

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
 Data File : VD080299.D
 Acq On : 13 May 2025 13:01
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 14 01:31:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.870	168	124491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	192036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	183252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	104040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	72391	44.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.940%
35) Dibromofluoromethane	7.805	113	66022	51.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.600%
50) Toluene-d8	10.264	98	264054	52.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.140%
62) 4-Bromofluorobenzene	12.570	95	84877	52.144	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.280%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	46384	41.363	ug/l	96
3) Chloromethane	2.153	50	93124	42.825	ug/l	95
4) Vinyl Chloride	2.276	62	129292	39.949	ug/l	100
5) Bromomethane	2.682	94	88633	38.046	ug/l	98
6) Chloroethane	2.829	64	98105	42.873	ug/l	93
7) Trichlorofluoromethane	3.165	101	113420	45.704	ug/l	92
8) Diethyl Ether	3.594	74	32391	42.284	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.959	101	67403	44.083	ug/l	99
10) Methyl Iodide	4.153	142	73386	47.084	ug/l	97
11) Tert butyl alcohol	5.070	59	19659	201.240	ug/l #	80
12) 1,1-Dichloroethene	3.929	96	63107	41.865	ug/l	98
13) Acrolein	3.794	56	18576	108.074	ug/l	99
14) Allyl chloride	4.559	41	96722	40.799	ug/l	98
15) Acrylonitrile	5.253	53	77982	211.747	ug/l	98
16) Acetone	4.023	43	61938	250.848	ug/l	96
17) Carbon Disulfide	4.264	76	217906	41.629	ug/l	100
18) Methyl Acetate	4.559	43	41186	39.537	ug/l	97
19) Methyl tert-butyl Ether	5.323	73	154126	46.542	ug/l	99
20) Methylene Chloride	4.800	84	79239	45.764	ug/l	87
21) trans-1,2-Dichloroethene	5.306	96	73567	44.924	ug/l	97
22) Diisopropyl ether	6.217	45	225865	46.250	ug/l	95
23) Vinyl Acetate	6.158	43	657498	231.164	ug/l	97
24) 1,1-Dichloroethane	6.106	63	136793	44.514	ug/l	99
25) 2-Butanone	7.082	43	97094	219.199	ug/l	96
26) 2,2-Dichloropropane	7.076	77	114415	46.790	ug/l	97
27) cis-1,2-Dichloroethene	7.082	96	82252	45.335	ug/l	96
28) Bromochloromethane	7.423	49	63649	44.484	ug/l #	91
29) Tetrahydrofuran	7.441	42	65133	225.521	ug/l	99
30) Chloroform	7.594	83	141323	46.116	ug/l	96
31) Cyclohexane	7.876	56	113235	43.295	ug/l	99
32) 1,1,1-Trichloroethane	7.788	97	118998	47.595	ug/l	98
36) 1,1-Dichloropropene	8.005	75	97403	50.636	ug/l	98
37) Ethyl Acetate	7.170	43	46341	46.070	ug/l	97
38) Carbon Tetrachloride	7.988	117	102952	51.319	ug/l	96
39) Methylcyclohexane	9.270	83	115222	51.620	ug/l	98
40) Benzene	8.247	78	295721	49.064	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	24861	44.662	ug/l	92
42) 1,2-Dichloroethane	8.323	62	87169	49.910	ug/l	99
43) Isopropyl Acetate	8.358	43	88848	48.711	ug/l	95
44) Trichloroethene	9.029	130	72029	51.482	ug/l	99
45) 1,2-Dichloropropane	9.305	63	79559	51.468	ug/l	93
46) Dibromomethane	9.394	93	43722	51.950	ug/l	97
47) Bromodichloromethane	9.582	83	110049	51.517	ug/l	98
48) Methyl methacrylate	9.382	41	43198	49.844	ug/l	94
49) 1,4-Dioxane	9.388	88	10397	1039.070	ug/l	97
51) 4-Methyl-2-Pentanone	10.158	43	241110	256.551	ug/l	97
52) Toluene	10.329	92	188511	51.915	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	96590	49.599	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	114117	50.569	ug/l	97
55) 1,1,2-Trichloroethane	10.729	97	58508	52.556	ug/l	97
56) Ethyl methacrylate	10.594	69	71873	53.279	ug/l	98
57) 1,3-Dichloropropane	10.876	76	95193	51.450	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	150963	273.453	ug/l	98
59) 2-Hexanone	10.917	43	166811	258.022	ug/l	97
60) Dibromochloromethane	11.070	129	72484	51.955	ug/l	97
61) 1,2-Dibromoethane	11.176	107	52721	51.072	ug/l	98
64) Tetrachloroethene	10.805	164	63598	51.250	ug/l	97
65) Chlorobenzene	11.605	112	204518	49.427	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.676	131	71607	50.371	ug/l	97
67) Ethyl Benzene	11.682	91	360928	52.197	ug/l	97
68) m/p-Xylenes	11.788	106	287954	107.251	ug/l	99
69) o-Xylene	12.117	106	129578	52.816	ug/l	96
70) Styrene	12.135	104	235321	53.416	ug/l	99
71) Bromoform	12.299	173	45212	53.531	ug/l #	95
73) Isopropylbenzene	12.417	105	332443	49.259	ug/l	100
74) N-amyl acetate	12.229	43	90245	46.590	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	70078	47.218	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	88907	88.542	ug/l #	100
77) Bromobenzene	12.699	156	84567	48.308	ug/l	97
78) n-propylbenzene	12.758	91	439842	51.933	ug/l	100
79) 2-Chlorotoluene	12.846	91	245261	49.785	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	300352	52.178	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.464	75	25255	47.741	ug/l	93
82) 4-Chlorotoluene	12.940	91	263782	49.604	ug/l	99
83) tert-Butylbenzene	13.164	119	243027	50.594	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	303896	51.599	ug/l	98
85) sec-Butylbenzene	13.340	105	375224	50.655	ug/l	100
86) p-Isopropyltoluene	13.458	119	326206	52.398	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	174061	47.677	ug/l	97
88) 1,4-Dichlorobenzene	13.535	146	172781	46.945	ug/l	98
89) n-Butylbenzene	13.782	91	310638	51.402	ug/l	99
90) Hexachloroethane	14.052	117	67018	48.653	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	154491	48.714	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	10724	45.338	ug/l	98
93) 1,2,4-Trichlorobenzene	15.093	180	96552	48.410	ug/l	97
94) Hexachlorobutadiene	15.199	225	50051	48.236	ug/l	99
95) Naphthalene	15.329	128	174990	46.727	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	86666	48.585	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

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

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Abundance

TIC: VD080299.D\data.ms

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

1200000

1150000

1100000

1050000

1000000

950000

900000

850000

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

Dichlorodifluoromethane, T

Chloromethane, P

Vinyl Chloride, C

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acrolein, T

1,1,1-Trichloroethane, T

Acetone, T

Methyl Iodide, T

Carbon Disulfide, T

Methyl Chloride, T

Methylene Chloride, T

Tert butyl alcohol, T

Acrylonitrile, T

Methylcyclohexane, T

1,1-Dichloroethane, P

Diisopropyl ether, T

Vinyl Acetate, T

Ethyl Acetate, T

Methacrylonitrile, T

Chloroform, C

Dibromodichloromethane, T

Carbon tetrachloride, T

Isobutyl Alcohol, T

1,2-Dichloroethane, TM

1,4-Difluorobenzene, I

Trichloroethene, TM

Dimethylchlorosilane, T

Bromochloromethane, T

cis-1,3-Dichloropropene, T

2-Chloroethyl Vinyl ether, T

4-Methyl-2-Pentanone, T

Toluene, CM

Ethyl methylchloropropene, T

1,1,2-Trichloroethane, T

1,3-Dichloropropane, T

Dibromodichloromethane, T

1,2-Dibromodichloroethane, T

Chlorobenzene, T

1,1,1,2-Tetrafluoroethane, C

m/p-Xylenes, T

Bromochloroform, P

N-amyl acetate, T

trans-1,4-Dichloro-2-butene, T

1-Bromofluorobenzene, S

1,2,3-Trichlorobenzene, T

2-Chlorobutane, T

Bromobenzene, T

tert-Butylbenzene, T

sec-Butylbenzene, T

1,2,4-Trimethylbenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

n-Butylbenzene, T

Hexachloroethane, T

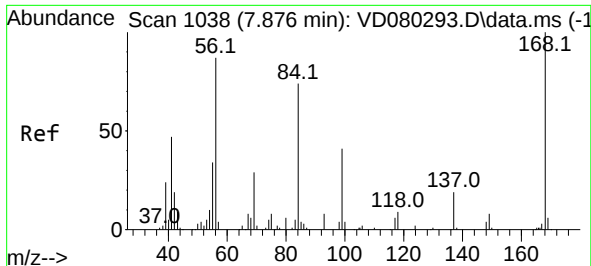
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Naphthalene, T

1,2,4-Trichlorobenzene, T

Hexachlorobutadiene, T

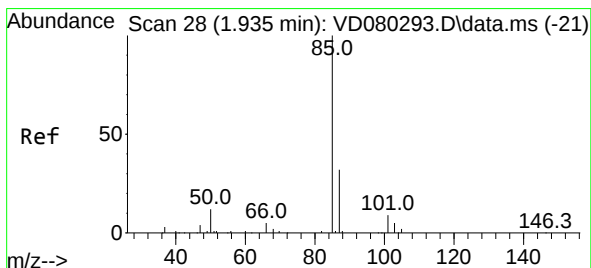
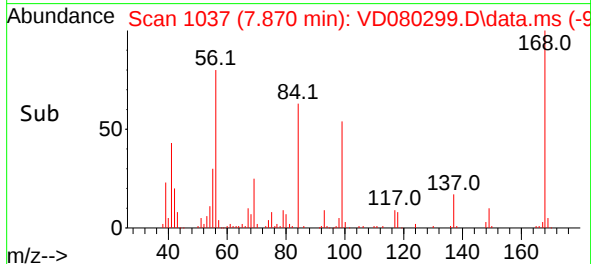
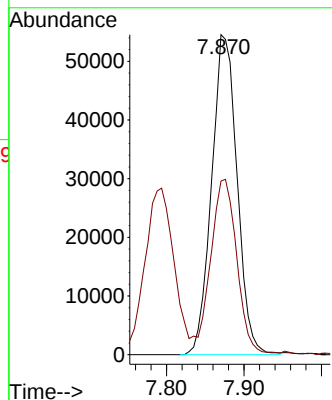
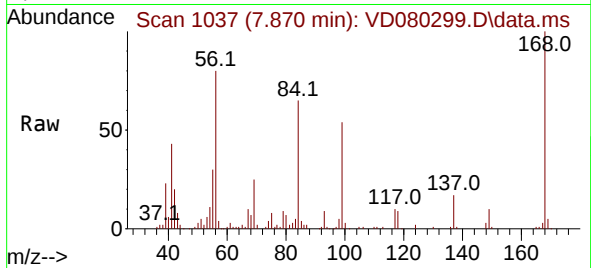
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.870 min Scan# 1038
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

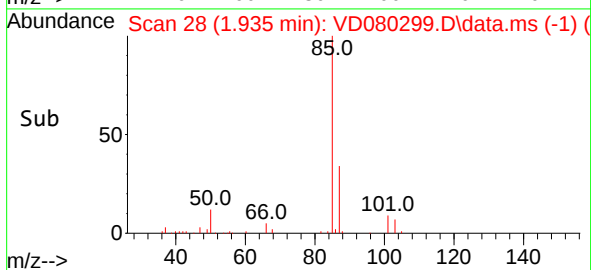
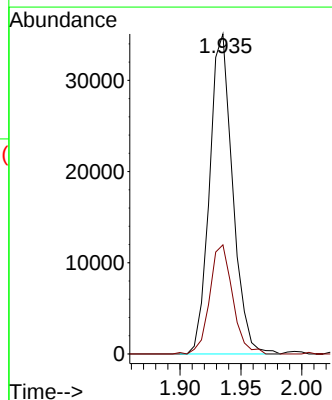
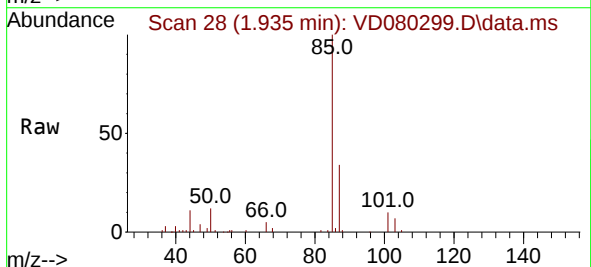
Instrument :
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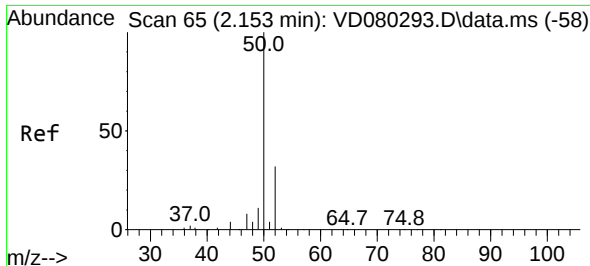
Tgt Ion:168 Resp: 124491
Ion Ratio Lower Upper
168 100
99 53.8 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 41.363 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 85 Resp: 46384
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2

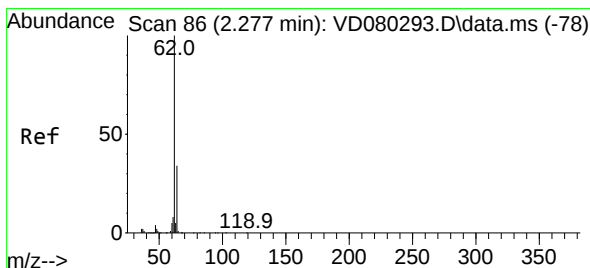
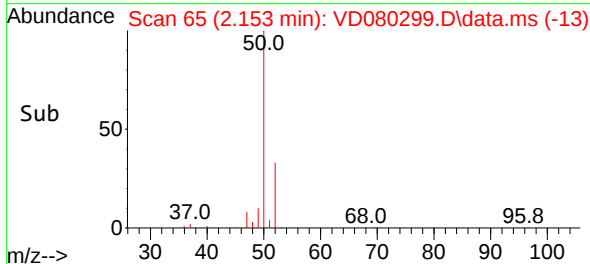
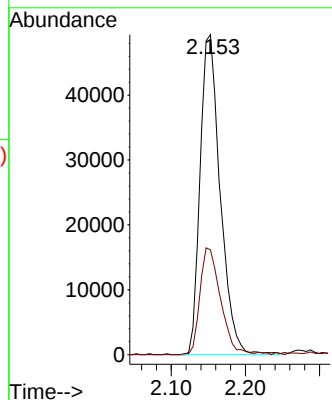
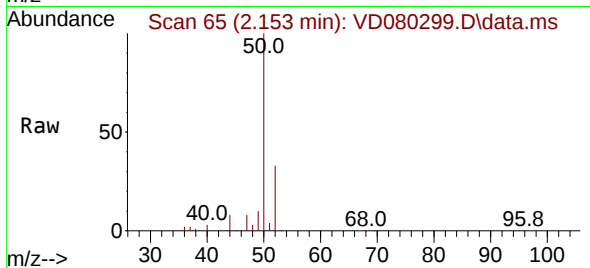




#3
Chloromethane
Concen: 42.825 ug/l
RT: 2.153 min Scan# 65
Delta R.T. 0.007 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

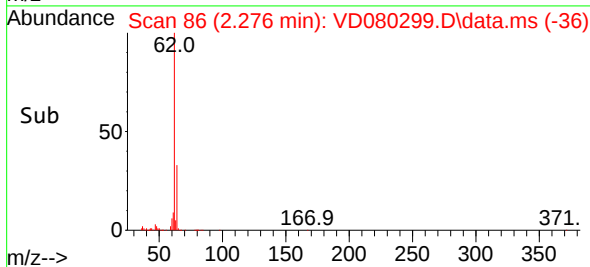
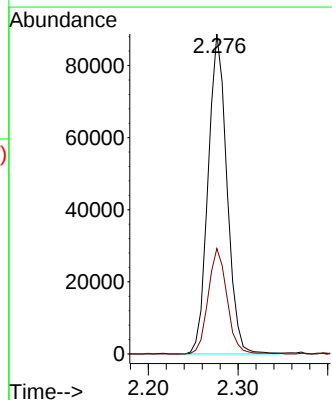
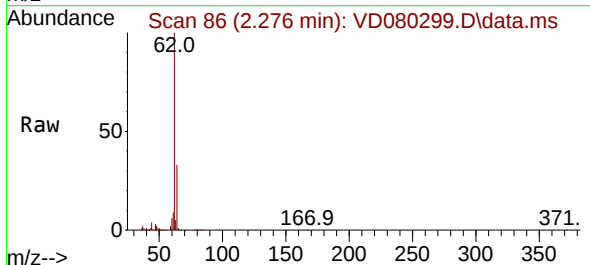
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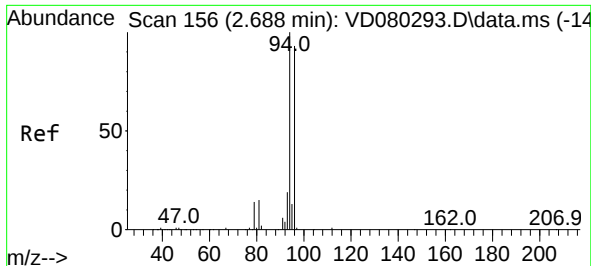
Tgt Ion: 50 Resp: 93124
Ion Ratio Lower Upper
50 100
52 32.8 28.8 43.2



#4
Vinyl Chloride
Concen: 39.949 ug/l
RT: 2.276 min Scan# 86
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 62 Resp: 129292
Ion Ratio Lower Upper
62 100
64 33.0 26.5 39.7

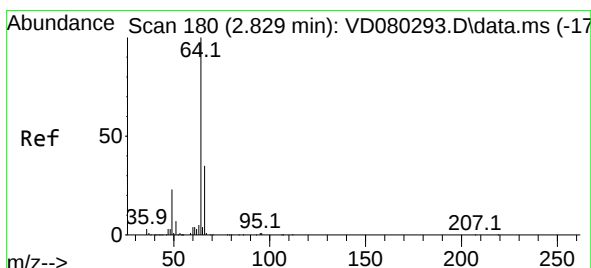
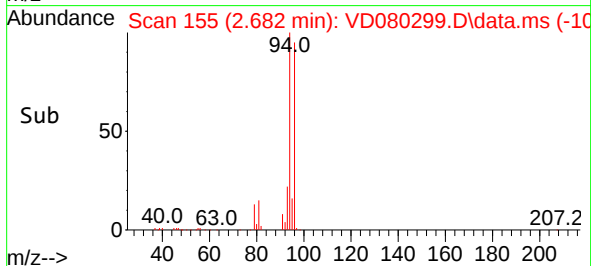
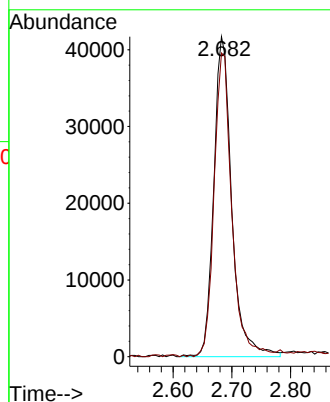
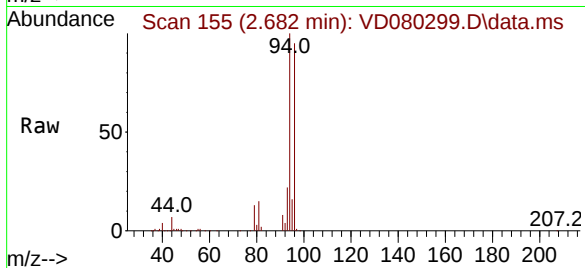




#5
Bromomethane
Concen: 38.046 ug/l
RT: 2.682 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

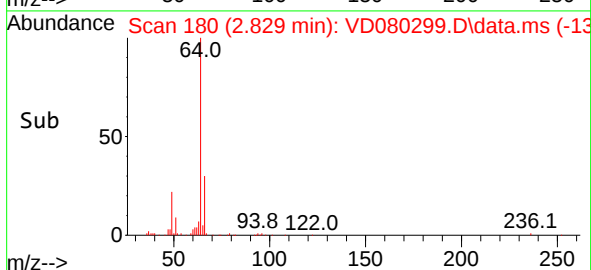
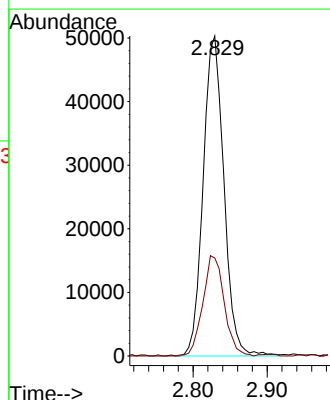
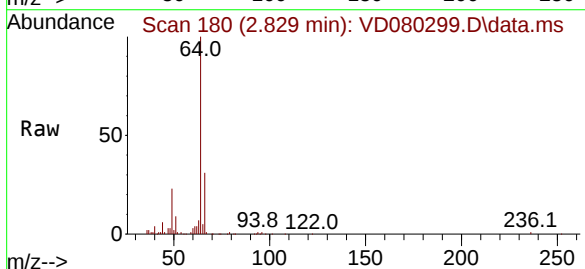
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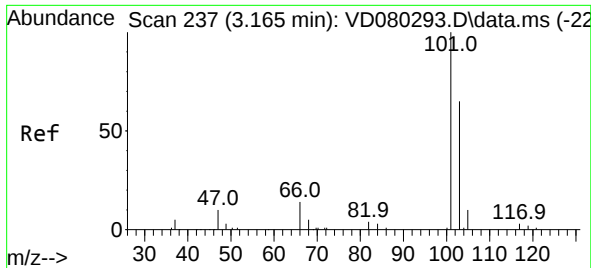
Tgt Ion: 94 Resp: 88633
Ion Ratio Lower Upper
94 100
96 93.7 76.2 114.2



#6
Chloroethane
Concen: 42.873 ug/l
RT: 2.829 min Scan# 180
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 64 Resp: 98105
Ion Ratio Lower Upper
64 100
66 30.6 27.6 41.4

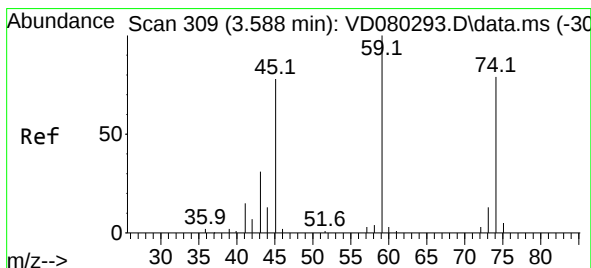
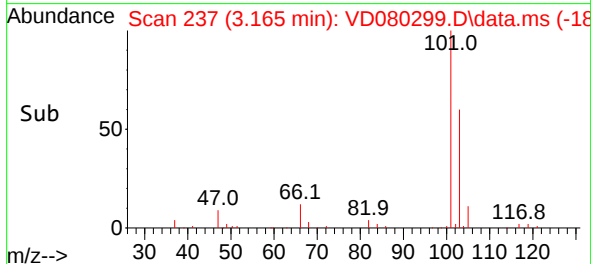
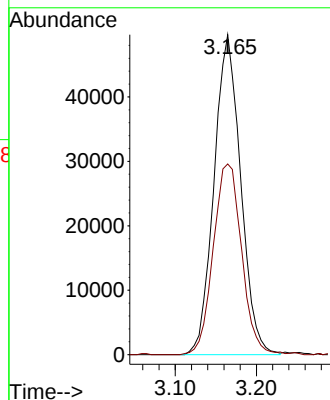
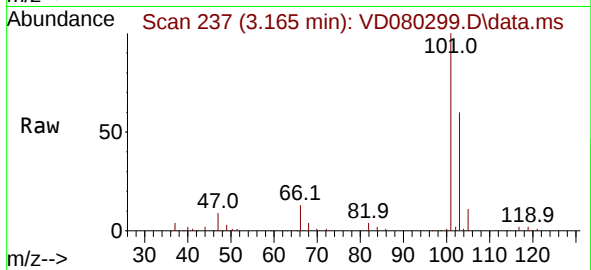




#7
Trichlorofluoromethane
Concen: 45.704 ug/l
RT: 3.165 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

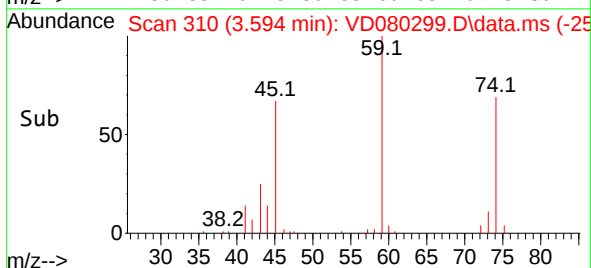
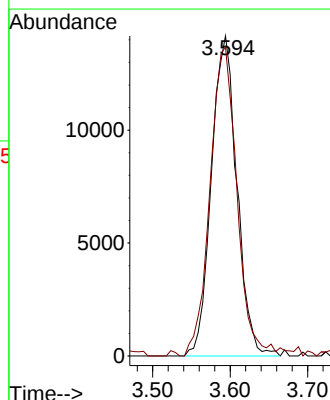
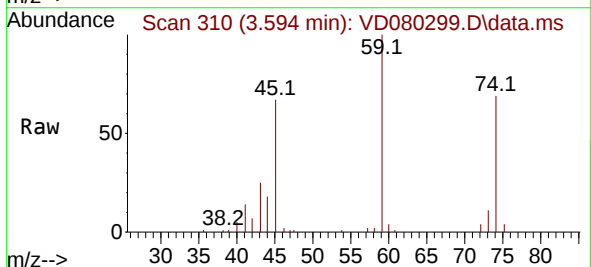
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

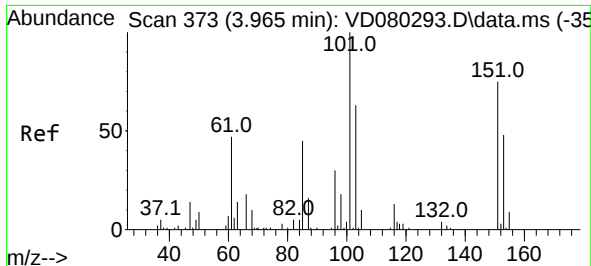
Tgt Ion:101 Resp: 113420
Ion Ratio Lower Upper
101 100
103 59.6 53.0 79.6



#8
Diethyl Ether
Concen: 42.284 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 74 Resp: 32391
Ion Ratio Lower Upper
74 100
45 103.9 47.8 143.3

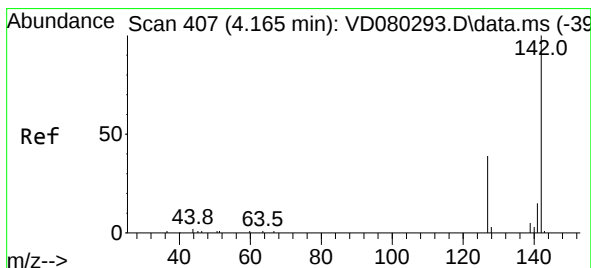
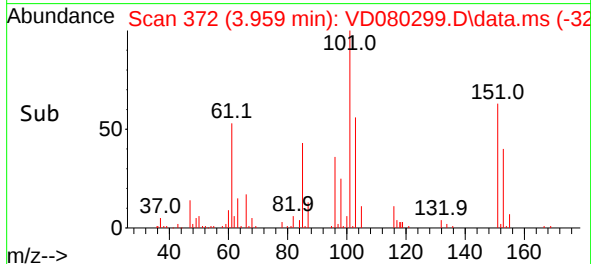
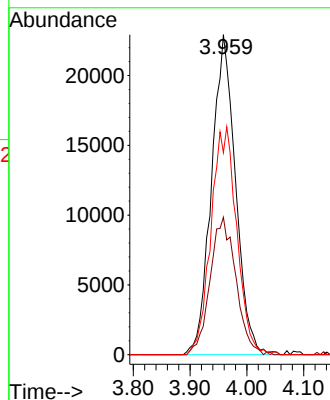
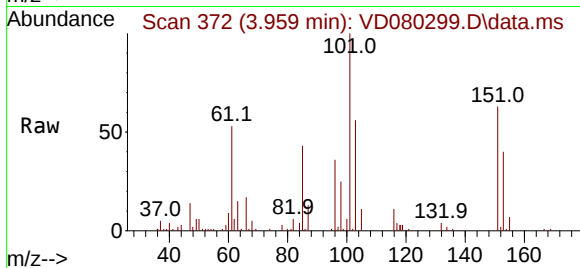




