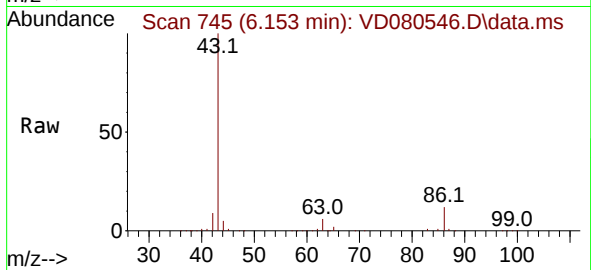
#23
 Vinyl Acetate
 Concen: 199.153 ug/l
 RT: 6.153 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD080546.D
 Acq: 19 Nov 2025 13:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 876368
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.1 13.7

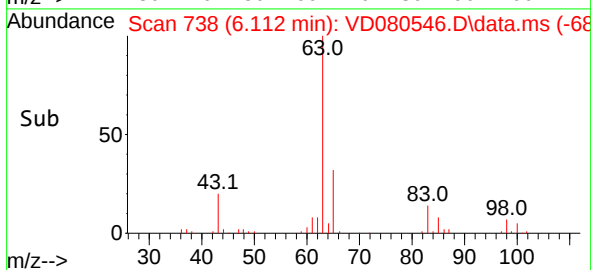
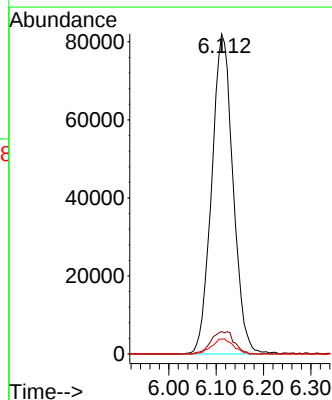
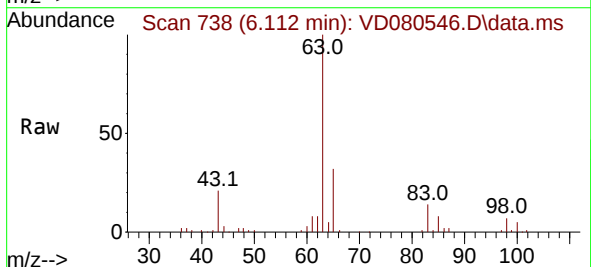
Manual Integrations
 APPROVED

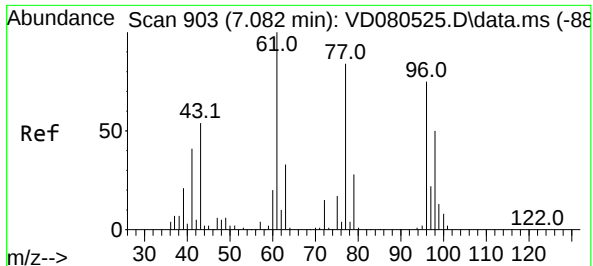
Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025



#24
 1,1-Dichloroethane
 Concen: 44.496 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080546.D
 Acq: 19 Nov 2025 13:01

Tgt Ion: 63 Resp: 257085
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.6 2.0 6.0





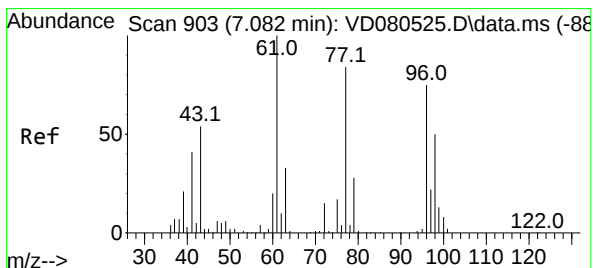
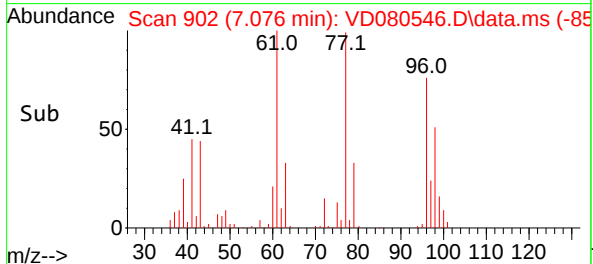
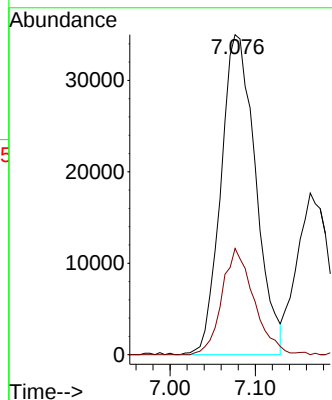
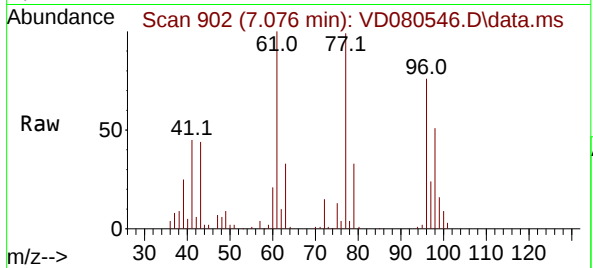
#25
2-Butanone
Concen: 185.472 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 99069
Ion Ratio Lower Upper
43 100
72 33.2 22.6 34.0

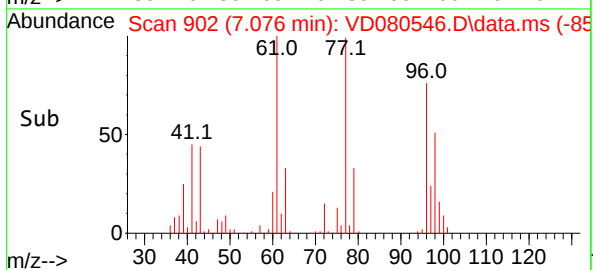
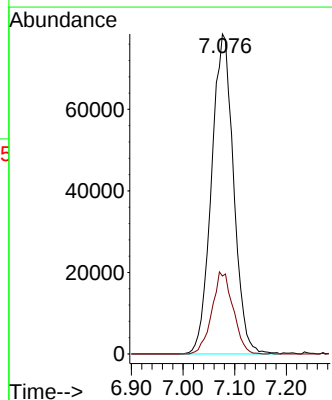
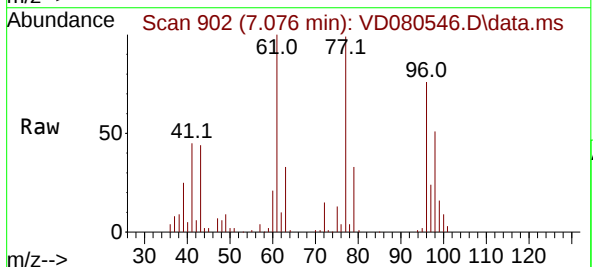
Manual Integrations
APPROVED

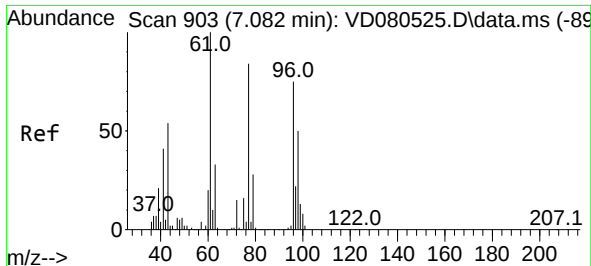
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#26
2,2-Dichloropropane
Concen: 46.860 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

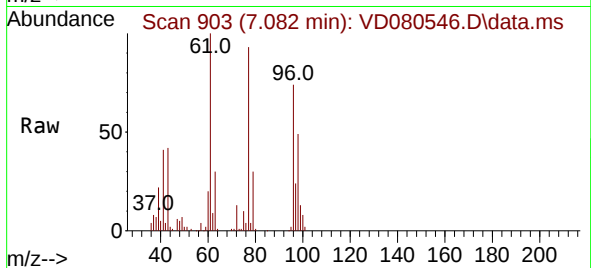
Tgt Ion: 77 Resp: 232853
Ion Ratio Lower Upper
77 100
97 24.6 12.4 37.4





#27
 cis-1,2-Dichloroethene
 Concen: 44.496 ug/l
 RT: 7.082 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VD080546.D
 Acq: 19 Nov 2025 13:01

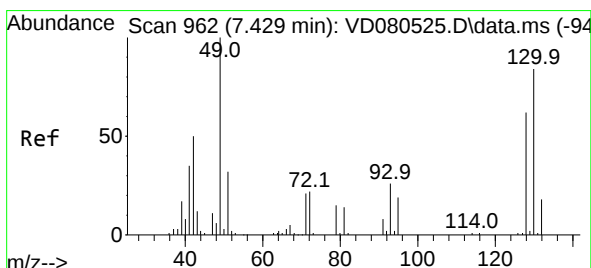
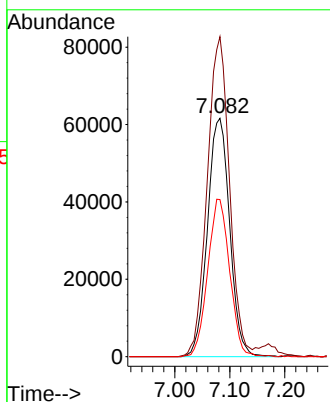
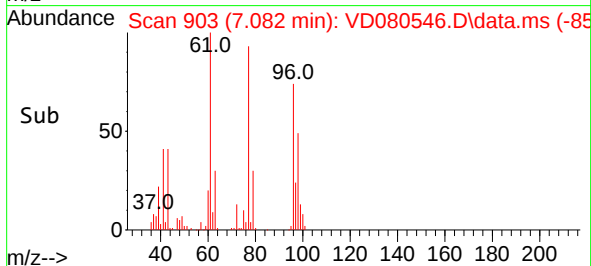
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 173124
 Ion Ratio Lower Upper
 96 100
 61 134.4 0.0 271.8
 98 65.2 0.0 130.6

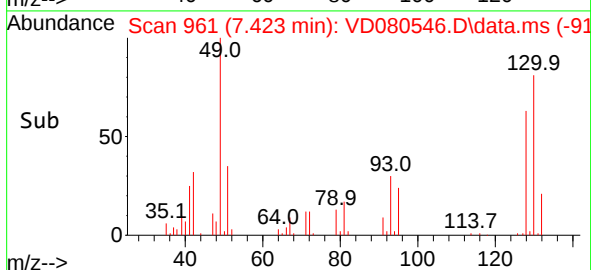
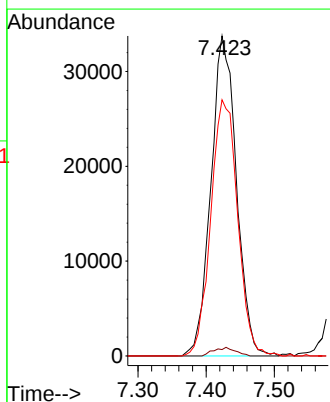
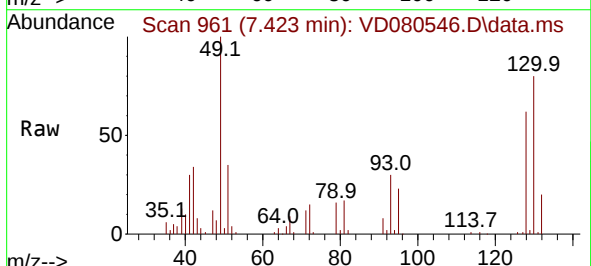
Manual Integrations
 APPROVED

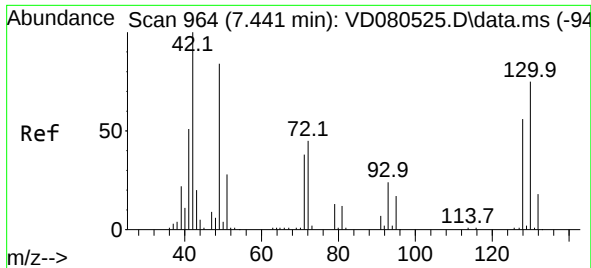
Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025



#28
 Bromochloromethane
 Concen: 41.616 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.006 min
 Lab File: VD080546.D
 Acq: 19 Nov 2025 13:01

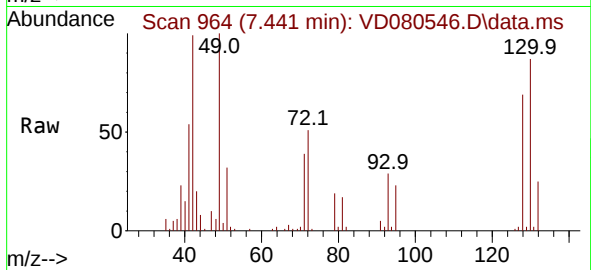
Tgt Ion: 49 Resp: 87995
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 84.1 64.3 96.5





#29
Tetrahydrofuran
Concen: 182.915 ug/l
RT: 7.441 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

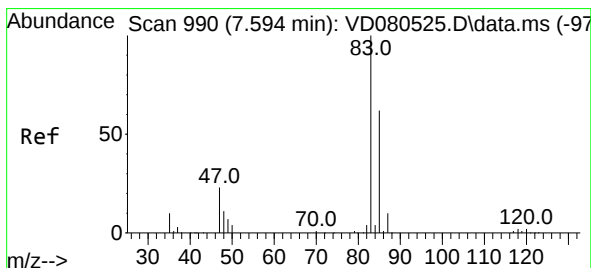
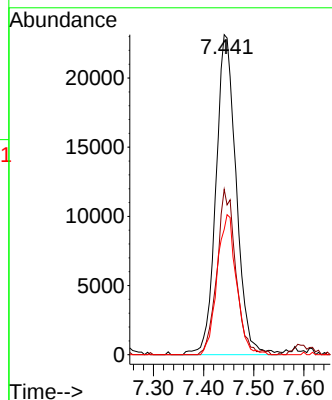
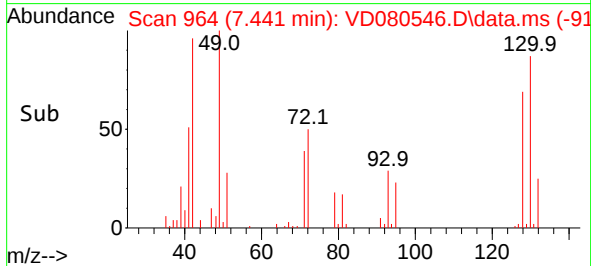
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 65092
Ion Ratio Lower Upper
42 100
72 47.4 35.4 53.2
71 41.8 32.2 48.4

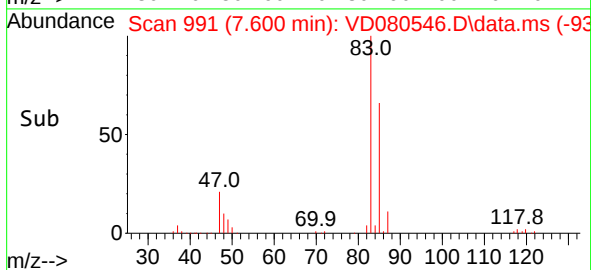
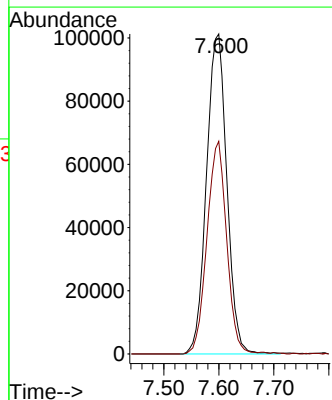
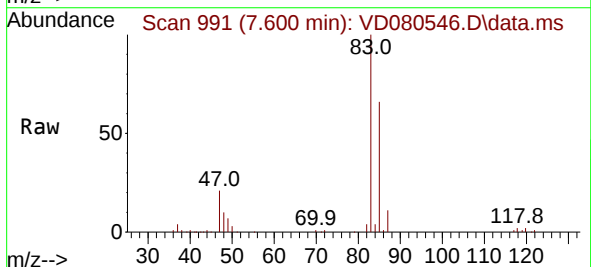
Manual Integrations
APPROVED

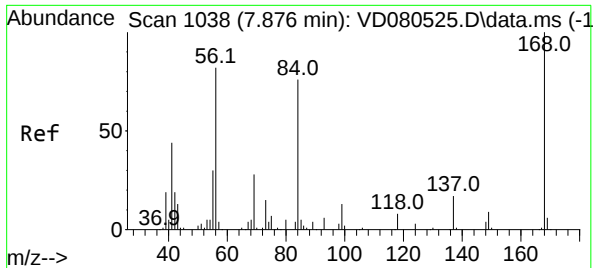
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#30
Chloroform
Concen: 45.953 ug/l
RT: 7.600 min Scan# 991
Delta R.T. 0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

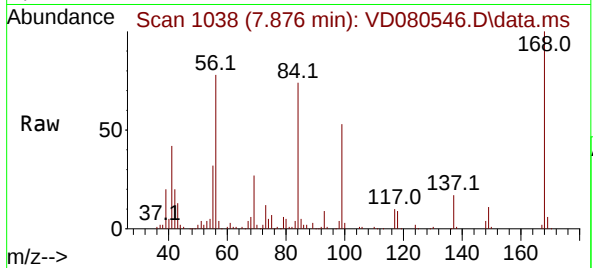
Tgt Ion: 83 Resp: 260357
Ion Ratio Lower Upper
83 100
85 66.5 49.8 74.8





#31
Cyclohexane
Concen: 43.767 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

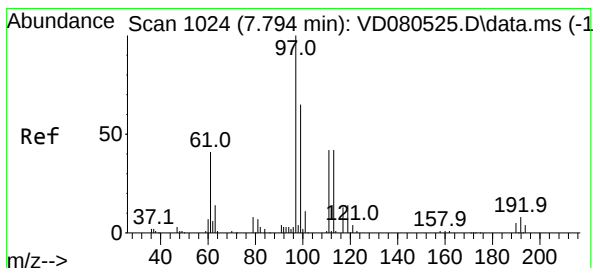
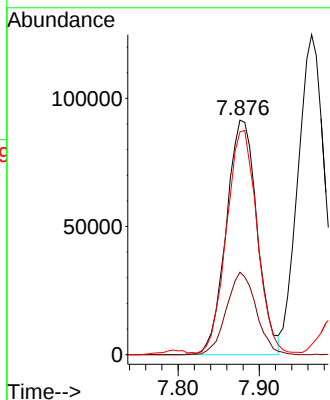
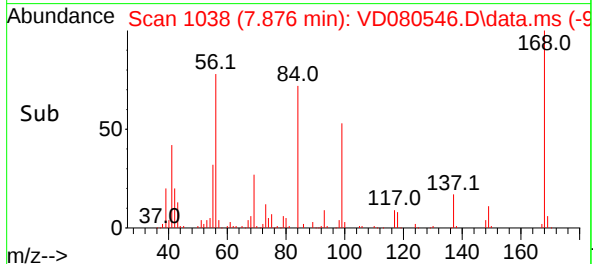
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



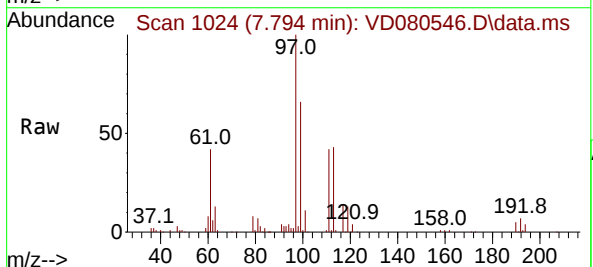
Tgt Ion: 56 Resp: 24223
Ion Ratio Lower Upper
56 100
69 35.1 27.6 41.4
84 93.3 74.6 111.8

Manual Integrations
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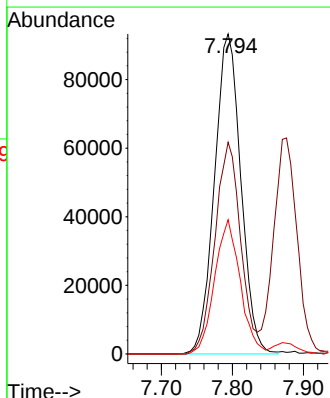
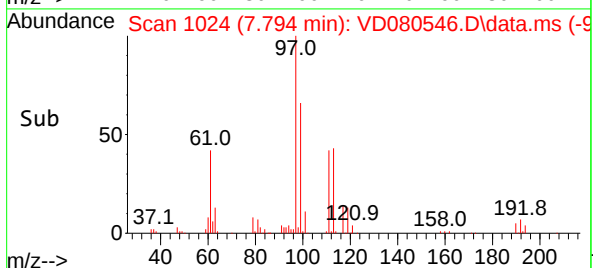
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

