

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
 Data File : VD080358.D
 Acq On : 15 May 2025 19:28
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 16 03:03:59 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	7.876	168	140204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	226662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	210667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	111681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	87529	48.276	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.560%
35) Dibromofluoromethane	7.811	113	81963	53.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.900%
50) Toluene-d8	10.270	98	318596	53.226	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.460%
62) 4-Bromofluorobenzene	12.570	95	103843	54.050	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.100%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	77644	64.765	ug/l	99
3) Chloromethane	2.153	50	106178	43.424	ug/l	96
4) Vinyl Chloride	2.288	62	129356	35.490	ug/l	99
5) Bromomethane	2.694	94	91392	34.834	ug/l	98
6) Chloroethane	2.841	64	89570	34.756	ug/l	95
7) Trichlorofluoromethane	3.176	101	134800	48.232	ug/l	99
8) Diethyl Ether	3.594	74	44481	51.559	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	85546	49.679	ug/l	96
10) Methyl Iodide	4.164	142	93959	53.527	ug/l	99
11) Tert butyl alcohol	5.047	59	24751	224.970	ug/l #	89
12) 1,1-Dichloroethene	3.947	96	79876	47.051	ug/l	91
13) Acrolein	3.800	56	13860	71.599	ug/l	95
14) Allyl chloride	4.564	41	122676	45.947	ug/l	98
15) Acrylonitrile	5.258	53	96764	233.300	ug/l	98
16) Acetone	4.029	43	71894	258.851	ug/l	96
17) Carbon Disulfide	4.276	76	278193	47.190	ug/l	100
18) Methyl Acetate	4.564	43	62773	53.506	ug/l	98
19) Methyl tert-butyl Ether	5.323	73	197881	53.058	ug/l	100
20) Methylene Chloride	4.800	84	106842	55.607	ug/l	95
21) trans-1,2-Dichloroethene	5.317	96	92662	50.243	ug/l	95
22) Diisopropyl ether	6.211	45	274125	49.841	ug/l	96
23) Vinyl Acetate	6.158	43	761100	237.600	ug/l	97
24) 1,1-Dichloroethane	6.117	63	169325	48.925	ug/l	99
25) 2-Butanone	7.082	43	119208	238.962	ug/l	97
26) 2,2-Dichloropropane	7.076	77	130387	47.346	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	105613	51.687	ug/l	98
28) Bromochloromethane	7.429	49	68731	42.652	ug/l	93
29) Tetrahydrofuran	7.447	42	79776	245.266	ug/l	99
30) Chloroform	7.594	83	173456	50.258	ug/l	100
31) Cyclohexane	7.882	56	136037	46.184	ug/l	99
32) 1,1,1-Trichloroethane	7.794	97	139923	49.692	ug/l	98
36) 1,1-Dichloropropene	8.011	75	121276	53.415	ug/l	97
37) Ethyl Acetate	7.170	43	53384	44.965	ug/l	99
38) Carbon Tetrachloride	7.994	117	123160	52.014	ug/l	96
39) Methylcyclohexane	9.276	83	139531	52.961	ug/l	97
40) Benzene	8.252	78	369255	51.905	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	21959	33.422	ug/l #	76
42) 1,2-Dichloroethane	8.329	62	102466	49.706	ug/l	99
43) Isopropyl Acetate	8.364	43	104075	48.342	ug/l	98
44) Trichloroethene	9.029	130	86819	52.573	ug/l	98
45) 1,2-Dichloropropane	9.305	63	93667	51.338	ug/l	96
46) Dibromomethane	9.394	93	52337	52.687	ug/l	98
47) Bromodichloromethane	9.582	83	132788	52.666	ug/l	99
48) Methyl methacrylate	9.382	41	53532	52.332	ug/l	98
49) 1,4-Dioxane	9.382	88	11989	1015.135	ug/l	93
51) 4-Methyl-2-Pentanone	10.158	43	285255	257.156	ug/l	98
52) Toluene	10.335	92	229176	53.473	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	120751	52.534	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	139845	52.503	ug/l	96
55) 1,1,2-Trichloroethane	10.735	97	69146	52.623	ug/l	99
56) Ethyl methacrylate	10.599	69	87458	54.928	ug/l	96
57) 1,3-Dichloropropane	10.876	76	116864	53.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	189425	290.705	ug/l	100
59) 2-Hexanone	10.917	43	193318	253.343	ug/l	100
60) Dibromochloromethane	11.076	129	87514	53.146	ug/l	100
61) 1,2-Dibromoethane	11.176	107	65499	53.757	ug/l	98
64) Tetrachloroethene	10.811	164	75060	52.615	ug/l	96
65) Chlorobenzene	11.605	112	247490	52.029	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.682	131	85831	52.520	ug/l	99
67) Ethyl Benzene	11.682	91	427385	53.765	ug/l	97
68) m/p-Xylenes	11.788	106	330486	107.074	ug/l	98
69) o-Xylene	12.117	106	154998	54.955	ug/l	96
70) Styrene	12.135	104	274314	54.164	ug/l	100
71) Bromoform	12.299	173	50102	51.601	ug/l #	100
73) Isopropylbenzene	12.417	105	394829	54.500	ug/l	100
74) N-amyl acetate	12.229	43	99901	48.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	80573	50.575	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	101210	93.898	ug/l #	100
77) Bromobenzene	12.699	156	101166	53.836	ug/l	99
78) n-propylbenzene	12.764	91	497686	54.743	ug/l	100
79) 2-Chlorotoluene	12.846	91	288125	54.485	ug/l	98
80) 1,3,5-Trimethylbenzene	12.899	105	340449	55.098	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.470	75	28163	49.596	ug/l	98
82) 4-Chlorotoluene	12.946	91	300911	52.714	ug/l	99
83) tert-Butylbenzene	13.164	119	281792	54.651	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	349353	55.259	ug/l	98
85) sec-Butylbenzene	13.340	105	432898	54.443	ug/l	99
86) p-Isopropyltoluene	13.458	119	363235	54.354	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	200767	51.230	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	193578	48.997	ug/l	98
89) n-Butylbenzene	13.787	91	349033	53.803	ug/l	100
90) Hexachloroethane	14.052	117	76449	51.703	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	176041	51.711	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	12888	50.759	ug/l	96
93) 1,2,4-Trichlorobenzene	15.093	180	112090	52.355	ug/l	98
94) Hexachlorobutadiene	15.205	225	58386	52.419	ug/l	98
95) Naphthalene	15.329	128	220328	54.808	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	101666	53.095	ug/l	98

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Response via : Initial Calibration