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.083 ug/l
RT: 3.959 min Scan# 31
Delta R.T. -0.011 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

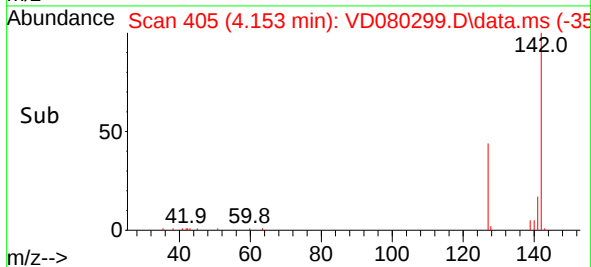
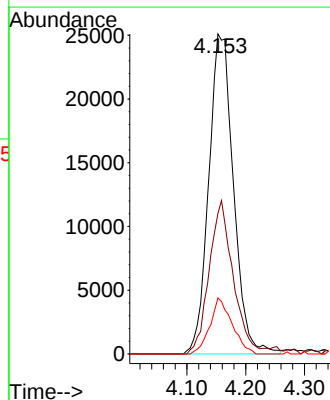
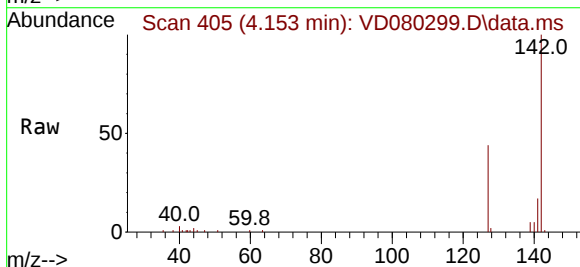
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

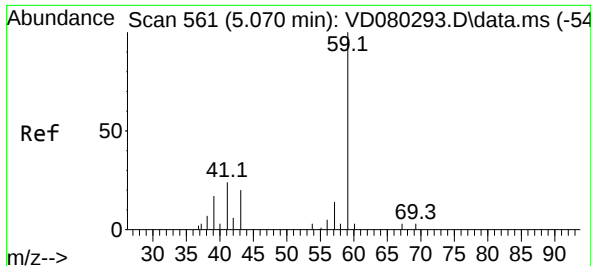
Tgt Ion:101 Resp: 67403
Ion Ratio Lower Upper
101 100
85 45.8 35.3 52.9
151 75.9 60.3 90.5



#10
Methyl Iodide
Concen: 47.084 ug/l
RT: 4.153 min Scan# 405
Delta R.T. -0.011 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion:142 Resp: 73386
Ion Ratio Lower Upper
142 100
127 46.5 35.3 52.9
141 15.7 12.2 18.2

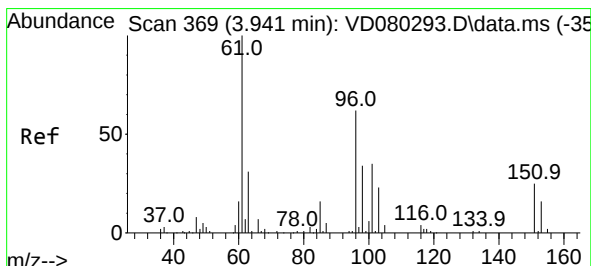
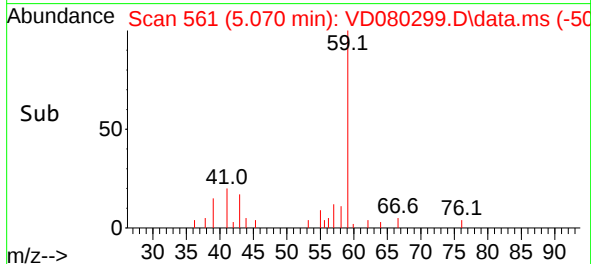
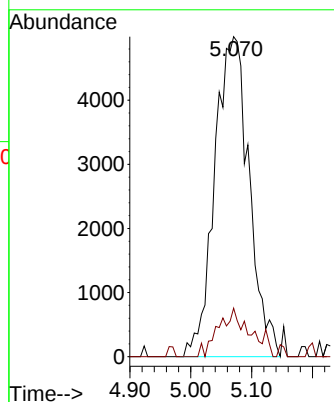
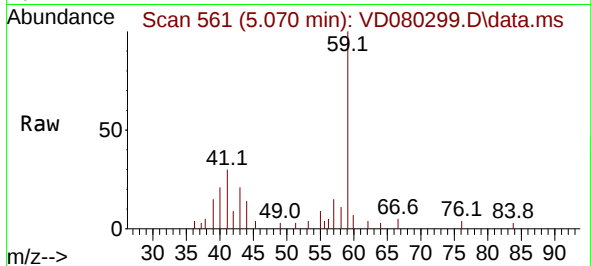




#11
Tert butyl alcohol
Concen: 201.240 ug/l
RT: 5.070 min Scan# 50
Delta R.T. 0.012 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

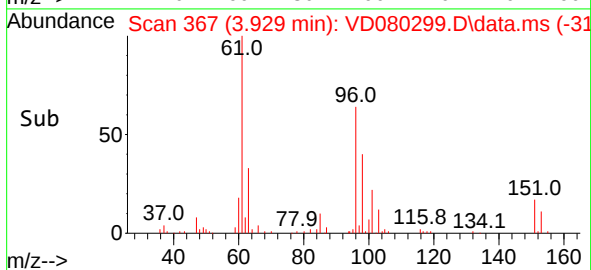
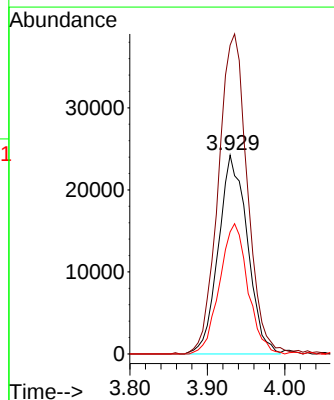
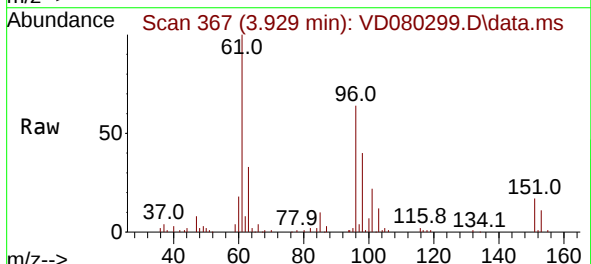
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

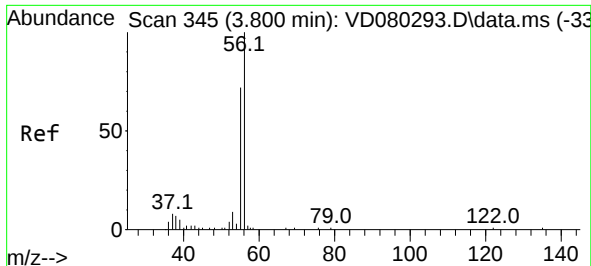
Tgt Ion: 59 Resp: 19659
Ion Ratio Lower Upper
59 100
57 12.7 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 41.865 ug/l
RT: 3.929 min Scan# 367
Delta R.T. -0.011 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 96 Resp: 63107
Ion Ratio Lower Upper
96 100
61 155.4 122.6 184.0
98 61.5 47.1 70.7

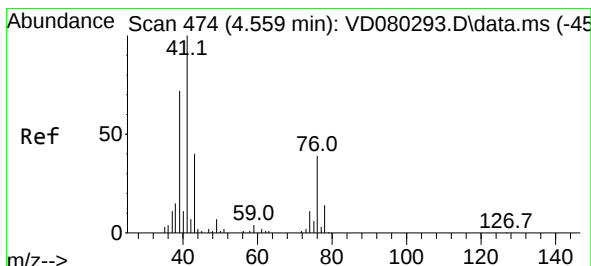
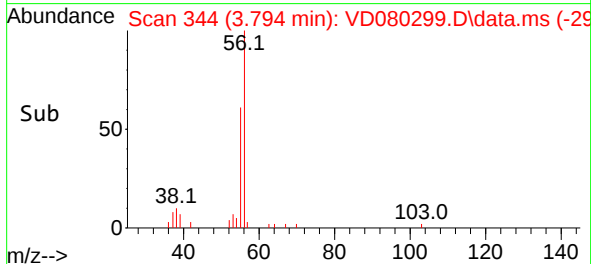
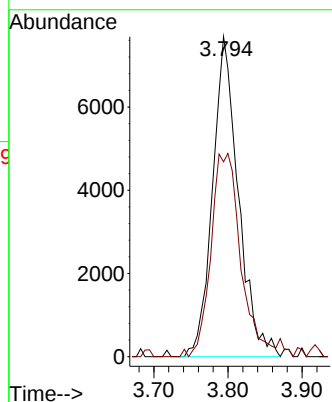
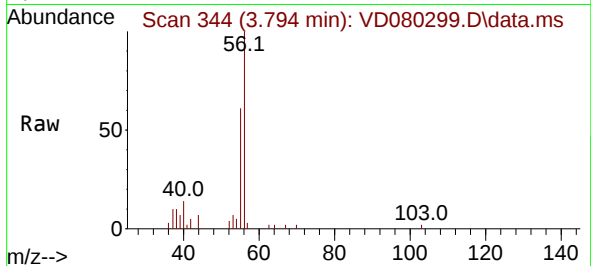




#13
Acrolein
Concen: 108.074 ug/l
RT: 3.794 min Scan# 345
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

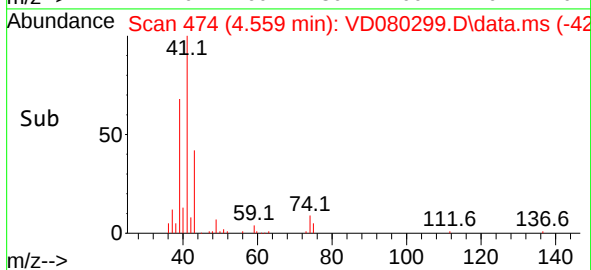
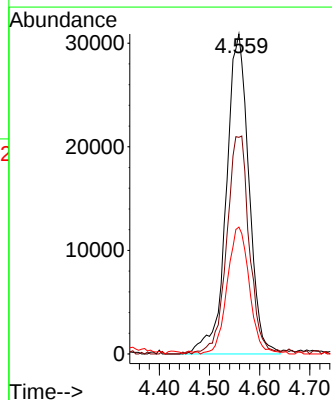
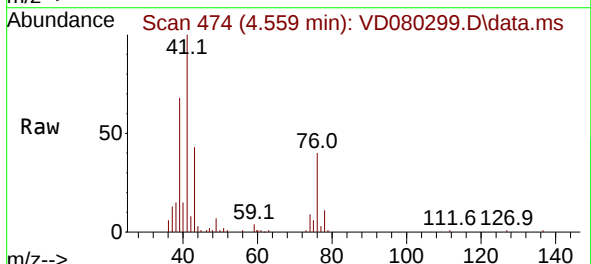
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

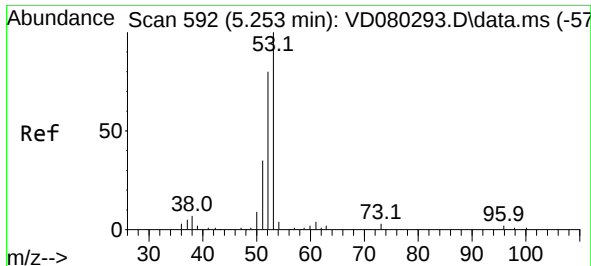
Tgt Ion: 56 Resp: 18576
Ion Ratio Lower Upper
56 100
55 73.2 58.2 87.2



#14
Allyl chloride
Concen: 40.799 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 41 Resp: 96722
Ion Ratio Lower Upper
41 100
39 68.5 53.3 79.9
76 39.0 32.0 48.0

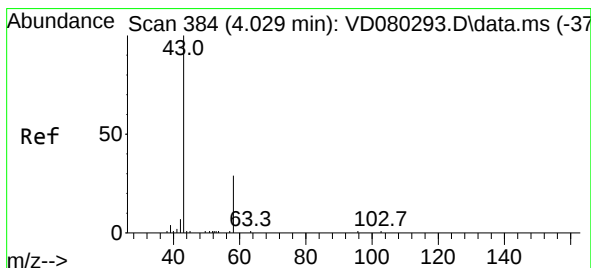
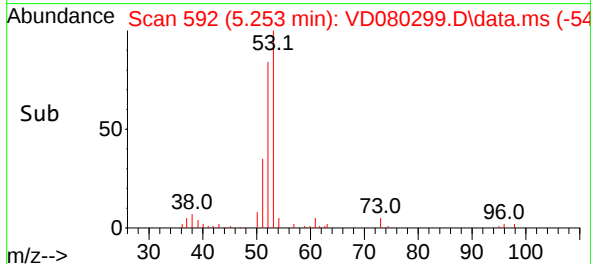
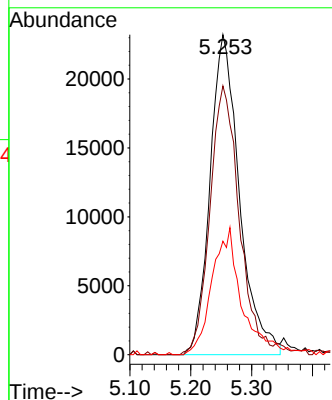
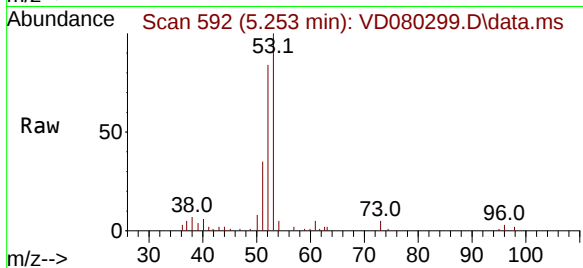




#15
Acrylonitrile
Concen: 211.747 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

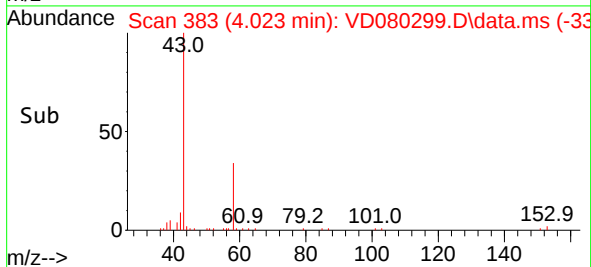
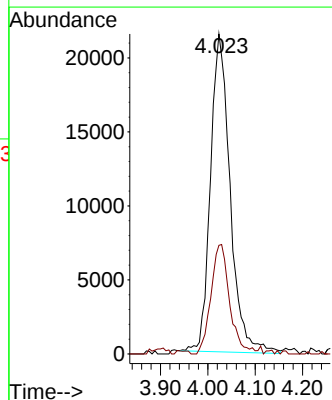
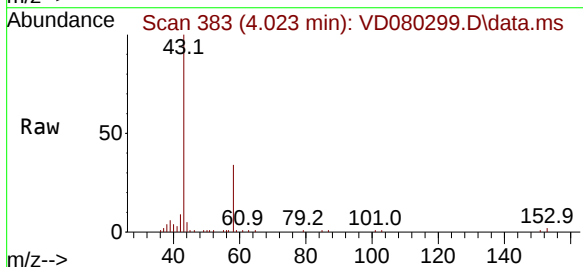
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

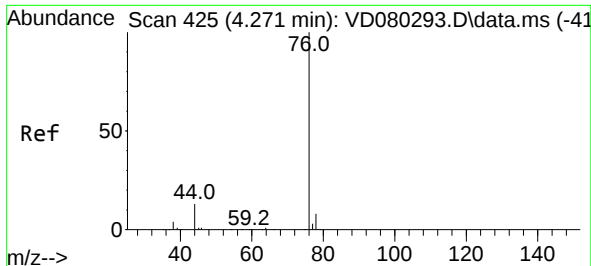
Tgt Ion:	53	Resp:	77982
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.2	99.4
51	40.4	30.3	45.5



#16
Acetone
Concen: 250.848 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion:	43	Resp:	61938
Ion	Ratio	Lower	Upper
43	100		
58	34.3	25.4	38.2

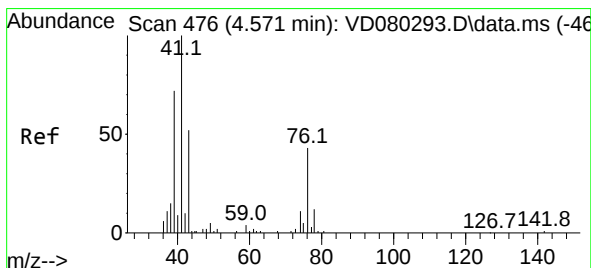
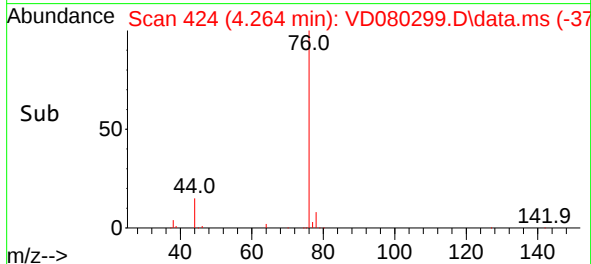
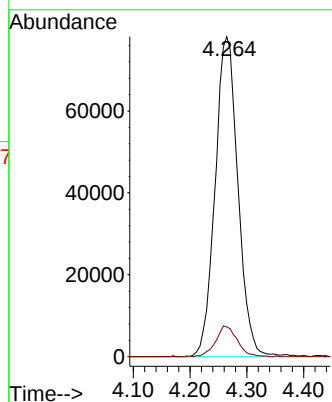
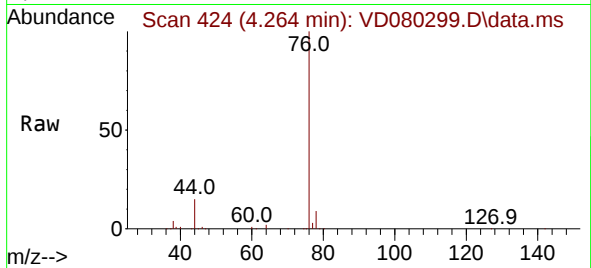




#17
Carbon Disulfide
Concen: 41.629 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

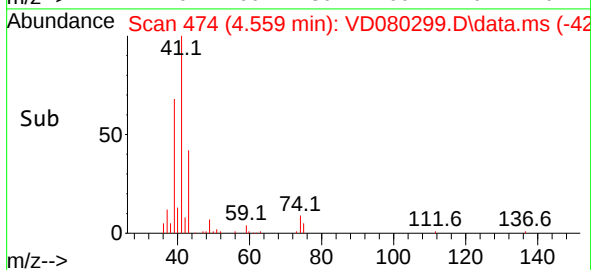
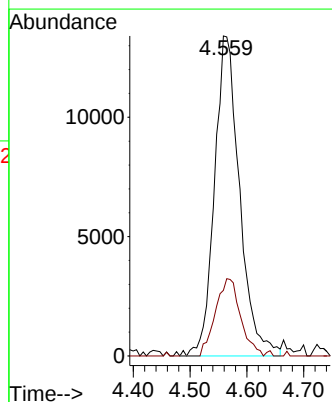
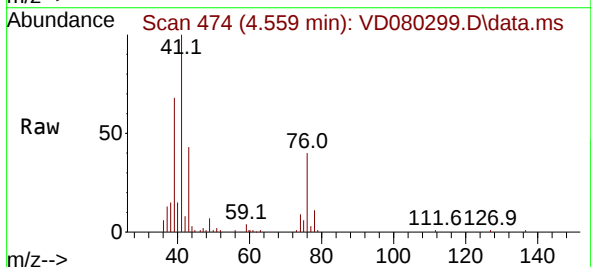
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

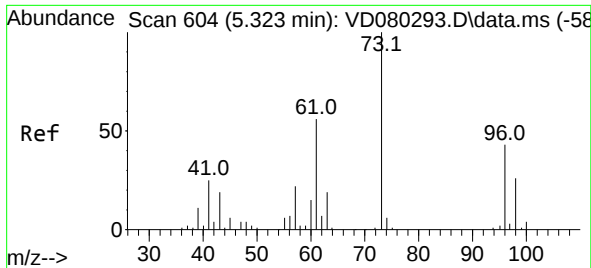
Tgt Ion: 76 Resp: 217906
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 39.537 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 43 Resp: 41186
Ion Ratio Lower Upper
43 100
74 24.1 20.5 30.7

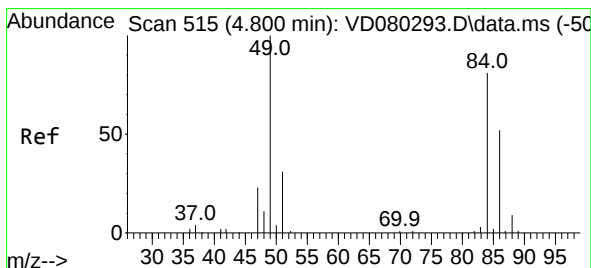
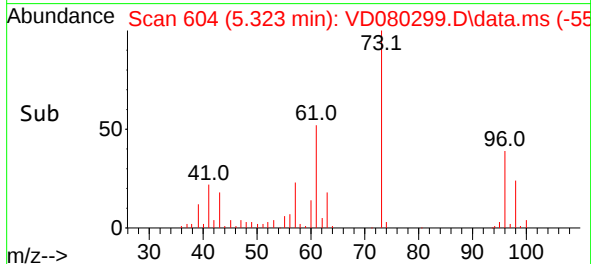
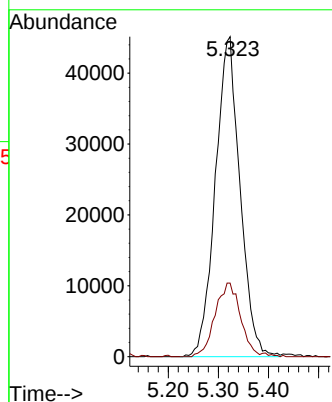
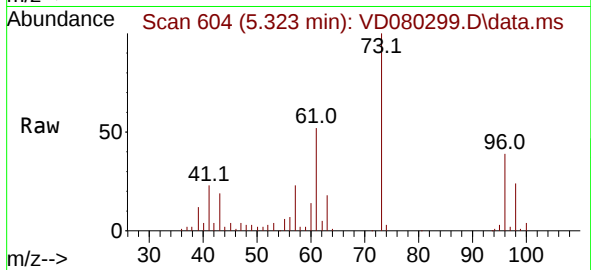




#19
Methyl tert-butyl Ether
Concen: 46.542 ug/l
RT: 5.323 min Scan# 604
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

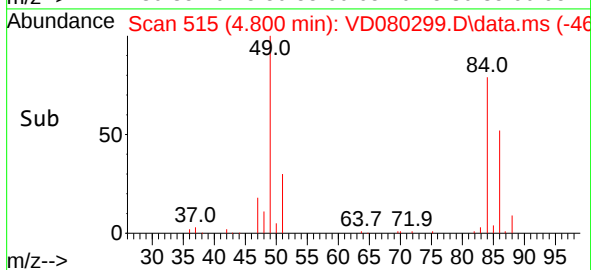
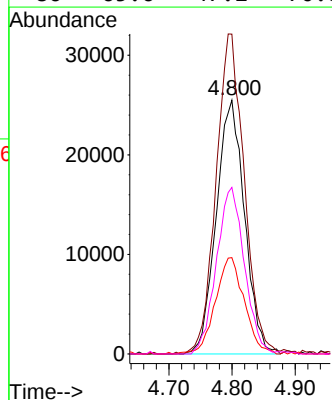
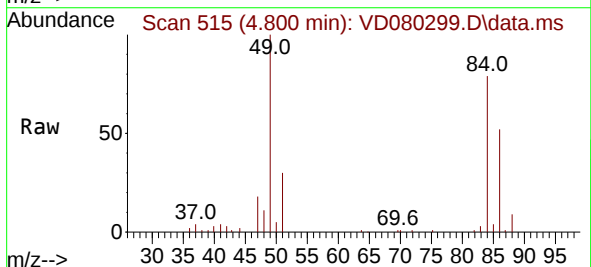
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

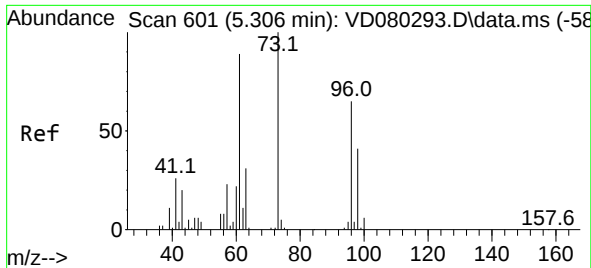
Tgt Ion: 73 Resp: 154126
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2



#20
Methylene Chloride
Concen: 45.764 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 84 Resp: 79239
Ion Ratio Lower Upper
84 100
49 126.0 86.5 129.7
51 37.9 26.9 40.3
86 65.6 47.2 70.8

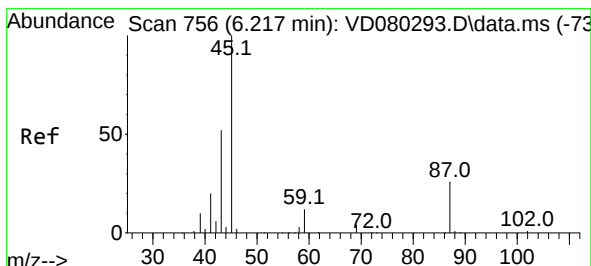
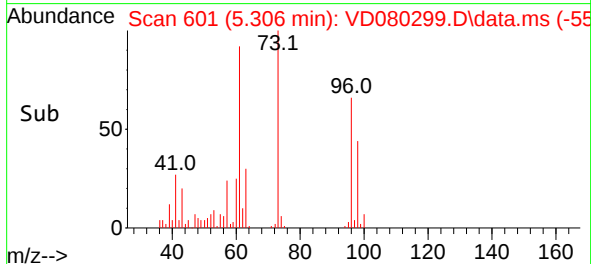
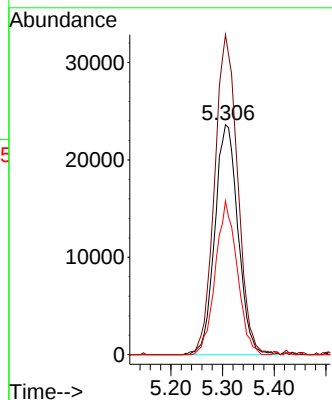
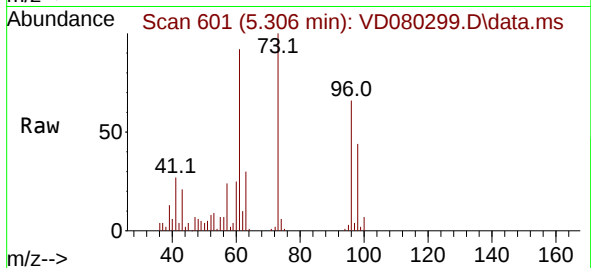