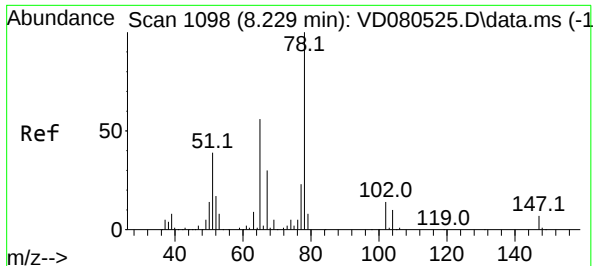


#32
1,1,1-Trichloroethane
Concen: 48.362 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



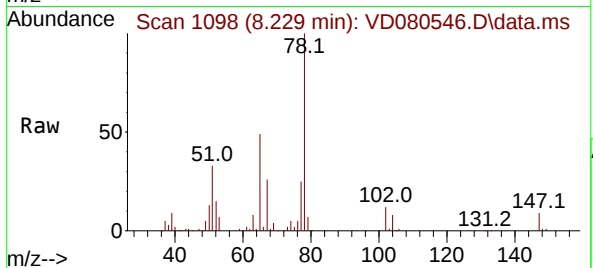
Tgt Ion: 97 Resp: 240710
Ion Ratio Lower Upper
97 100
99 64.4 50.4 75.6
61 40.7 32.8 49.2





#33
1,2-Dichloroethane-d4
Concen: 43.871 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

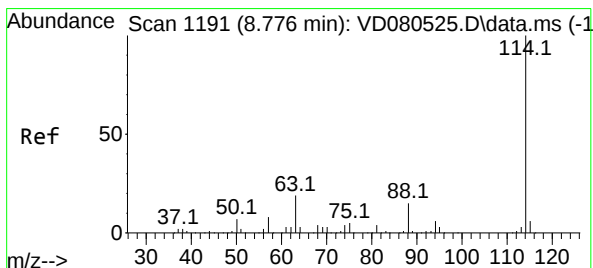
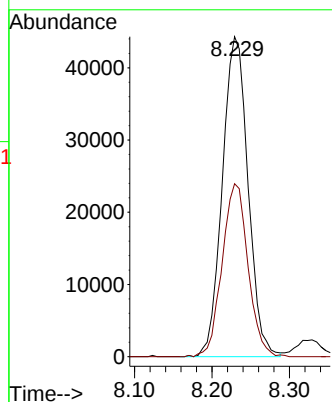
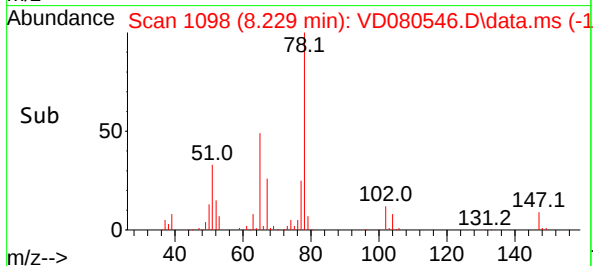
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



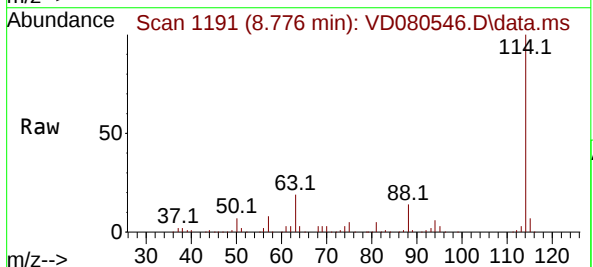
Tgt Ion: 65 Resp: 10222
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6

Manual Integrations
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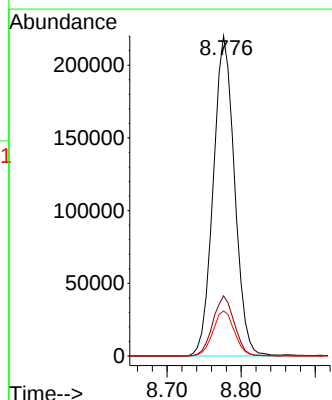
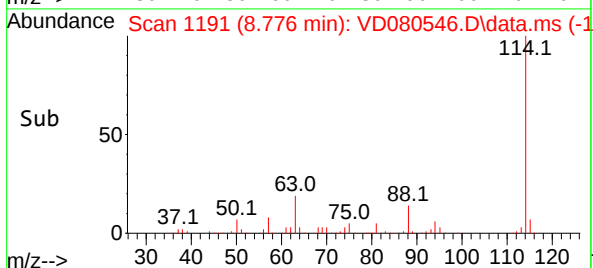
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

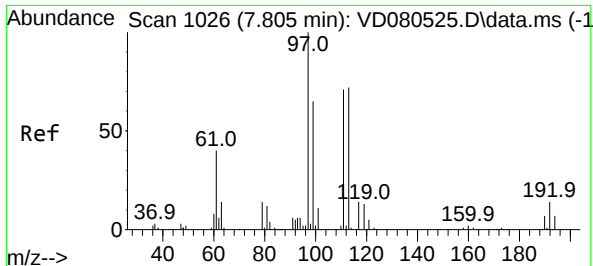


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.776 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



Tgt Ion:114 Resp: 439157
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.2
88 14.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.408 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

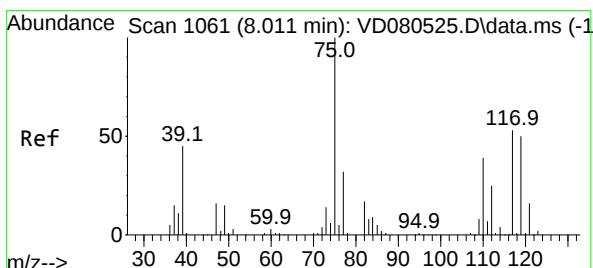
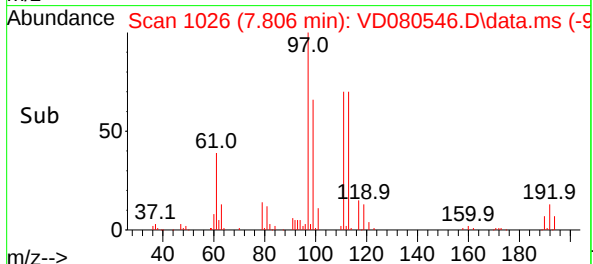
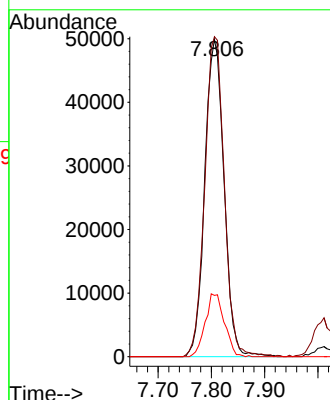
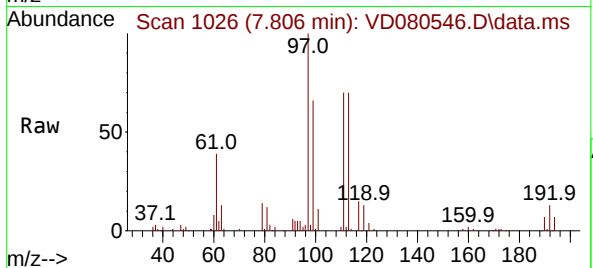
Tgt Ion:	113	Resp:	125154
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.2	123.2
192	19.7	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#36

1,1-Dichloropropene

Concen: 50.643 ug/l

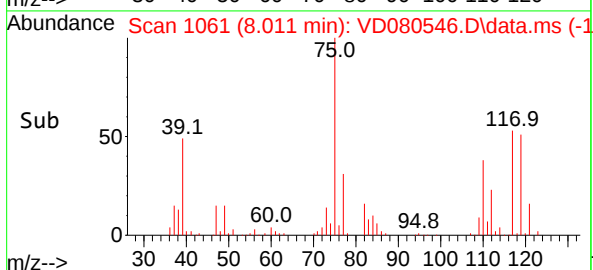
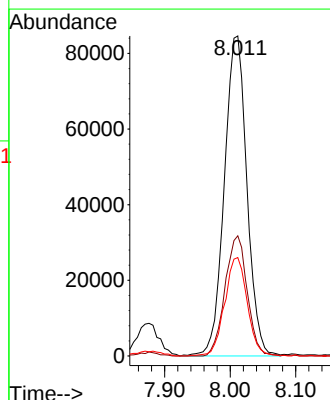
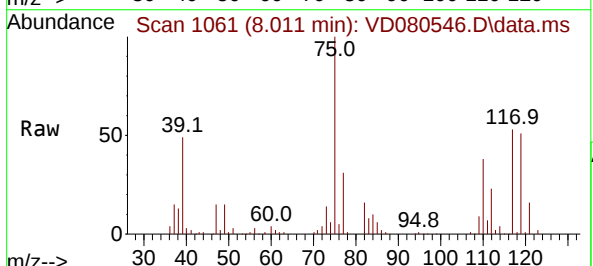
RT: 8.011 min Scan# 1061

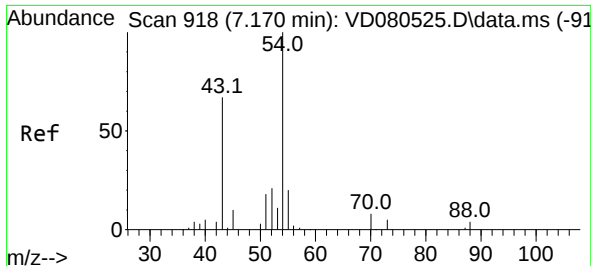
Delta R.T. 0.000 min

Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

Tgt Ion:	75	Resp:	202401
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.9	56.5
77	30.8	25.8	38.8





#37

Ethyl Acetate

Concen: 39.962 ug/l

RT: 7.164 min Scan# 917

Delta R.T. -0.006 min

Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

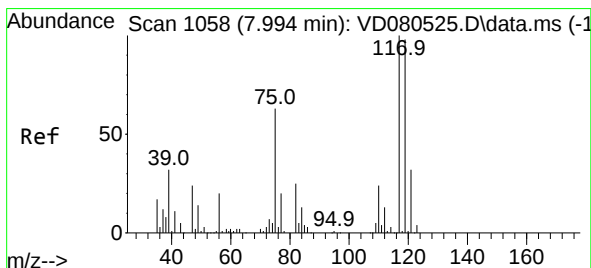
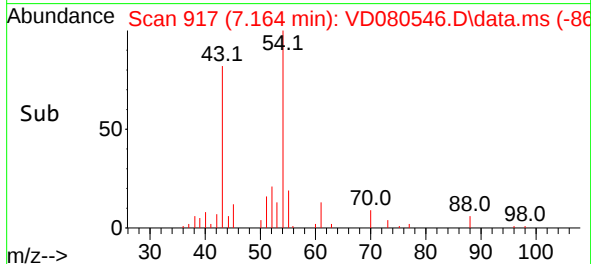
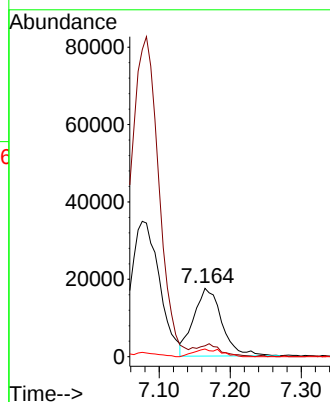
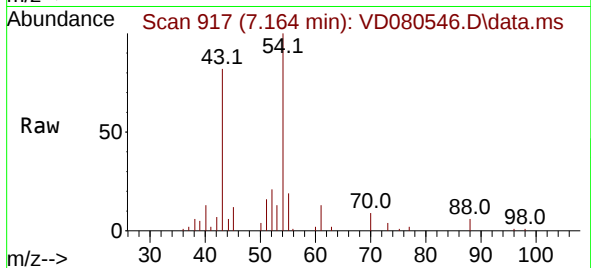
Tgt Ion: 43	Resp: 4831
Ion Ratio	Lower Upper
43	100
61	0.0 11.9 17.9
70	11.0 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#38

Carbon Tetrachloride

Concen: 53.318 ug/l

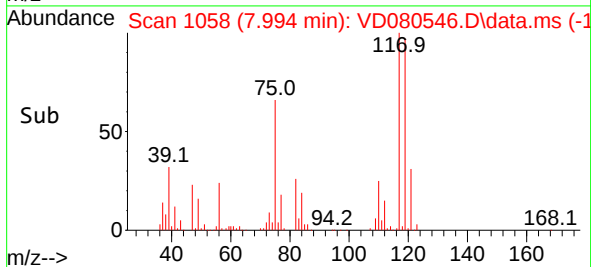
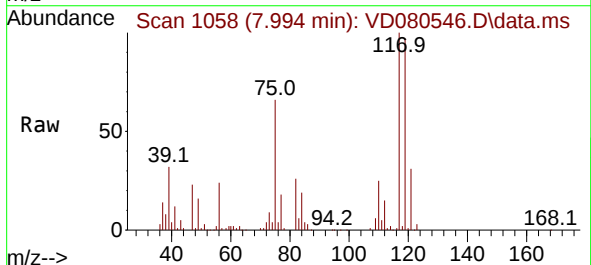
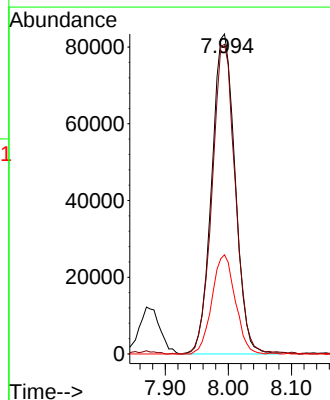
RT: 7.994 min Scan# 1058

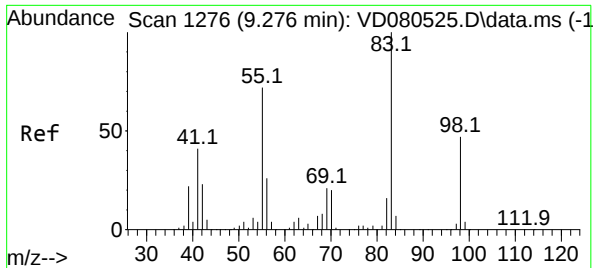
Delta R.T. 0.000 min

Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

Tgt Ion:117	Resp: 214136
Ion Ratio	Lower Upper
117	100
119	96.8 78.2 117.4
121	31.0 25.8 38.6





#39

Methylcyclohexane

Concen: 51.211 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

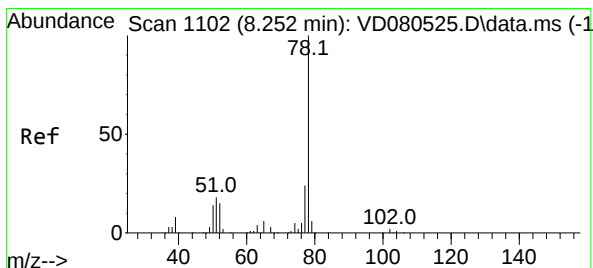
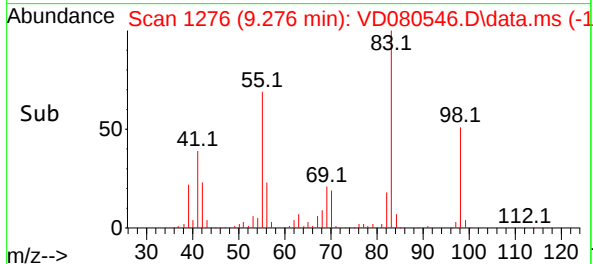
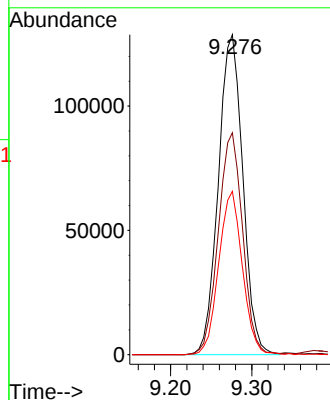
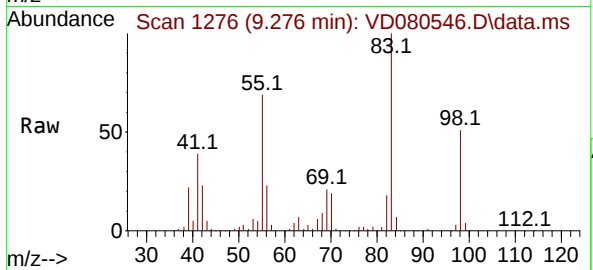
Tgt Ion: 83 Resp: 270049
 Ion Ratio Lower Upper
 83 100
 55 69.3 57.8 86.8
 98 51.0 37.8 56.8

Manual Integrations

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Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#40

Benzene

Concen: 48.078 ug/l

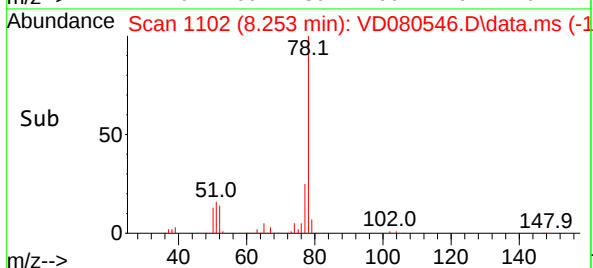
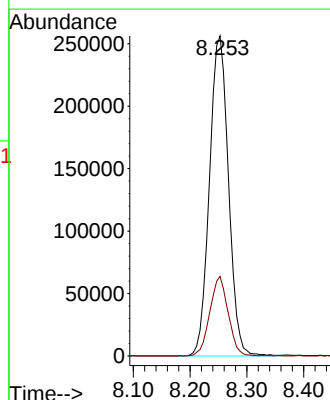
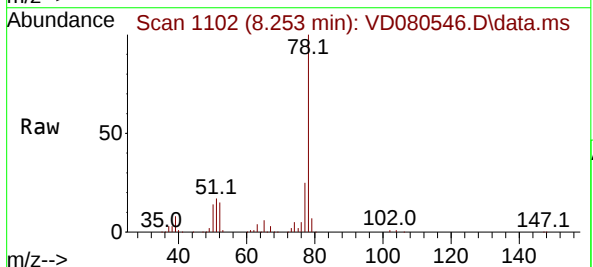
RT: 8.253 min Scan# 1102

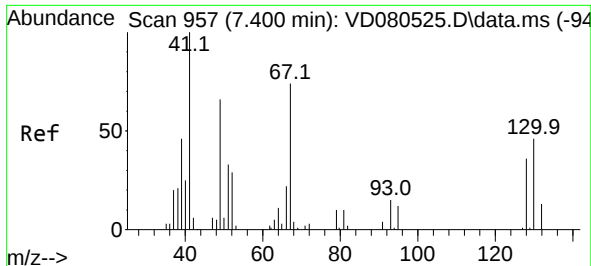
Delta R.T. 0.000 min

Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

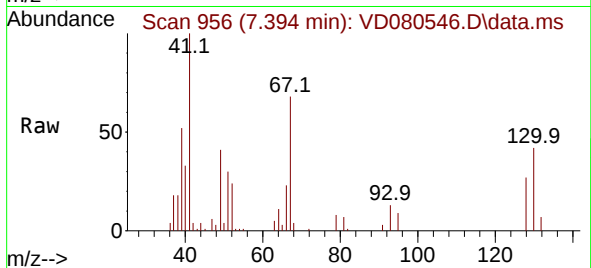
Tgt Ion: 78 Resp: 594988
 Ion Ratio Lower Upper
 78 100
 77 24.7 19.3 28.9





#41
Methacrylonitrile
Concen: 40.001 ug/l
RT: 7.394 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