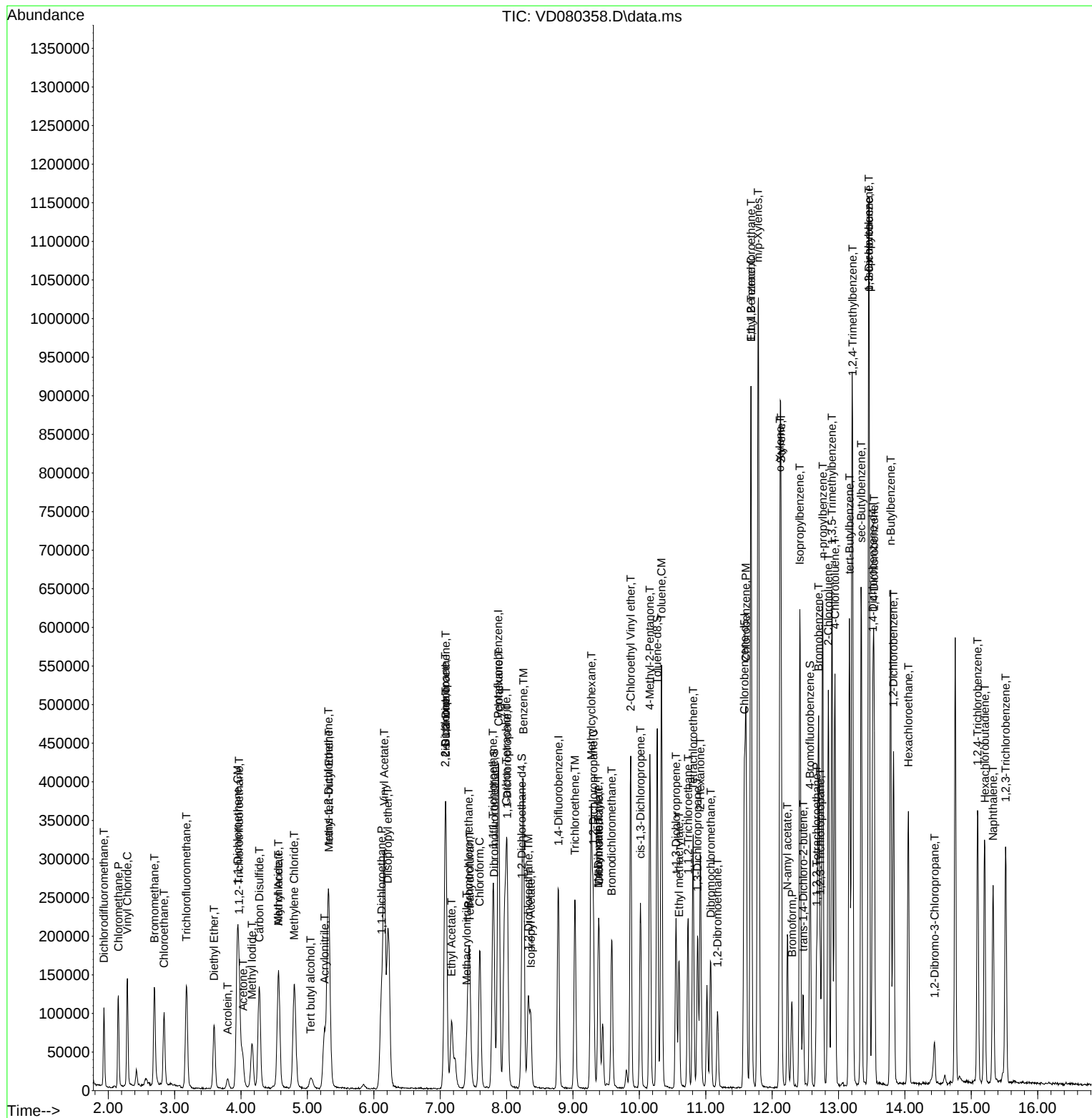
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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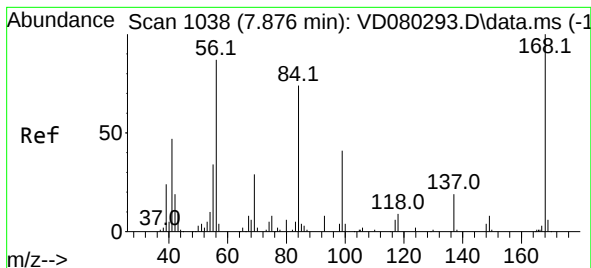
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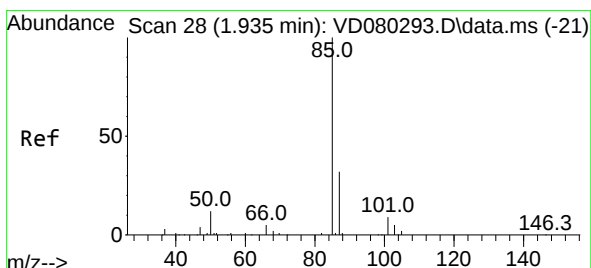
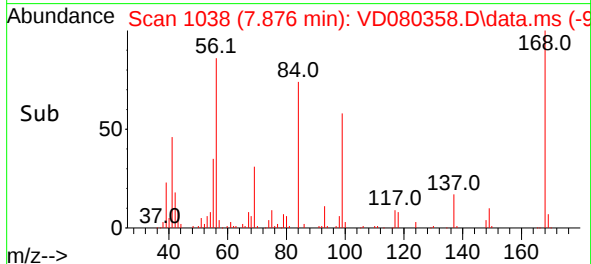
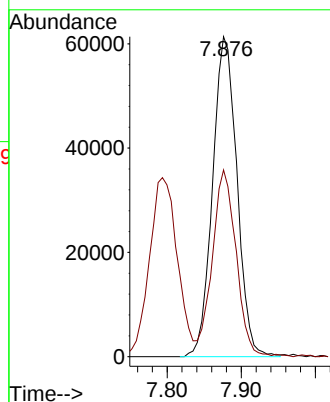
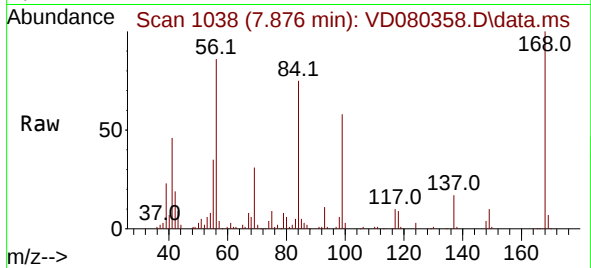




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080358.D
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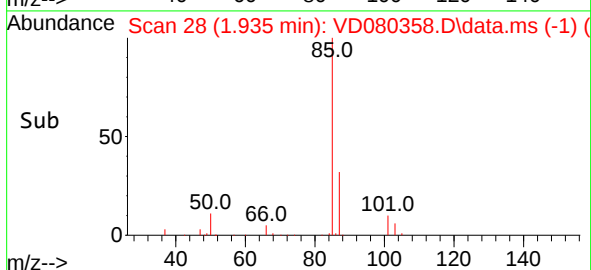
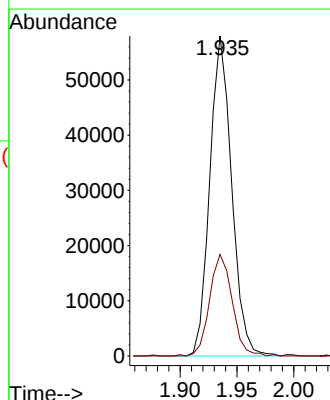
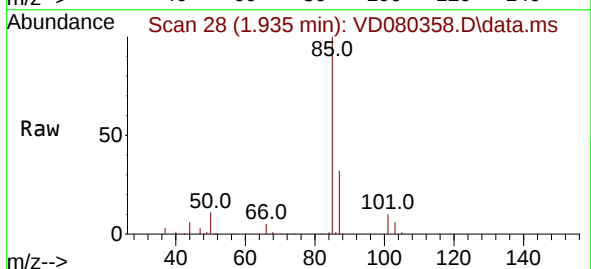
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