#21
trans-1,2-Dichloroethene
Concen: 44.924 ug/l
RT: 5.306 min Scan# 601
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

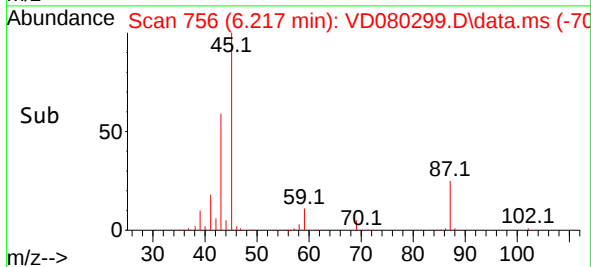
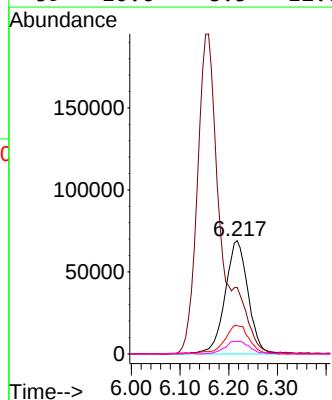
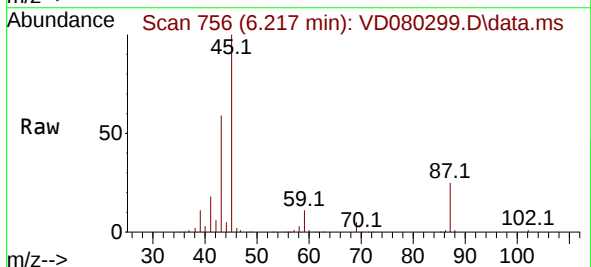
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

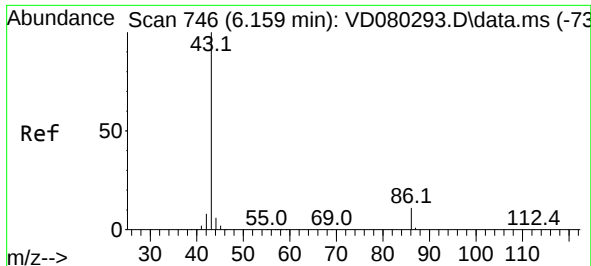
Tgt Ion: 96 Resp: 73567
Ion Ratio Lower Upper
96 100
61 139.2 109.4 164.0
98 66.8 49.8 74.8



#22
Diisopropyl ether
Concen: 46.250 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 45 Resp: 225865
Ion Ratio Lower Upper
45 100
43 57.0 42.6 63.8
87 24.9 22.7 34.1
59 10.6 8.5 12.7

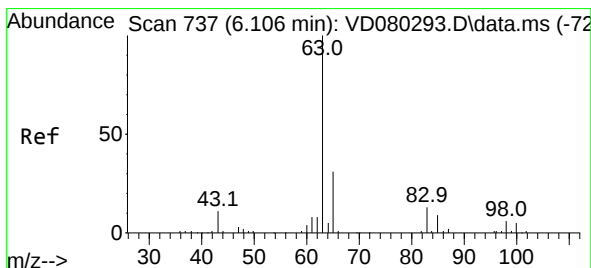
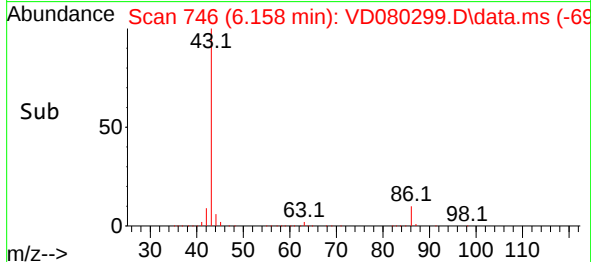
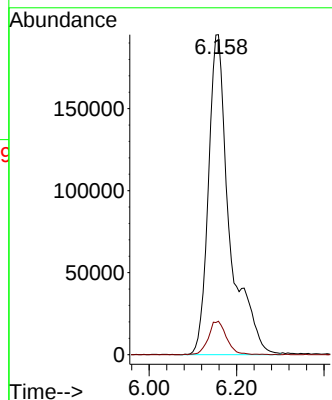
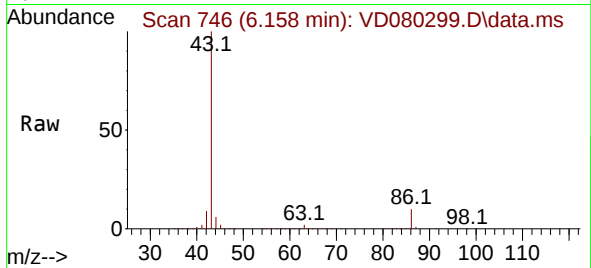




#23
 Vinyl Acetate
 Concen: 231.164 ug/l
 RT: 6.158 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080299.D
 Acq: 13 May 2025 13:01

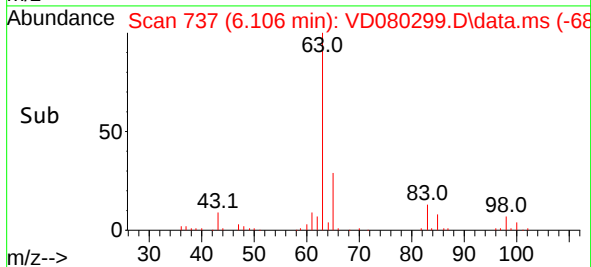
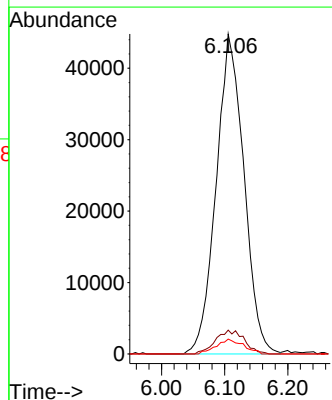
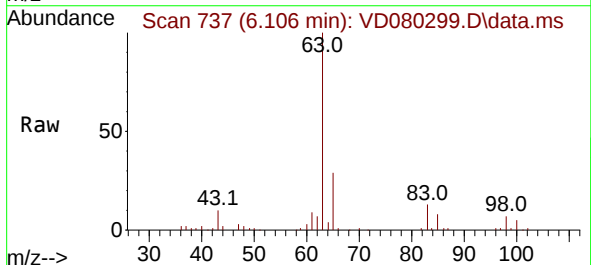
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

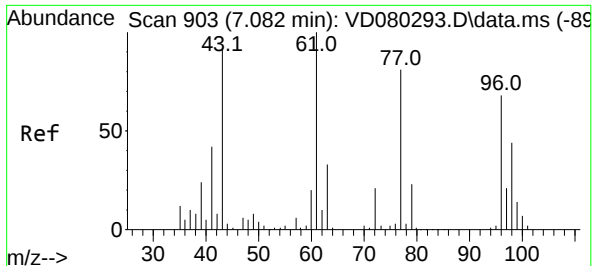
Tgt Ion: 43 Resp: 657498
 Ion Ratio Lower Upper
 43 100
 86 10.4 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 44.514 ug/l
 RT: 6.106 min Scan# 737
 Delta R.T. -0.011 min
 Lab File: VD080299.D
 Acq: 13 May 2025 13:01

Tgt Ion: 63 Resp: 136793
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.6 2.1 6.5

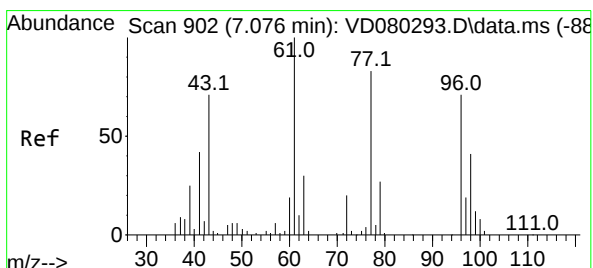
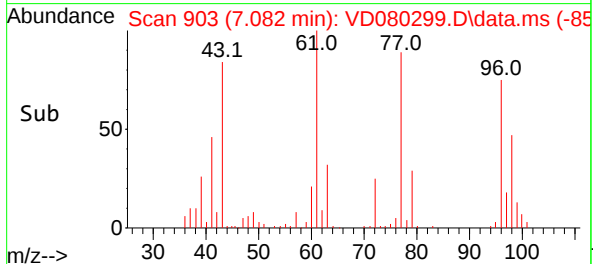
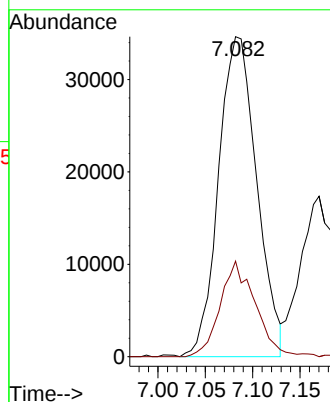
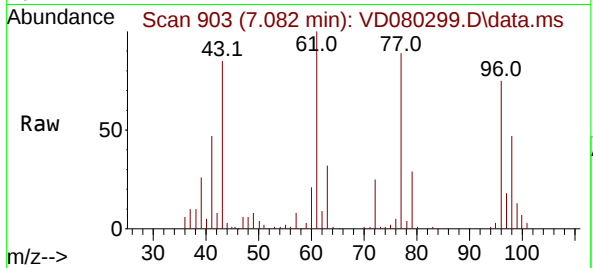




#25
2-Butanone
Concen: 219.199 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

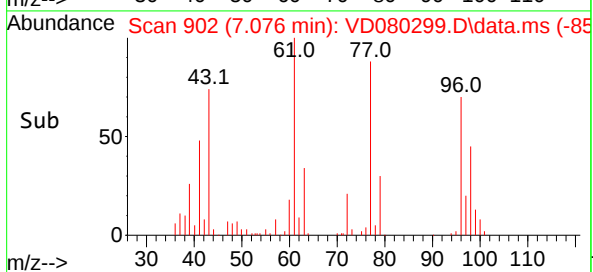
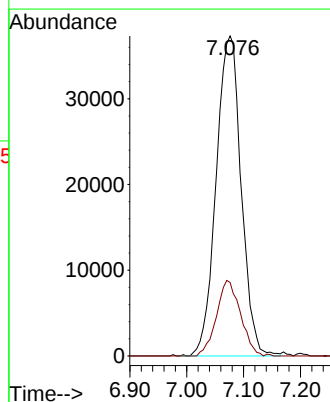
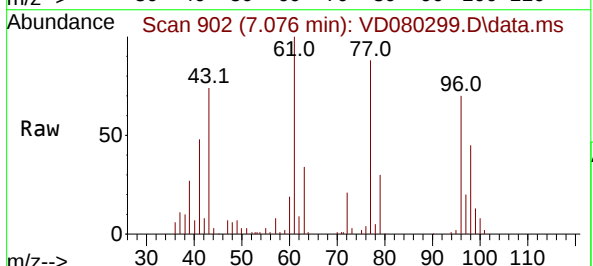
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

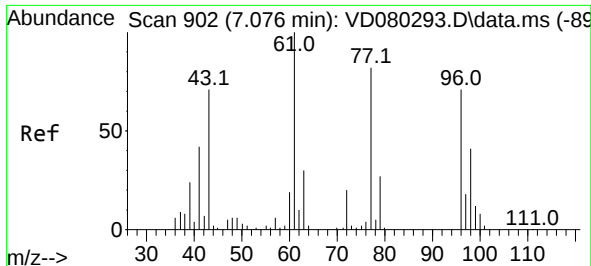
Tgt Ion: 43 Resp: 97094
Ion Ratio Lower Upper
43 100
72 29.9 22.3 33.5



#26
2,2-Dichloropropane
Concen: 46.790 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 77 Resp: 114415
Ion Ratio Lower Upper
77 100
97 22.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 45.335 ug/l

RT: 7.082 min Scan# 902

Delta R.T. 0.001 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

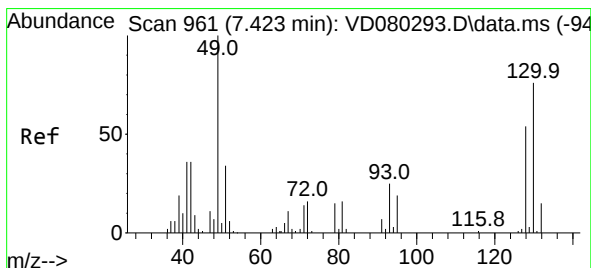
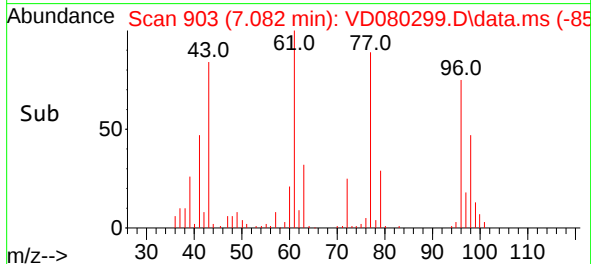
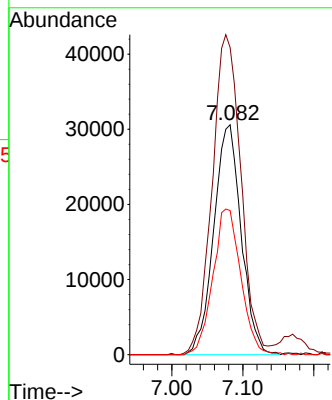
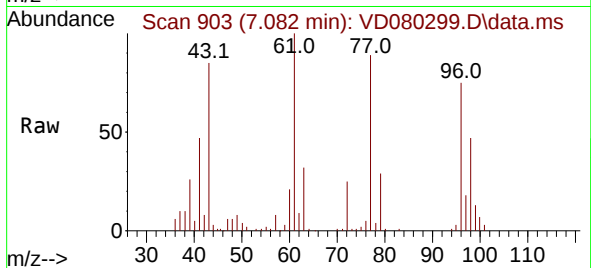
Tgt Ion: 96 Resp: 82252

Ion Ratio Lower Upper

96 100

61 145.2 0.0 278.2

98 64.4 0.0 127.8



#28

Bromochloromethane

Concen: 44.484 ug/l

RT: 7.423 min Scan# 961

Delta R.T. -0.005 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

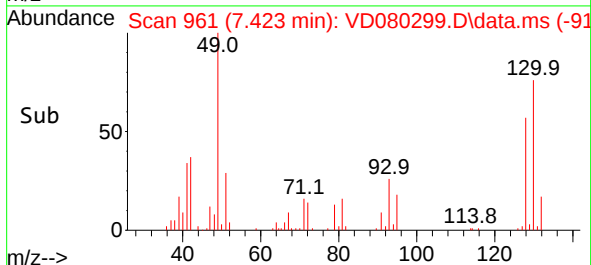
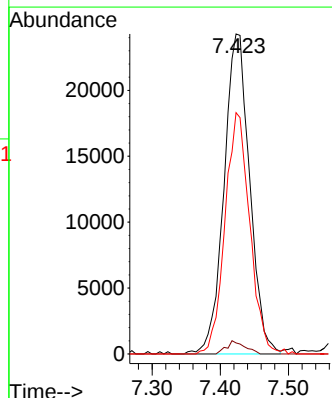
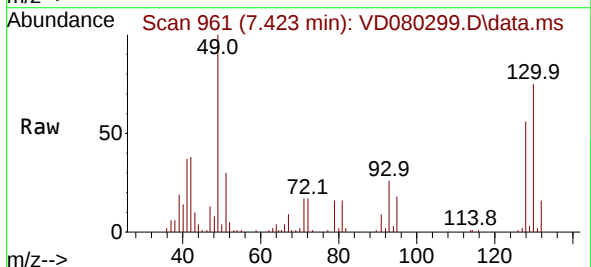
Tgt Ion: 49 Resp: 63649

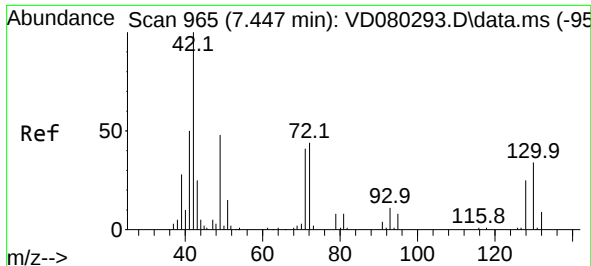
Ion Ratio Lower Upper

49 100

129 2.9 0.0 2.2#

130 72.8 64.6 97.0





#29

Tetrahydrofuran

Concen: 225.521 ug/l

RT: 7.441 min Scan# 964

Delta R.T. -0.005 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

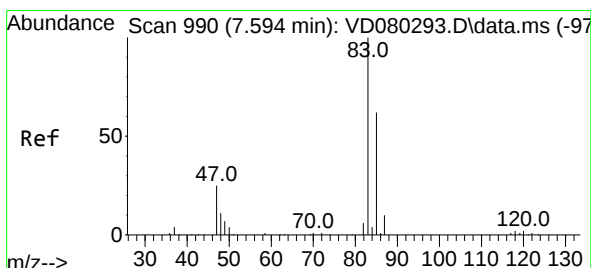
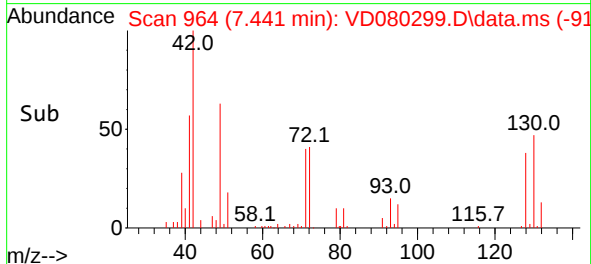
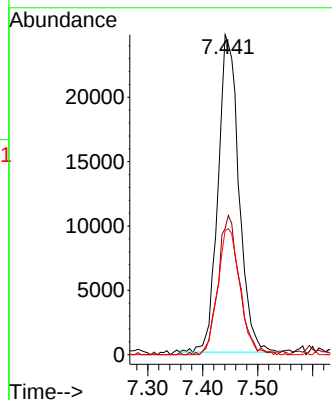
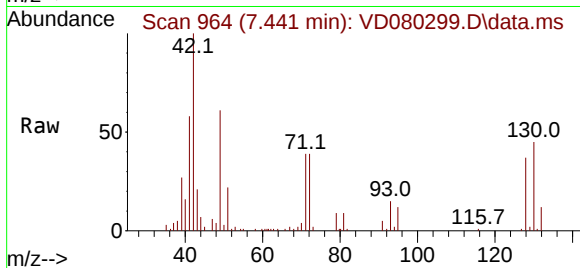
Tgt Ion: 42 Resp: 65133

Ion Ratio Lower Upper

42 100

72 44.5 36.7 55.1

71 42.8 34.4 51.6



#30

Chloroform

Concen: 46.116 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.005 min

Lab File: VD080299.D

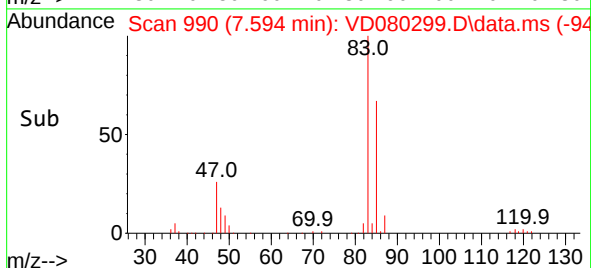
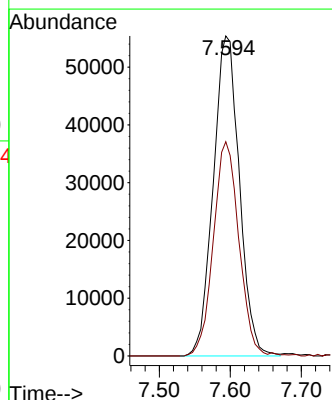
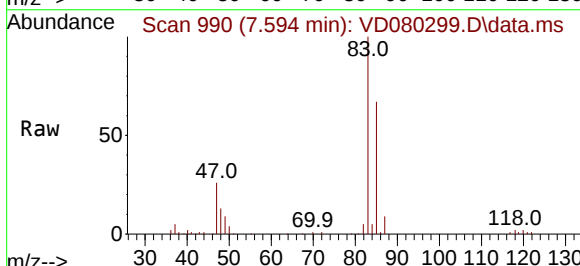
Acq: 13 May 2025 13:01

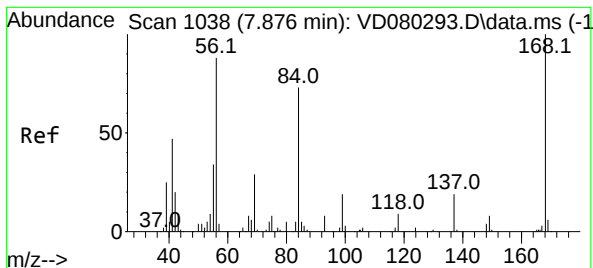
Tgt Ion: 83 Resp: 141323

Ion Ratio Lower Upper

83 100

85 66.9 50.8 76.2





#31

Cyclohexane

Concen: 43.295 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. -0.005 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

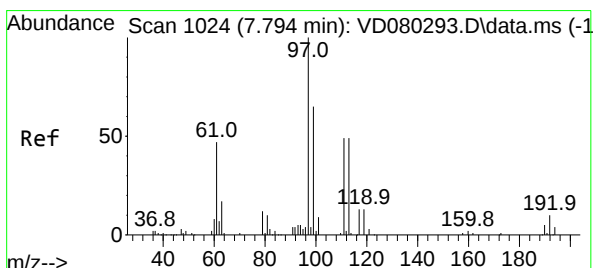
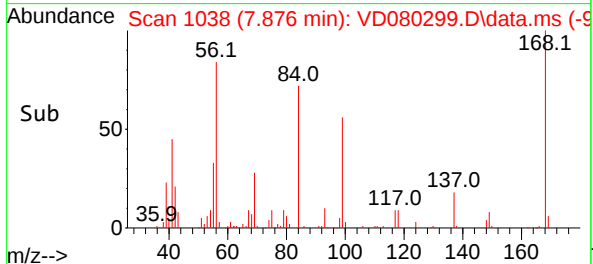
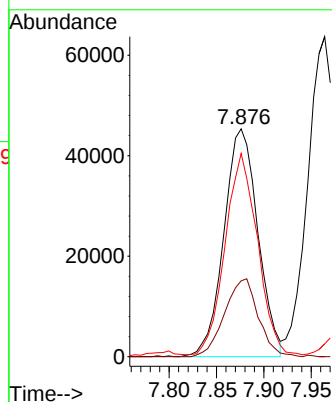
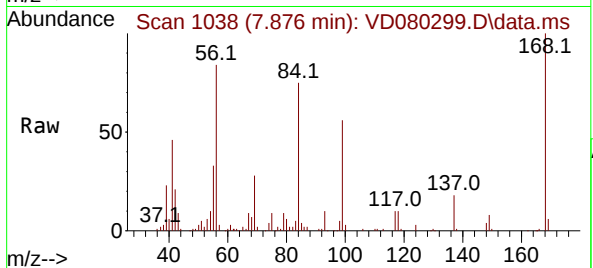
Tgt Ion: 56 Resp: 113235

Ion Ratio Lower Upper

56 100

69 33.3 27.3 40.9

84 88.1 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 47.595 ug/l

RT: 7.788 min Scan# 1023

Delta R.T. -0.005 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

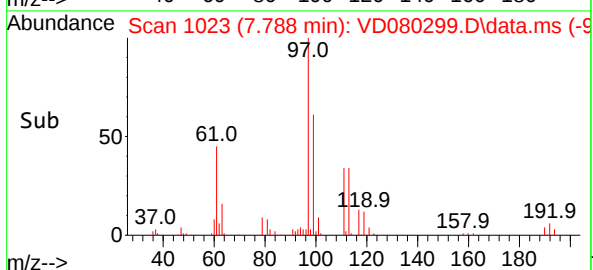
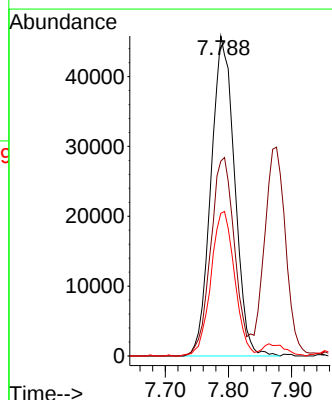
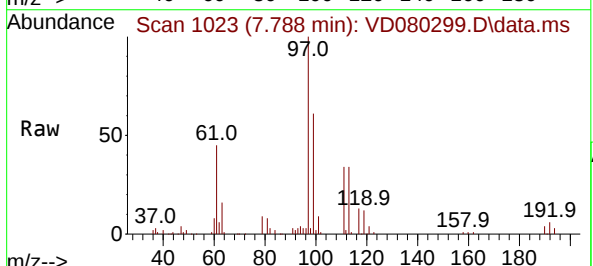
Tgt Ion: 97 Resp: 118998

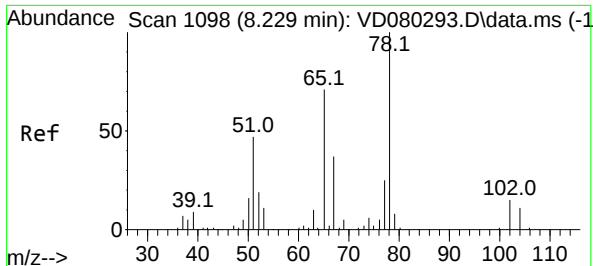
Ion Ratio Lower Upper

97 100

99 64.0 50.7 76.1

61 45.3 34.2 51.2

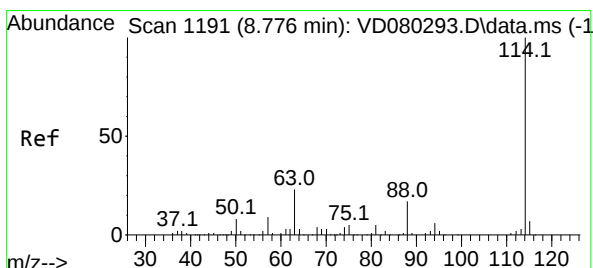
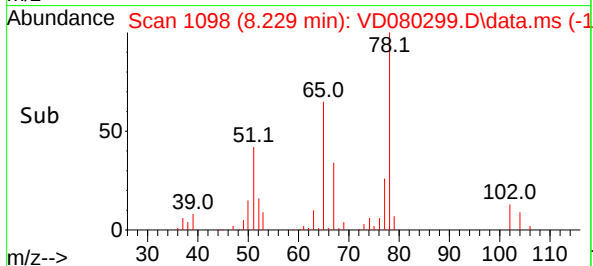
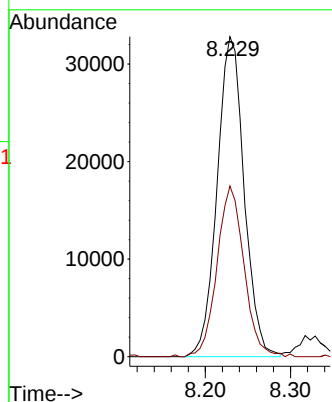
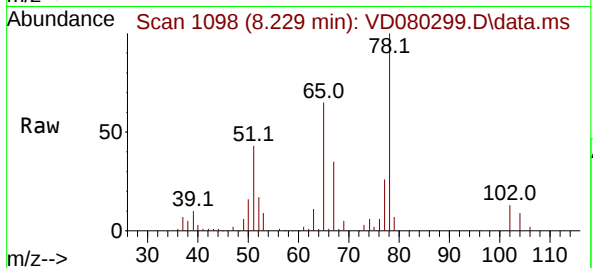




#33
1,2-Dichloroethane-d4
Concen: 44.967 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