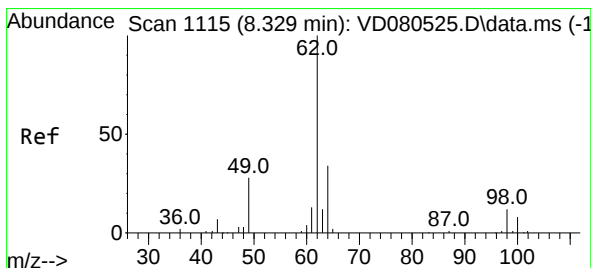
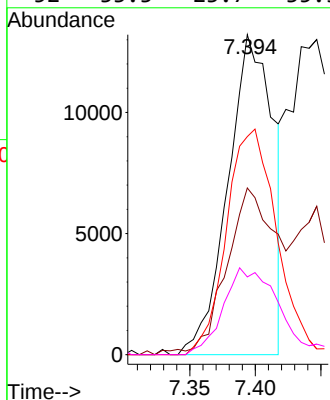
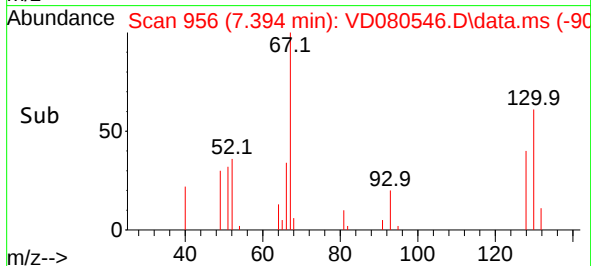
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 31590
Ion Ratio Lower Upper
41 100
39 58.3 44.3 66.5
67 79.2 64.0 96.0
52 33.3 23.7 35.5

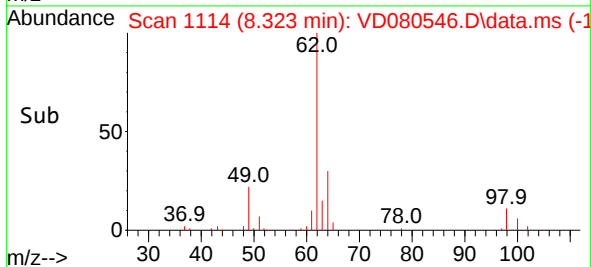
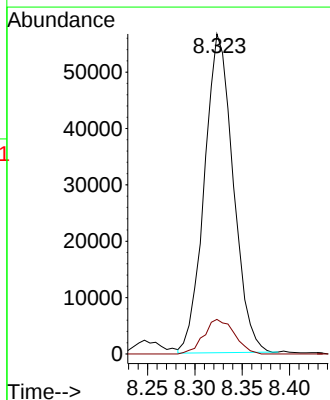
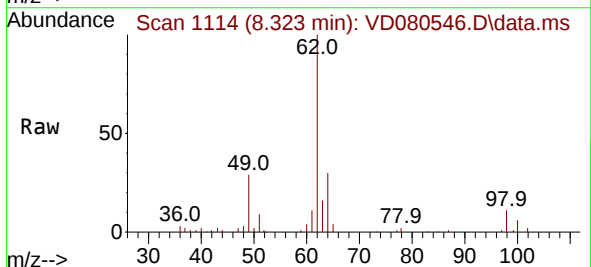
Manual Integrations
APPROVED

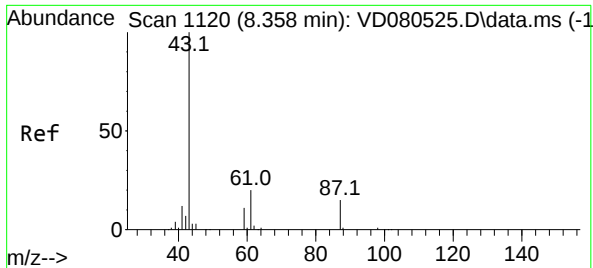
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#42
1,2-Dichloroethane
Concen: 46.428 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

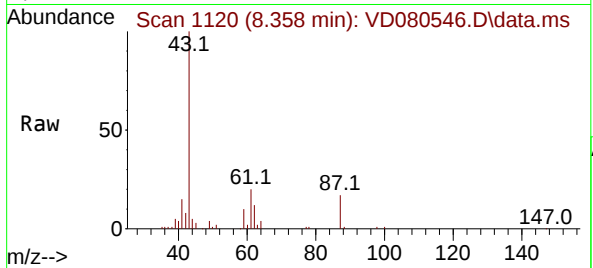
Tgt Ion: 62 Resp: 119911
Ion Ratio Lower Upper
62 100
98 11.5 0.0 22.8





#43
Isopropyl Acetate
Concen: 40.564 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

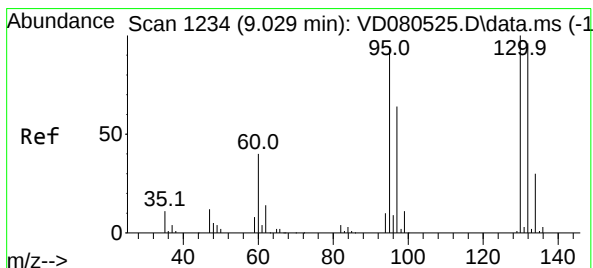
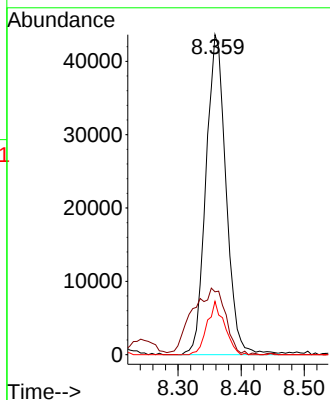
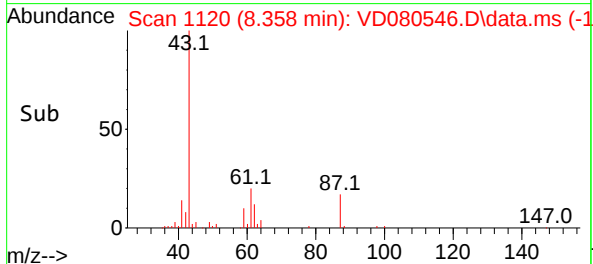
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



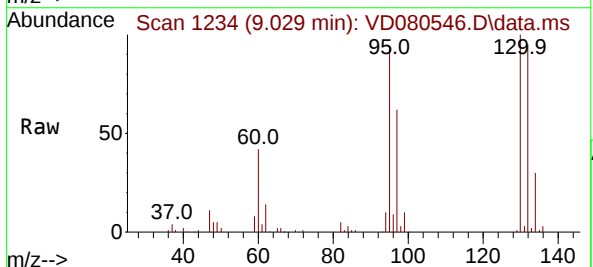
Tgt Ion: 43 Resp: 96188
Ion Ratio Lower Upper
43 100
61 34.6 26.3 39.5
87 14.5 11.1 16.7

Manual Integrations
APPROVED

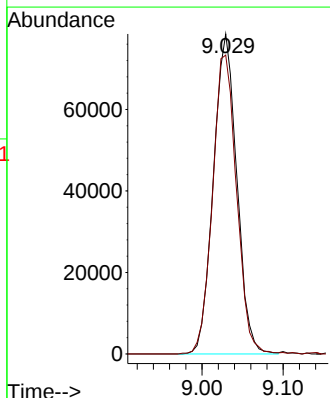
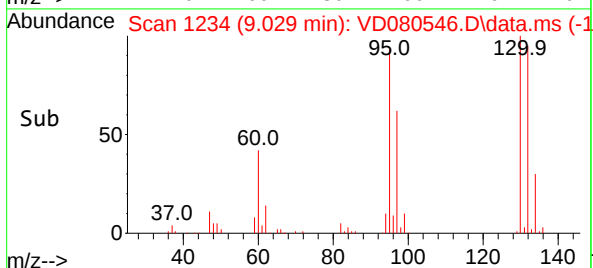
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

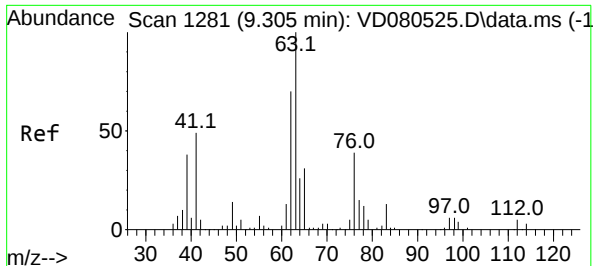


#44
Trichloroethene
Concen: 50.299 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



Tgt Ion:130 Resp: 157359
Ion Ratio Lower Upper
130 100
95 93.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 45.947 ug/l

RT: 9.306 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13018

Ion Ratio Lower Upper

63 100

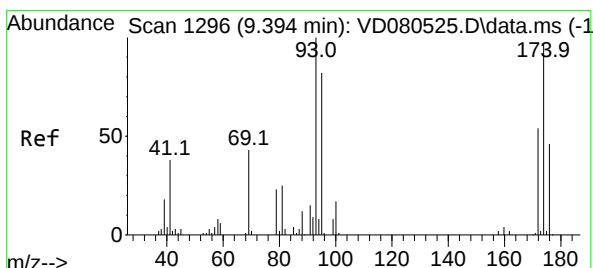
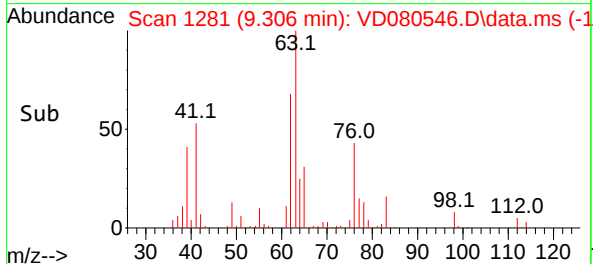
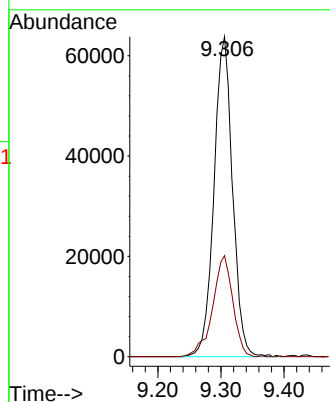
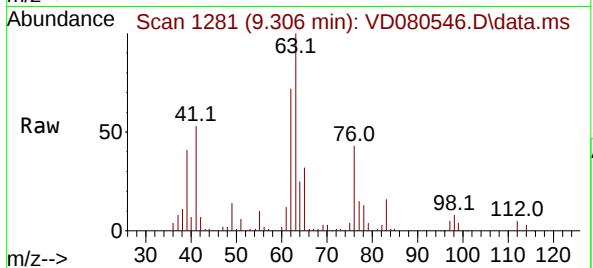
65 31.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#46

Dibromomethane

Concen: 45.978 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

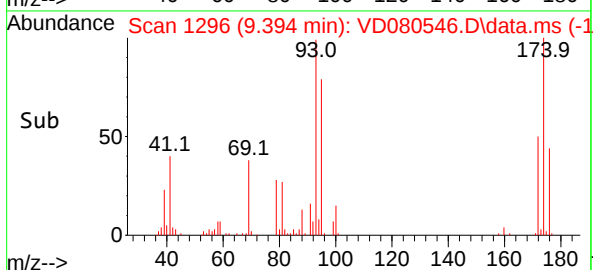
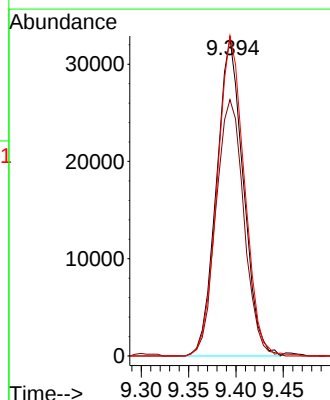
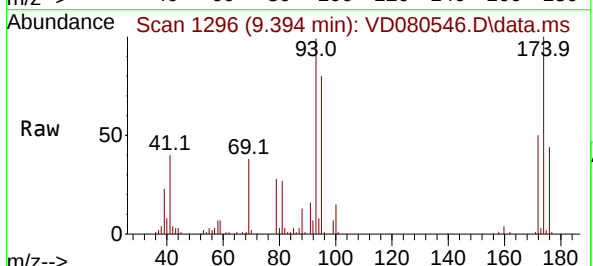
Tgt Ion: 93 Resp: 64259

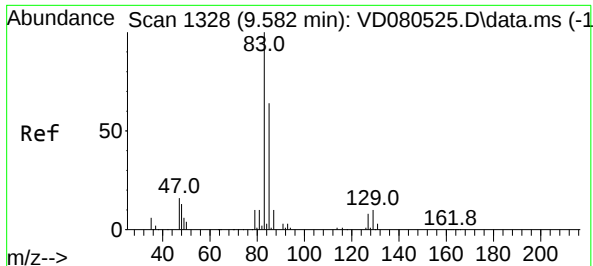
Ion Ratio Lower Upper

93 100

95 84.2 68.2 102.2

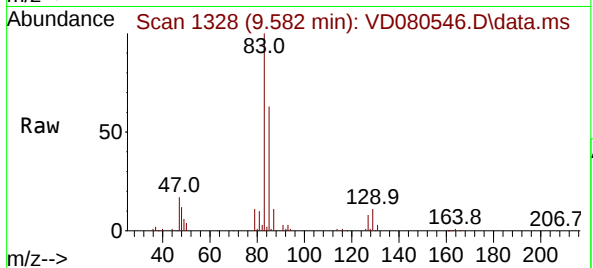
174 101.7 79.5 119.3





#47
Bromodichloromethane
Concen: 48.171 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

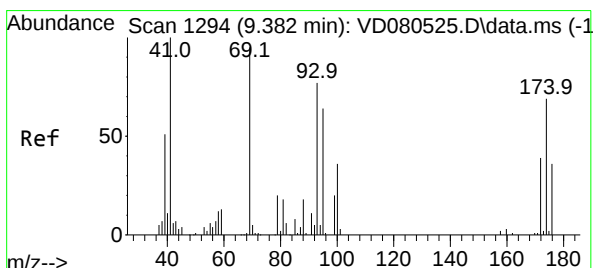
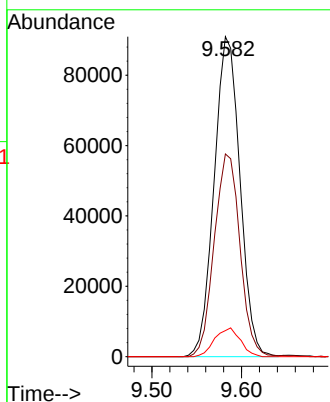
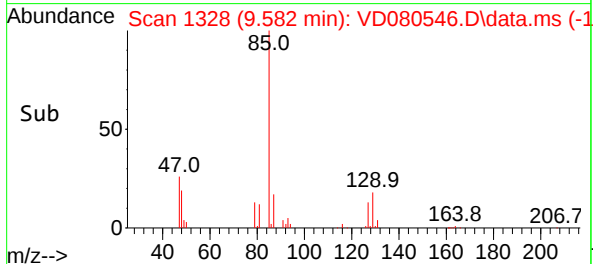
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



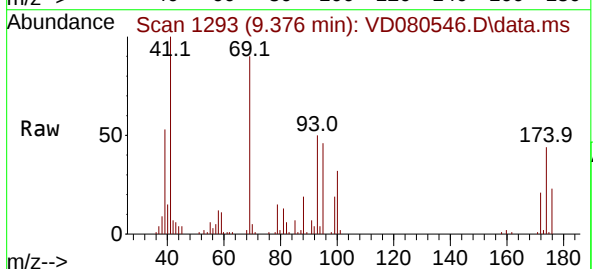
Tgt Ion: 83 Resp: 181810
Ion Ratio Lower Upper
83 100
85 63.3 51.0 76.6
127 8.2 6.5 9.7

Manual Integrations
APPROVED

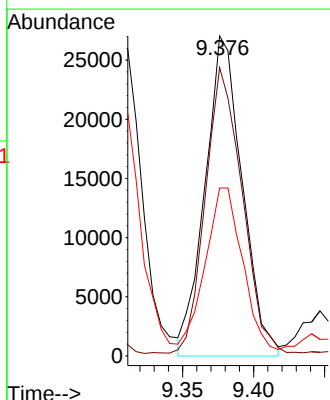
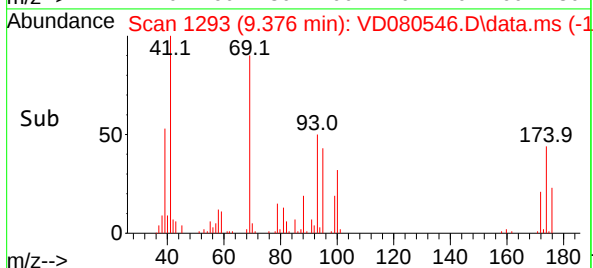
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

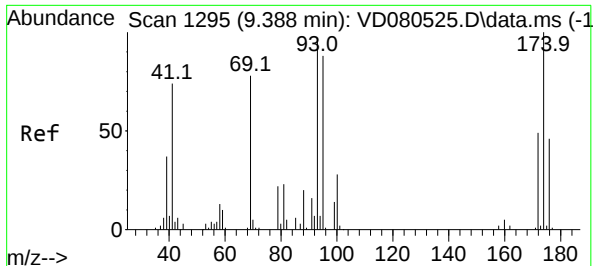


#48
Methyl methacrylate
Concen: 41.861 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



Tgt Ion: 41 Resp: 49276
Ion Ratio Lower Upper
41 100
69 88.1 74.5 111.7
39 54.4 40.6 61.0





#49

1,4-Dioxane

Concen: 866.133 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 11284

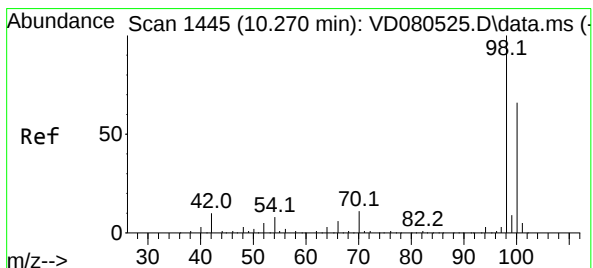
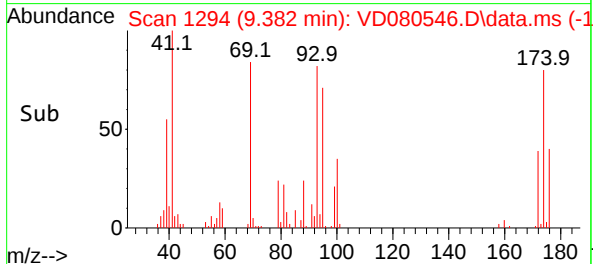
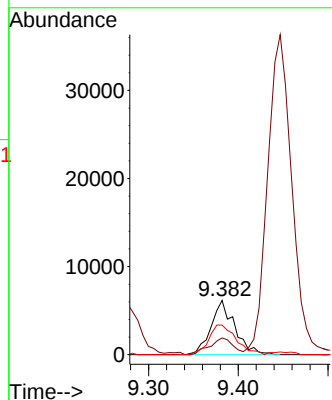
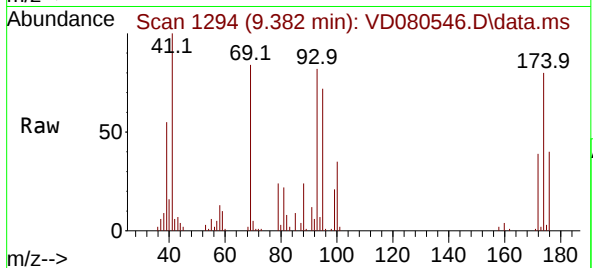
Ion	Ratio	Lower	Upper
88	100		
43	30.4	28.0	42.0
58	62.8	52.7	79.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#50

Toluene-d8

Concen: 49.164 ug/l

RT: 10.270 min Scan# 1445

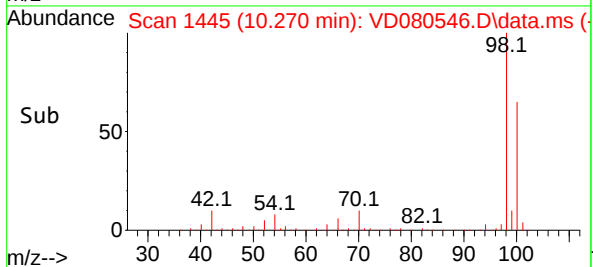
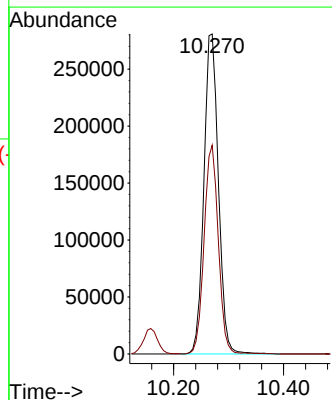
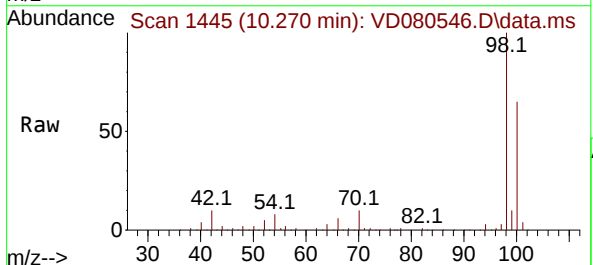
Delta R.T. 0.000 min