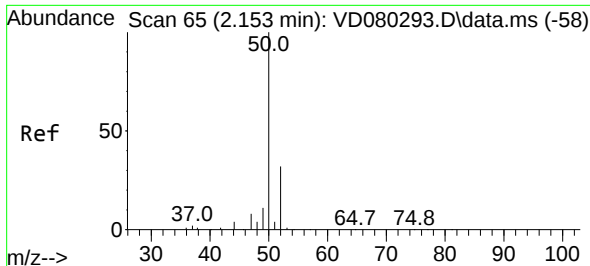
Tgt Ion:168 Resp: 140204
Ion Ratio Lower Upper
168 100
99 57.8 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 64.765 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 85 Resp: 77644
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2

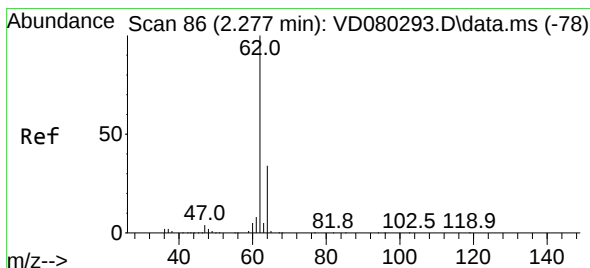
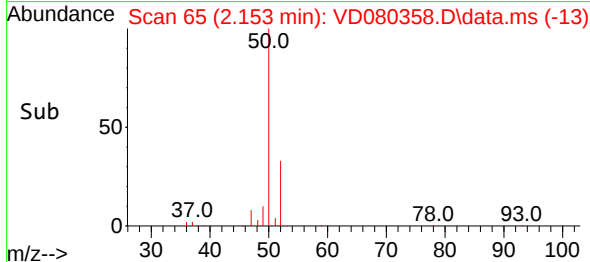
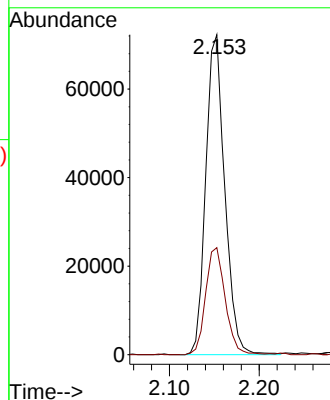
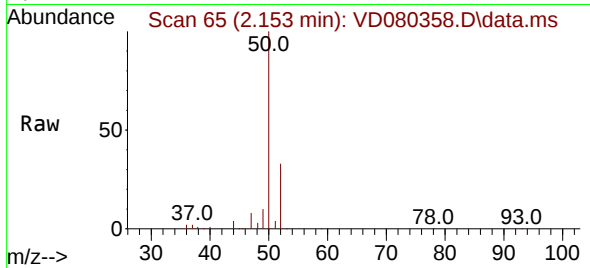




#3
Chloromethane
Concen: 43.424 ug/l
RT: 2.153 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

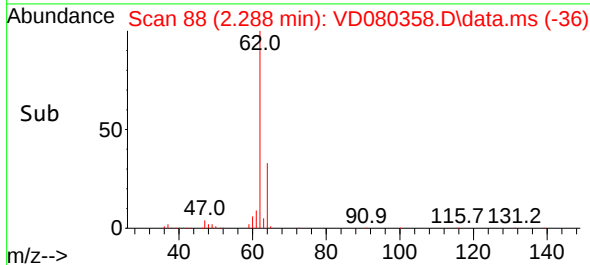
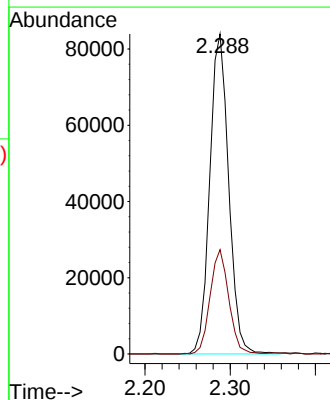
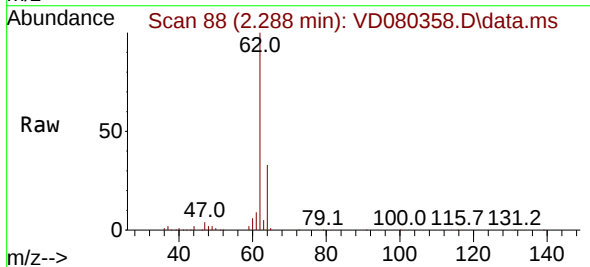
Instrument :
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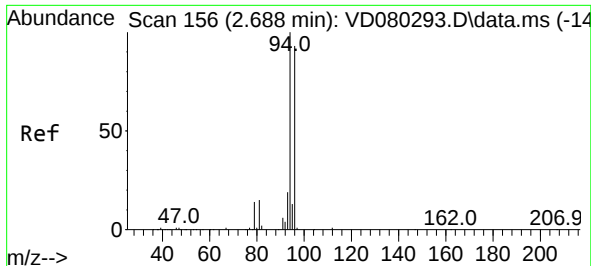
Tgt Ion: 50 Resp: 106178
Ion Ratio Lower Upper
50 100
52 33.5 28.8 43.2



#4
Vinyl Chloride
Concen: 35.490 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.007 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 62 Resp: 129356
Ion Ratio Lower Upper
62 100
64 32.6 26.5 39.7

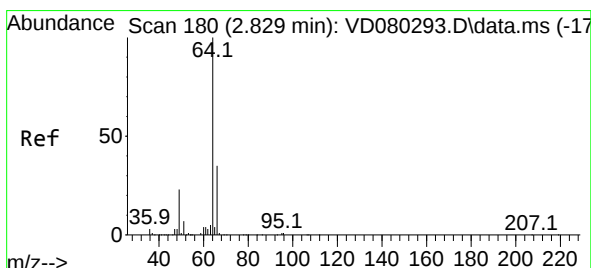
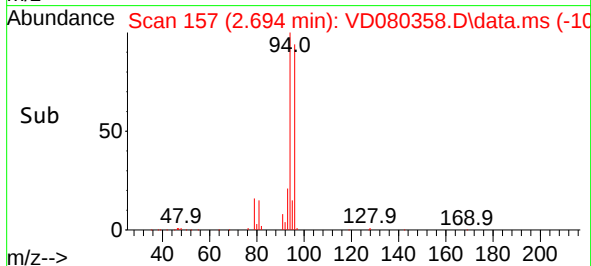
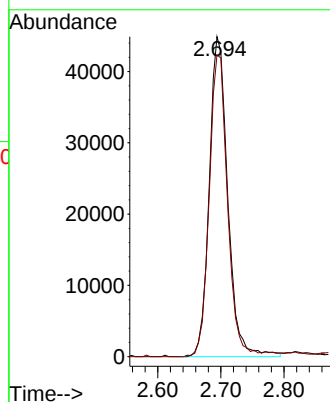
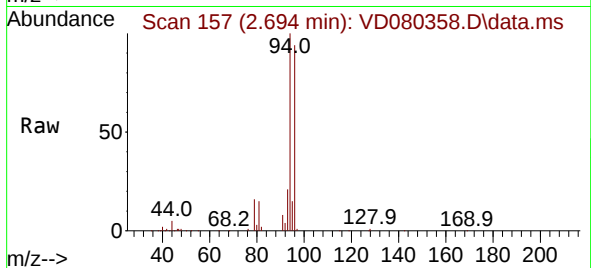