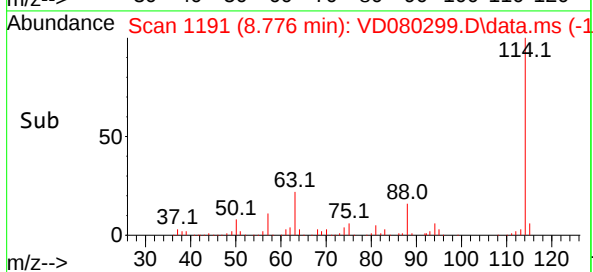
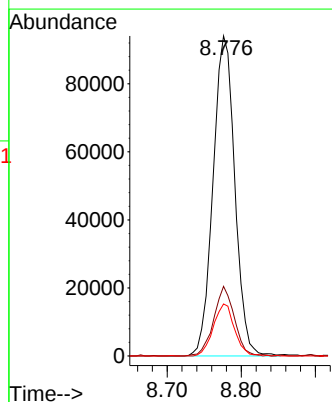
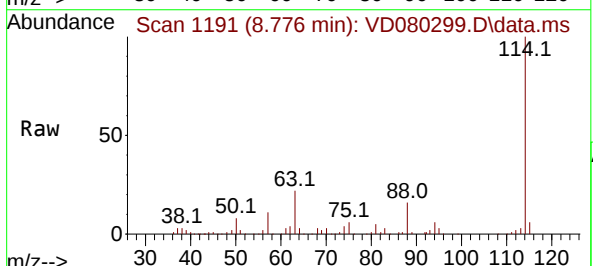
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

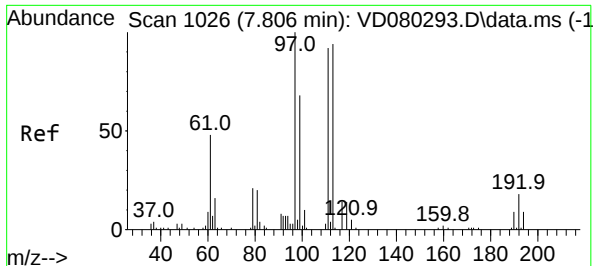
Tgt Ion: 65 Resp: 72391
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.776 min Scan# 1191
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion:114 Resp: 192036
Ion Ratio Lower Upper
114 100
63 21.8 0.0 38.8
88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.295 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

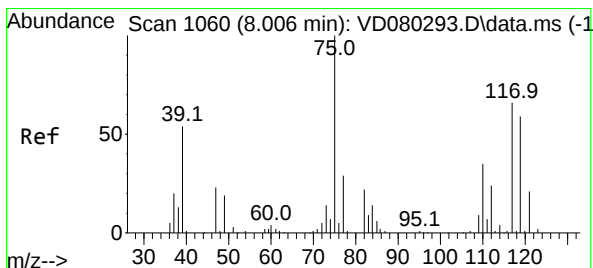
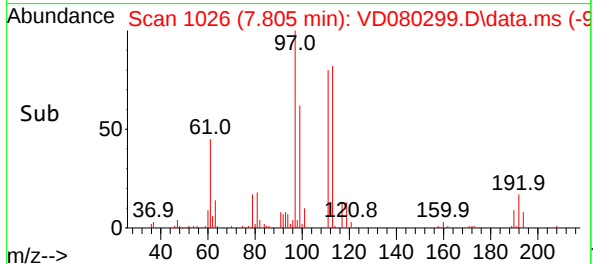
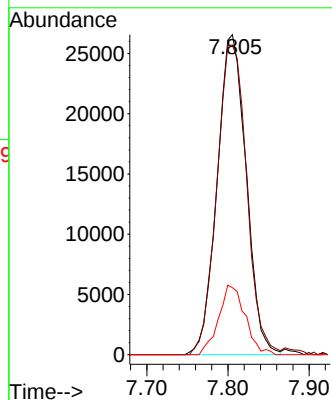
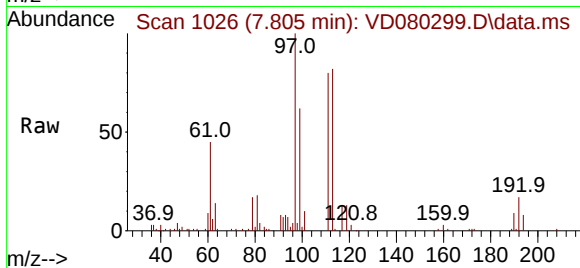
Tgt Ion:113 Resp: 66022

Ion Ratio Lower Upper

113 100

111 99.5 82.5 123.7

192 19.8 16.6 25.0



#36

1,1-Dichloropropene

Concen: 50.636 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

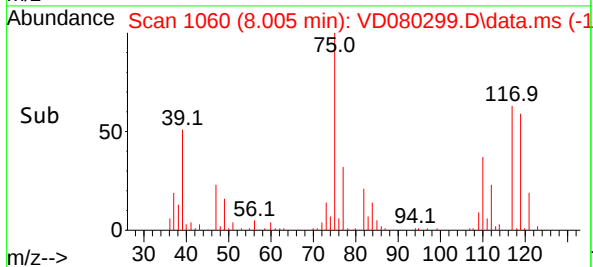
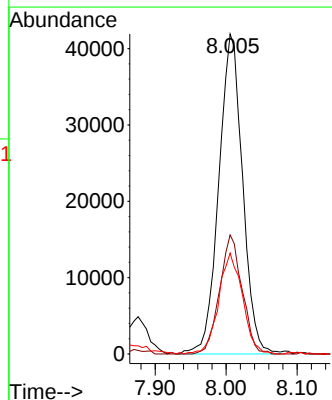
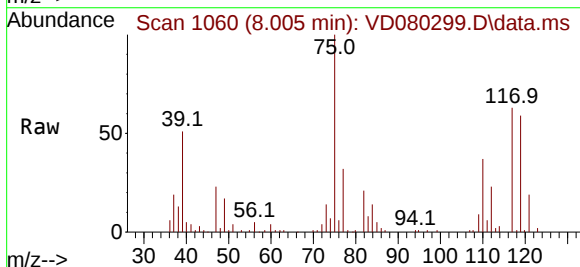
Tgt Ion: 75 Resp: 97403

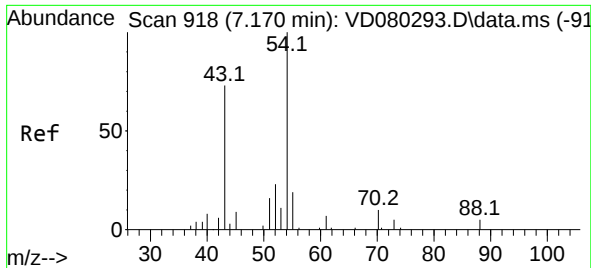
Ion Ratio Lower Upper

75 100

110 35.2 18.4 55.0

77 31.6 25.6 38.4





#37

Ethyl Acetate

Concen: 46.070 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.001 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

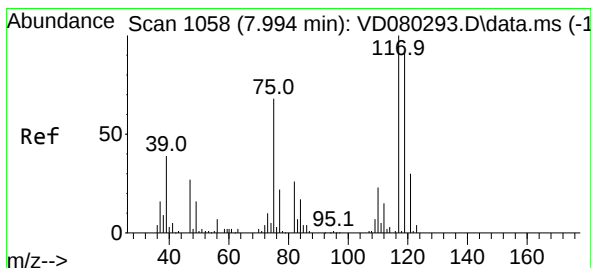
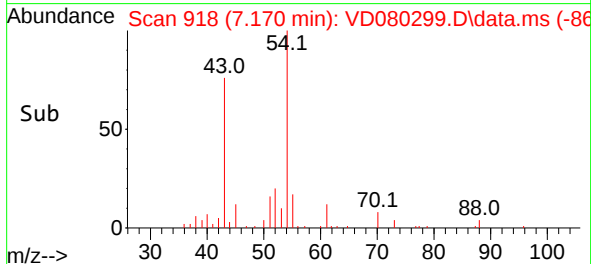
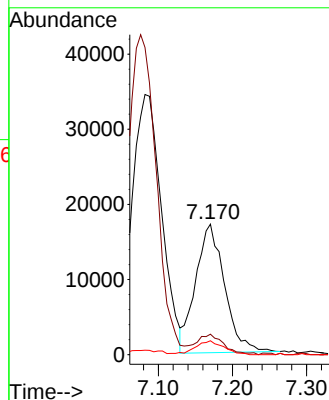
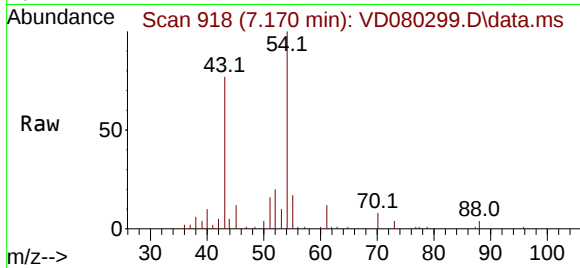
Tgt Ion: 43 Resp: 46341

Ion Ratio Lower Upper

43 100

61 14.6 11.0 16.4

70 10.6 9.4 14.2



#38

Carbon Tetrachloride

Concen: 51.319 ug/l

RT: 7.988 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

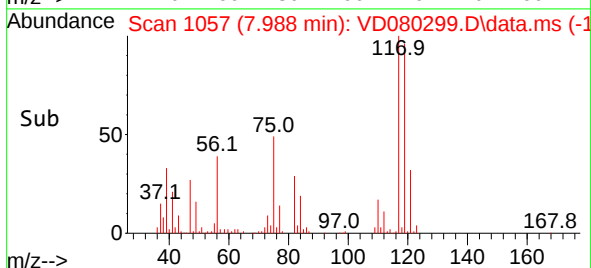
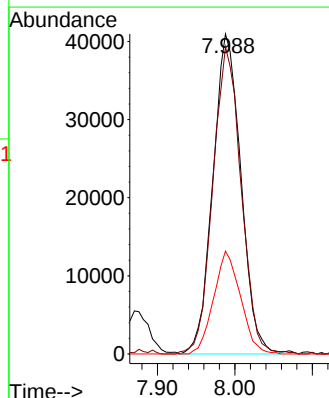
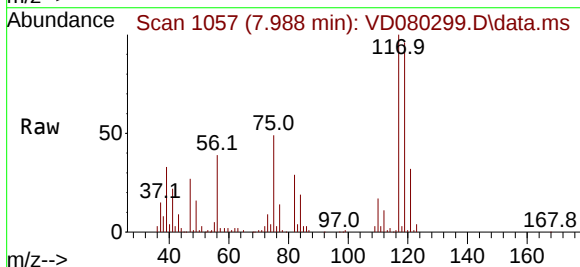
Tgt Ion: 117 Resp: 102952

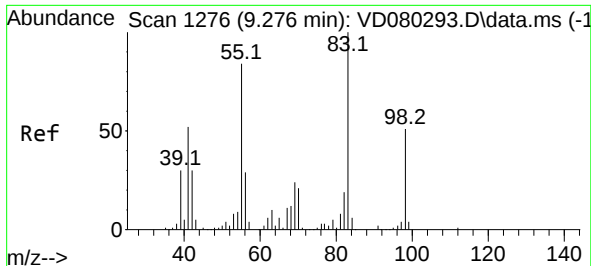
Ion Ratio Lower Upper

117 100

119 95.3 73.4 110.0

121 32.1 24.5 36.7





#39

Methylcyclohexane

Concen: 51.620 ug/l

RT: 9.270 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

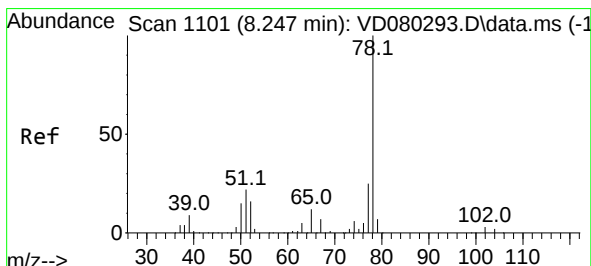
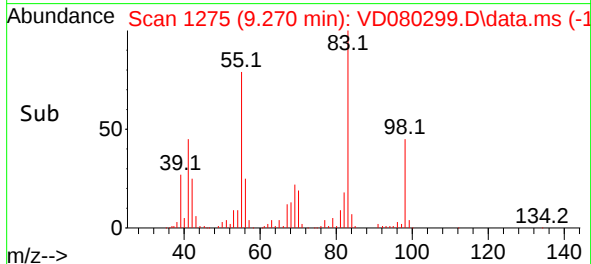
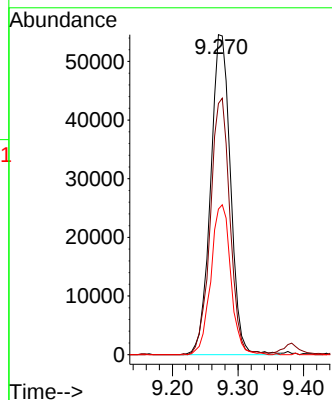
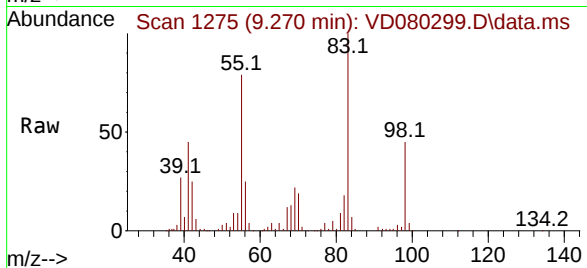
Tgt Ion: 83 Resp: 115222

Ion Ratio Lower Upper

83 100

55 78.5 62.0 93.0

98 45.5 38.7 58.1



#40

Benzene

Concen: 49.064 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.005 min

Lab File: VD080299.D

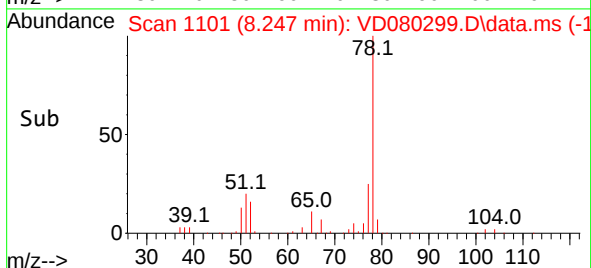
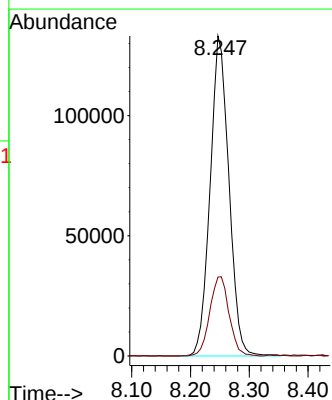
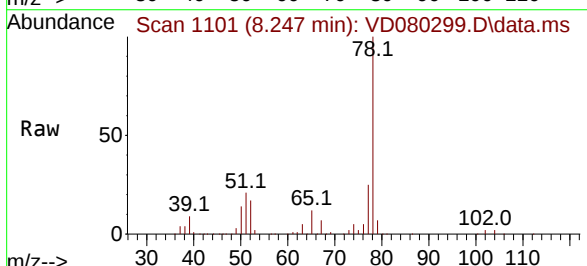
Acq: 13 May 2025 13:01

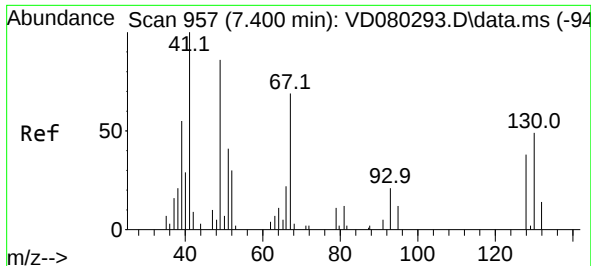
Tgt Ion: 78 Resp: 295721

Ion Ratio Lower Upper

78 100

77 24.7 20.2 30.4



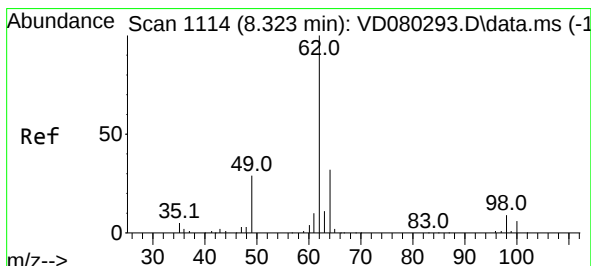
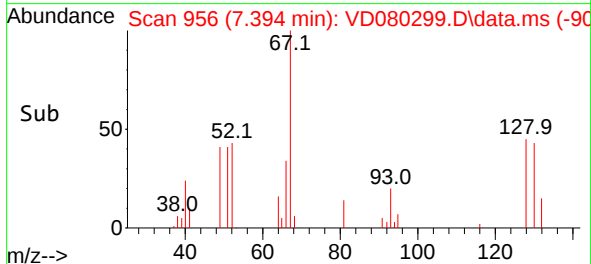
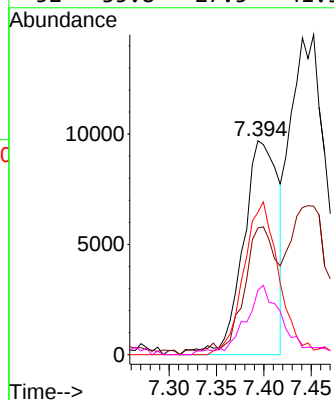
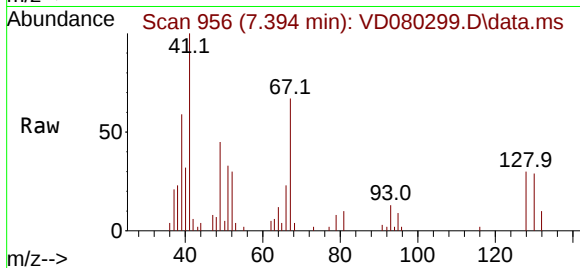


#41
Methacrylonitrile
Concen: 44.662 ug/l
RT: 7.394 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 24861

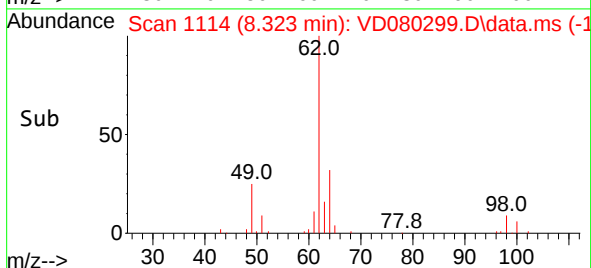
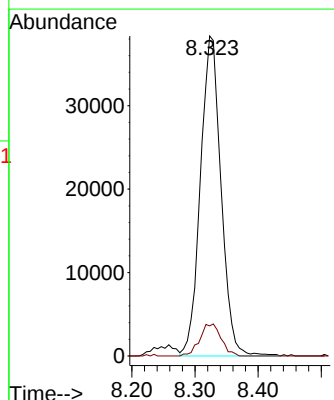
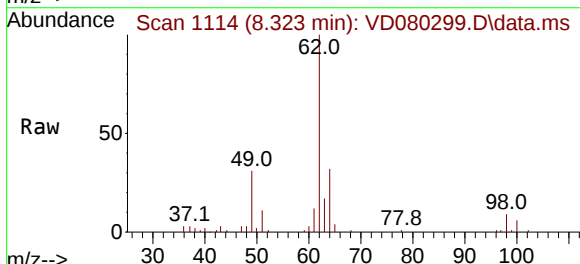
Ion	Ratio	Lower	Upper
41	100		
39	53.4	47.8	71.8
67	71.8	64.9	97.3
52	35.8	27.5	41.3

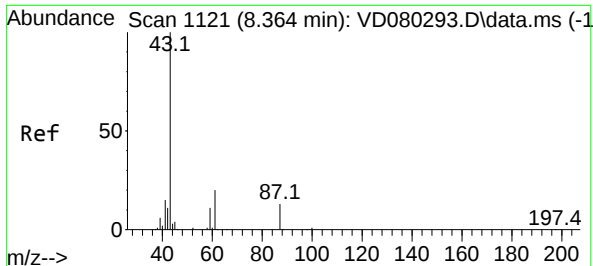


#42
1,2-Dichloroethane
Concen: 49.910 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 62 Resp: 87169

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.8





#43

Isopropyl Acetate

Concen: 48.711 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. 0.000 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

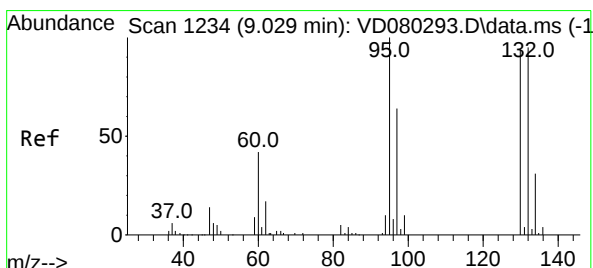
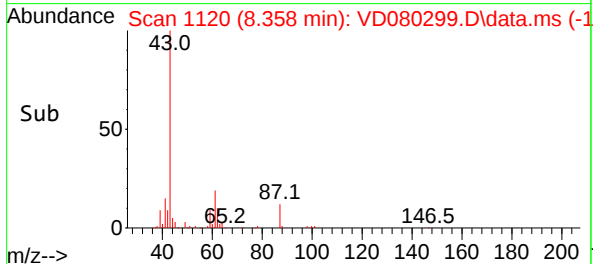
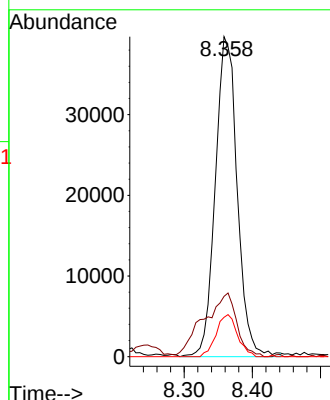
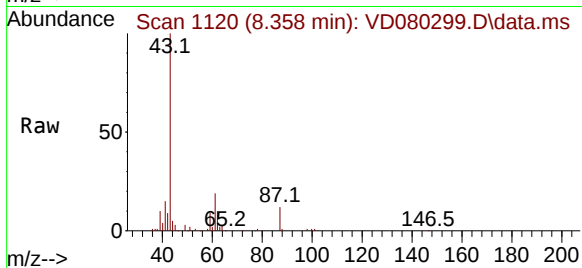
Tgt Ion: 43 Resp: 88848

Ion Ratio Lower Upper

43 100

61 29.9 26.2 39.2

87 12.7 11.8 17.8



#44

Trichloroethene

Concen: 51.482 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.001 min

Lab File: VD080299.D

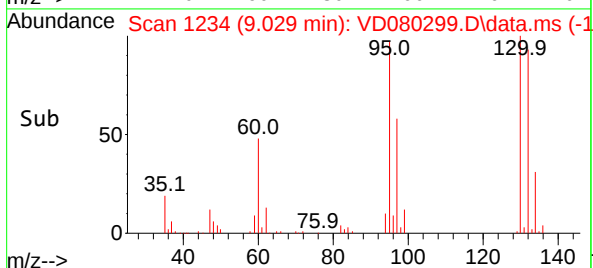
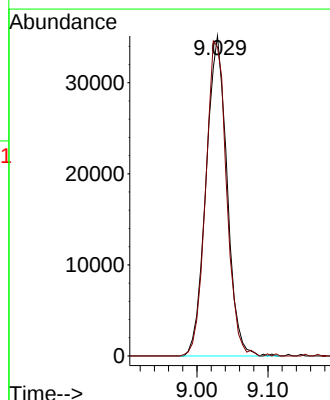
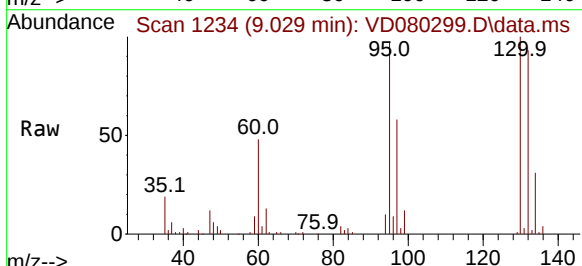
Acq: 13 May 2025 13:01

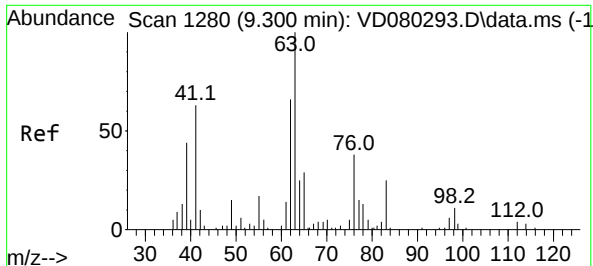
Tgt Ion:130 Resp: 72029

Ion Ratio Lower Upper

130 100

95 96.6 0.0 194.6





#45

1,2-Dichloropropane

Concen: 51.468 ug/l

RT: 9.305 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

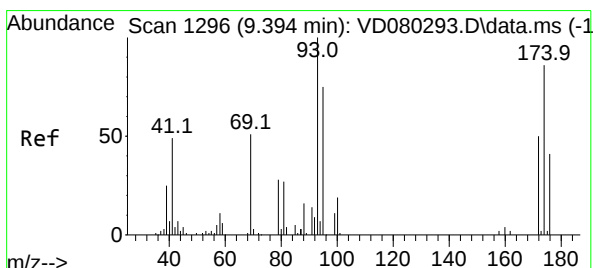
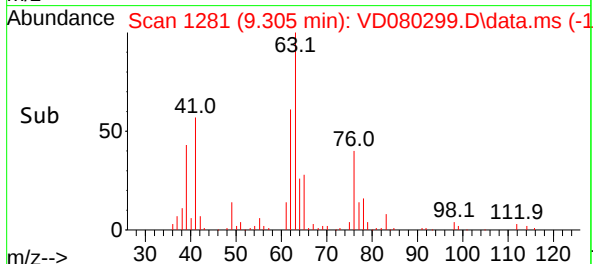
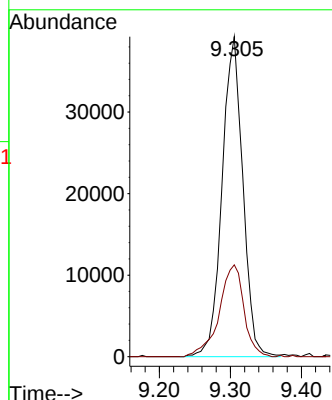
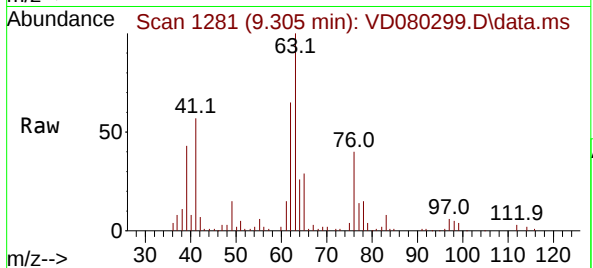
VSTDCCC050

Tgt Ion: 63 Resp: 79559

Ion Ratio Lower Upper

63 100

65 28.7 26.2 39.4



#46

Dibromomethane

Concen: 51.950 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.001 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

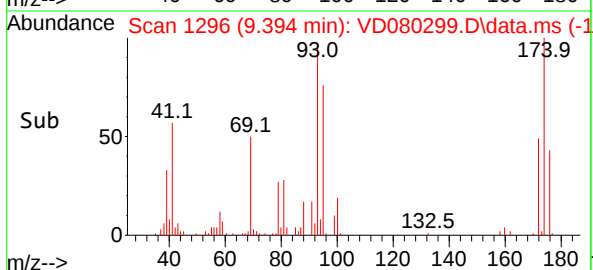
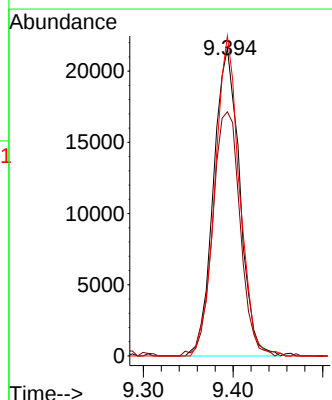
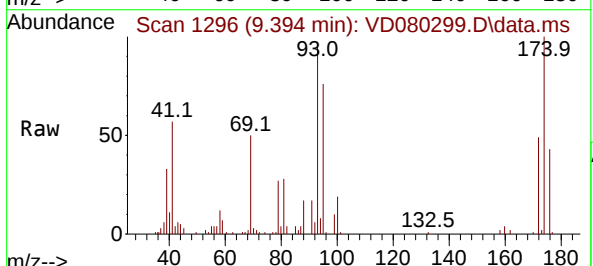
Tgt Ion: 93 Resp: 43722