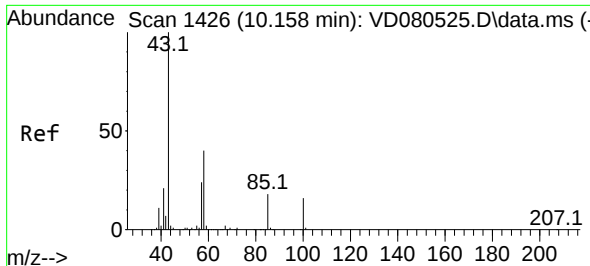
Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

Tgt Ion: 98 Resp: 514202

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0





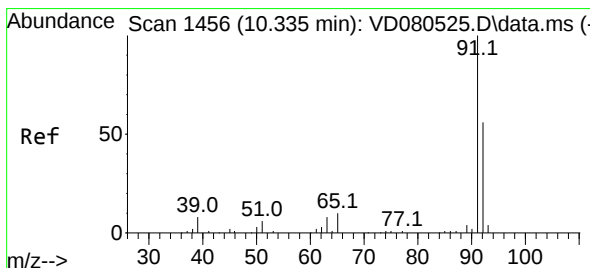
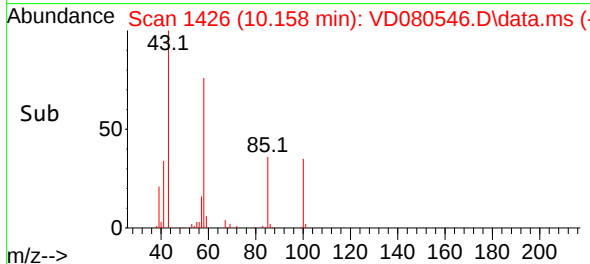
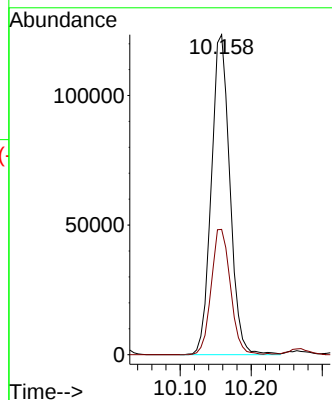
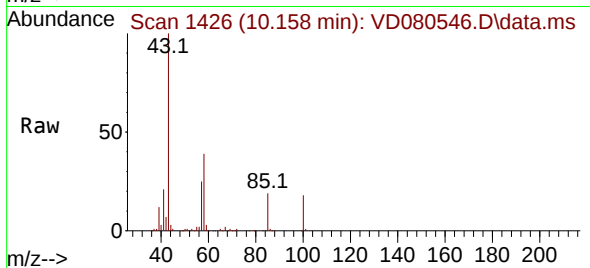
#51
4-Methyl-2-Pentanone
Concen: 203.193 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 223568
Ion Ratio Lower Upper
43 100
58 40.6 32.8 49.2

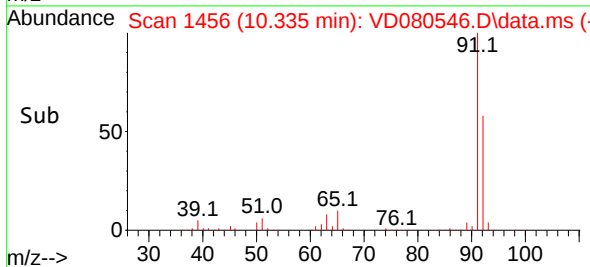
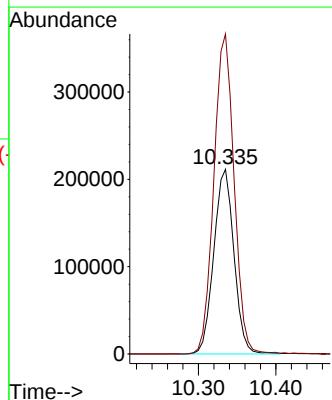
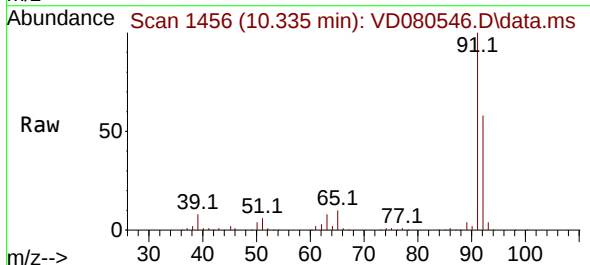
Manual Integrations
APPROVED

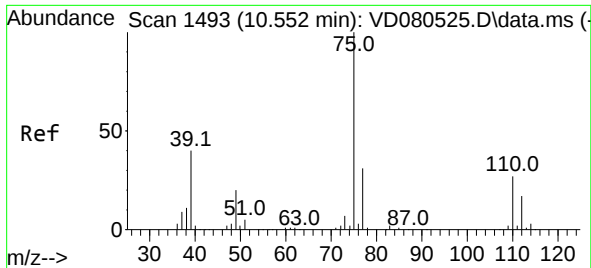
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#52
Toluene
Concen: 48.834 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Tgt Ion: 92 Resp: 382191
Ion Ratio Lower Upper
92 100
91 174.4 137.0 205.6





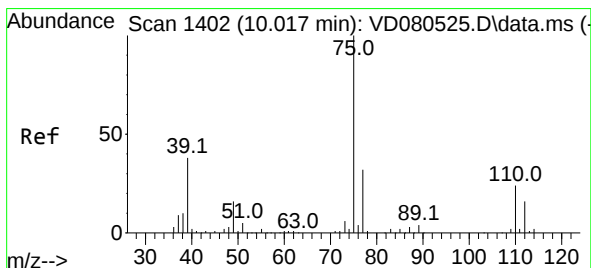
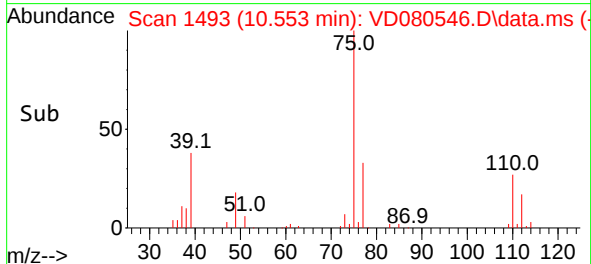
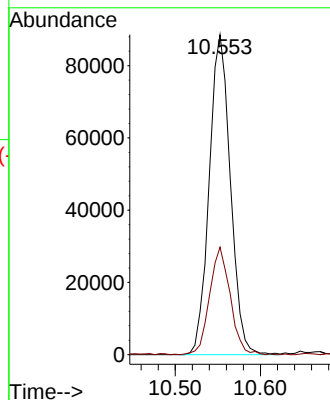
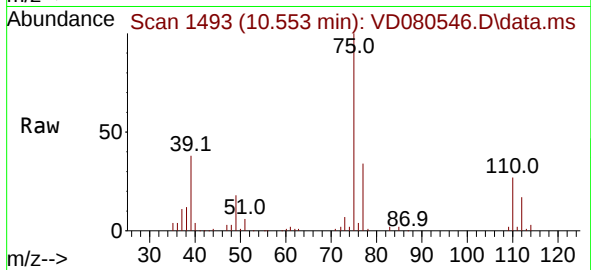
#53
t-1,3-Dichloropropene
Concen: 45.743 ug/l
RT: 10.553 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 15299
Ion Ratio Lower Upper
75 100
77 33.6 24.7 37.1

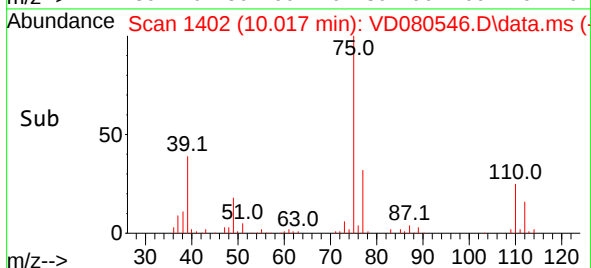
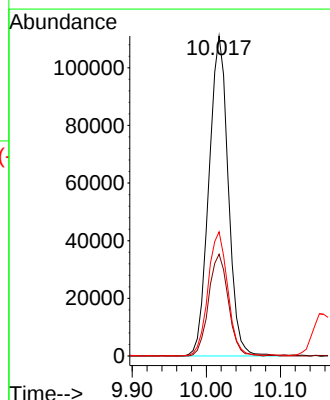
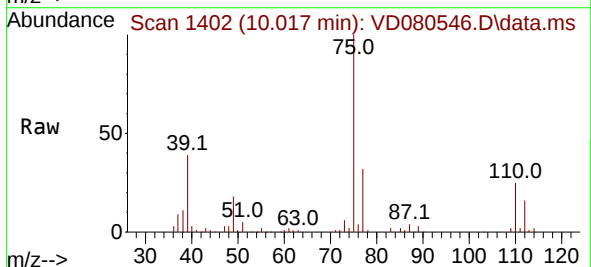
Manual Integrations
APPROVED

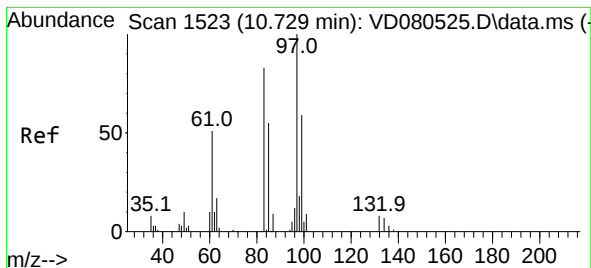
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#54
cis-1,3-Dichloropropene
Concen: 46.572 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

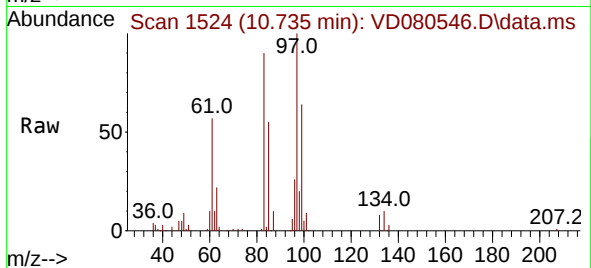
Tgt Ion: 75 Resp: 200896
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6
39 38.8 30.7 46.1





#55
1,1,2-Trichloroethane
Concen: 44.812 ug/l
RT: 10.735 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

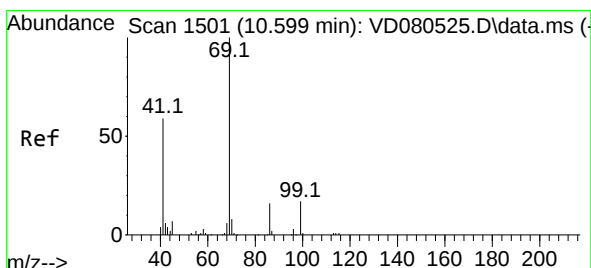
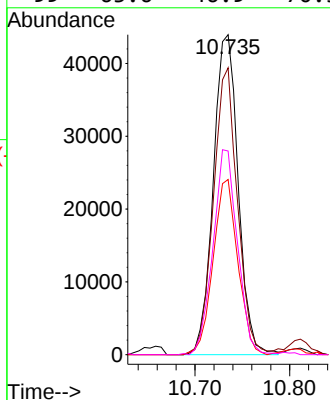
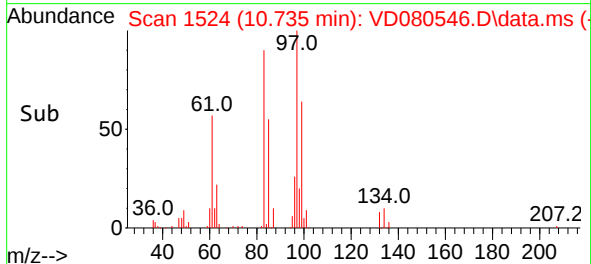
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



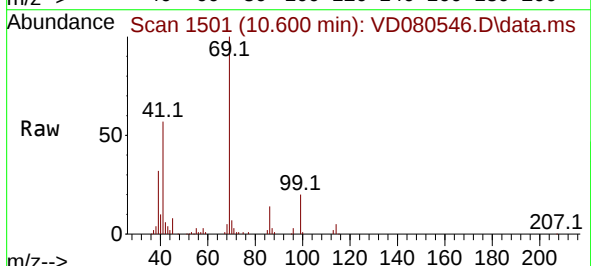
Tgt Ion: 97	Resp: 80120
Ion Ratio	Lower Upper
97 100	
83 89.6	66.3 99.5
85 54.8	43.8 65.8
99 63.6	46.9 70.3

Manual Integrations
APPROVED

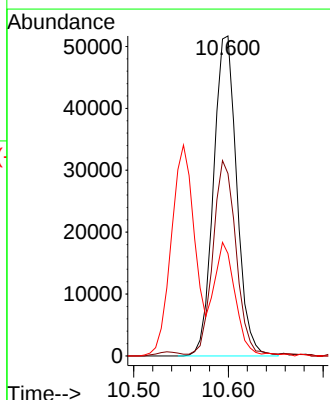
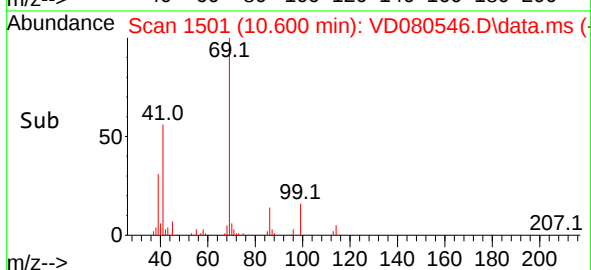
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

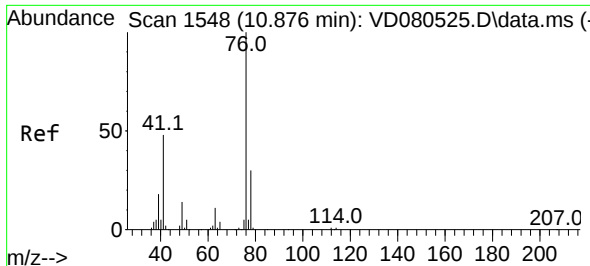


#56
Ethyl methacrylate
Concen: 42.769 ug/l
RT: 10.600 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



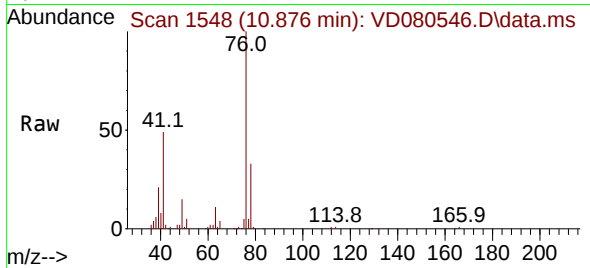
Tgt Ion: 69	Resp: 88232
Ion Ratio	Lower Upper
69 100	
41 59.4	49.6 74.4
39 32.8	23.5 35.3





#57
1,3-Dichloropropane
Concen: 45.039 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

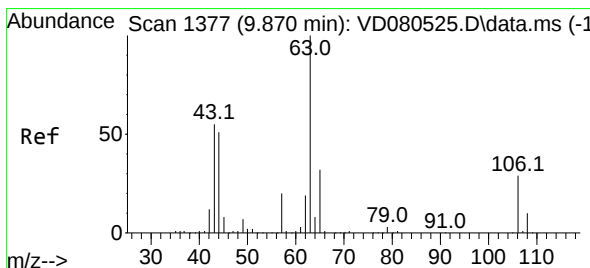
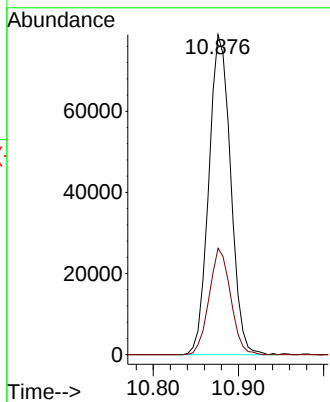
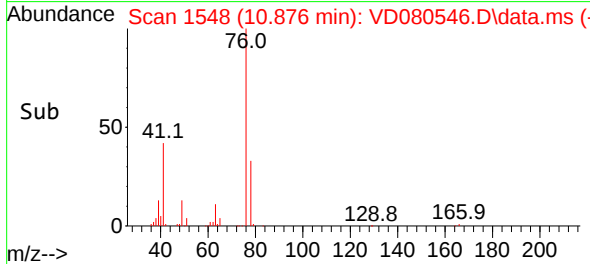
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 140425
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.8

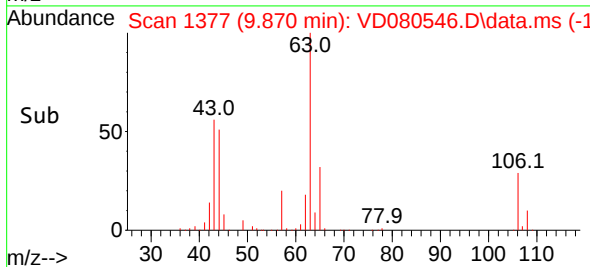
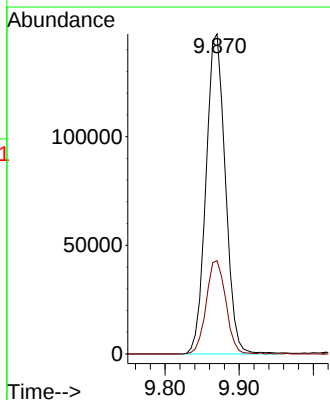
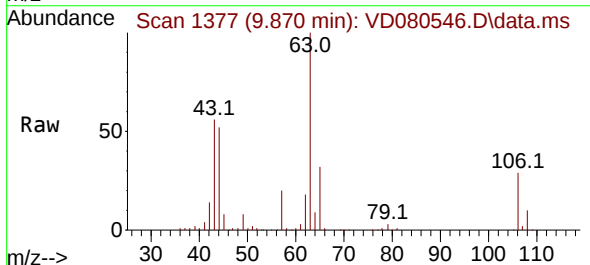
Manual Integrations
APPROVED

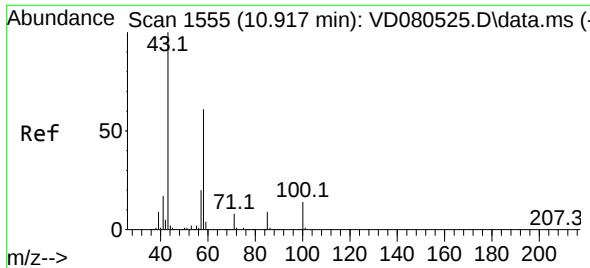
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#58
2-Chloroethyl Vinyl ether
Concen: 230.844 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

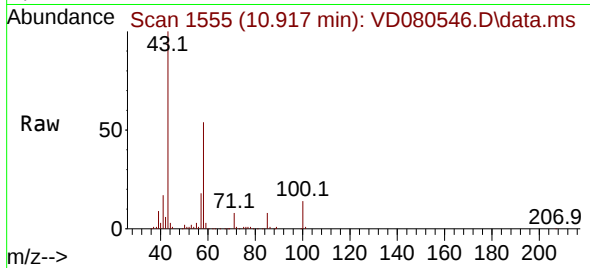
Tgt Ion: 63 Resp: 267208
Ion Ratio Lower Upper
63 100
106 29.6 22.6 33.8





#59
2-Hexanone
Concen: 200.157 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