#5
Bromomethane
Concen: 34.834 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

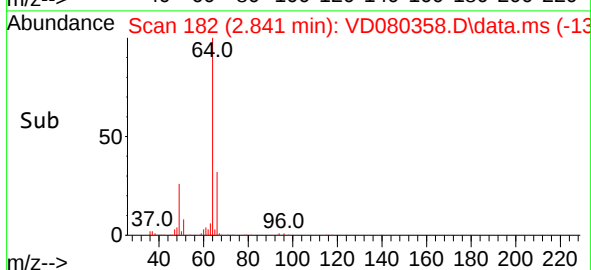
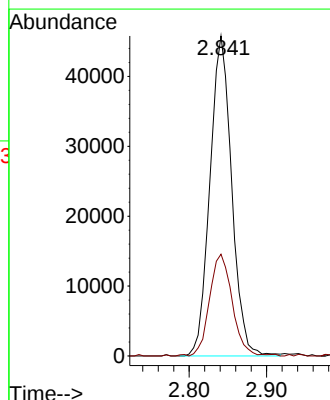
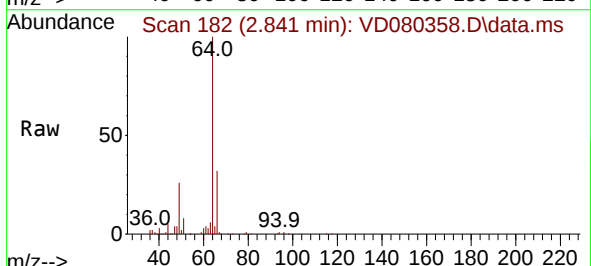
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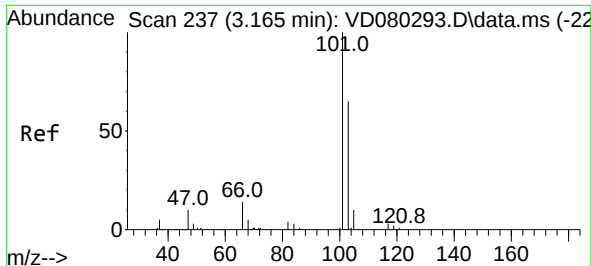
Tgt Ion: 94 Resp: 91392
Ion Ratio Lower Upper
94 100
96 93.0 76.2 114.2



#6
Chloroethane
Concen: 34.756 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.007 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 64 Resp: 89570
Ion Ratio Lower Upper
64 100
66 31.8 27.6 41.4

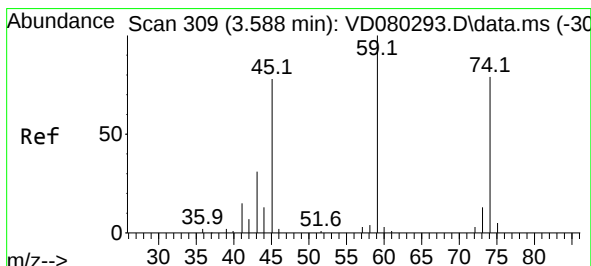
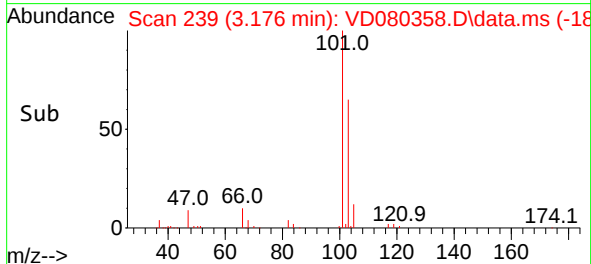
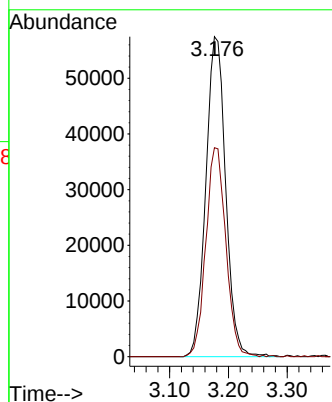
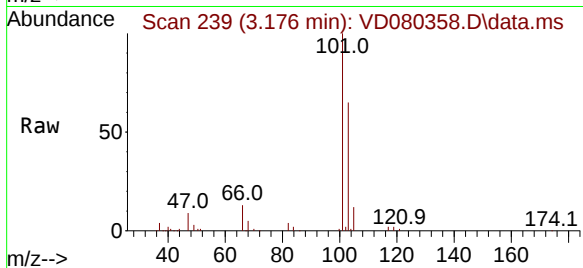




#7
 Trichlorofluoromethane
 Concen: 48.232 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD080358.D
 Acq: 15 May 2025 19:28

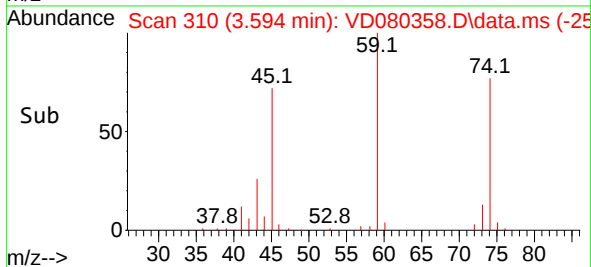
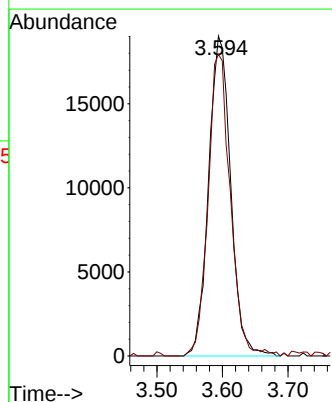
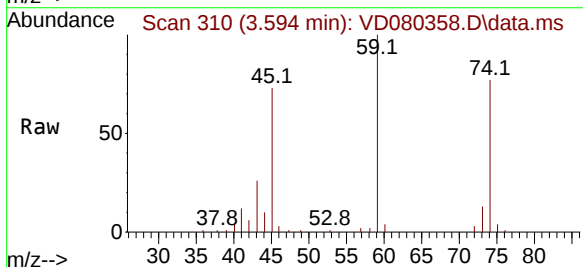
Instrument :
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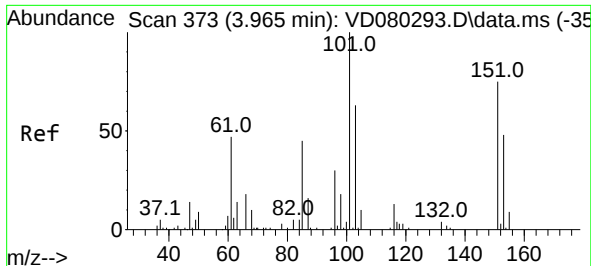
Tgt Ion:101 Resp: 134800
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.0 79.6