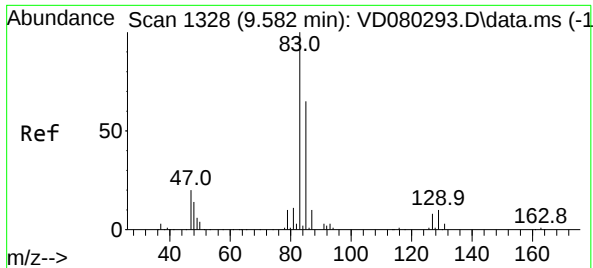
Ion Ratio Lower Upper

93 100

95 83.1 67.9 101.9

174 97.2 80.5 120.7

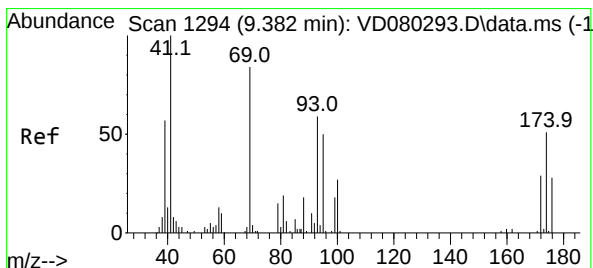
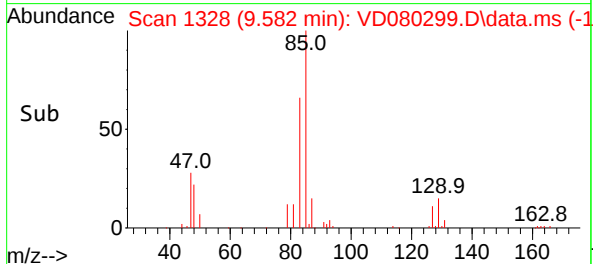
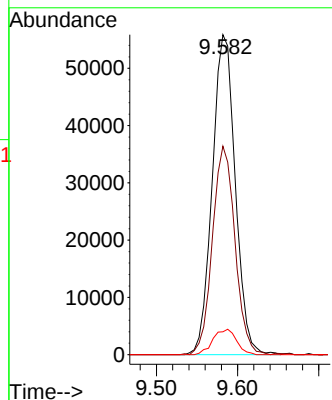
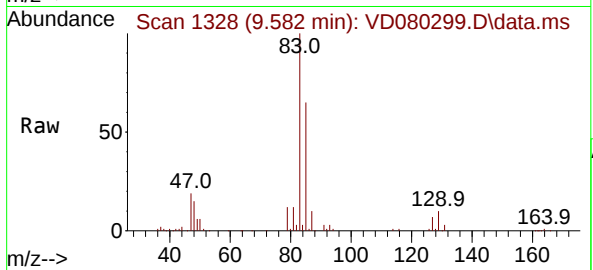




#47
Bromodichloromethane
Concen: 51.517 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

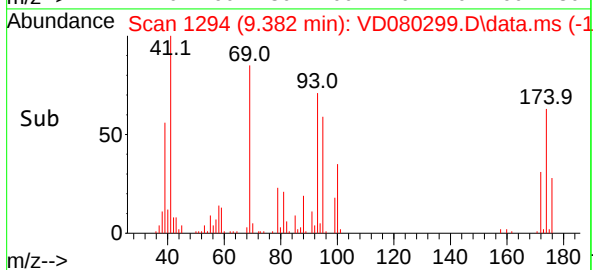
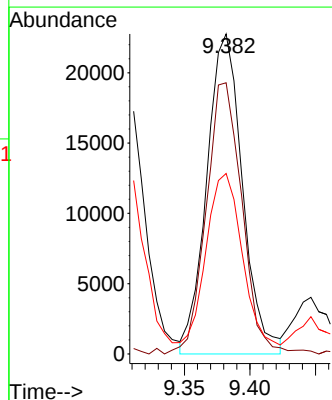
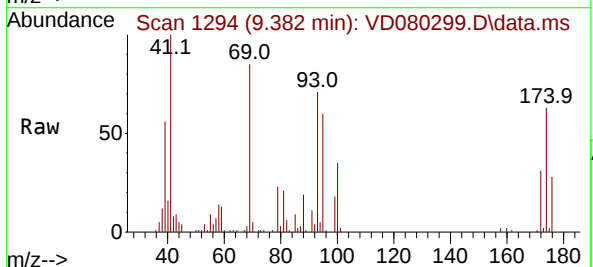
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

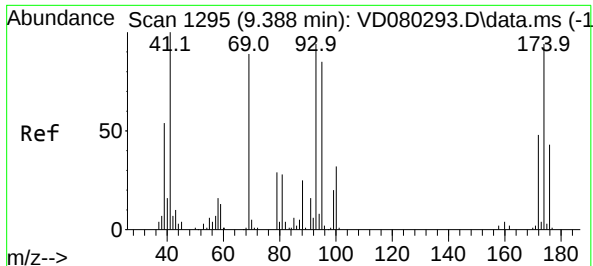
Tgt Ion: 83 Resp: 110049
Ion Ratio Lower Upper
83 100
85 65.1 50.6 75.8
127 7.2 6.1 9.1



#48
Methyl methacrylate
Concen: 49.844 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 41 Resp: 43198
Ion Ratio Lower Upper
41 100
69 84.8 74.0 111.0
39 53.4 41.9 62.9





#49

1,4-Dioxane

Concen: 1039.070 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.001 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

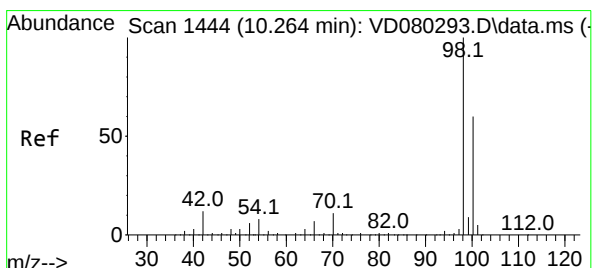
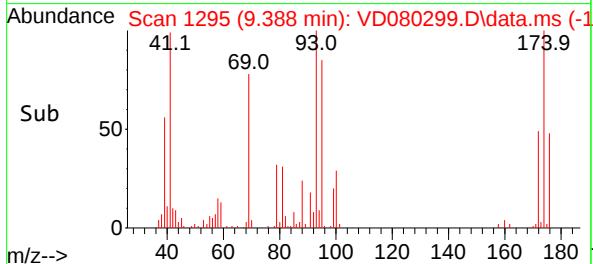
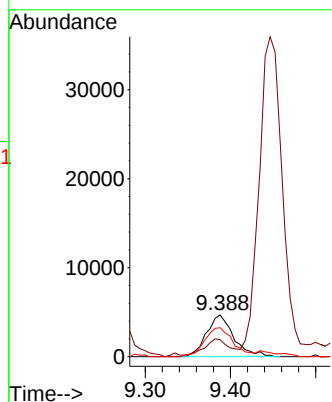
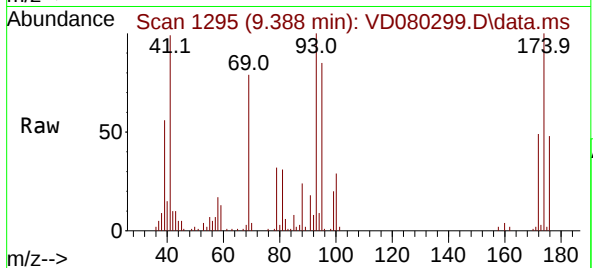
Tgt Ion: 88 Resp: 10397

Ion Ratio Lower Upper

88 100

43 34.5 29.1 43.7

58 73.1 59.9 89.9



#50

Toluene-d8

Concen: 52.068 ug/l

RT: 10.264 min Scan# 1444

Delta R.T. -0.005 min

Lab File: VD080299.D

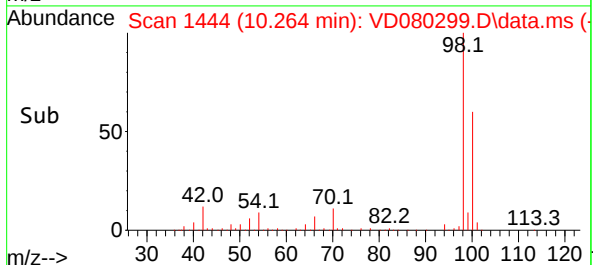
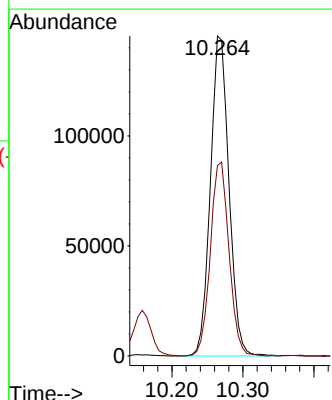
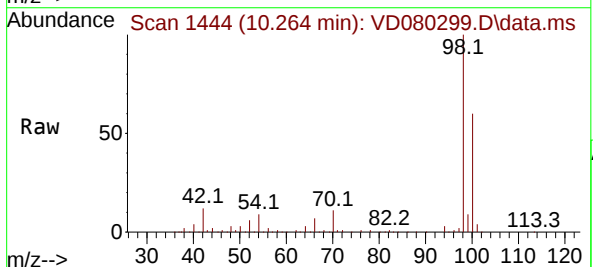
Acq: 13 May 2025 13:01

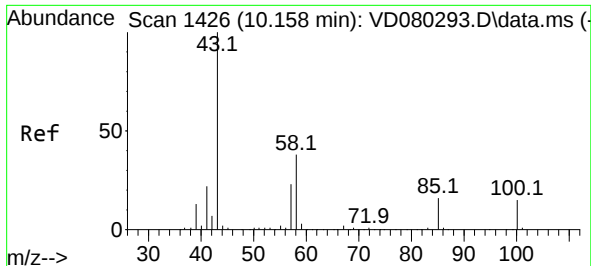
Tgt Ion: 98 Resp: 264054

Ion Ratio Lower Upper

98 100

100 61.1 50.2 75.4

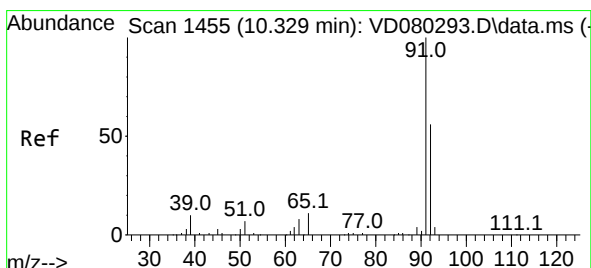
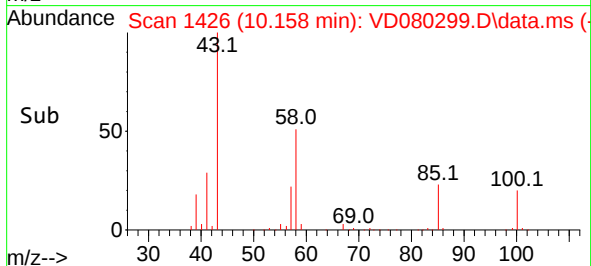
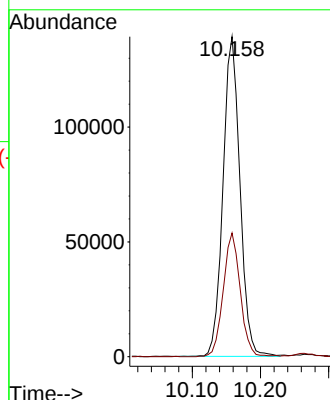
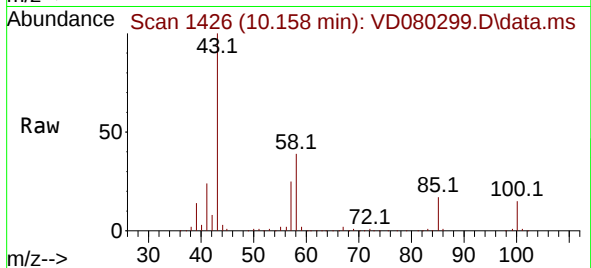




#51
4-Methyl-2-Pentanone
Concen: 256.551 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

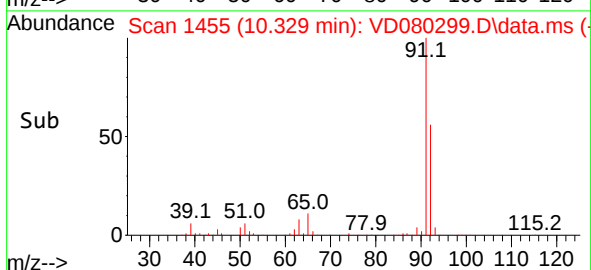
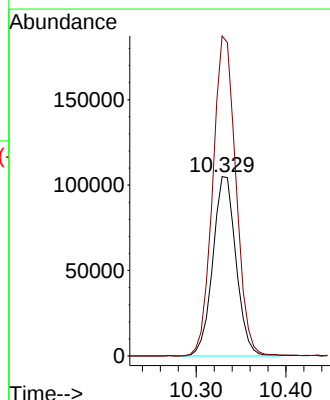
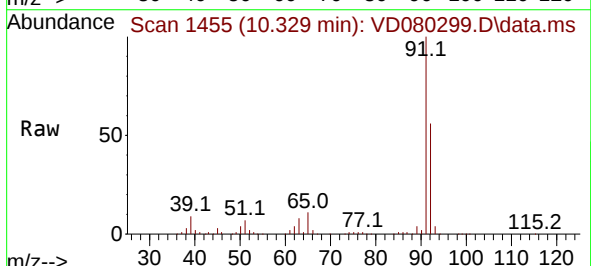
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

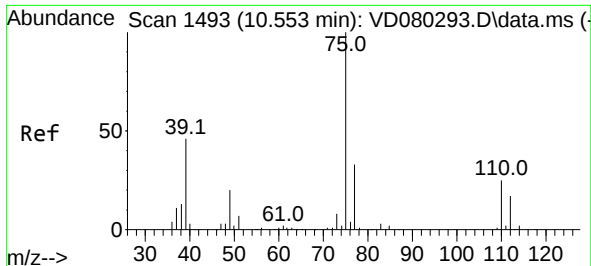
Tgt Ion: 43 Resp: 241110
Ion Ratio Lower Upper
43 100
58 38.9 32.8 49.2



#52
Toluene
Concen: 51.915 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 92 Resp: 188511
Ion Ratio Lower Upper
92 100
91 178.9 139.3 208.9

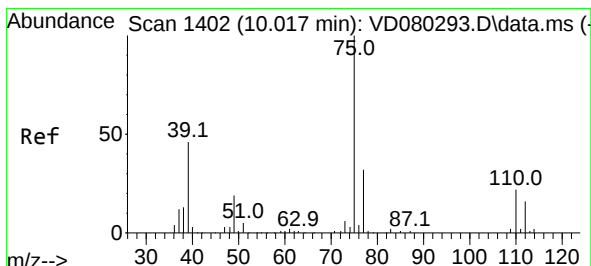
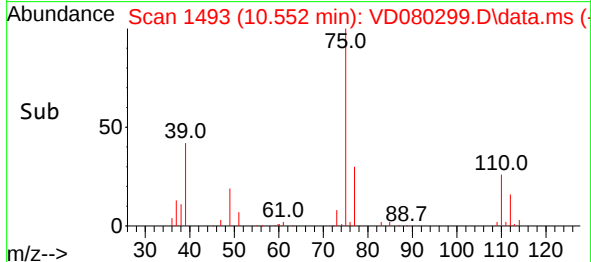
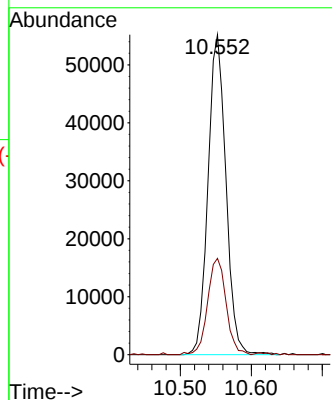
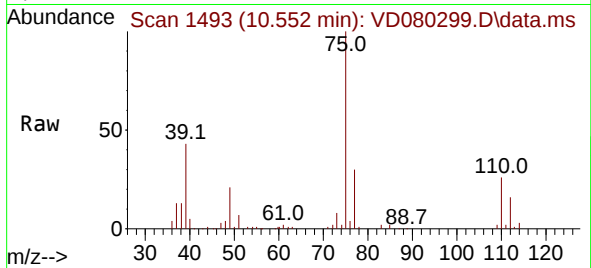




#53
t-1,3-Dichloropropene
Concen: 49.599 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

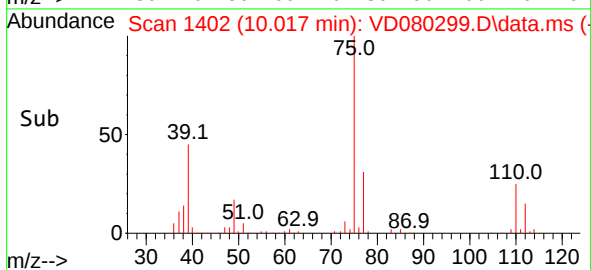
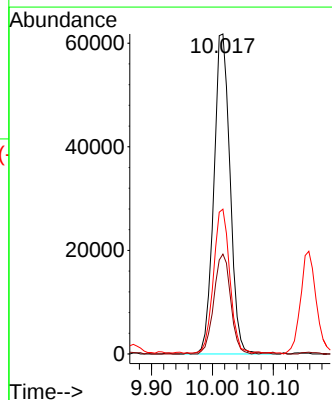
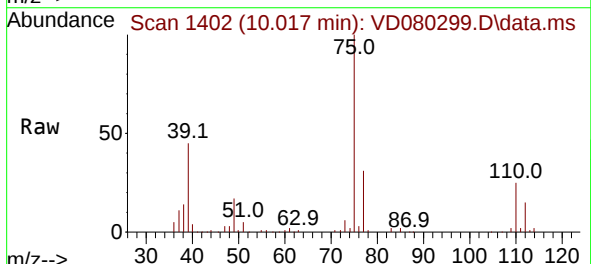
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

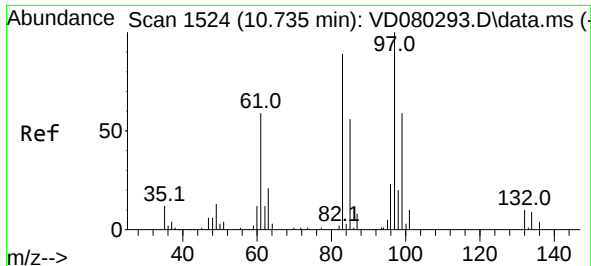
Tgt Ion: 75 Resp: 96590
Ion Ratio Lower Upper
75 100
77 30.1 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 50.569 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 75 Resp: 114117
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4
39 44.9 33.2 49.8

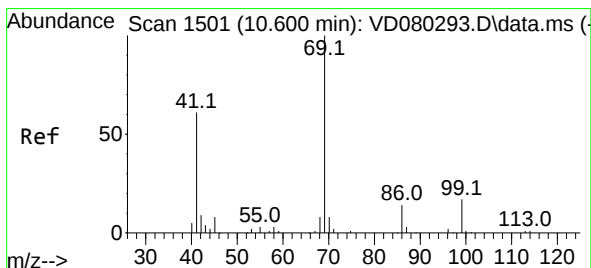
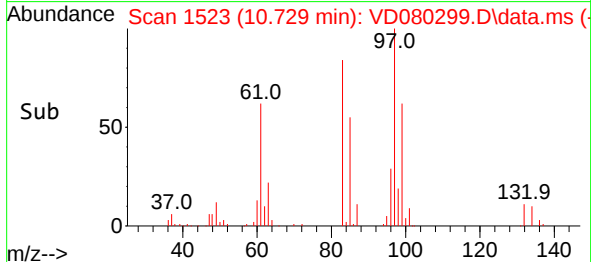
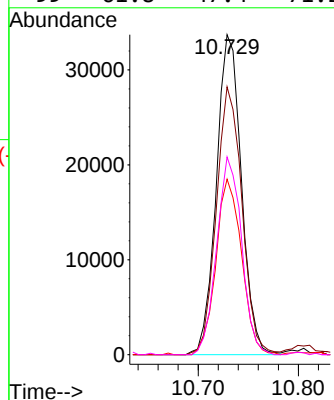
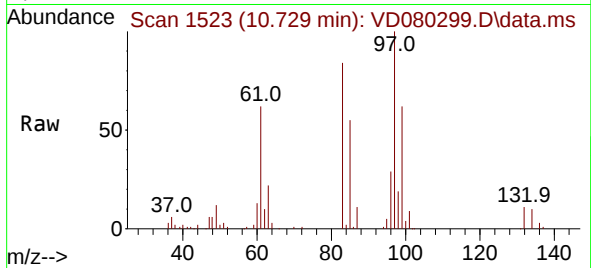




#55
1,1,2-Trichloroethane
Concen: 52.556 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

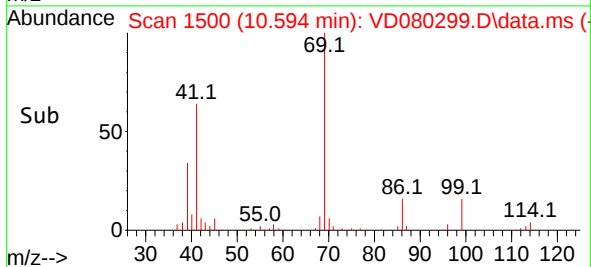
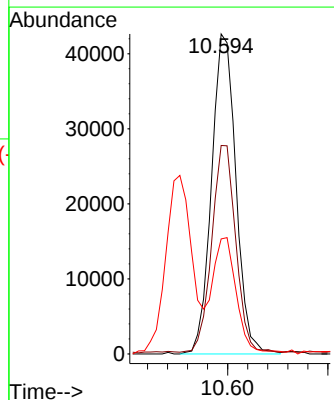
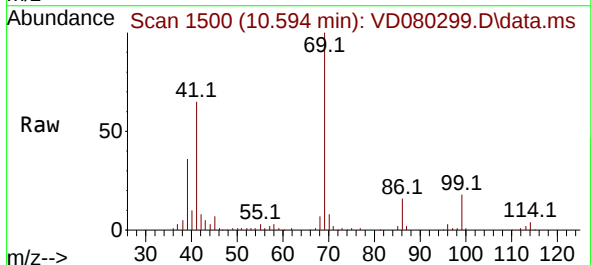
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

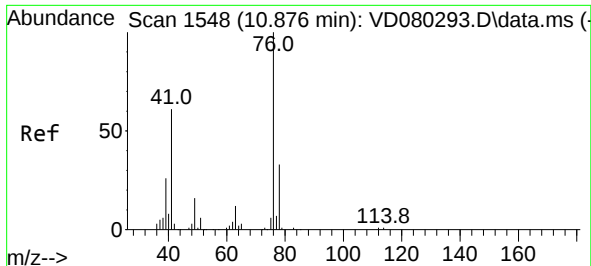
Tgt Ion:	97	Resp:	58508
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.2	103.8
85	54.8	43.0	64.6
99	61.8	47.4	71.2



#56
Ethyl methacrylate
Concen: 53.279 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion:	69	Resp:	71873
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.4	75.6
39	35.1	26.0	39.0





#57

1,3-Dichloropropane

Concen: 51.450 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.005 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

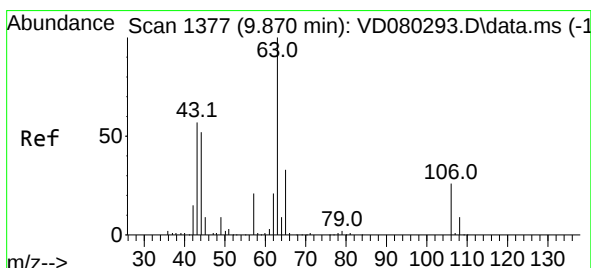
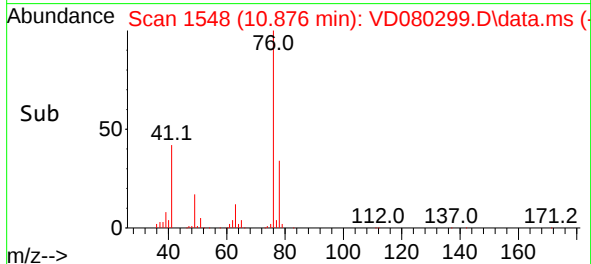
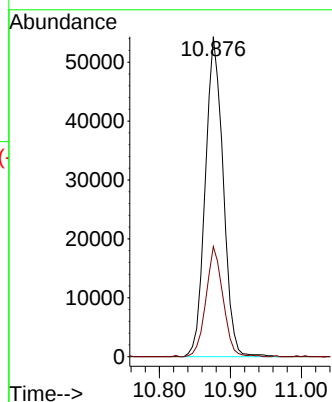
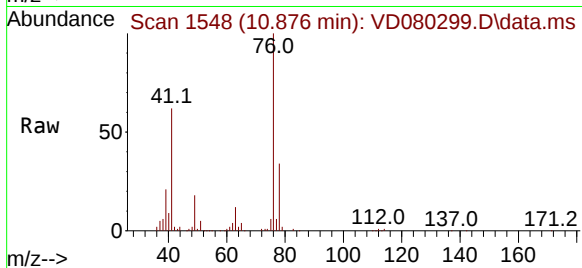
VSTDCCC050

Tgt Ion: 76 Resp: 95193

Ion Ratio Lower Upper

76 100

78 32.9 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 273.453 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080299.D

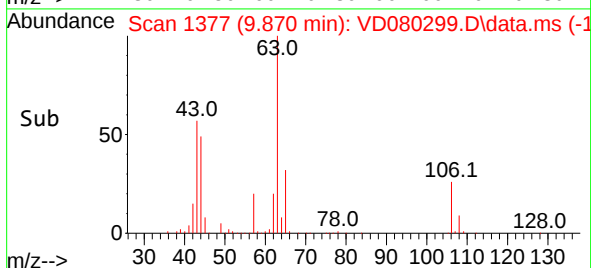
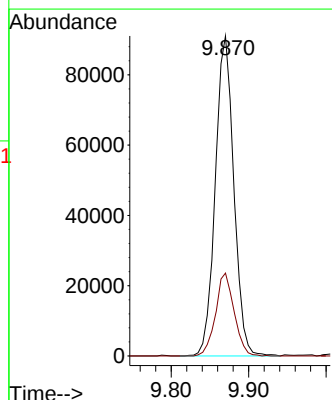
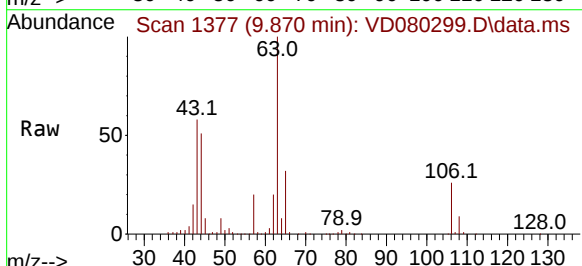
Acq: 13 May 2025 13:01