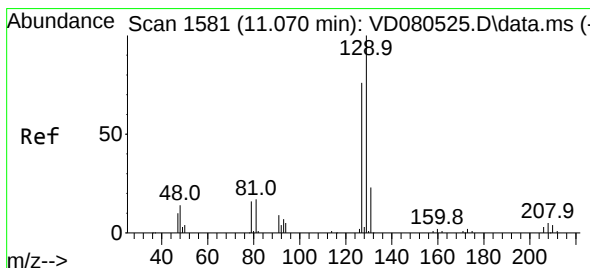
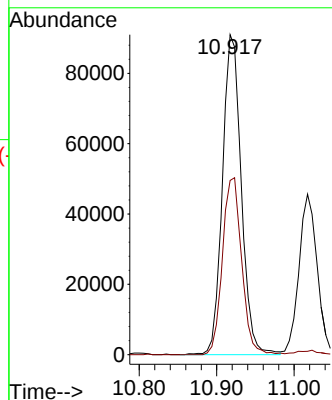
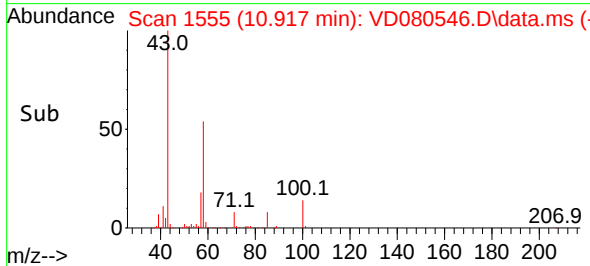
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 153954
Ion Ratio Lower Upper
43 100
58 56.5 29.6 88.9

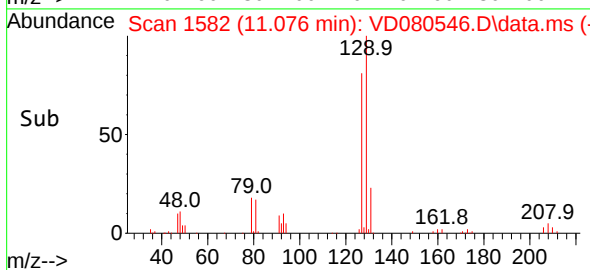
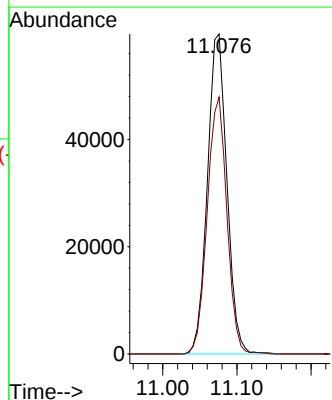
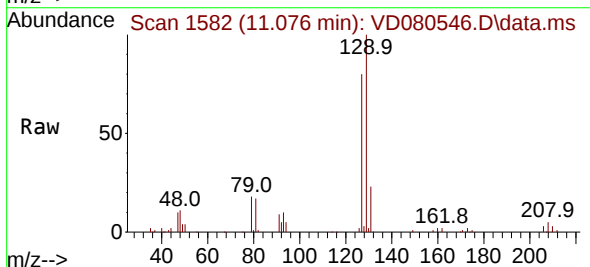
Manual Integrations
APPROVED

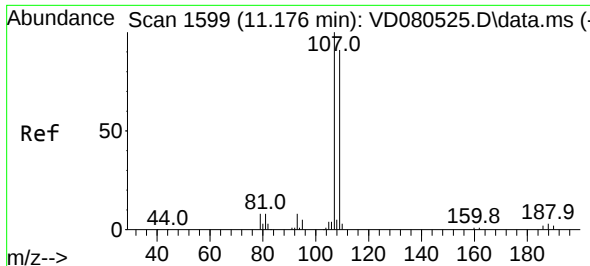
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#60
Dibromochloromethane
Concen: 45.885 ug/l
RT: 11.076 min Scan# 1582
Delta R.T. 0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

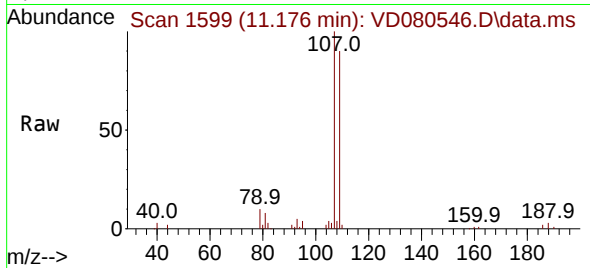
Tgt Ion:129 Resp: 109013
Ion Ratio Lower Upper
129 100
127 80.9 38.3 114.9





#61
1,2-Dibromoethane
Concen: 45.452 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

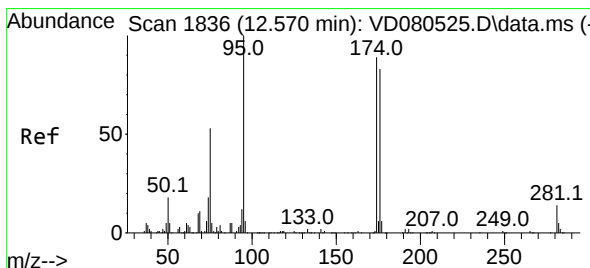
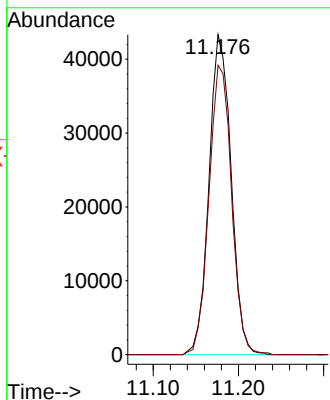
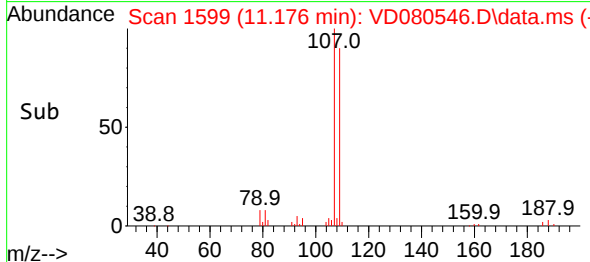
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



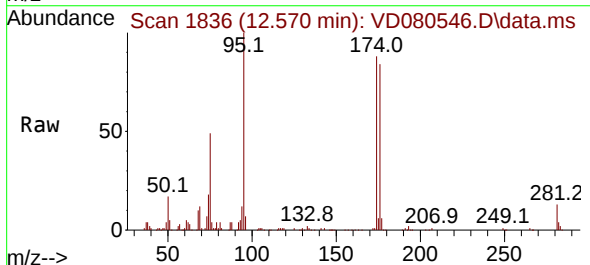
Tgt Ion:107 Resp: 7816
Ion Ratio Lower Upper
107 100
109 92.3 74.2 111.4

Manual Integrations
APPROVED

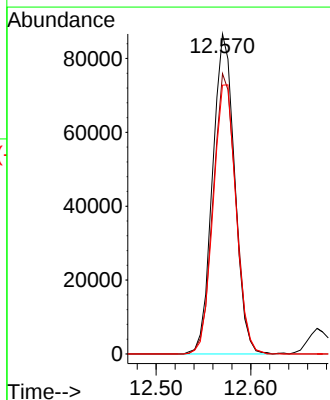
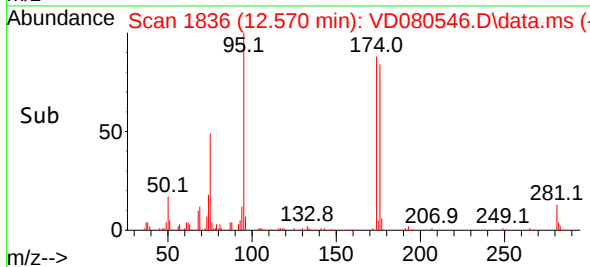
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

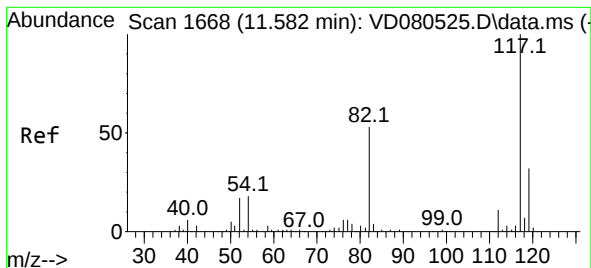


#62
4-Bromofluorobenzene
Concen: 46.744 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



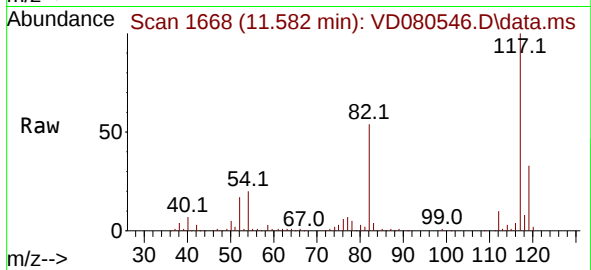
Tgt Ion: 95 Resp: 140552
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.4
176 87.2 0.0 168.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

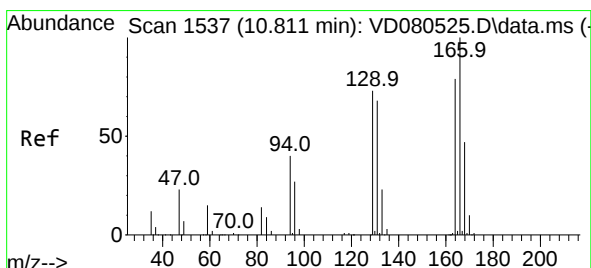
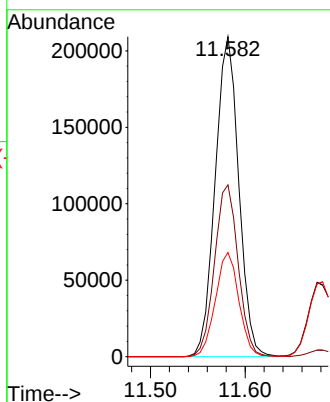
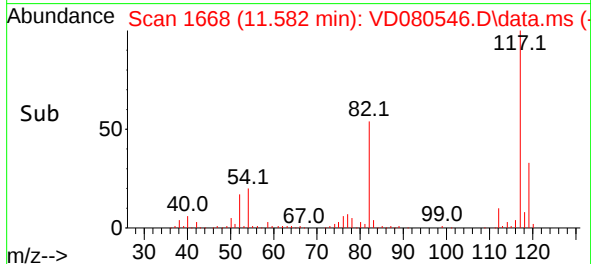
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 362195
Ion Ratio Lower Upper
117 100
82 53.7 42.1 63.1
119 32.5 25.4 38.2

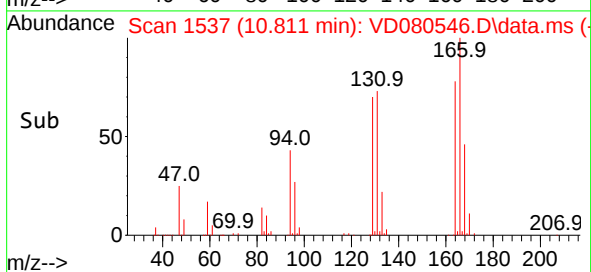
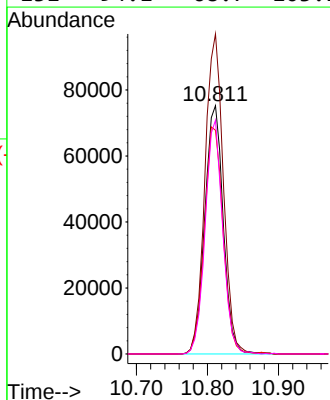
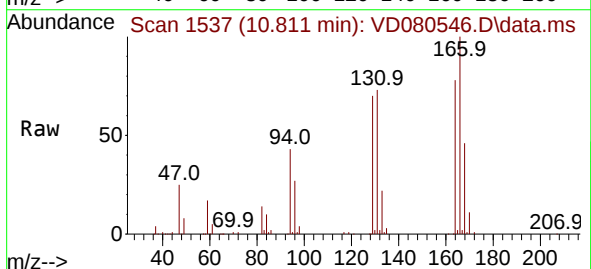
Manual Integrations
APPROVED

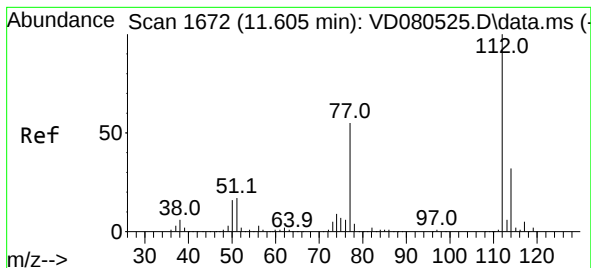
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#64
Tetrachloroethene
Concen: 52.309 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

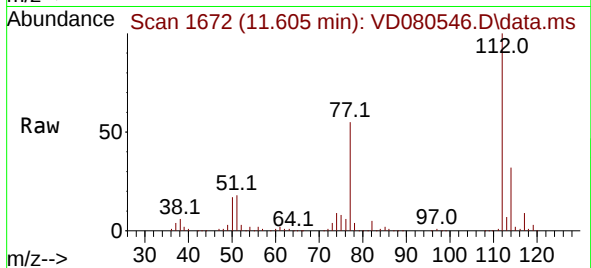
Tgt Ion:164 Resp: 136282
Ion Ratio Lower Upper
164 100
166 128.9 101.2 151.8
129 90.1 74.0 111.0
131 94.1 68.7 103.1





#65
Chlorobenzene
Concen: 49.702 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

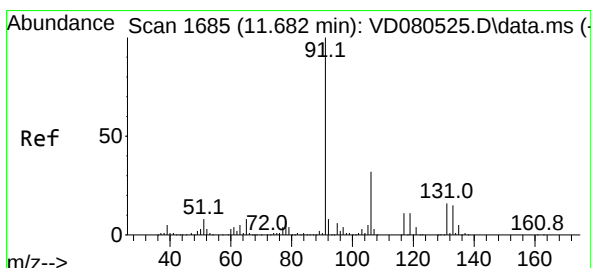
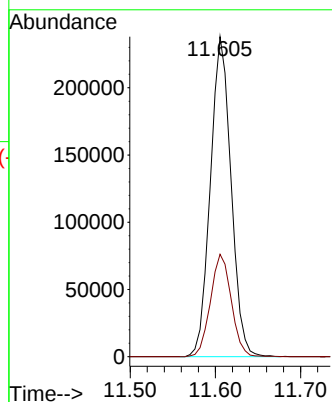
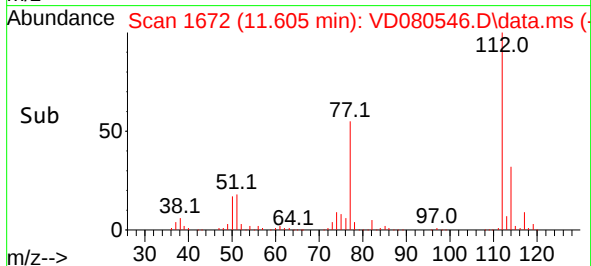
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



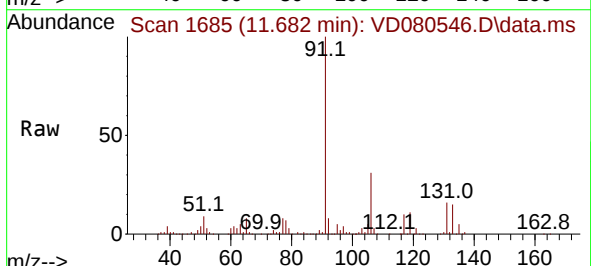
Tgt Ion:112 Resp: 400864
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

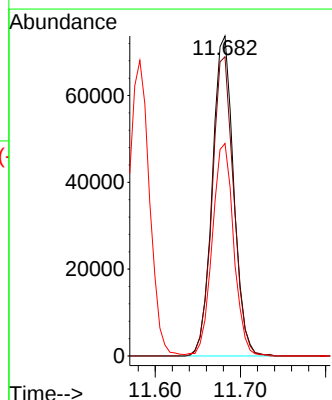
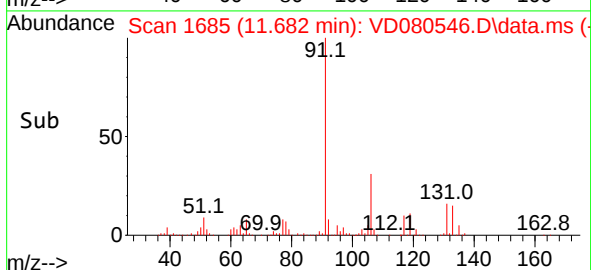
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

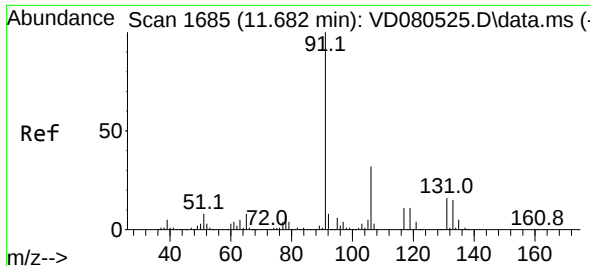


#66
1,1,1,2-Tetrachloroethane
Concen: 50.730 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



Tgt Ion:131 Resp: 127963
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 66.7 34.4 103.2





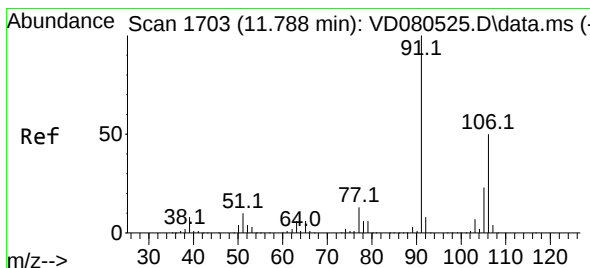
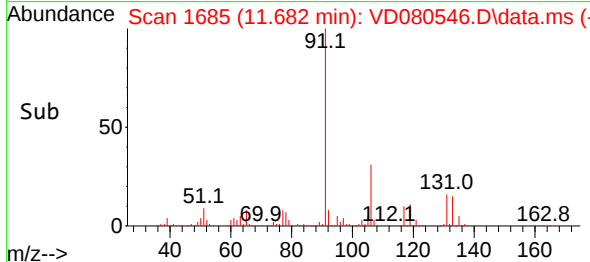
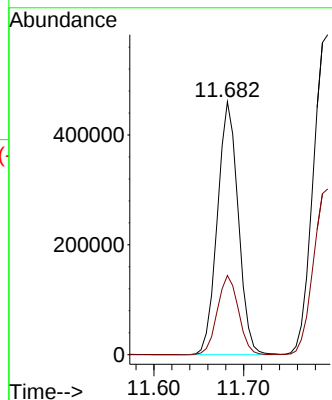
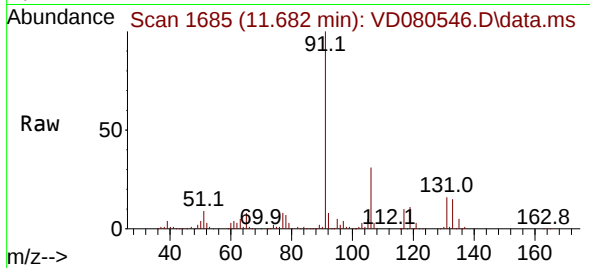
#67
Ethyl Benzene
Concen: 50.865 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 74359
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0

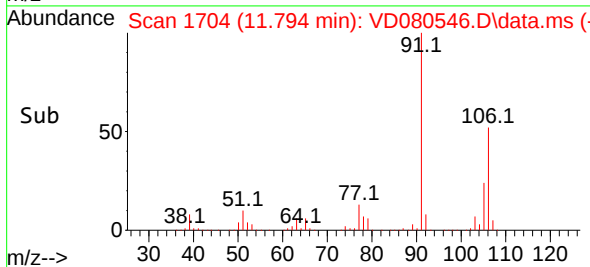
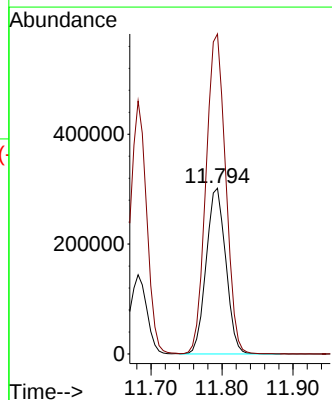
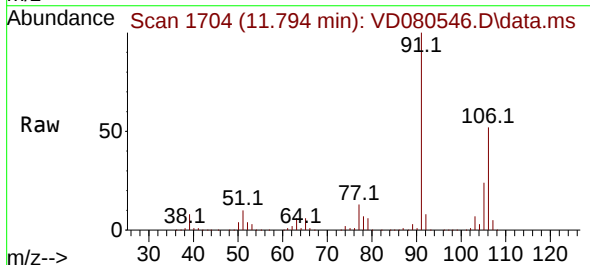
Manual Integrations
APPROVED