#8
 Diethyl Ether
 Concen: 51.559 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.001 min
 Lab File: VD080358.D
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Tgt Ion: 74 Resp: 44481
 Ion Ratio Lower Upper
 74 100
 45 95.1 47.8 143.3

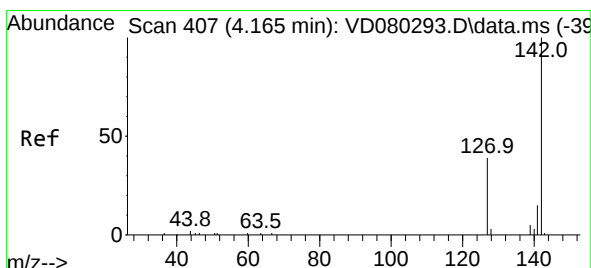
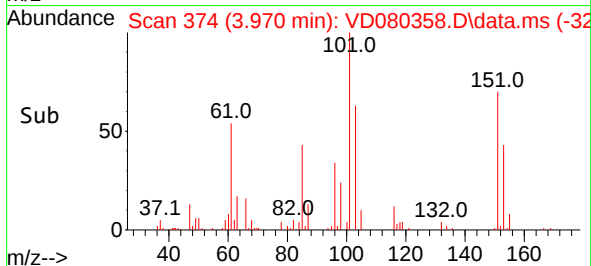
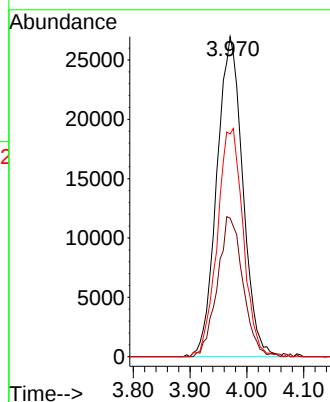
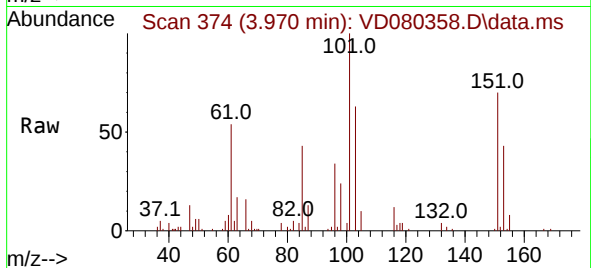




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.679 ug/l
RT: 3.970 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

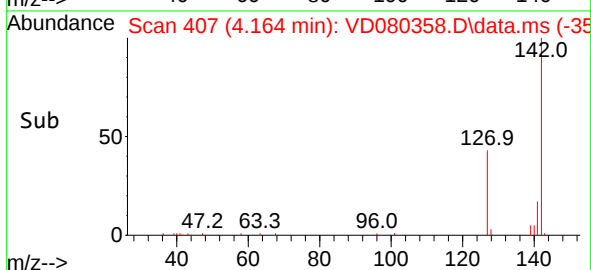
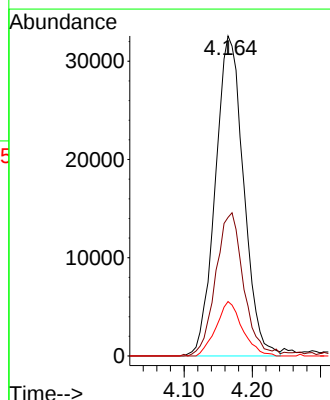
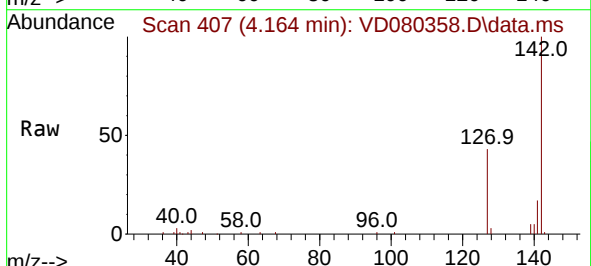
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

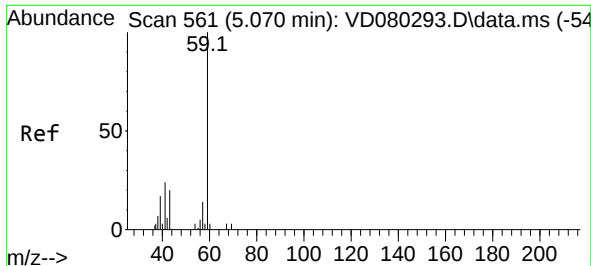
Tgt Ion:101 Resp: 85546
Ion Ratio Lower Upper
101 100
85 42.9 35.3 52.9
151 71.1 60.3 90.5



#10
Methyl Iodide
Concen: 53.527 ug/l
RT: 4.164 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion:142 Resp: 93959
Ion Ratio Lower Upper
142 100
127 44.6 35.3 52.9
141 15.9 12.2 18.2

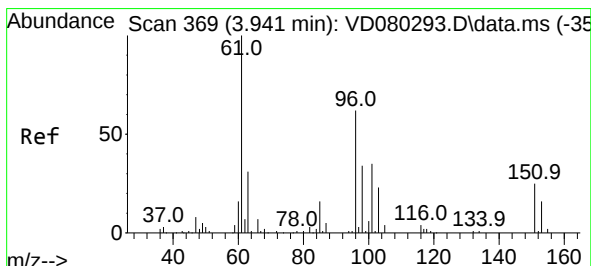
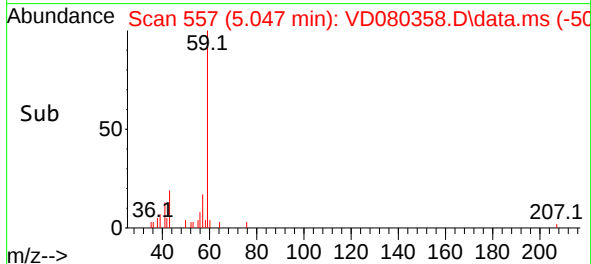
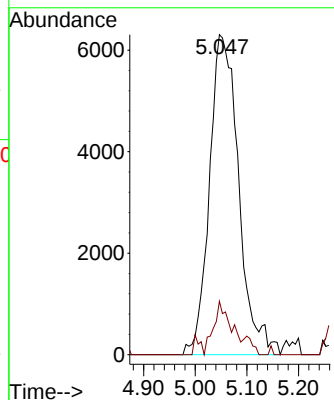
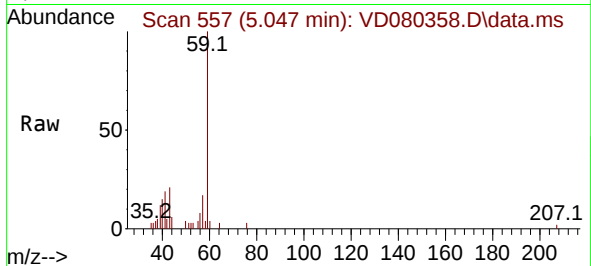