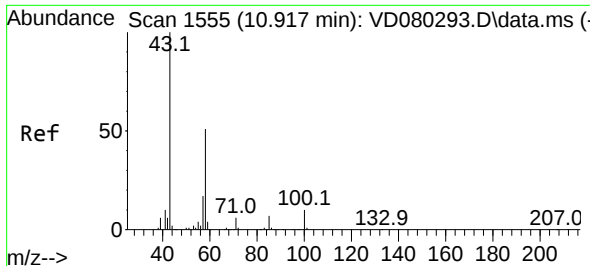
Tgt Ion: 63 Resp: 150963

Ion Ratio Lower Upper

63 100

106 26.0 21.8 32.6

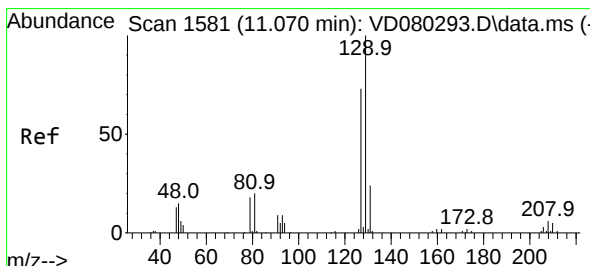
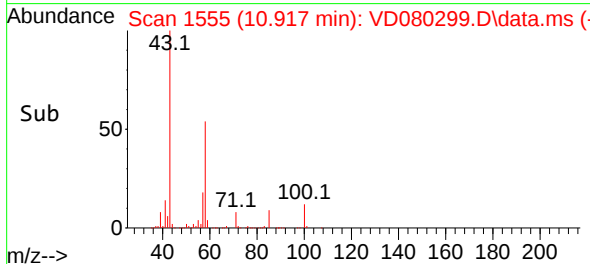
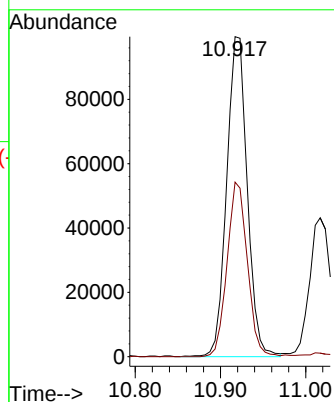
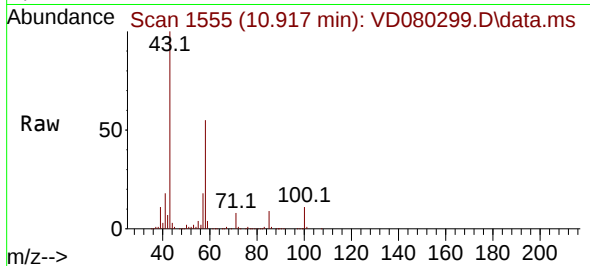




#59
2-Hexanone
Concen: 258.022 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

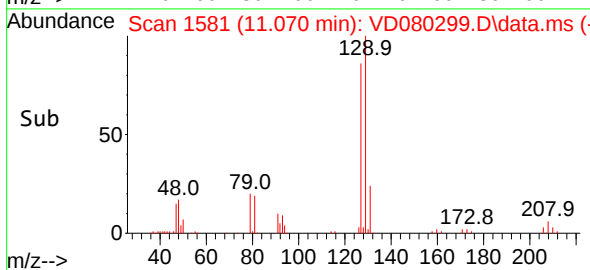
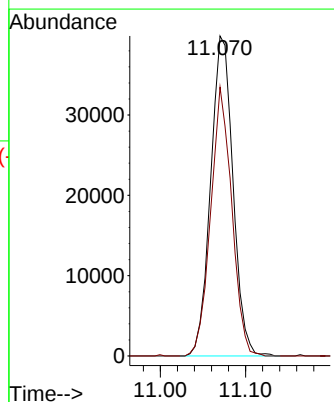
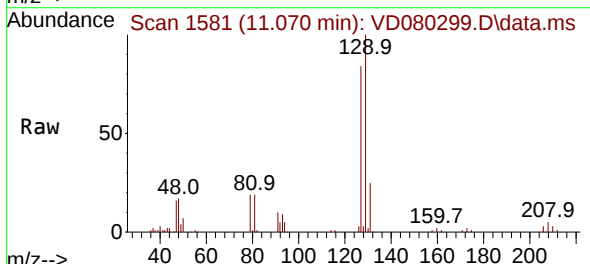
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

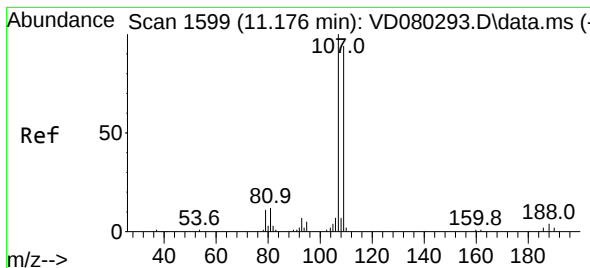
Tgt Ion: 43 Resp: 166811
Ion Ratio Lower Upper
43 100
58 53.7 27.8 83.4



#60
Dibromochloromethane
Concen: 51.955 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 129 Resp: 72484
Ion Ratio Lower Upper
129 100
127 79.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.072 ug/l

RT: 11.176 min Scan# 1599

Delta R.T. -0.005 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

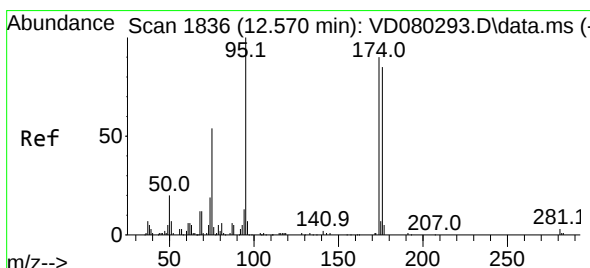
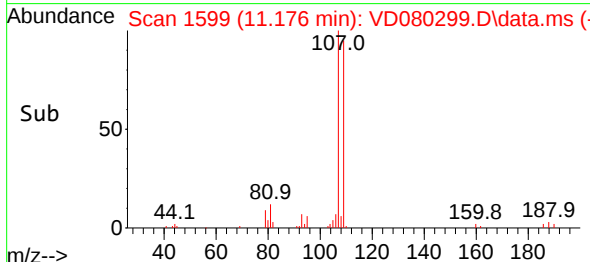
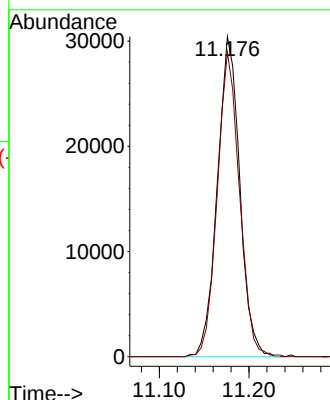
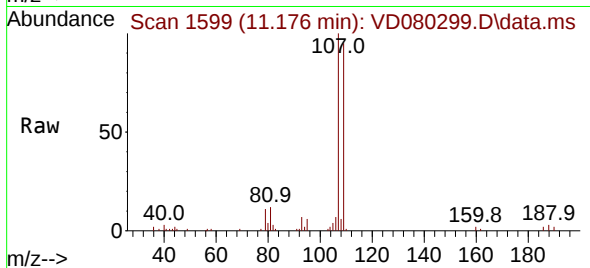
VSTDCCC050

Tgt Ion:107 Resp: 52721

Ion Ratio Lower Upper

107 100

109 94.3 73.9 110.9



#62

4-Bromofluorobenzene

Concen: 52.144 ug/l

RT: 12.570 min Scan# 1836

Delta R.T. 0.001 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

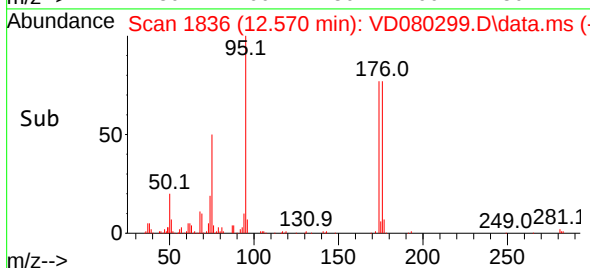
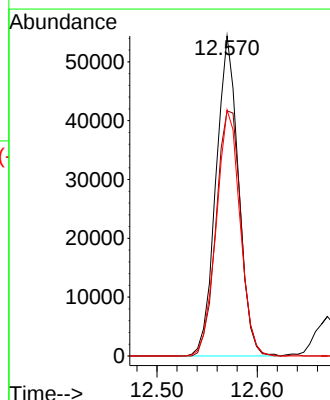
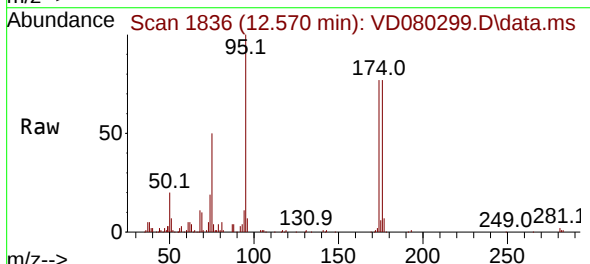
Tgt Ion: 95 Resp: 84877

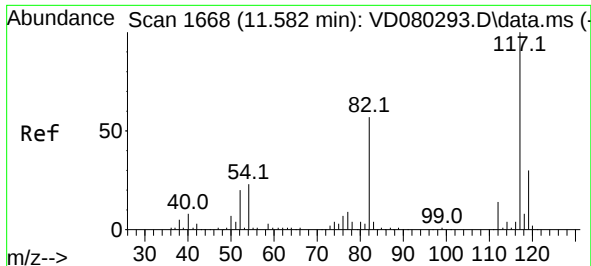
Ion Ratio Lower Upper

95 100

174 84.1 0.0 173.4

176 81.0 0.0 166.6

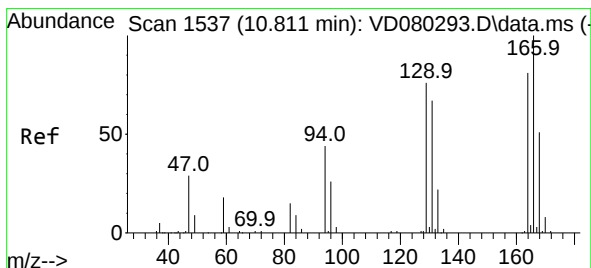
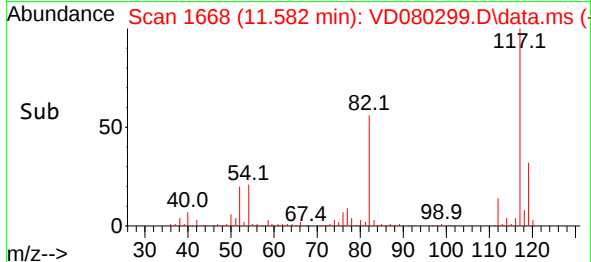
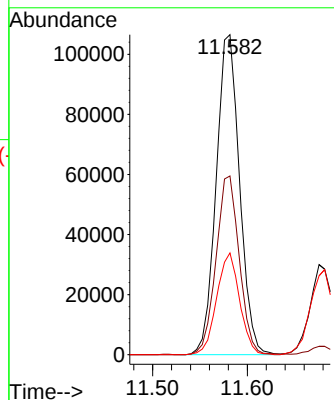
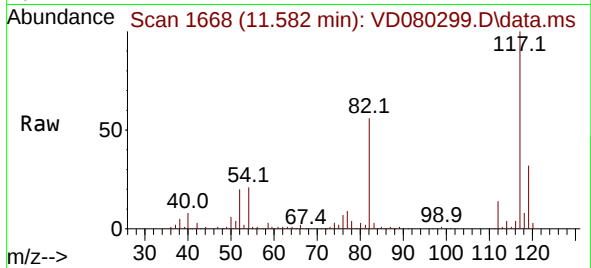




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

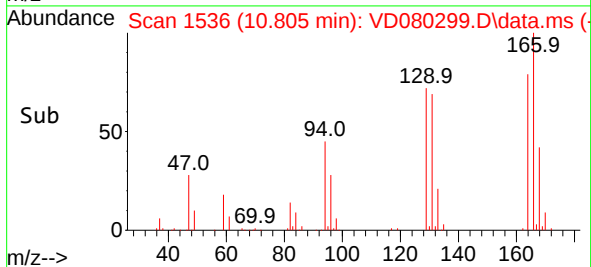
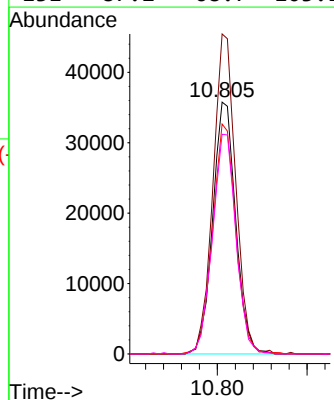
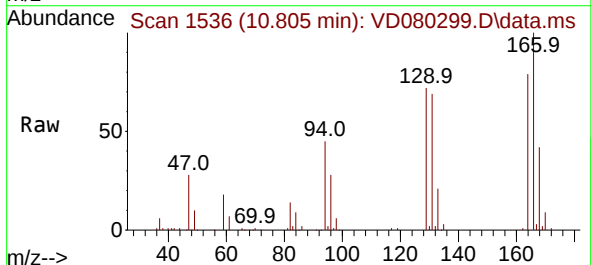
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

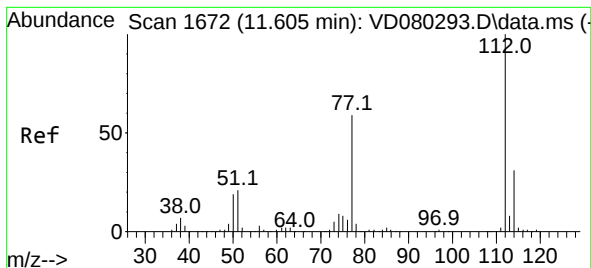
Tgt Ion:117 Resp: 183252
Ion Ratio Lower Upper
117 100
82 55.8 45.8 68.6
119 31.8 26.2 39.2



#64
Tetrachloroethene
Concen: 51.250 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion:164 Resp: 63598
Ion Ratio Lower Upper
164 100
166 127.1 97.5 146.3
129 91.3 70.6 106.0
131 87.2 68.7 103.1

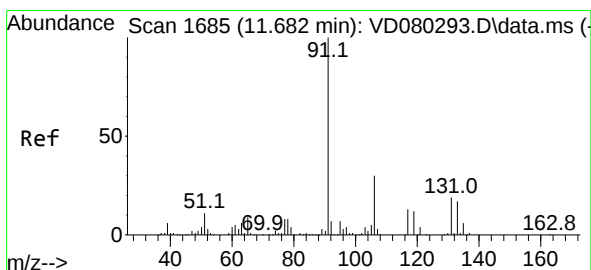
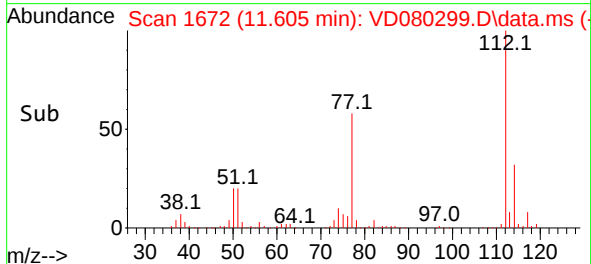
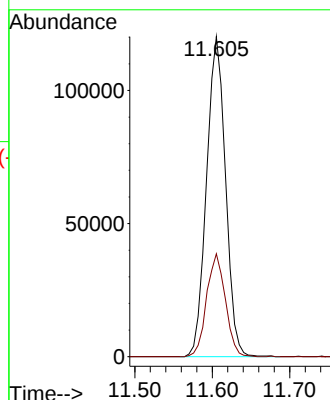
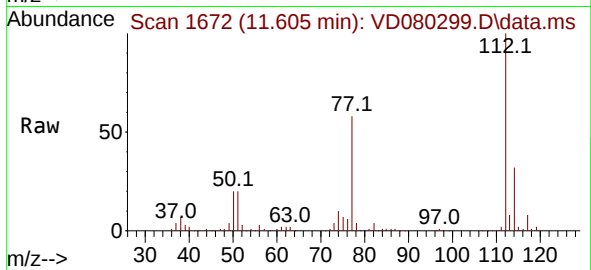




#65
Chlorobenzene
Concen: 49.427 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

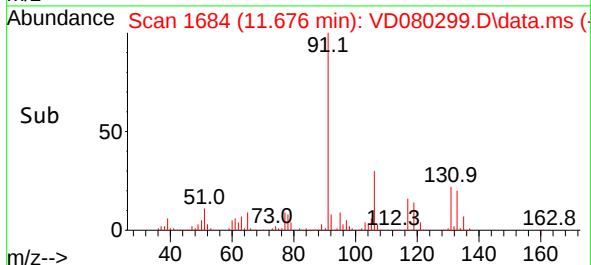
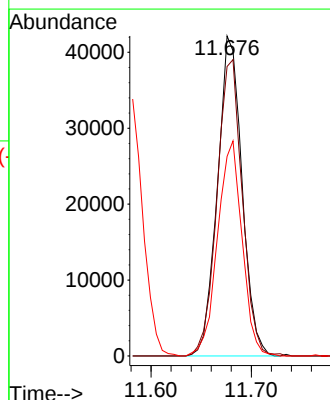
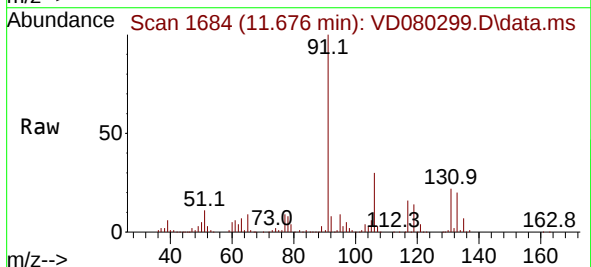
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

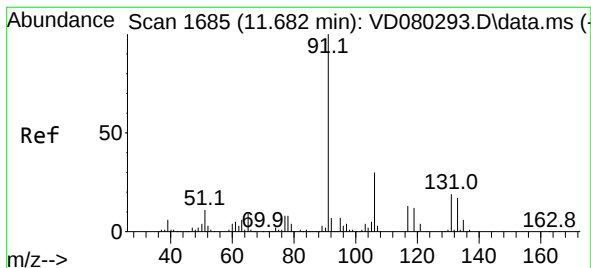
Tgt Ion:112 Resp: 204518
Ion Ratio Lower Upper
112 100
114 32.1 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.371 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion:131 Resp: 71607
Ion Ratio Lower Upper
131 100
133 95.2 48.8 146.4
119 67.2 34.8 104.3





#67

Ethyl Benzene

Concen: 52.197 ug/l

RT: 11.682 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

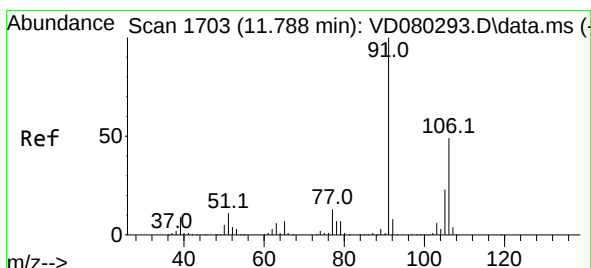
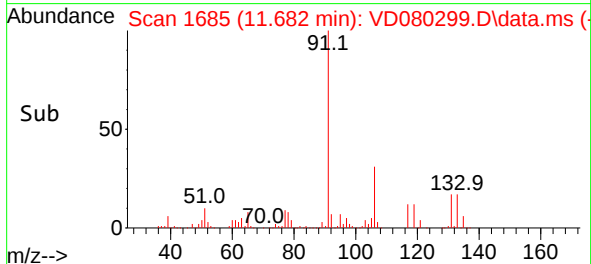
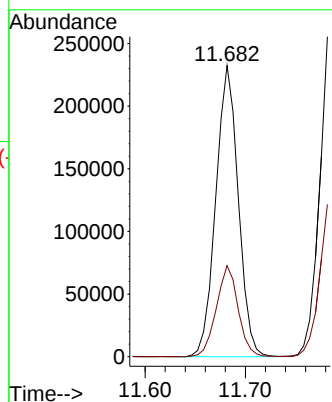
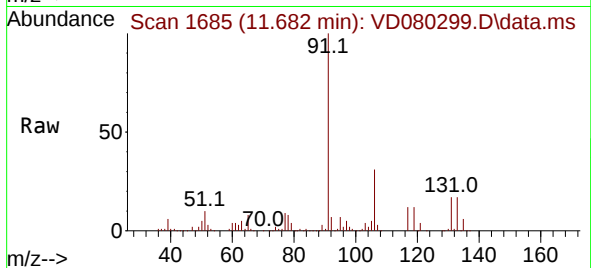
VSTDCCC050

Tgt Ion: 91 Resp: 360928

Ion Ratio Lower Upper

91 100

106 31.3 23.6 35.4



#68

m/p-Xylenes

Concen: 107.251 ug/l

RT: 11.788 min Scan# 1703

Delta R.T. -0.005 min

Lab File: VD080299.D

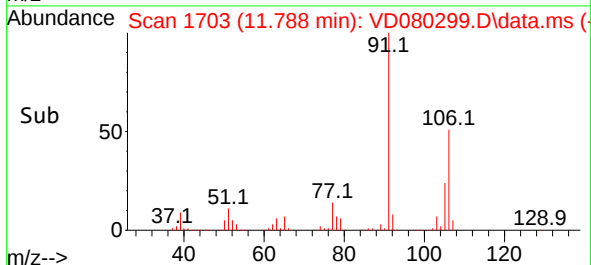
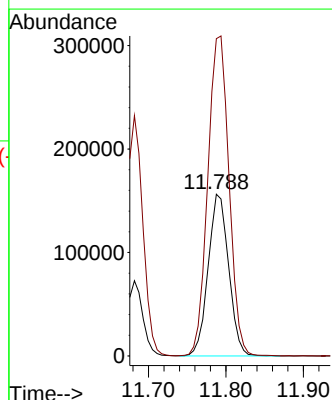
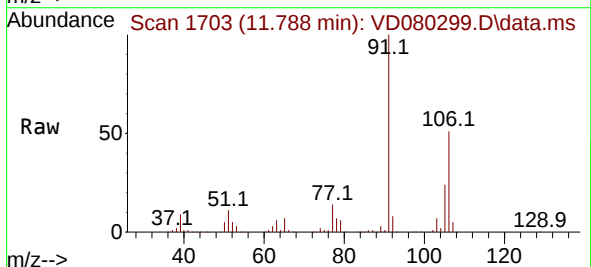
Acq: 13 May 2025 13:01

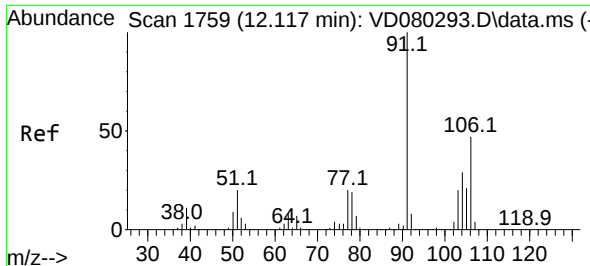
Tgt Ion:106 Resp: 287954

Ion Ratio Lower Upper

106 100

91 204.9 162.6 244.0

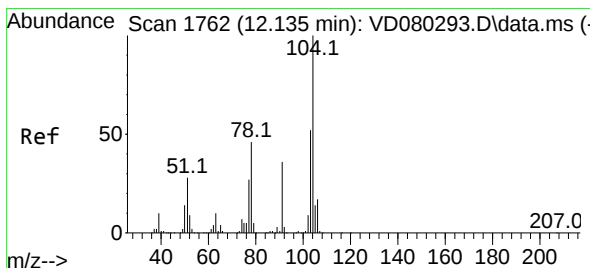
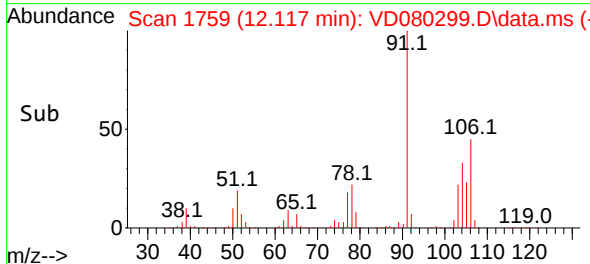
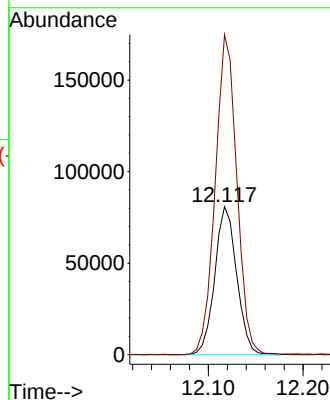
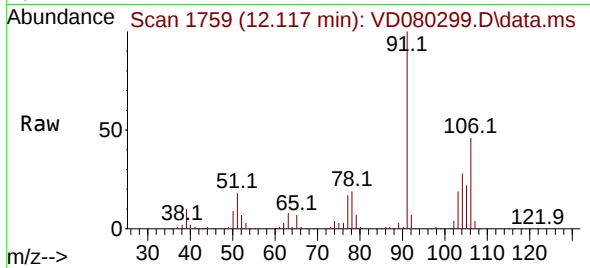




#69
o-Xylene
Concen: 52.816 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

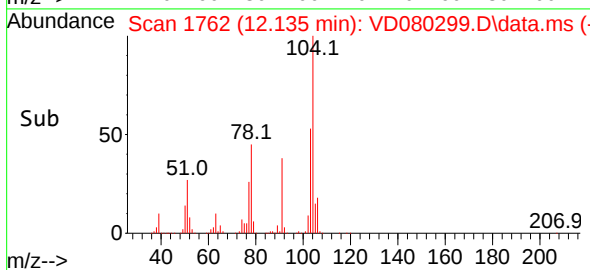
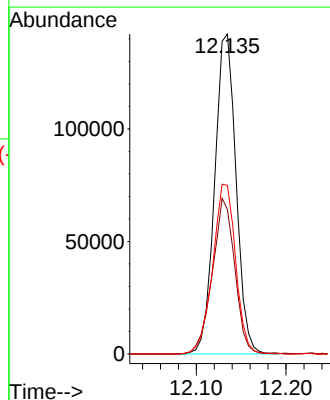
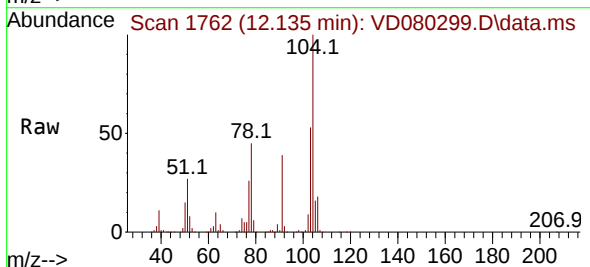
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

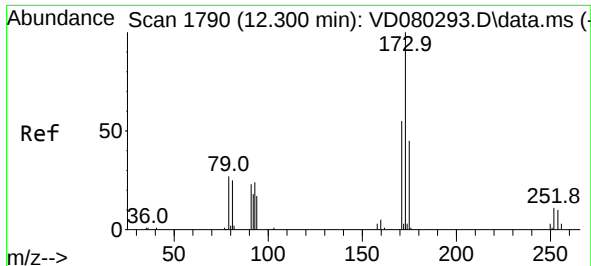
Tgt Ion:106 Resp: 129578
Ion Ratio Lower Upper
106 100
91 214.6 110.5 331.5



#70
Styrene
Concen: 53.416 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion:104 Resp: 235321
Ion Ratio Lower Upper
104 100
78 50.8 39.8 59.8
103 57.0 45.2 67.8