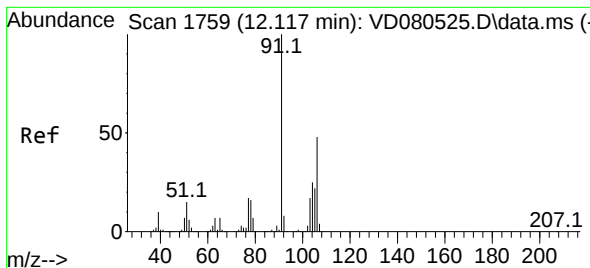
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#68
m/p-Xylenes
Concen: 103.605 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

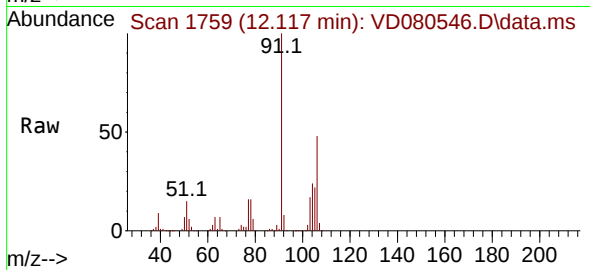
Tgt Ion:106 Resp: 579240
Ion Ratio Lower Upper
106 100
91 194.2 158.7 238.1





#69
o-Xylene
Concen: 49.959 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

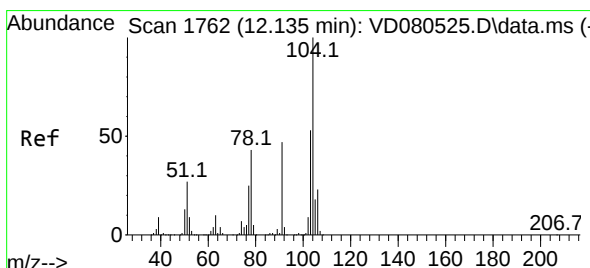
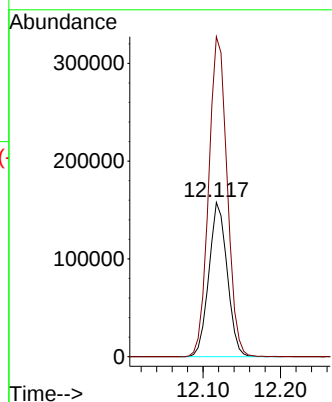
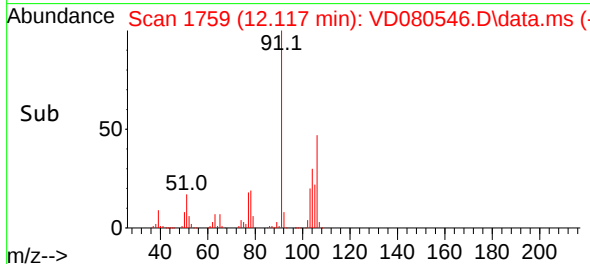
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 25823
Ion Ratio Lower Upper
106 100
91 209.6 105.8 317.3

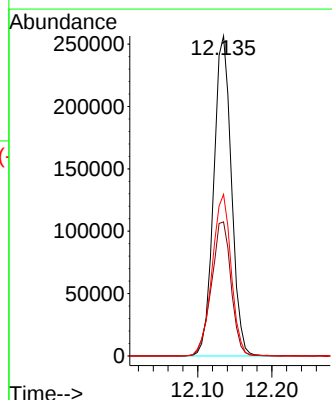
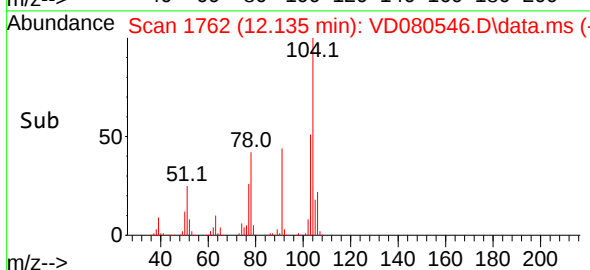
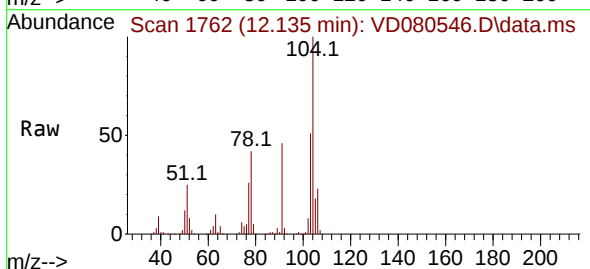
Manual Integrations
APPROVED

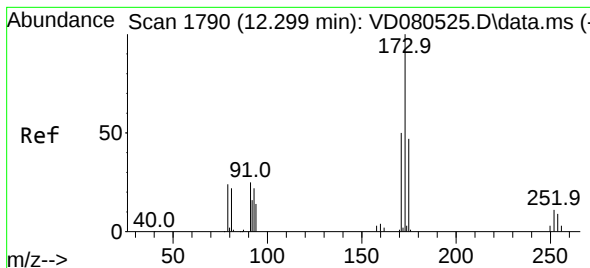
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#70
Styrene
Concen: 49.900 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

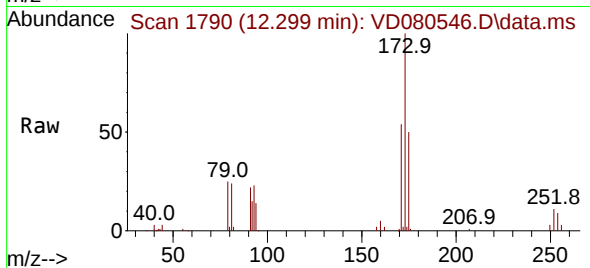
Tgt Ion:104 Resp: 425707
Ion Ratio Lower Upper
104 100
78 46.5 37.8 56.8
103 54.3 43.8 65.8





#71
Bromoform
Concen: 48.259 ug/l
RT: 12.299 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

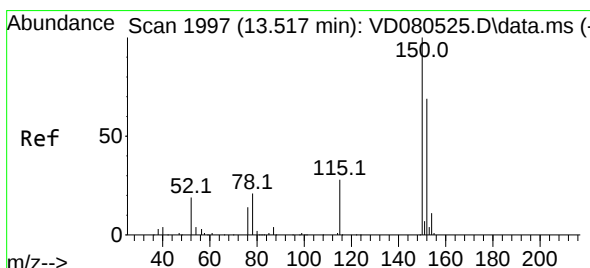
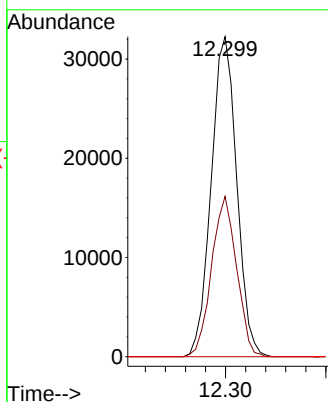
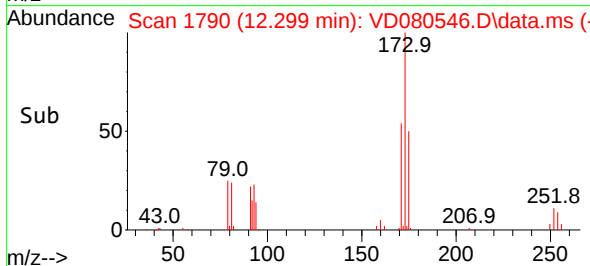
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 56860
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.2
254 0.0 0.0 0.0

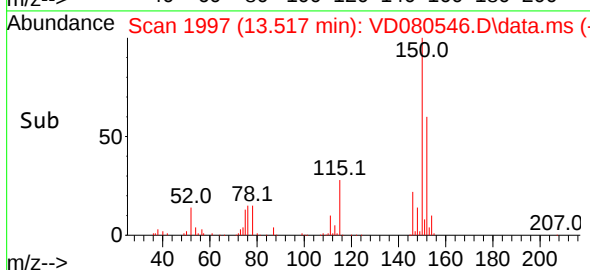
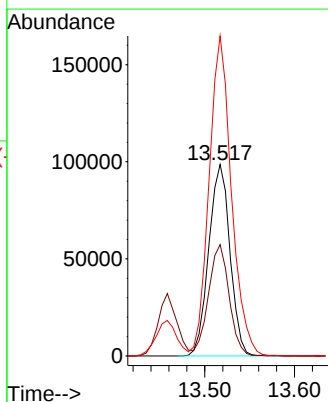
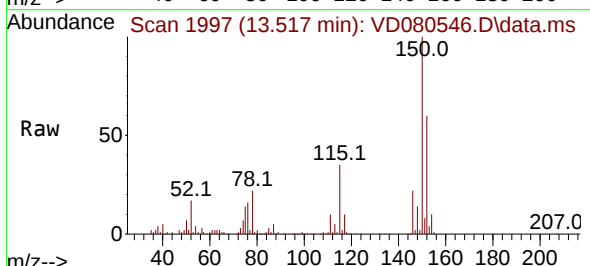
Manual Integrations
APPROVED

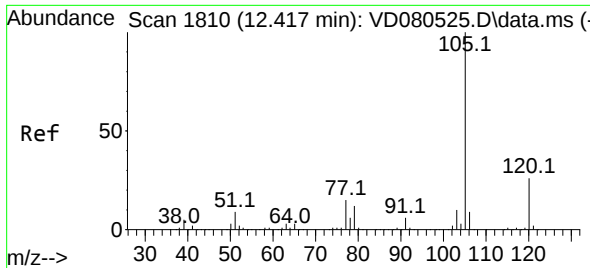
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

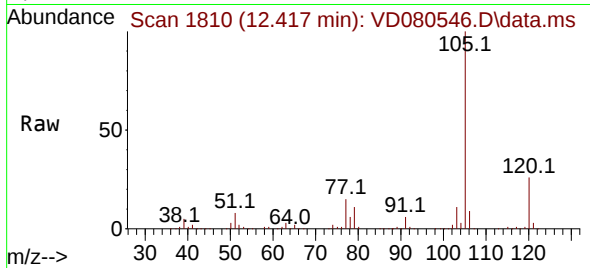
Tgt Ion:152 Resp: 162098
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.3
150 176.0 0.0 345.6





#73
Isopropylbenzene
Concen: 51.699 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

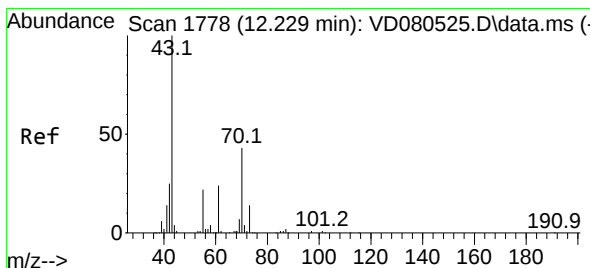
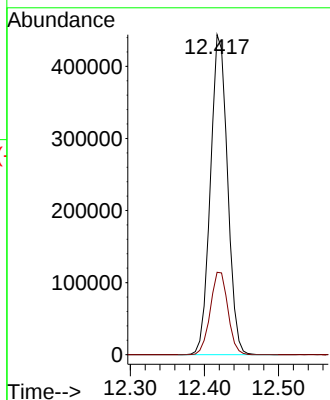
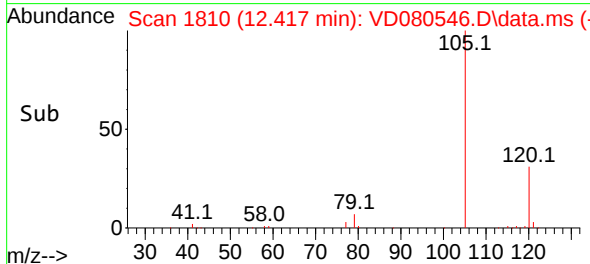
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



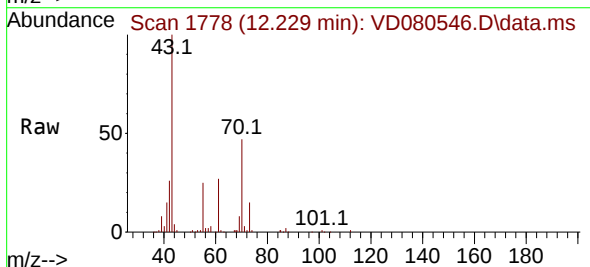
Tgt Ion:105 Resp: 711362
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

Manual Integrations
APPROVED

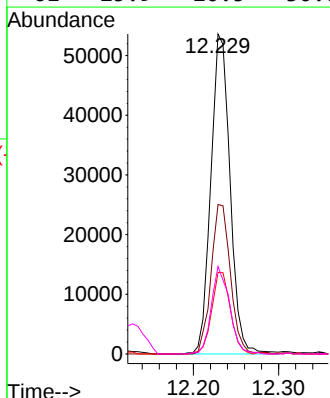
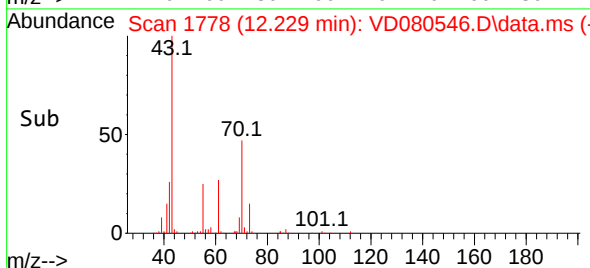
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

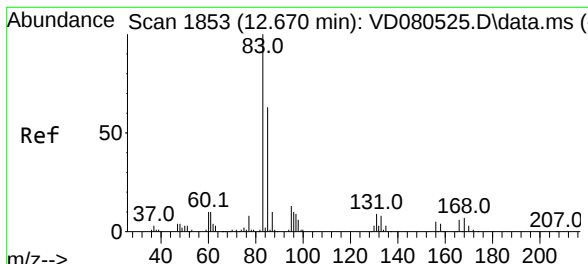


#74
N-ethyl acetate
Concen: 39.399 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



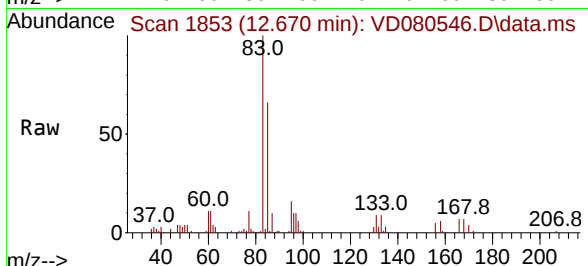
Tgt Ion: 43 Resp: 84033
Ion Ratio Lower Upper
43 100
70 47.1 35.2 52.8
55 24.8 18.4 27.6
61 25.9 20.5 30.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 42.983 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080546.D
 Acq: 19 Nov 2025 13:01

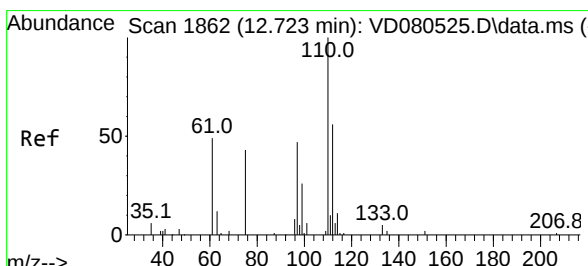
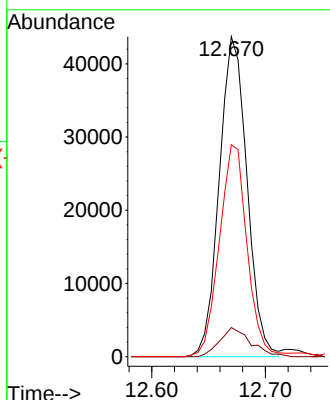
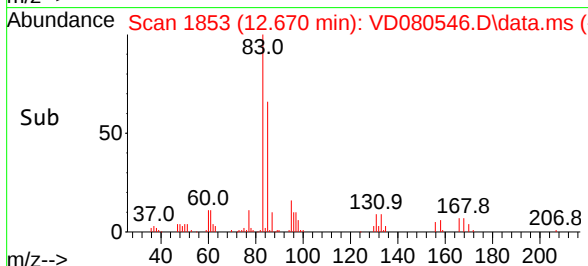
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 83 Resp: 74170
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.9 14.6
 85 67.1 31.8 95.3

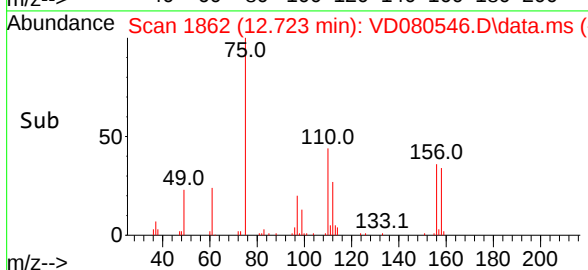
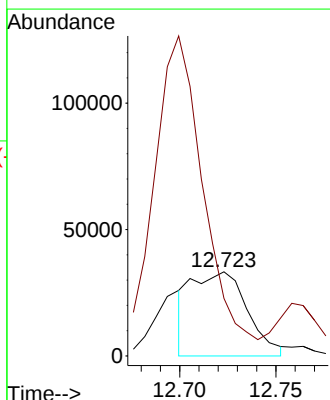
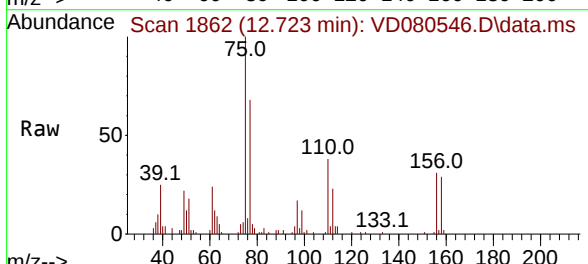
Manual Integrations
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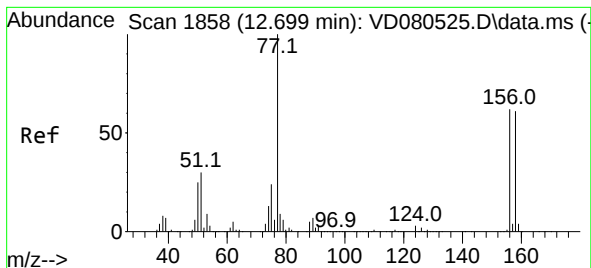
Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025



#76
 1,2,3-Trichloropropane
 Concen: 53.427 ug/l m
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080546.D
 Acq: 19 Nov 2025 13:01

Tgt Ion: 75 Resp: 67455
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.527 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

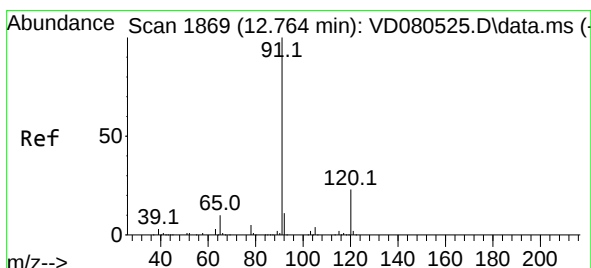
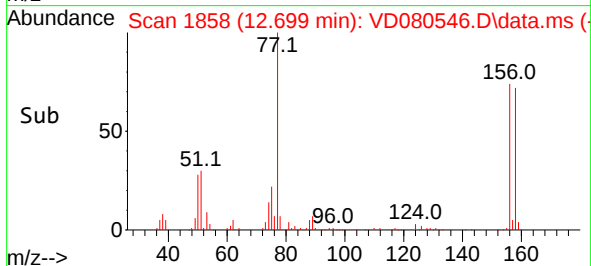
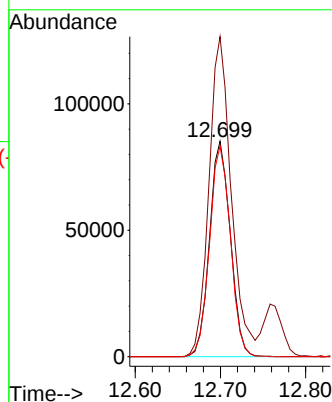
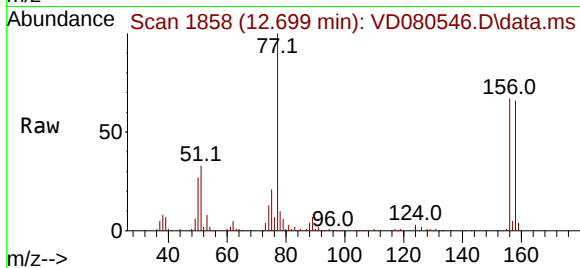
Tgt Ion:156 Resp: 144652
 Ion Ratio Lower Upper
 156 100
 77 159.2 85.3 255.9
 158 97.8 48.4 145.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#78

n-propylbenzene

Concen: 51.193 ug/l

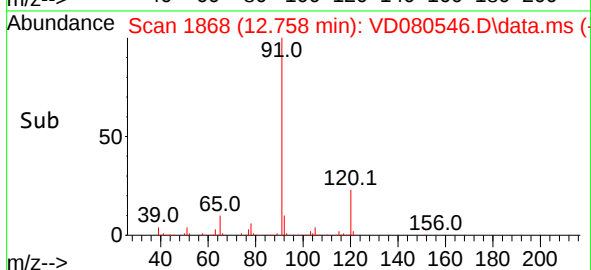
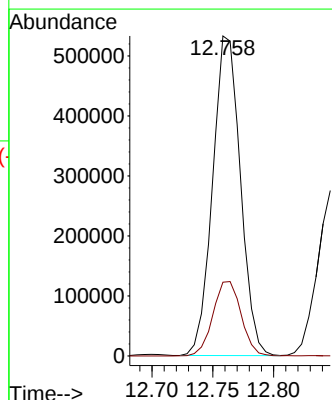
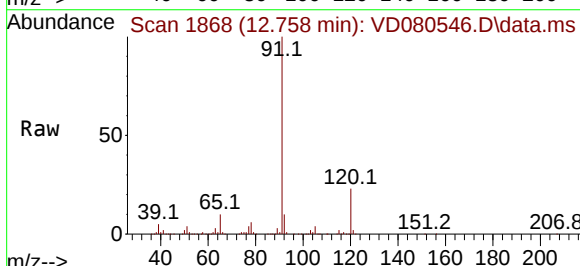
RT: 12.758 min Scan# 1868