#11
Tert butyl alcohol
Concen: 224.970 ug/l
RT: 5.047 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

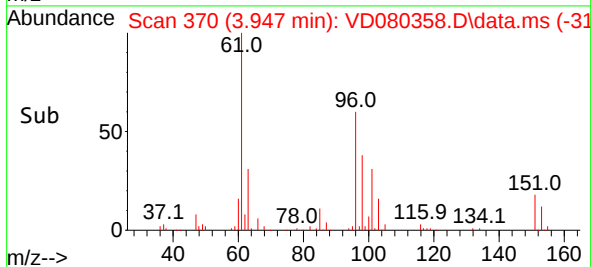
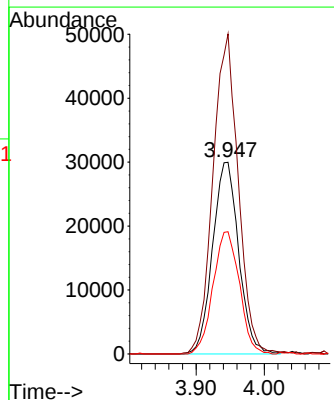
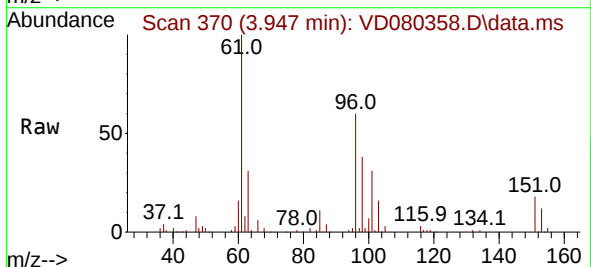
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

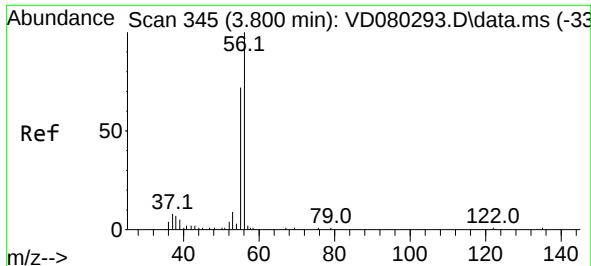
Tgt Ion: 59 Resp: 24751
Ion Ratio Lower Upper
59 100
57 9.9 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 47.051 ug/l
RT: 3.947 min Scan# 370
Delta R.T. 0.007 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 96 Resp: 79876
Ion Ratio Lower Upper
96 100
61 166.9 122.6 184.0
98 63.7 47.1 70.7

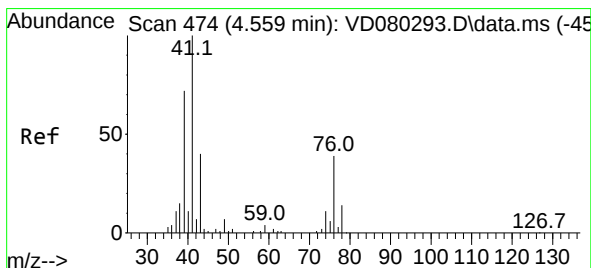
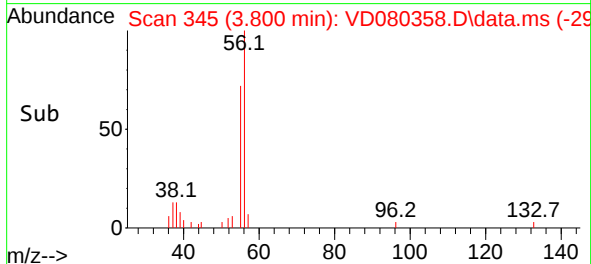
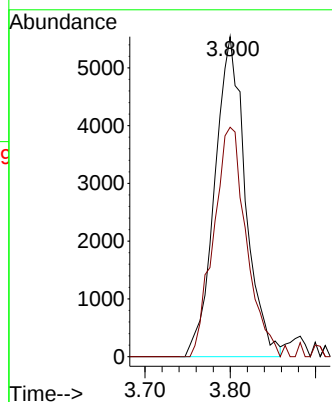
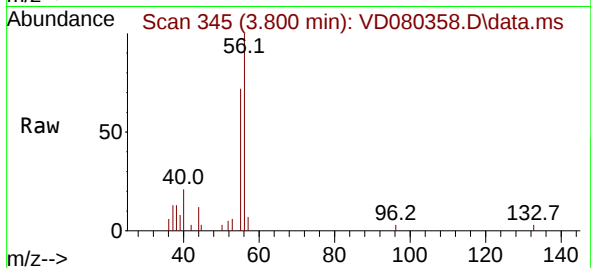




#13
Acrolein
Concen: 71.599 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.007 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

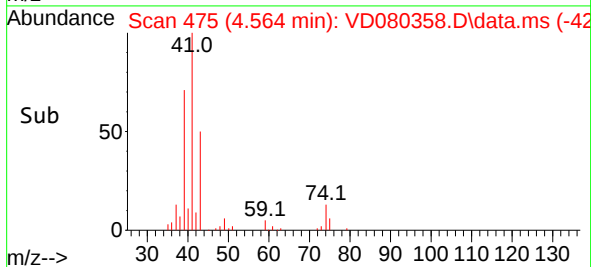
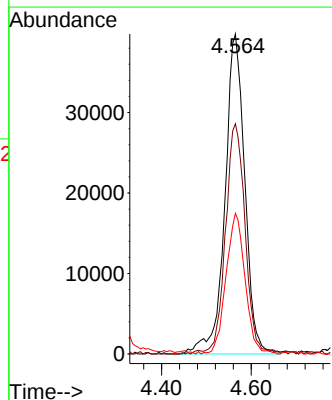
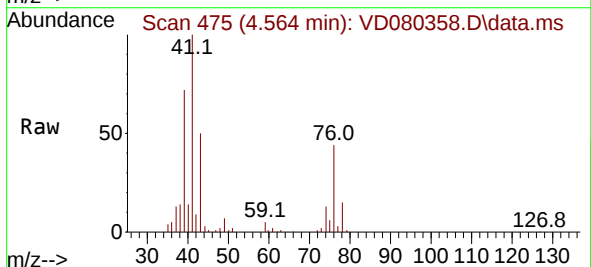
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

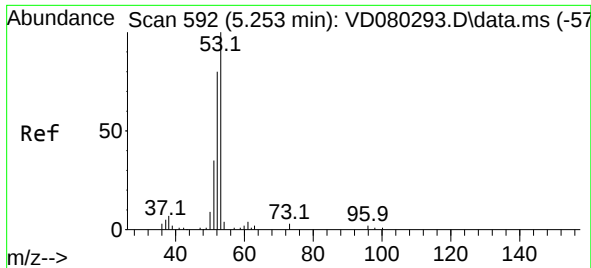
Tgt Ion: 56 Resp: 13860
Ion Ratio Lower Upper
56 100
55 77.0 58.2 87.2