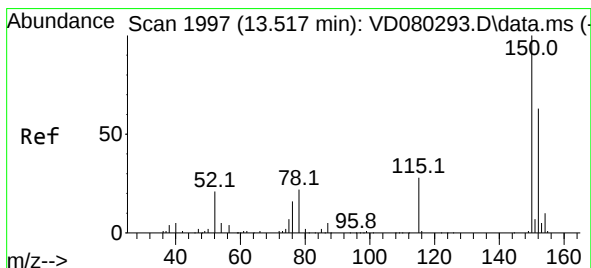
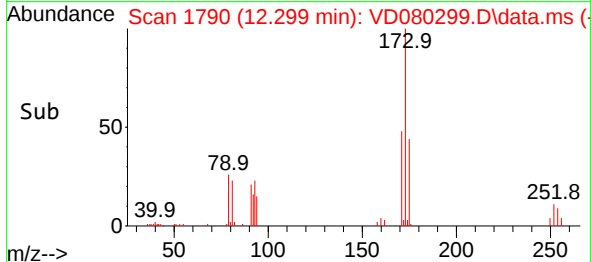
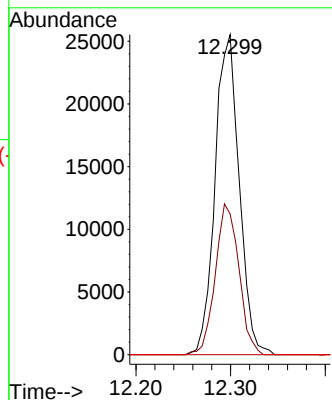
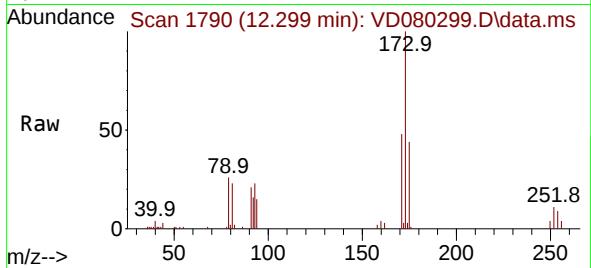




#71
Bromoform
Concen: 53.531 ug/l
RT: 12.299 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

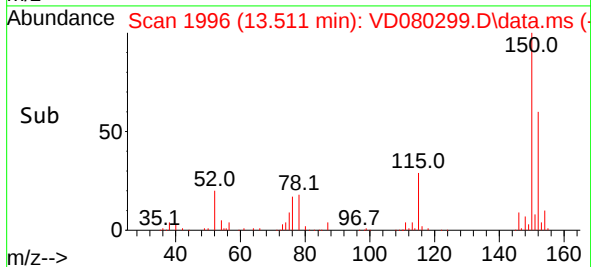
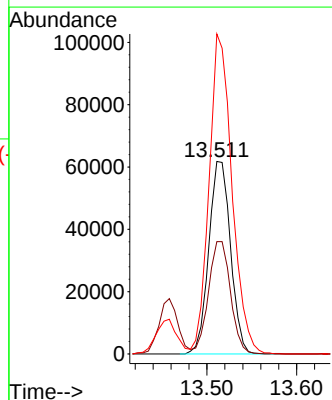
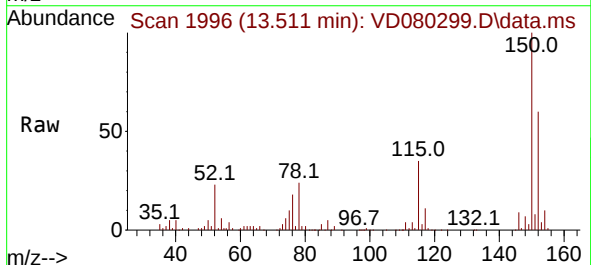
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

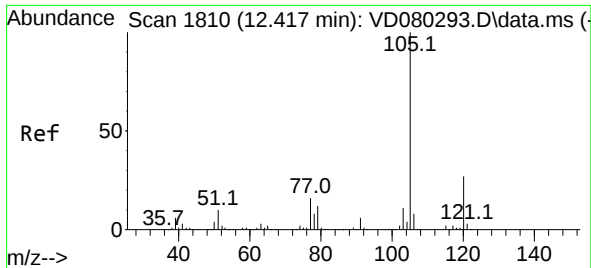
Tgt Ion:173 Resp: 45212
Ion Ratio Lower Upper
173 100
175 46.0 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.511 min Scan# 1996
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion:152 Resp: 104040
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 174.8 0.0 354.8

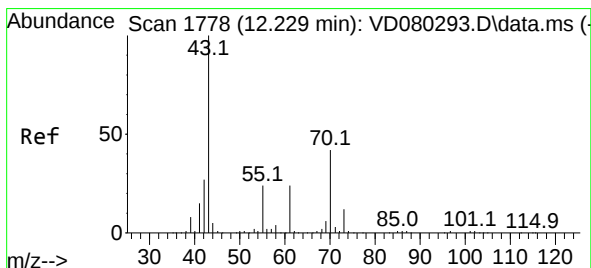
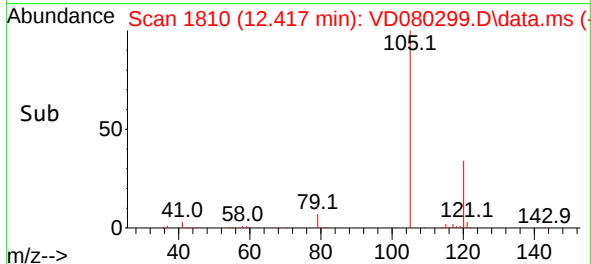
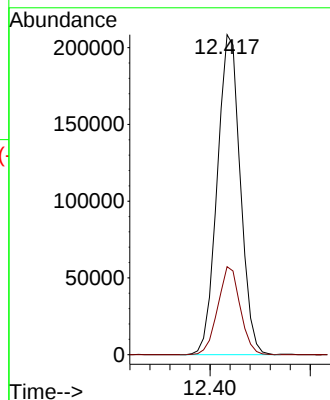
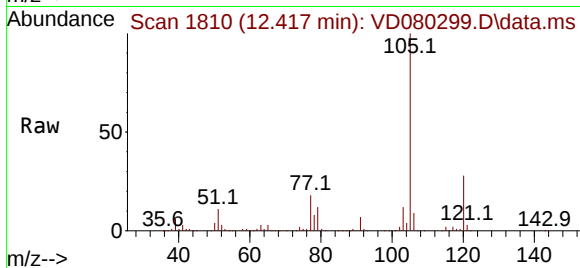




#73
Isopropylbenzene
Concen: 49.259 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

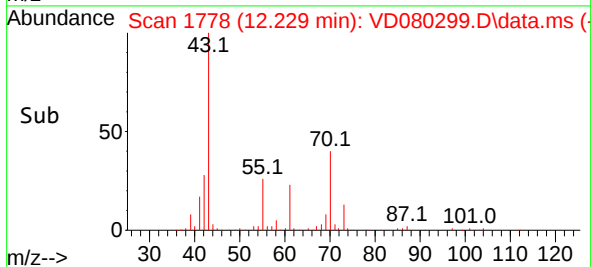
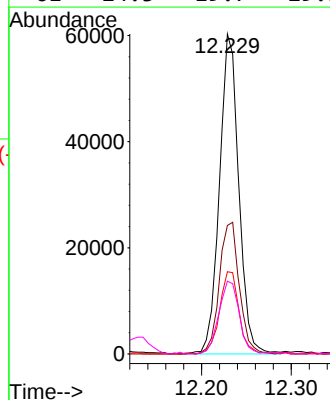
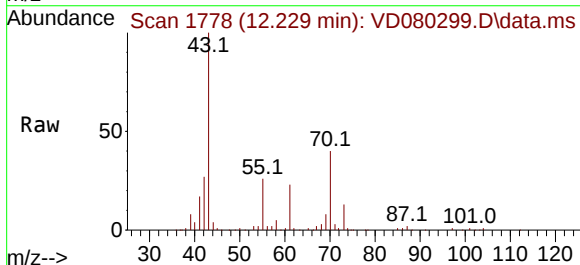
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

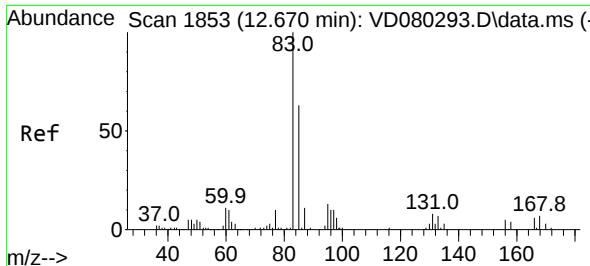
Tgt Ion:105 Resp: 332443
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 46.590 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 43 Resp: 90245
Ion Ratio Lower Upper
43 100
70 42.5 36.3 54.5
55 26.0 20.3 30.5
61 24.3 19.7 29.5

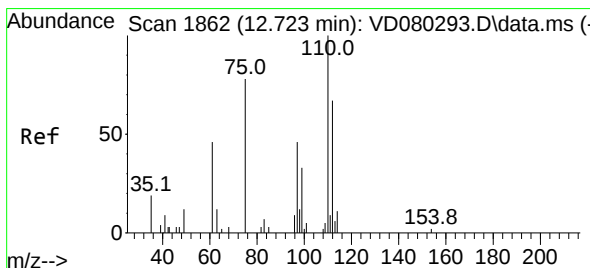
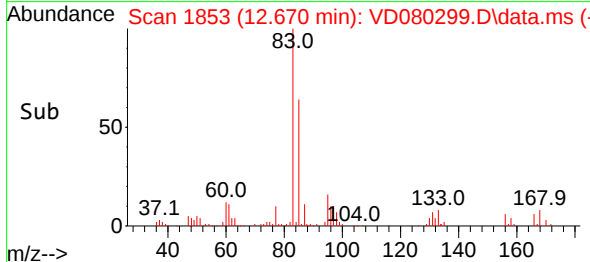
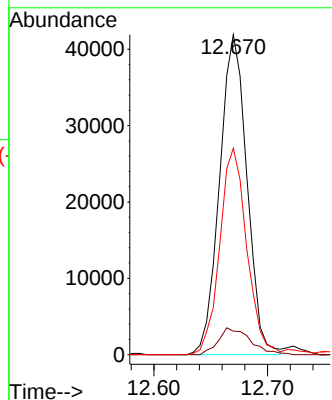
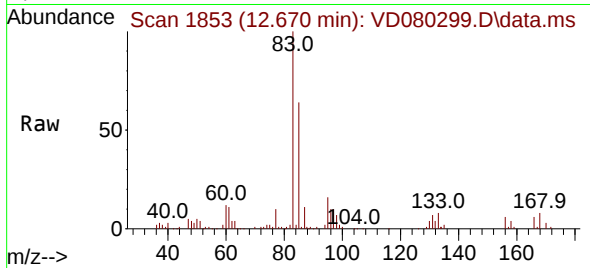




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.218 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.001 min
 Lab File: VD080299.D
 Acq: 13 May 2025 13:01

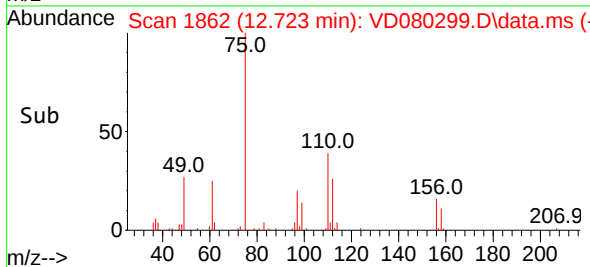
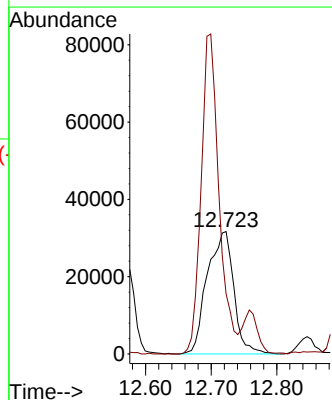
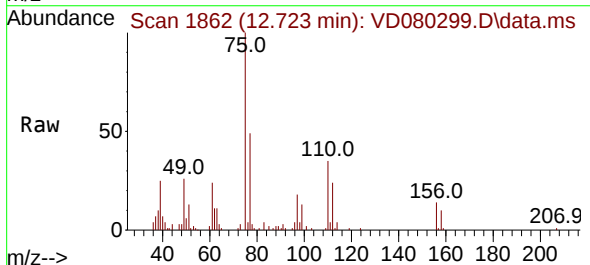
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

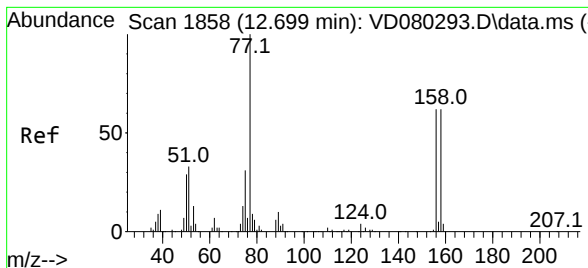
Tgt Ion: 83 Resp: 70078
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.3
 85 64.9 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 88.542 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.001 min
 Lab File: VD080299.D
 Acq: 13 May 2025 13:01

Tgt Ion: 75 Resp: 88907
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.308 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

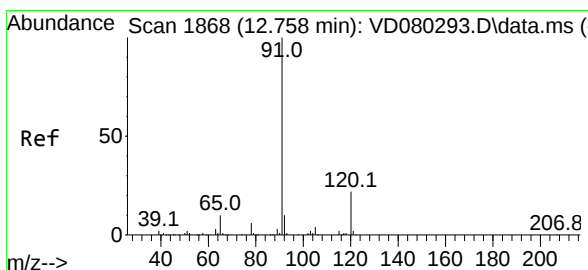
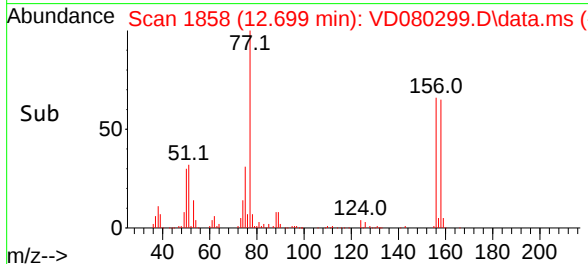
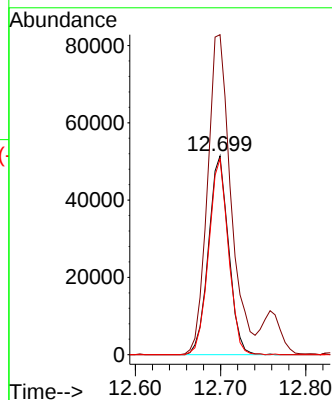
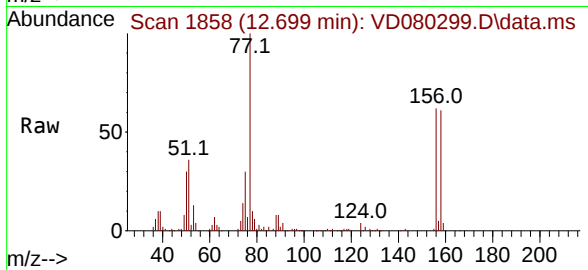
Tgt Ion:156 Resp: 84567

Ion Ratio Lower Upper

156 100

77 186.7 89.8 269.6

158 96.3 47.9 143.8



#78

n-propylbenzene

Concen: 51.933 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. -0.005 min

Lab File: VD080299.D

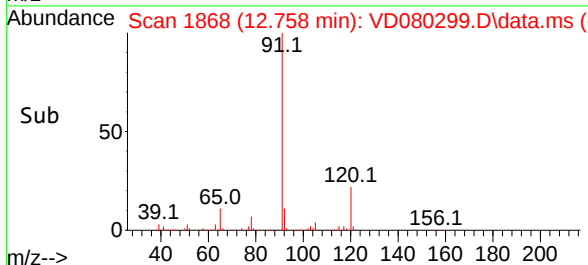
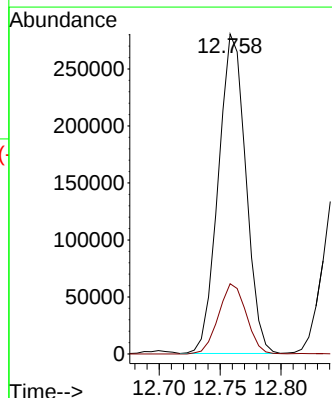
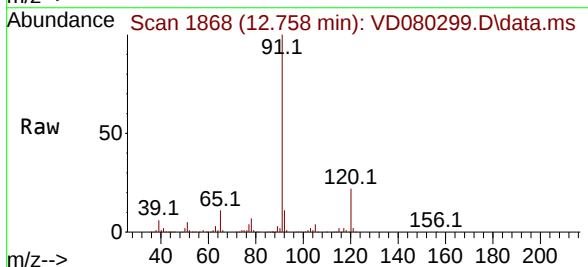
Acq: 13 May 2025 13:01

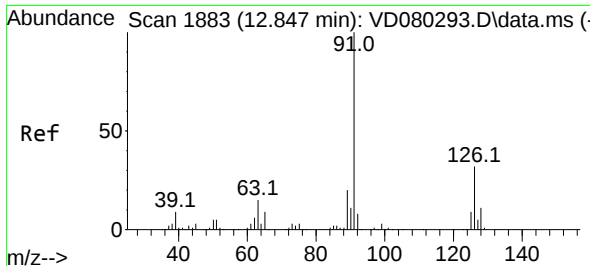
Tgt Ion: 91 Resp: 439842

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.5

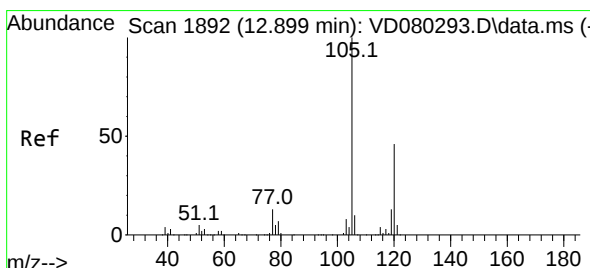
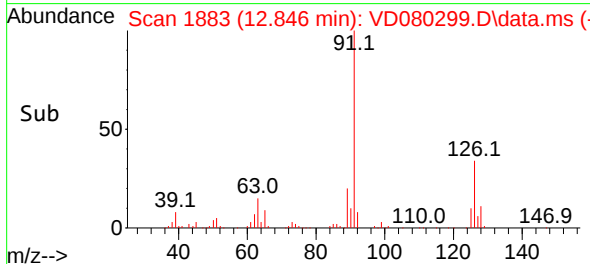
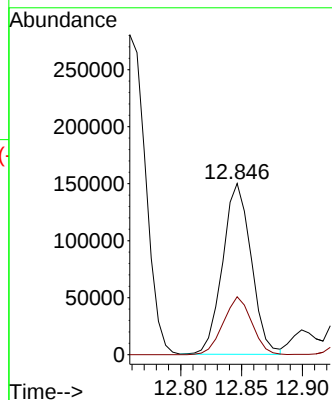
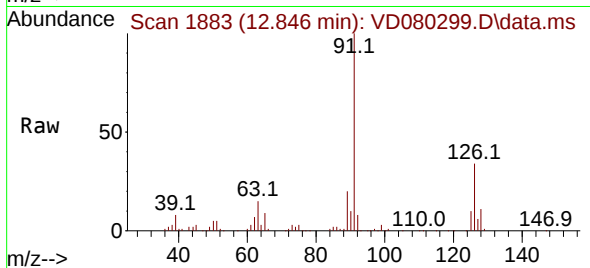




#79
2-Chlorotoluene
Concen: 49.785 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

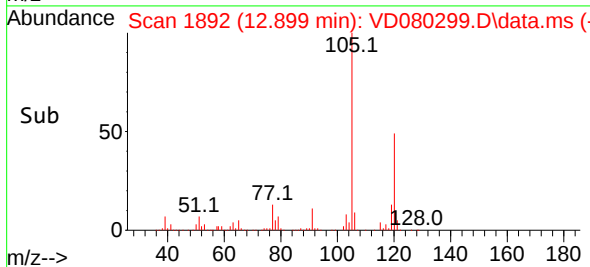
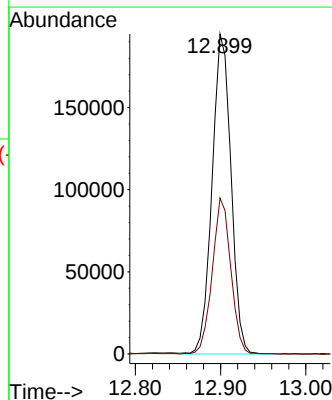
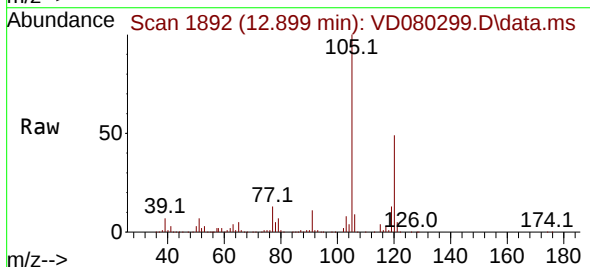
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

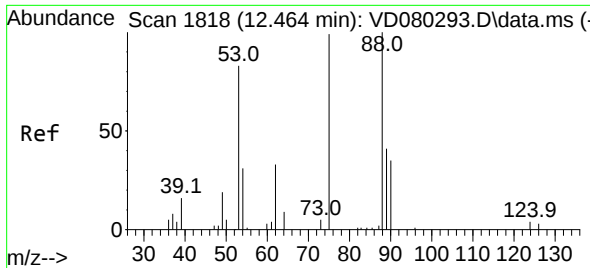
Tgt Ion: 91 Resp: 245261
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 52.178 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 105 Resp: 300352
Ion Ratio Lower Upper
105 100
120 47.7 25.0 75.0

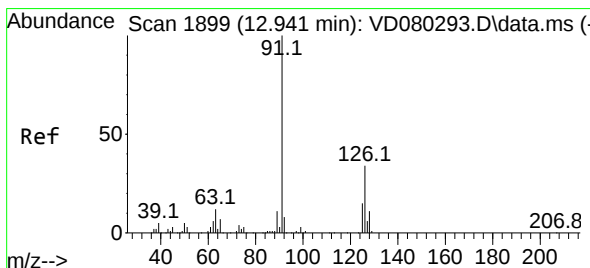
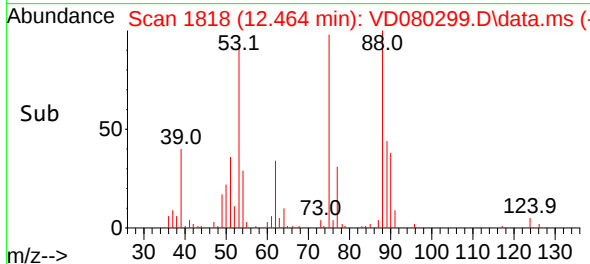
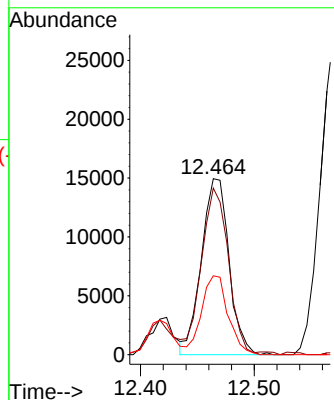
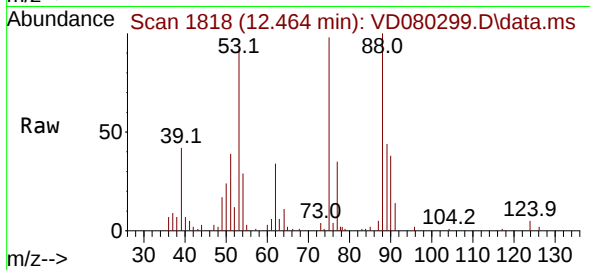




#81
trans-1,4-Dichloro-2-butene
Concen: 47.741 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

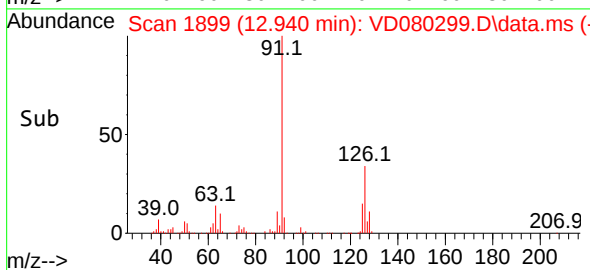
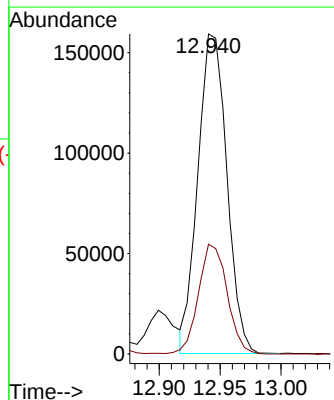
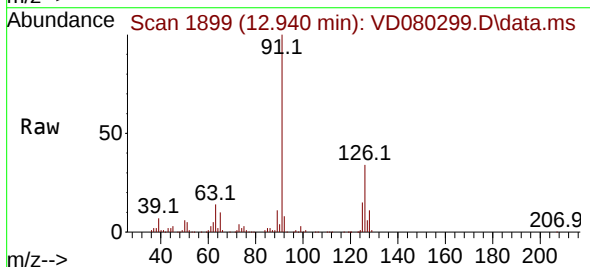
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

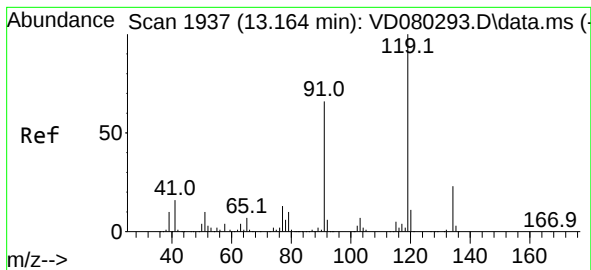
Tgt Ion: 75 Resp: 25255
Ion Ratio Lower Upper
75 100
53 93.7 68.7 103.1
89 42.8 36.1 54.1



#82
4-Chlorotoluene
Concen: 49.604 ug/l
RT: 12.940 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 91 Resp: 263782
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.3

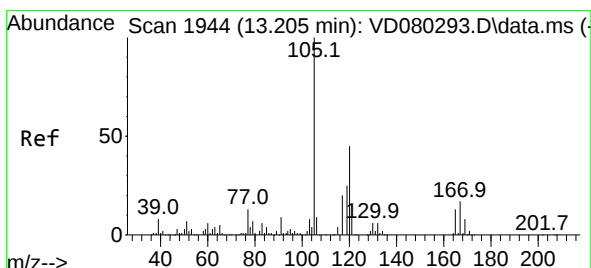
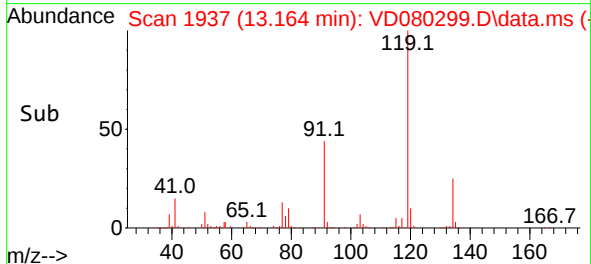
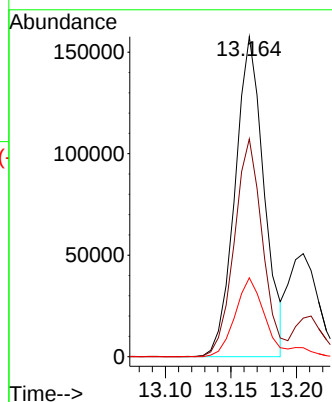
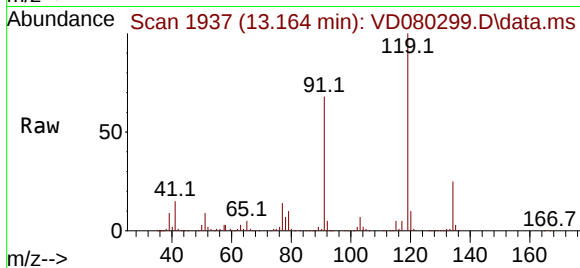