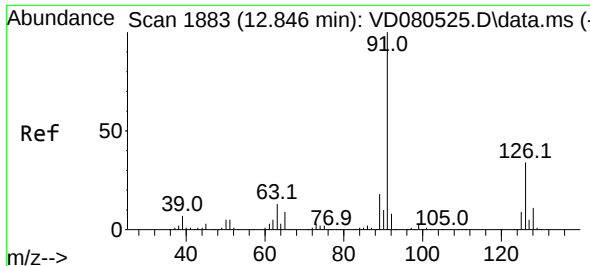
Delta R.T. -0.006 min

Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

Tgt Ion: 91 Resp: 845048
 Ion Ratio Lower Upper
 91 100
 120 23.6 11.4 34.2





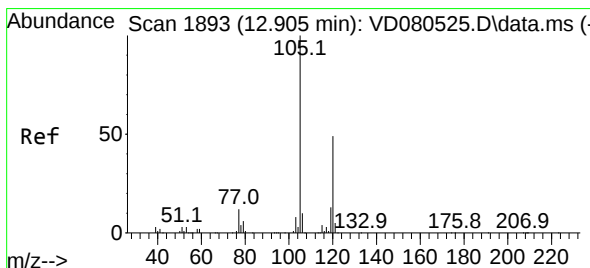
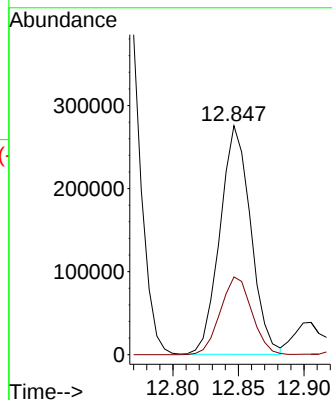
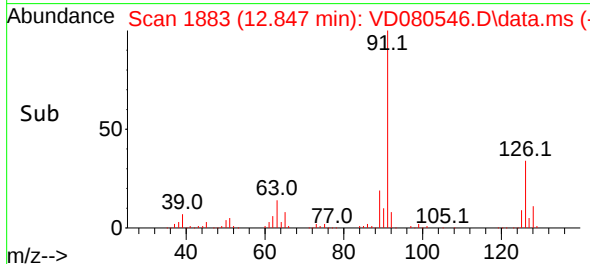
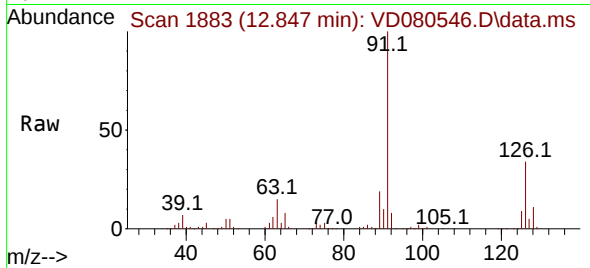
#79
2-Chlorotoluene
Concen: 49.438 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 448954
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.2

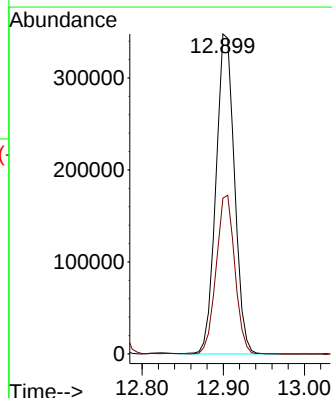
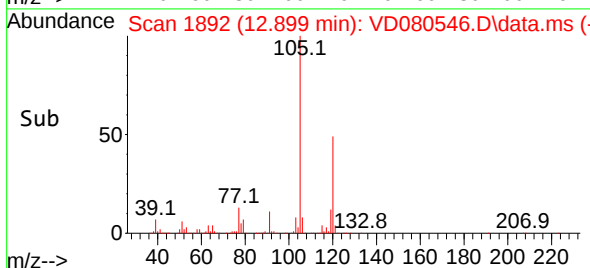
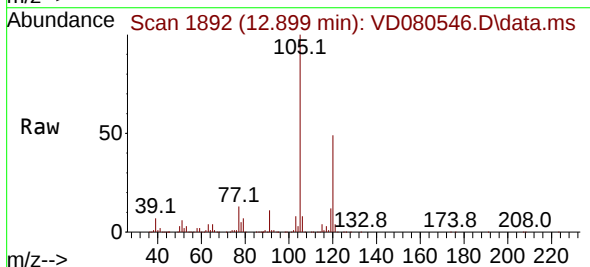
Manual Integrations
APPROVED

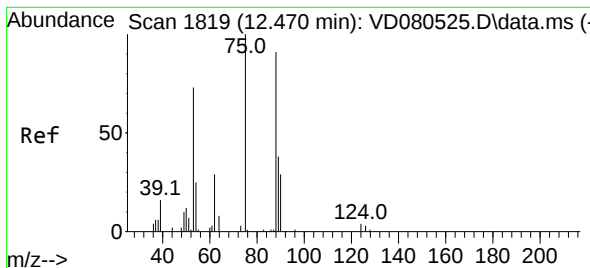
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.787 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Tgt Ion:105 Resp: 552428
Ion Ratio Lower Upper
105 100
120 49.9 24.6 74.0





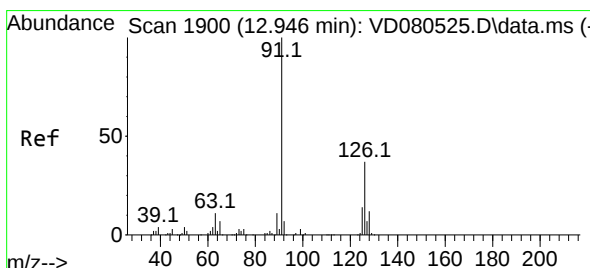
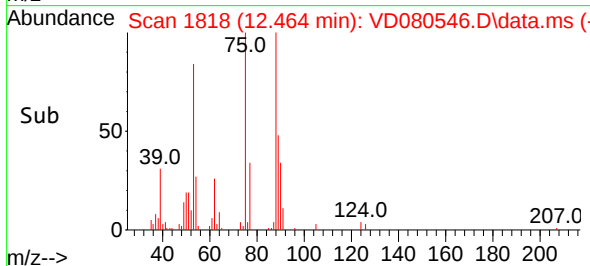
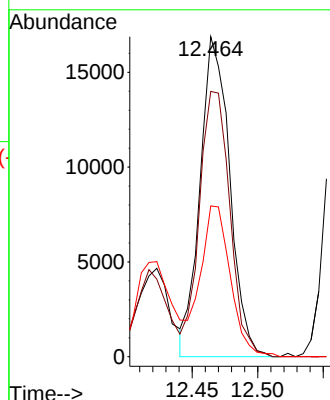
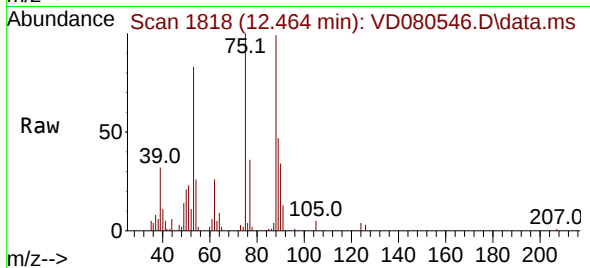
#81
trans-1,4-Dichloro-2-butene
Concen: 40.107 ug/l
RT: 12.464 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 26510
Ion Ratio Lower Upper
75 100
53 85.6 62.8 94.2
89 46.7 36.6 54.8

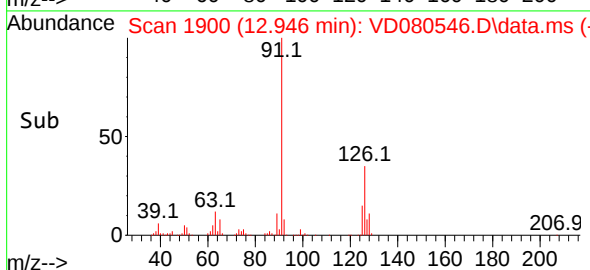
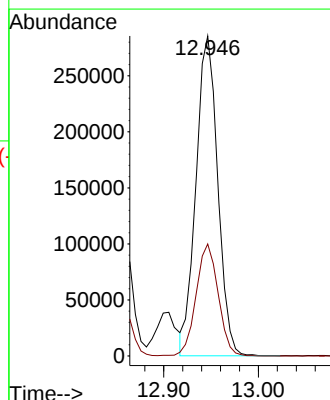
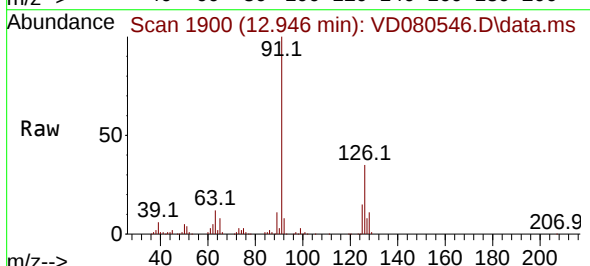
Manual Integrations
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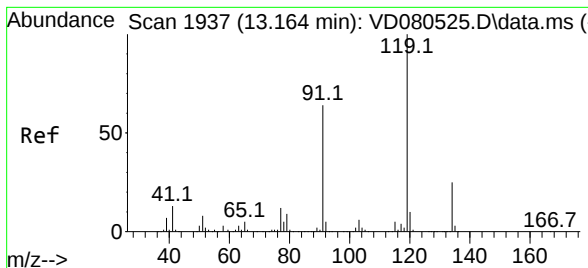
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#82
4-Chlorotoluene
Concen: 49.317 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

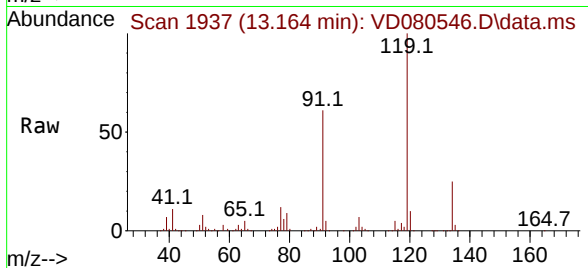
Tgt Ion: 91 Resp: 455310
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.2





#83
tert-Butylbenzene
Concen: 51.002 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

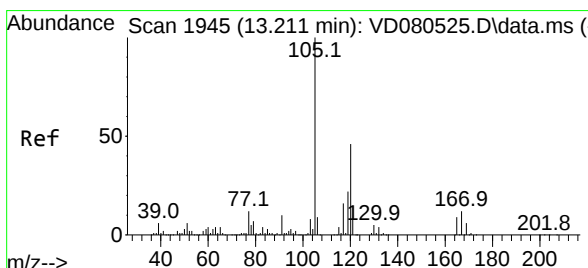
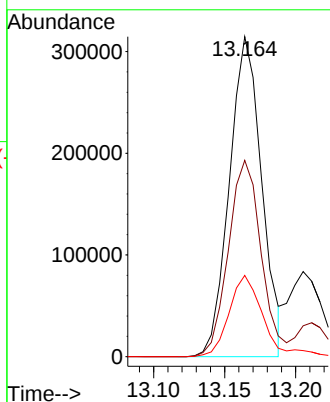
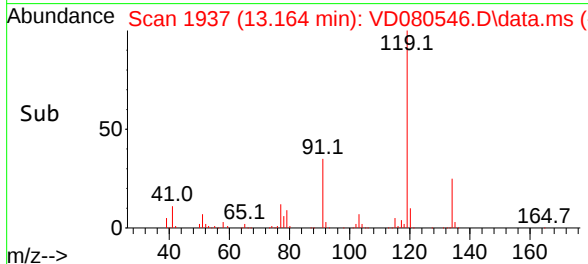
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



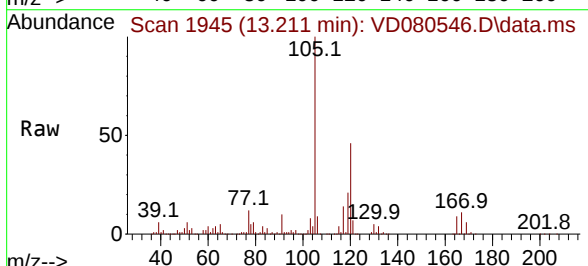
Tgt Ion:119 Resp: 498833
Ion Ratio Lower Upper
119 100
91 62.3 30.4 91.3
134 26.8 13.1 39.3

Manual Integrations
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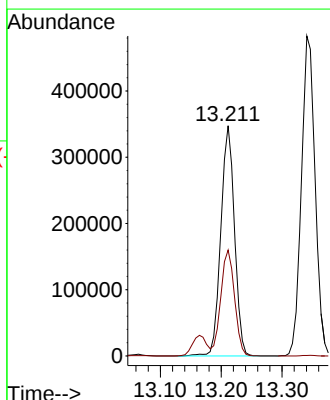
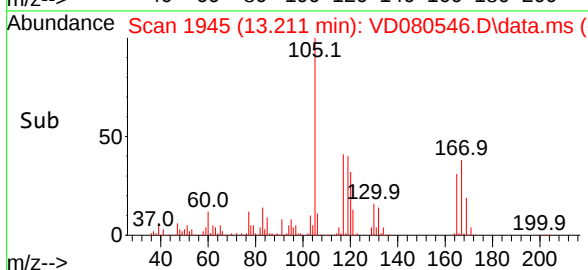
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

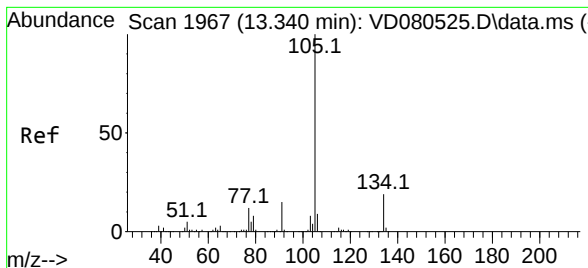


#84
1,2,4-Trimethylbenzene
Concen: 50.667 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



Tgt Ion:105 Resp: 542284
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 52.003 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 753018

Ion Ratio Lower Upper

105 100

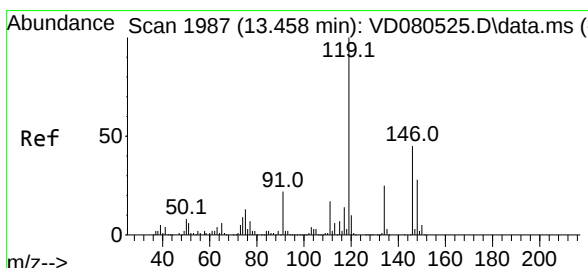
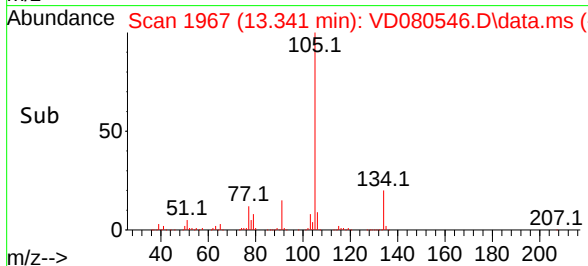
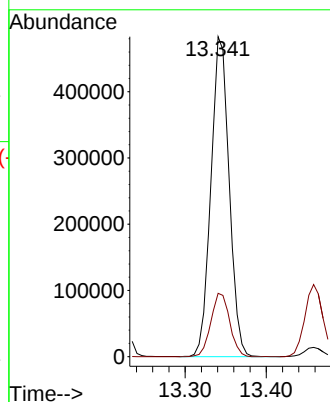
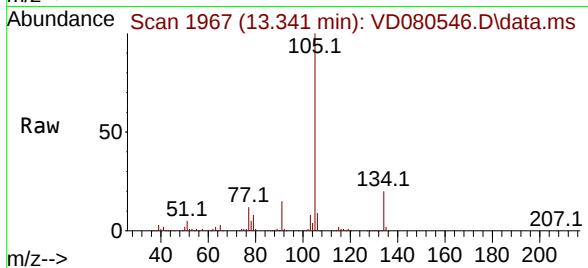
134 20.4 10.0 30.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#86

p-Isopropyltoluene

Concen: 52.756 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080546.D

Acq: 19 Nov 2025 13:01

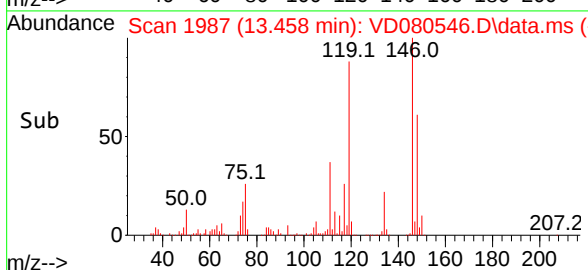
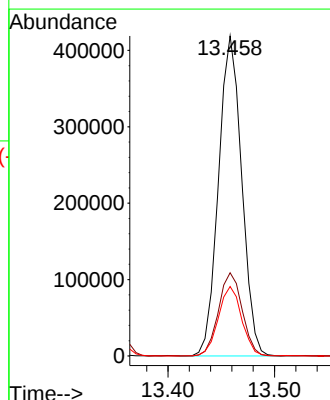
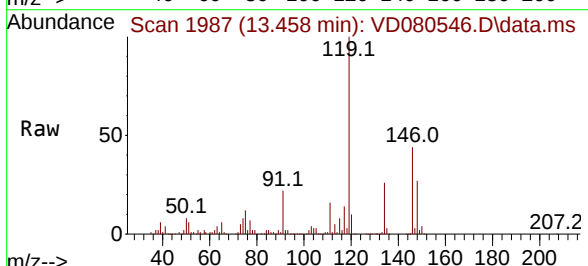
Tgt Ion:119 Resp: 633491