#14
Allyl chloride
Concen: 45.947 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 41 Resp: 122676
Ion Ratio Lower Upper
41 100
39 67.9 53.3 79.9
76 42.1 32.0 48.0

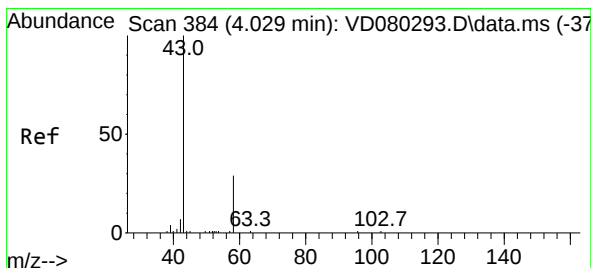
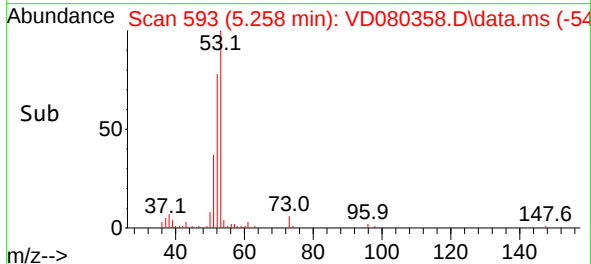
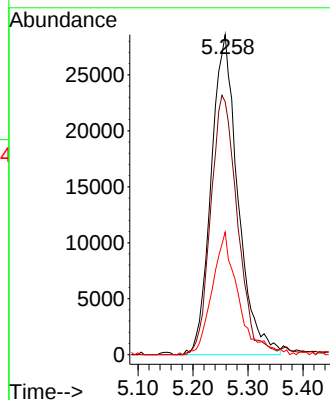
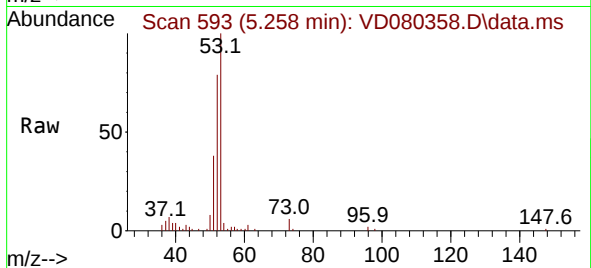




#15
Acrylonitrile
Concen: 233.300 ug/l
RT: 5.258 min Scan# 592
Delta R.T. 0.006 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

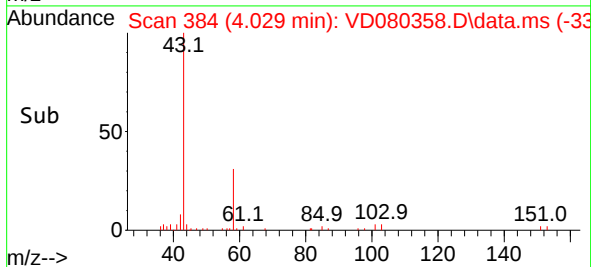
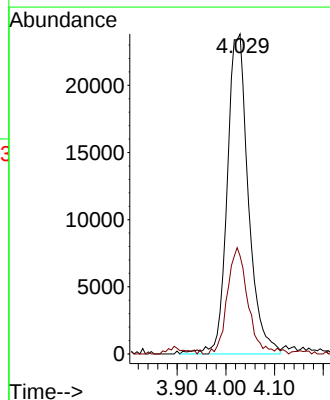
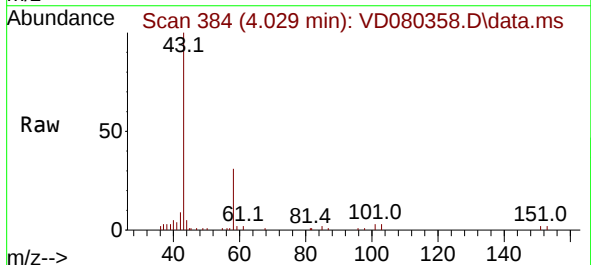
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

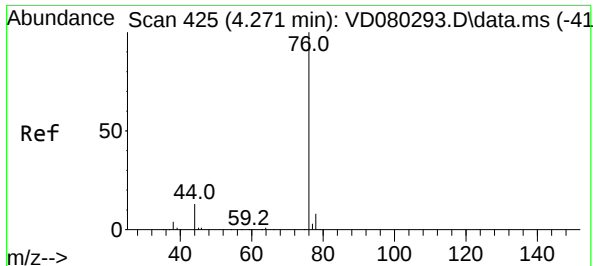
Tgt Ion: 53 Resp: 96764
Ion Ratio Lower Upper
53 100
52 80.8 66.2 99.4
51 37.4 30.3 45.5



#16
Acetone
Concen: 258.851 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.006 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 43 Resp: 71894
Ion Ratio Lower Upper
43 100
58 29.7 25.4 38.2

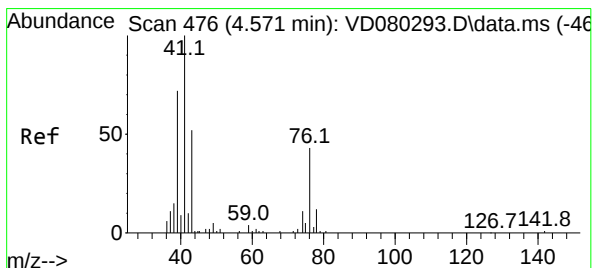
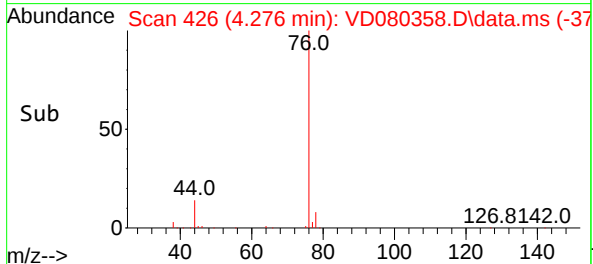
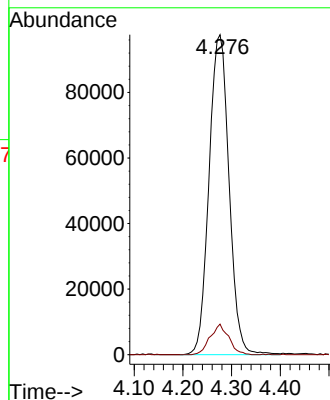
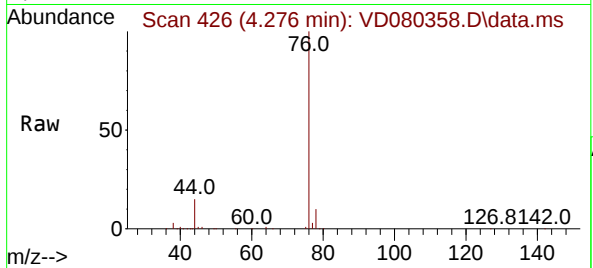