#83
 tert-Butylbenzene
 Concen: 50.594 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.001 min
 Lab File: VD080299.D
 Acq: 13 May 2025 13:01

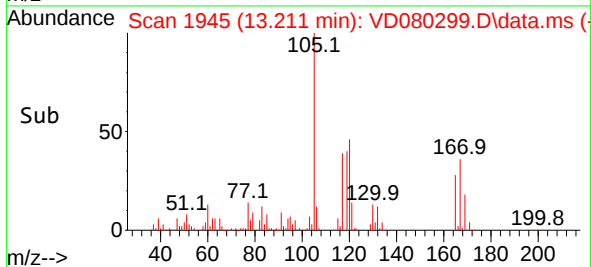
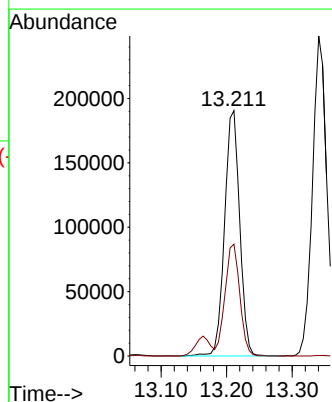
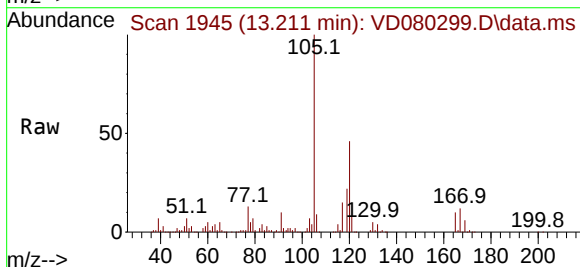
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

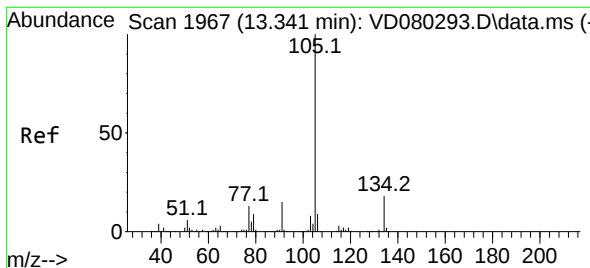
Tgt Ion:119 Resp: 243027
 Ion Ratio Lower Upper
 119 100
 91 66.9 33.3 99.9
 134 26.7 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.599 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.001 min
 Lab File: VD080299.D
 Acq: 13 May 2025 13:01

Tgt Ion:105 Resp: 303896
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.8 68.4





#85

sec-Butylbenzene

Concen: 50.655 ug/l

RT: 13.340 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

Instrument :

MSVOA_D

ClientSampleId :

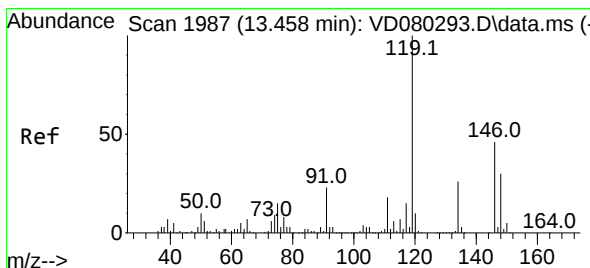
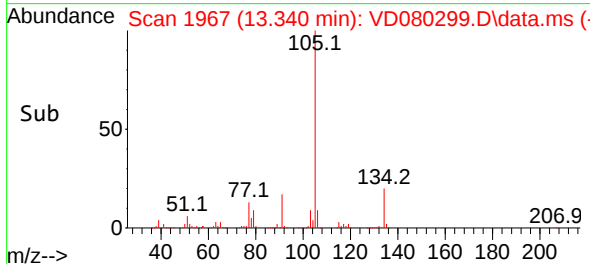
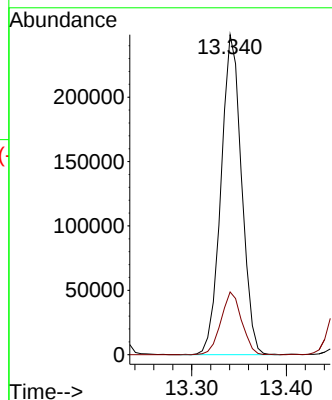
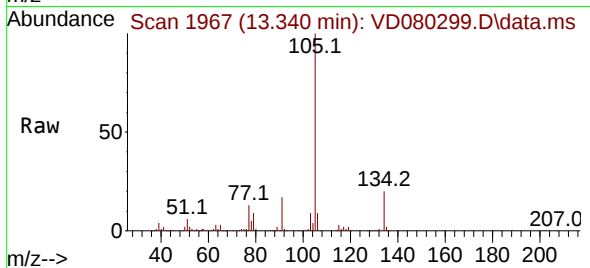
VSTDCCC050

Tgt Ion:105 Resp: 375224

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 52.398 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.001 min

Lab File: VD080299.D

Acq: 13 May 2025 13:01

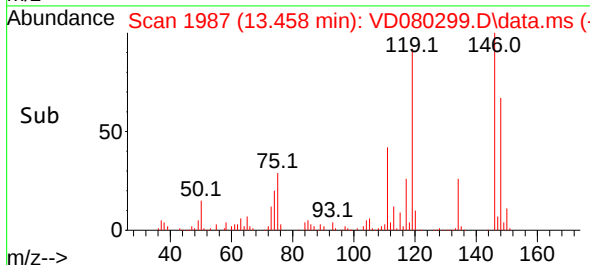
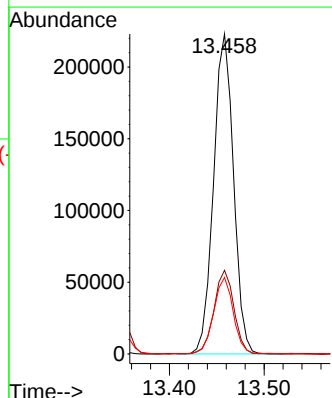
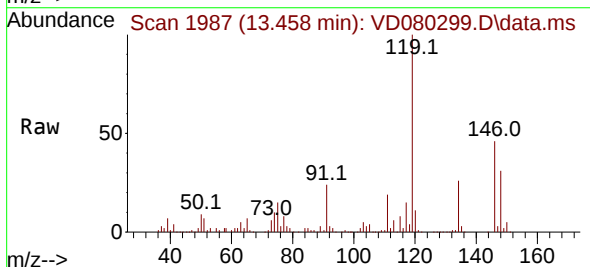
Tgt Ion:119 Resp: 326206

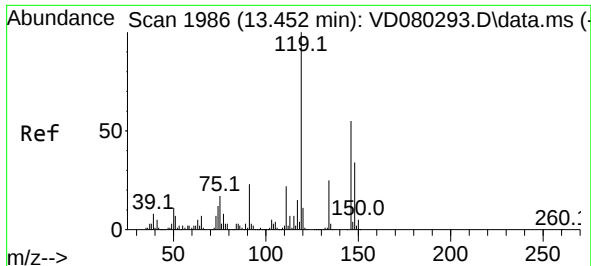
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.7 12.2 36.4

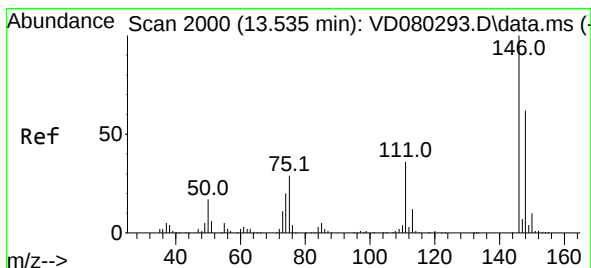
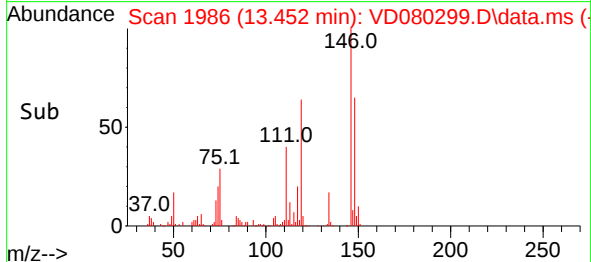
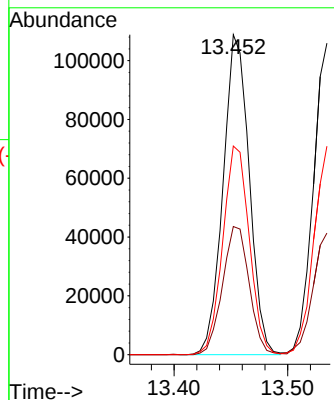
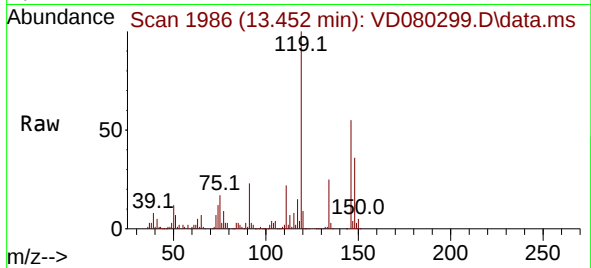




#87
 1,3-Dichlorobenzene
 Concen: 47.677 ug/l
 RT: 13.452 min Scan# 1986
 Delta R.T. -0.005 min
 Lab File: VD080299.D
 Acq: 13 May 2025 13:01

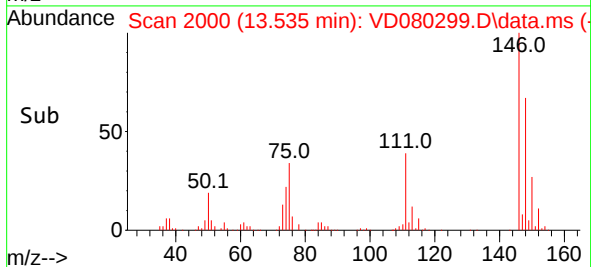
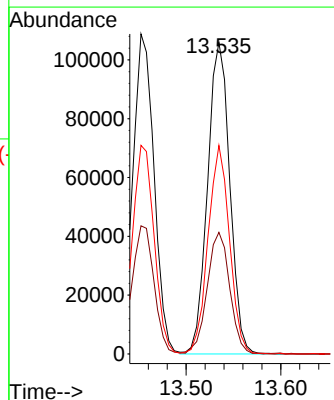
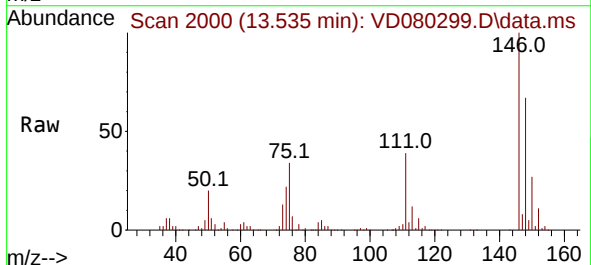
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

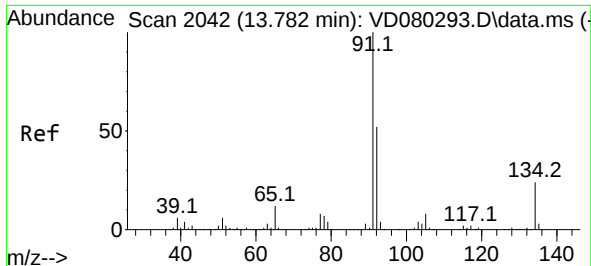
Tgt Ion:146 Resp: 174061
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 59.9
 148 66.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 46.945 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.001 min
 Lab File: VD080299.D
 Acq: 13 May 2025 13:01

Tgt Ion:146 Resp: 172781
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.3 57.8
 148 64.7 32.9 98.7

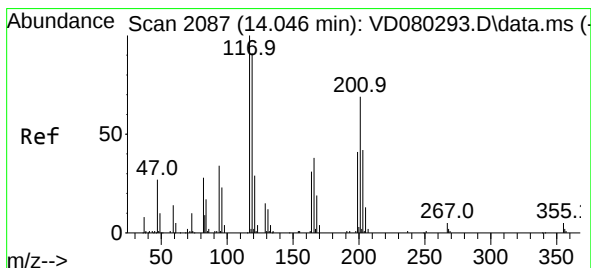
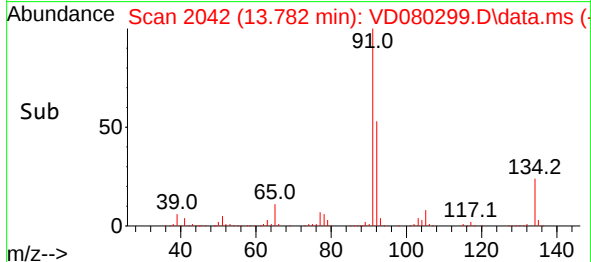
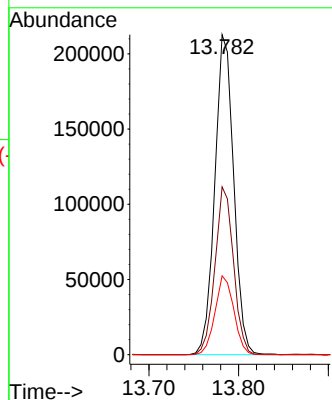
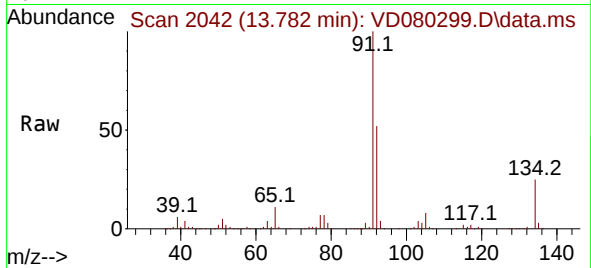




#89
n-Butylbenzene
Concen: 51.402 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.005 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

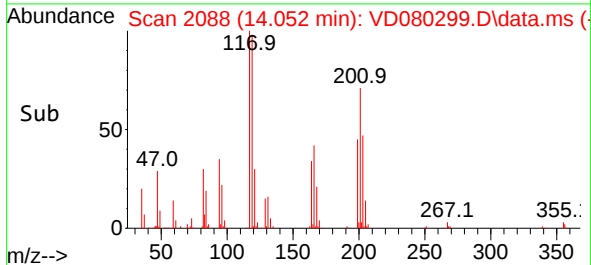
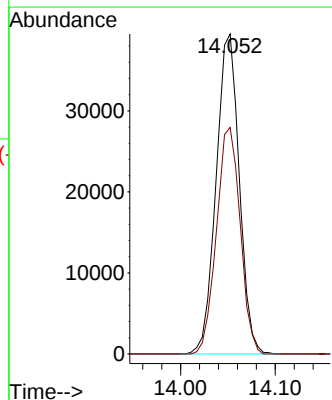
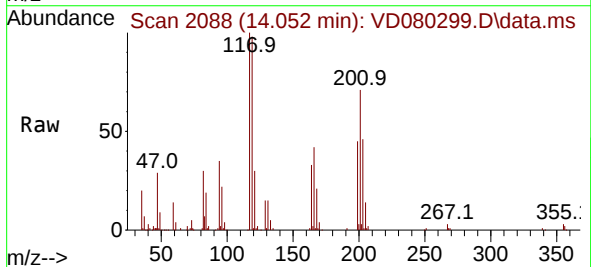
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MSVOA_D
ClientSampleId :
VSTDCCC050

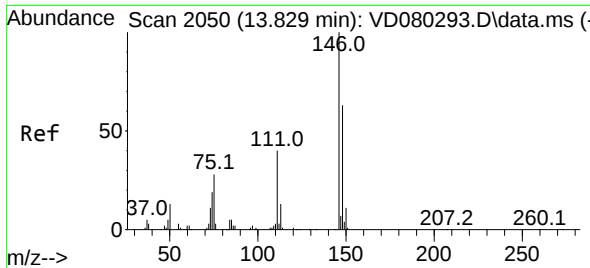
Tgt Ion: 91 Resp: 310638
Ion Ratio Lower Upper
91 100
92 51.6 26.3 78.9
134 24.6 12.3 36.8



#90
Hexachloroethane
Concen: 48.653 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion: 117 Resp: 67018
Ion Ratio Lower Upper
117 100
201 72.5 37.5 112.5

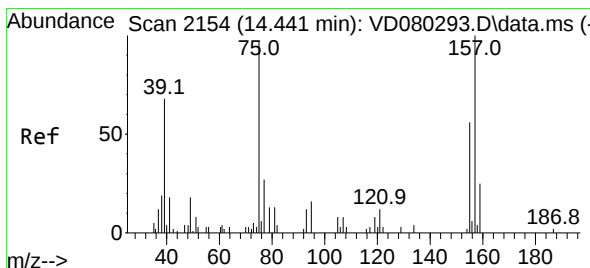
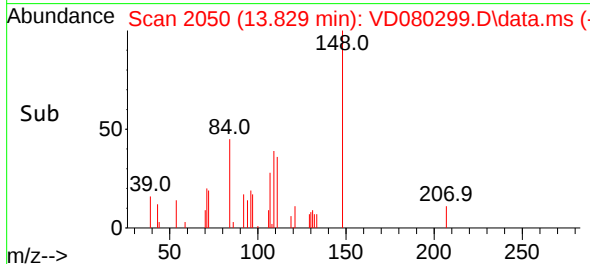
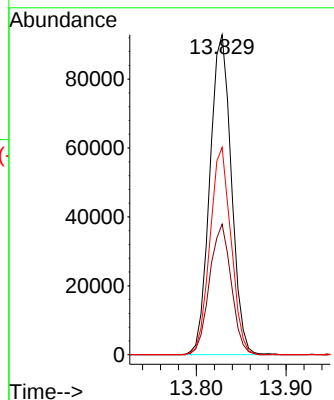
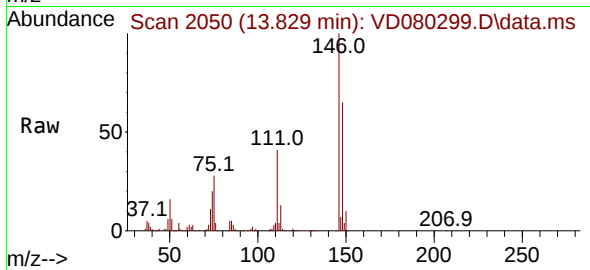




#91
 1,2-Dichlorobenzene
 Concen: 48.714 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.001 min
 Lab File: VD080299.D
 Acq: 13 May 2025 13:01

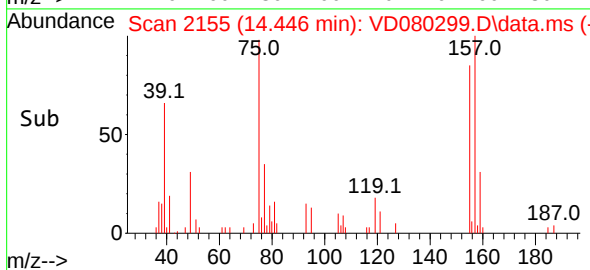
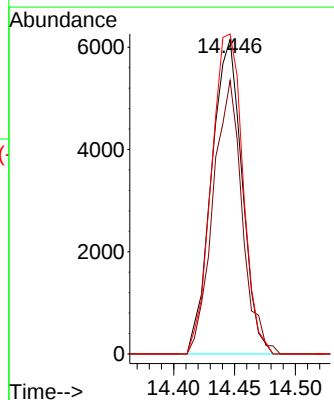
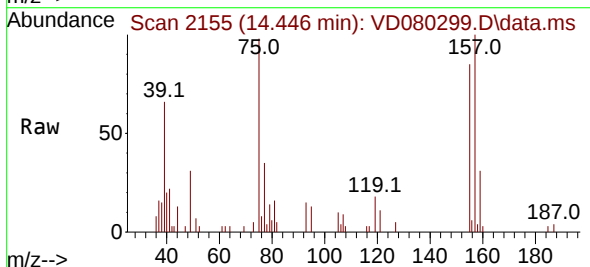
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 ClientSampleId :
 VSTDCCC050

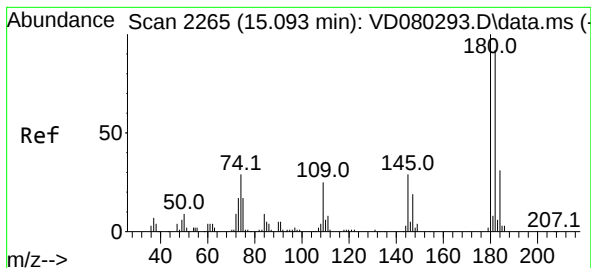
Tgt Ion:146 Resp: 154491
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.6 61.8
 148 63.6 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.338 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080299.D
 Acq: 13 May 2025 13:01

Tgt Ion: 75 Resp: 10724
 Ion Ratio Lower Upper
 75 100
 155 82.9 40.6 122.0
 157 104.6 53.3 159.9

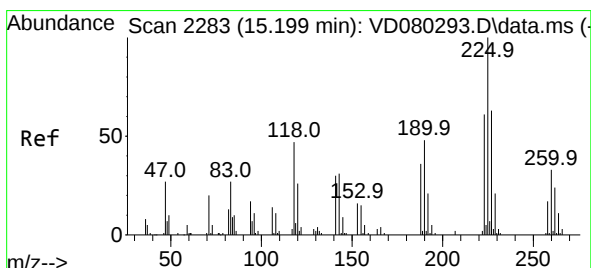
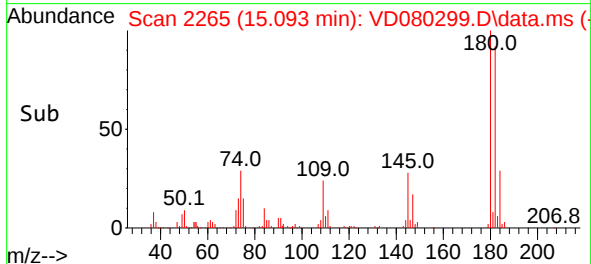
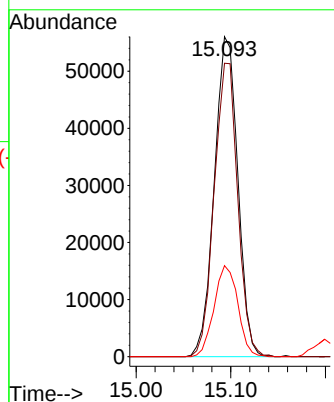
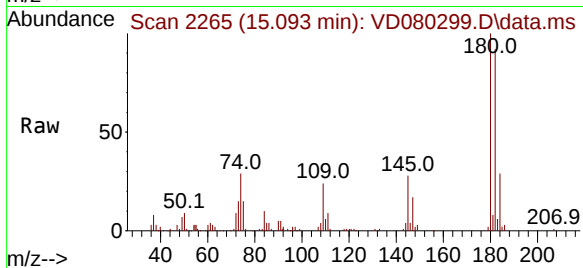




#93
 1,2,4-Trichlorobenzene
 Concen: 48.410 ug/l
 RT: 15.093 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD080299.D
 Acq: 13 May 2025 13:01

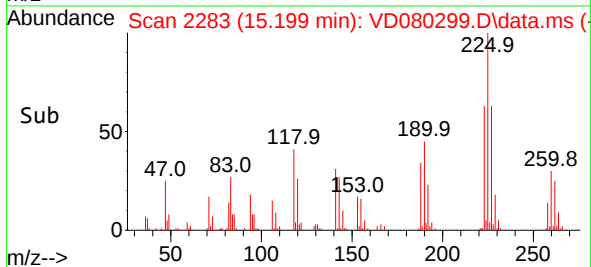
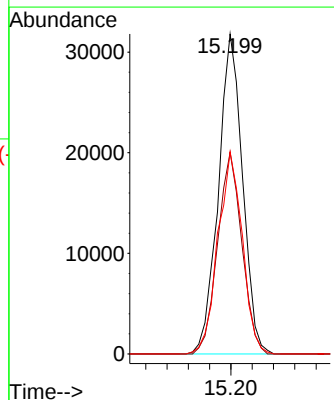
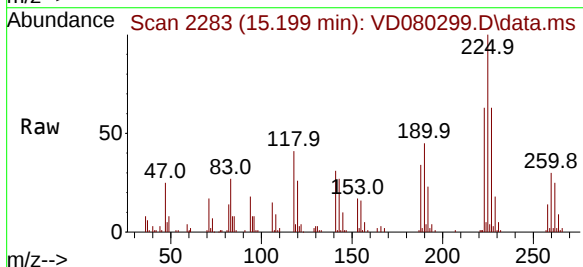
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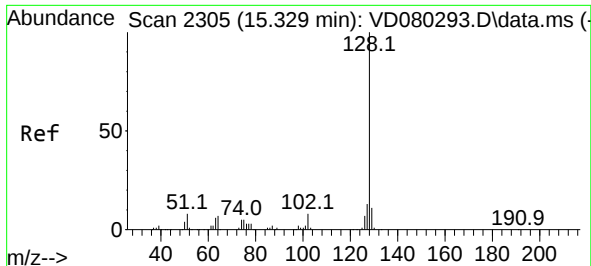
Tgt Ion:180 Resp: 96552
 Ion Ratio Lower Upper
 180 100
 182 91.8 47.4 142.2
 145 28.7 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 48.236 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.001 min
 Lab File: VD080299.D
 Acq: 13 May 2025 13:01

Tgt Ion:225 Resp: 50051
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.5 94.5
 227 63.8 30.9 92.5

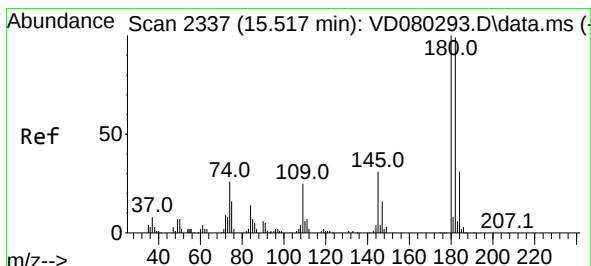
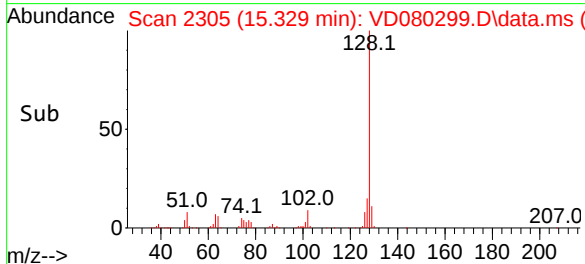
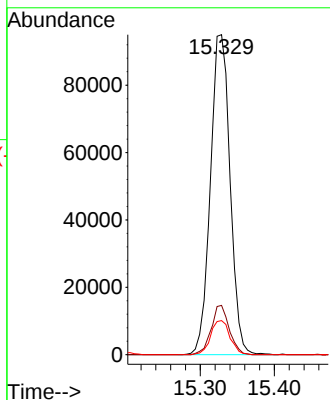
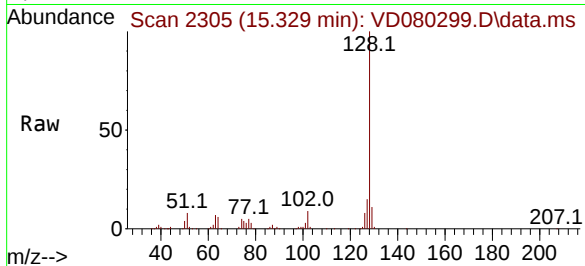




#95
Naphthalene
Concen: 46.727 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	174990
Ion	Ratio	Lower	Upper
128	100		
127	15.4	11.8	17.8
129	10.6	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 48.585 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD080299.D
Acq: 13 May 2025 13:01

Tgt Ion:	180	Resp:	86666
Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.5	142.6
145	30.4	15.7	47.0