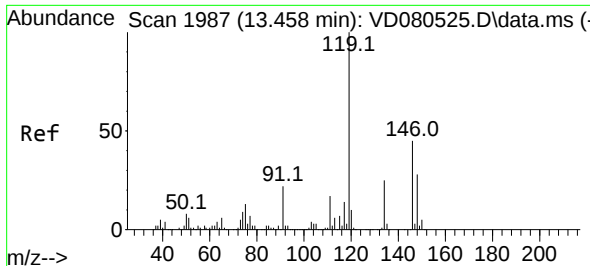
Ion Ratio Lower Upper

119 100

134 26.5 12.8 38.4

91 21.8 11.1 33.1





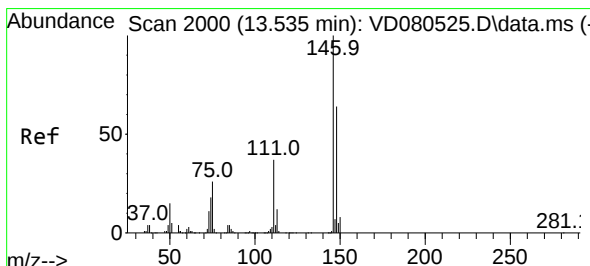
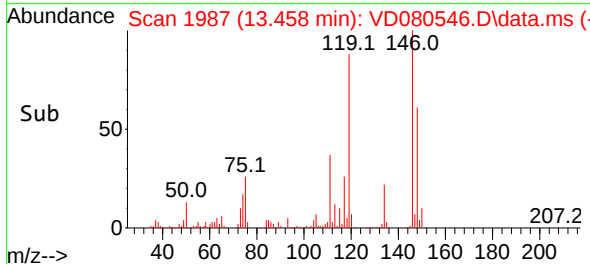
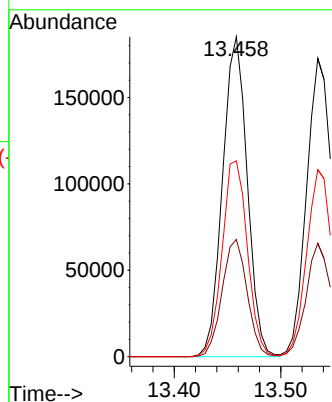
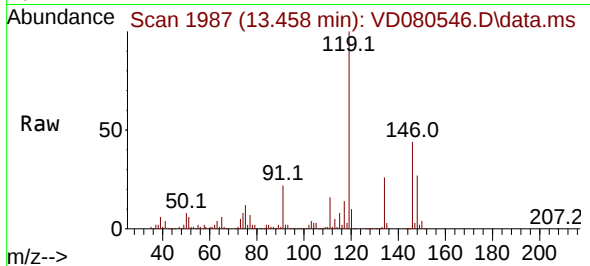
#87
1,3-Dichlorobenzene
Concen: 51.370 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 298095
Ion Ratio Lower Upper
146 100
111 37.1 19.4 58.2
148 62.8 31.4 94.0

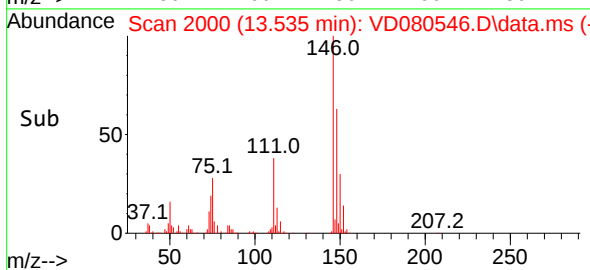
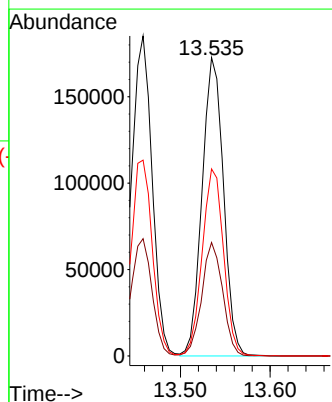
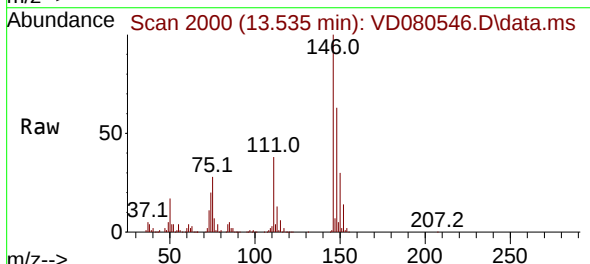
Manual Integrations
APPROVED

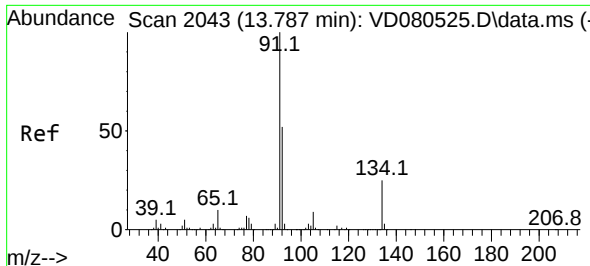
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#88
1,4-Dichlorobenzene
Concen: 50.401 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Tgt Ion:146 Resp: 285987
Ion Ratio Lower Upper
146 100
111 37.4 18.9 56.9
148 62.7 32.1 96.5





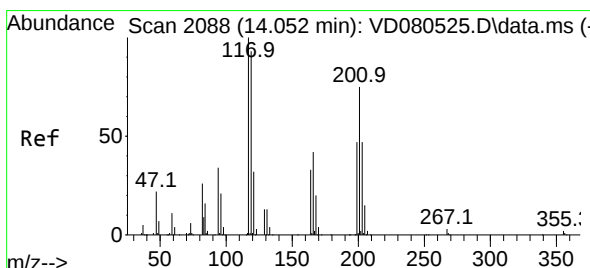
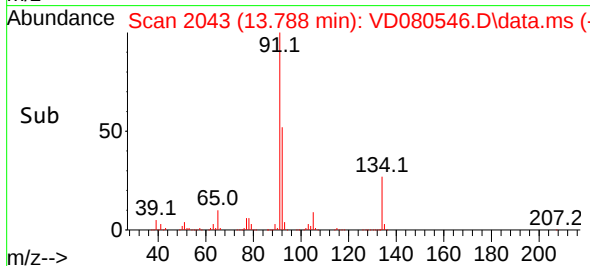
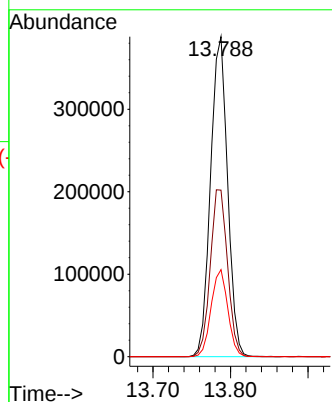
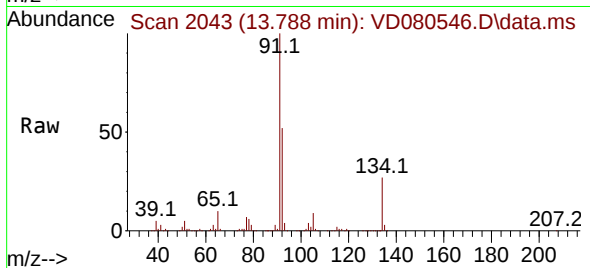
#89
n-Butylbenzene
Concen: 51.655 ug/l
RT: 13.788 min Scan# 2043
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 591479
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.1
134 26.6 12.6 37.8

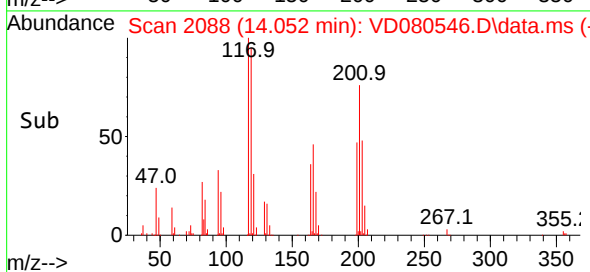
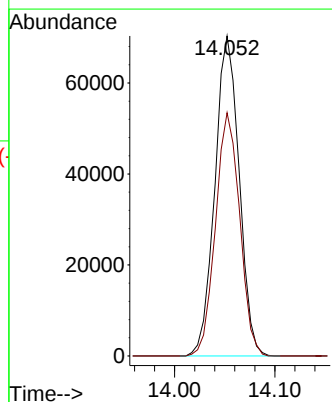
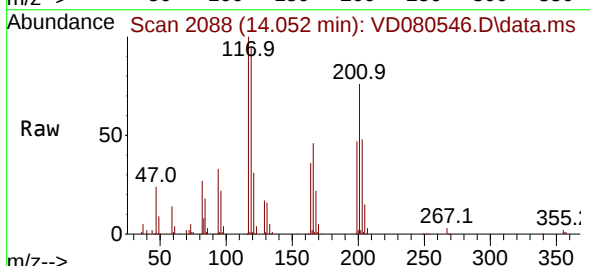
Manual Integrations
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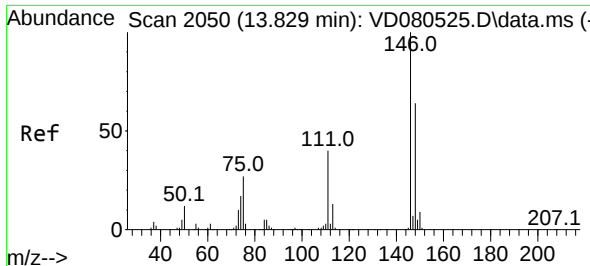
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025



#90
Hexachloroethane
Concen: 50.359 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

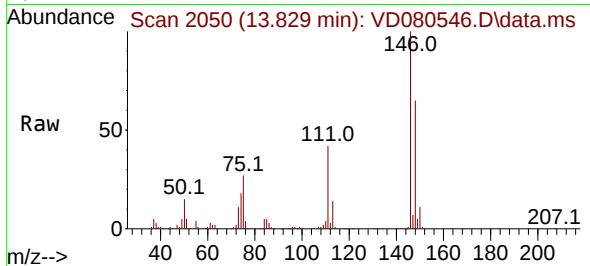
Tgt Ion:117 Resp: 117962
Ion Ratio Lower Upper
117 100
201 75.7 36.7 110.1





#91
1,2-Dichlorobenzene
Concen: 48.771 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

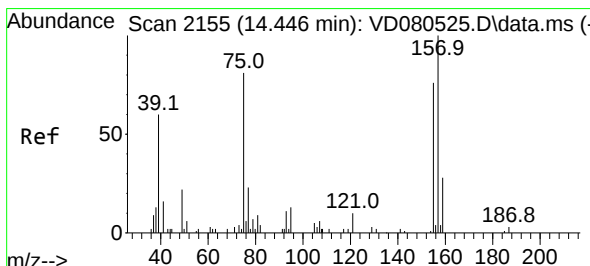
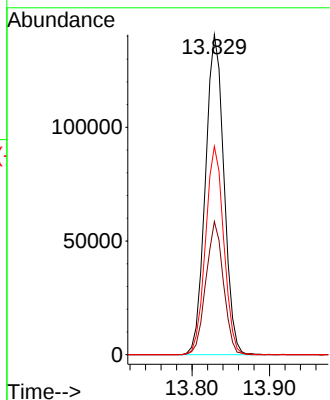
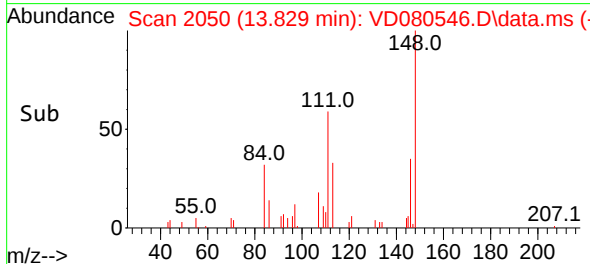
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



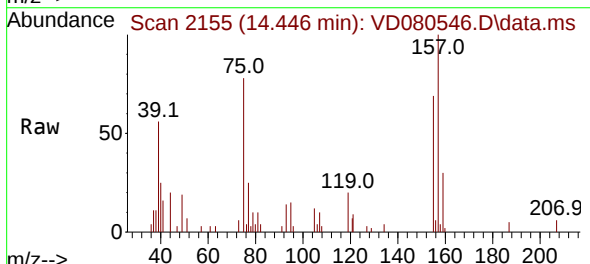
Tgt Ion:146 Resp: 233890
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.8
148 64.0 32.2 96.6

Manual Integrations
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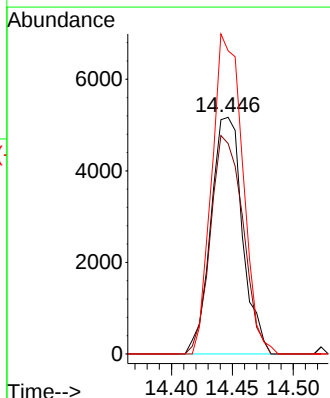
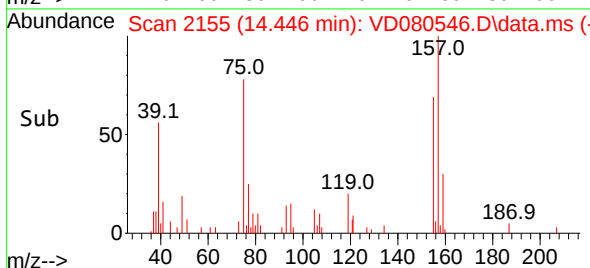
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

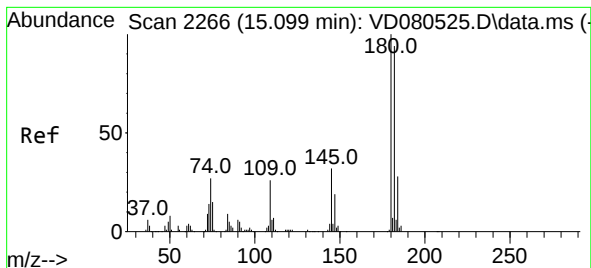


#92
1,2-Dibromo-3-Chloropropane
Concen: 39.347 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



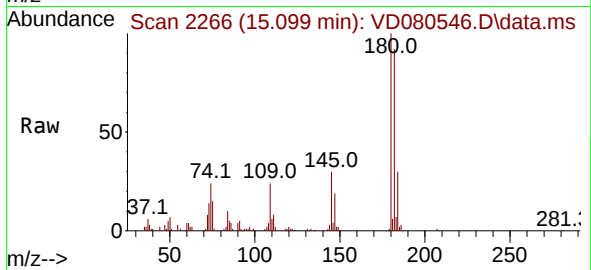
Tgt Ion: 75 Resp: 9349
Ion Ratio Lower Upper
75 100
155 94.4 46.4 139.2
157 131.7 59.6 178.7





#93
1,2,4-Trichlorobenzene
Concen: 48.025 ug/l
RT: 15.099 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

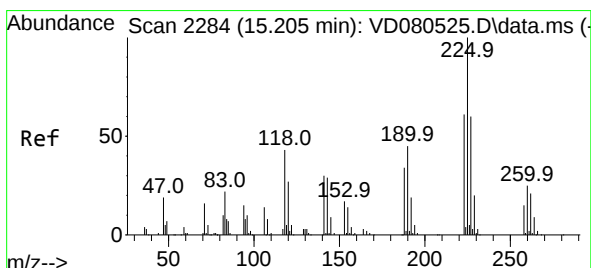
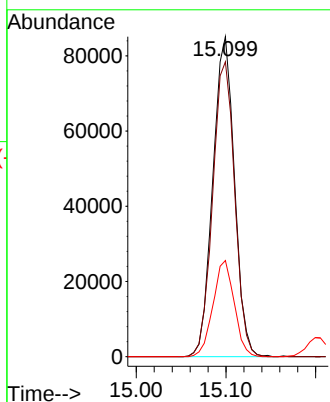
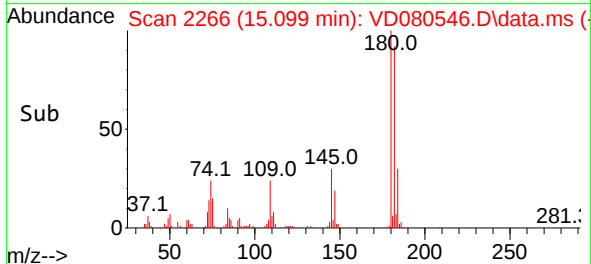
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



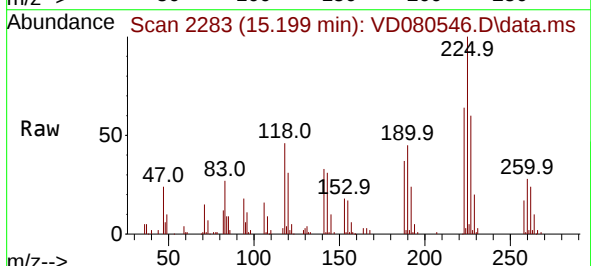
Tgt Ion:180 Resp: 14223
Ion Ratio Lower Upper
180 100
182 94.0 47.1 141.4
145 29.5 14.7 44.1

Manual Integrations
APPROVED

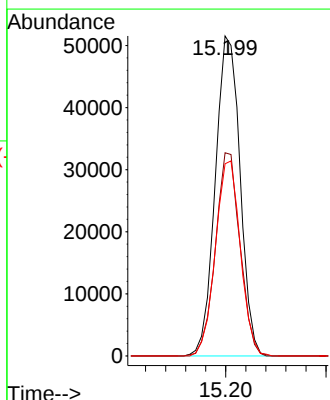
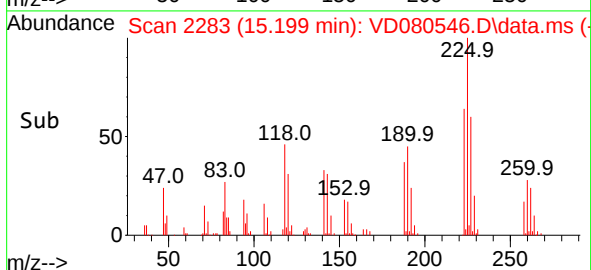
Reviewed By :Amit Patel 11/20/2025
Supervised By :Mahesh Dadoda 11/20/2025

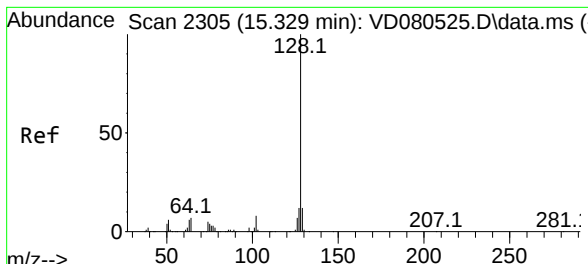


#94
Hexachlorobutadiene
Concen: 53.542 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01



Tgt Ion:225 Resp: 88296
Ion Ratio Lower Upper
225 100
223 62.8 31.4 94.0
227 61.6 31.9 95.5





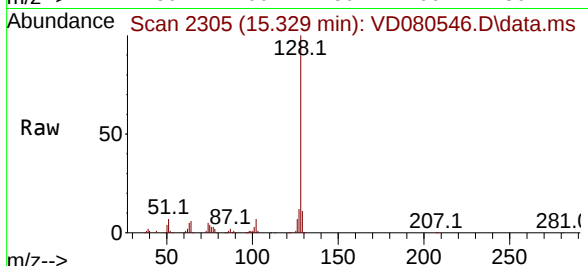
#95
Naphthalene
Concen: 43.927 ug/l
RT: 15.329 min Scan# 21170
Delta R.T. 0.000 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



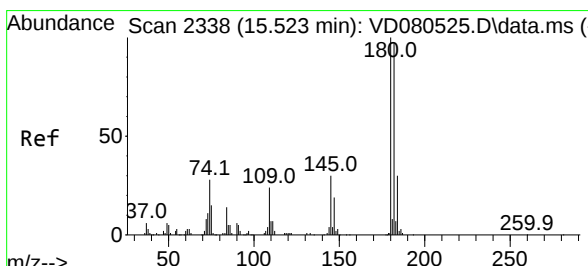
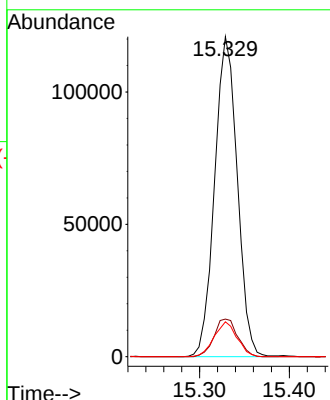
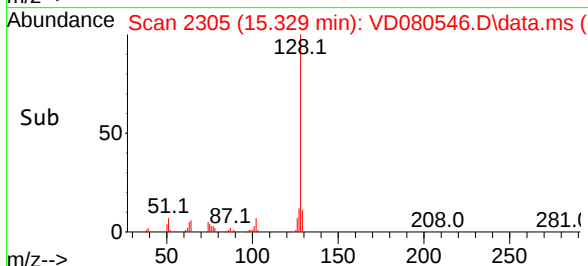
Tgt Ion:	128	Resp:	21170
Ion Ratio	Lower	Upper	
128	100		
127	11.7	9.8	14.6
129	10.9	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/20/2025

Supervised By :Mahesh Dadoda 11/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.106 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD080546.D
Acq: 19 Nov 2025 13:01

Tgt Ion:	180	Resp:	113019
Ion Ratio	Lower	Upper	
180	100		
182	93.3	48.4	145.2
145	31.0	15.9	47.6