#17
Carbon Disulfide
Concen: 47.190 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

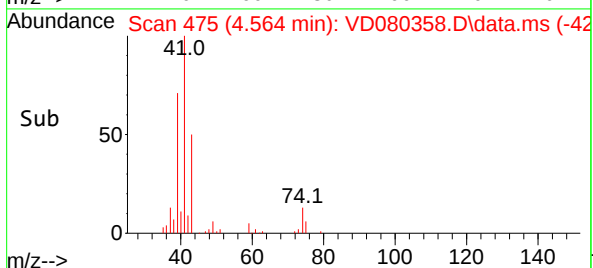
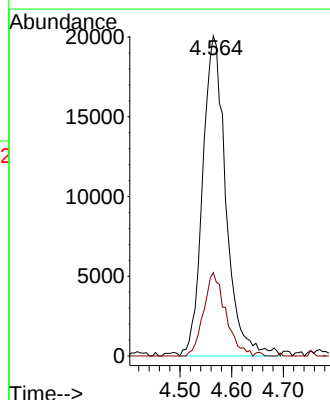
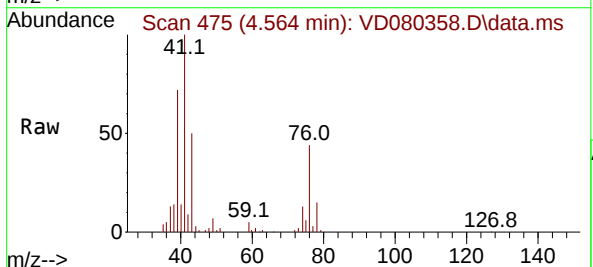
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

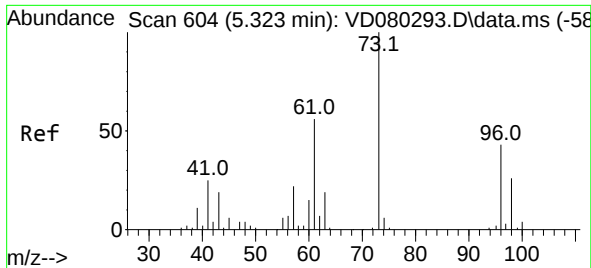
Tgt Ion: 76 Resp: 278193
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 53.506 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 43 Resp: 62773
Ion Ratio Lower Upper
43 100
74 24.6 20.5 30.7

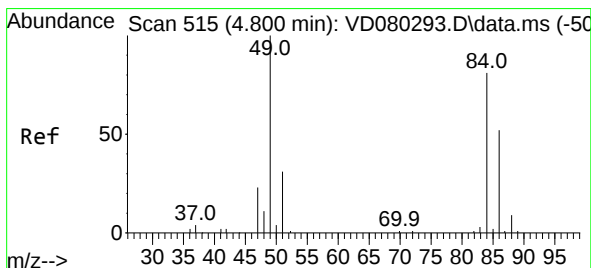
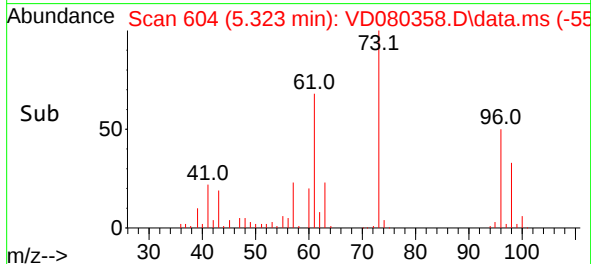
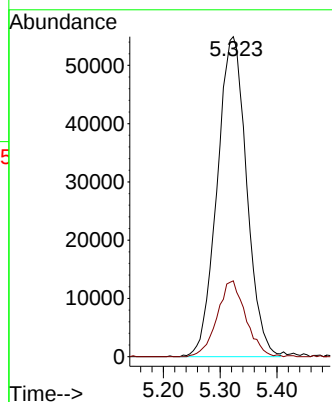
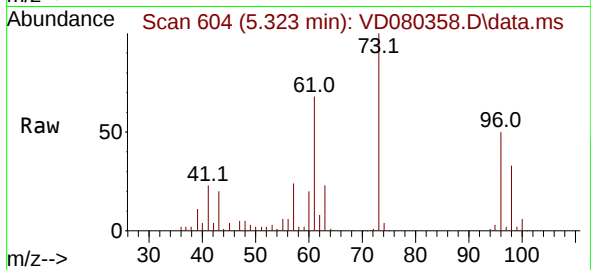




#19
Methyl tert-butyl Ether
Concen: 53.058 ug/l
RT: 5.323 min Scan# 604
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

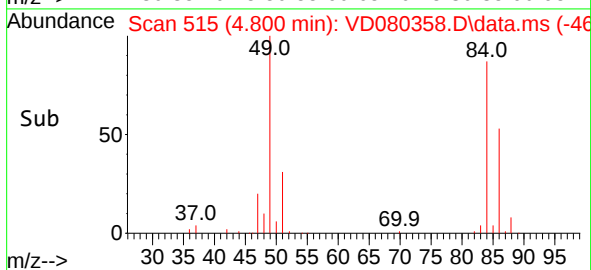
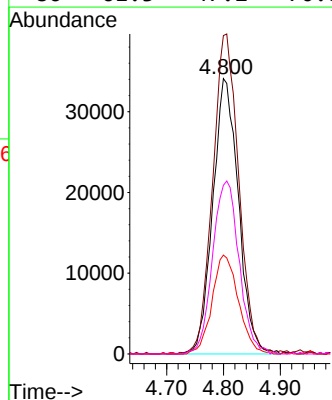
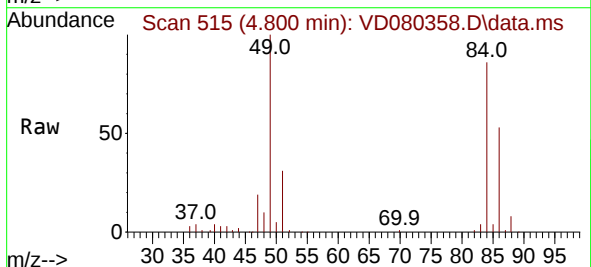
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

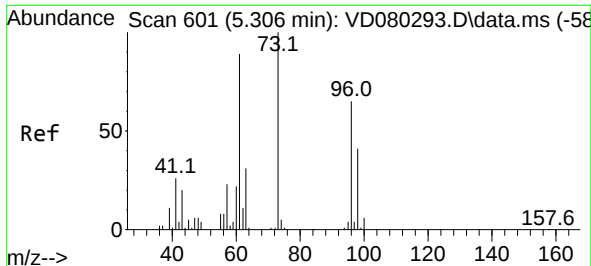
Tgt Ion: 73 Resp: 197881
Ion Ratio Lower Upper
73 100
57 23.7 18.8 28.2



#20
Methylene Chloride
Concen: 55.607 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.005 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 84 Resp: 106842
Ion Ratio Lower Upper
84 100
49 115.0 86.5 129.7
51 35.9 26.9 40.3
86 61.3 47.2 70.8

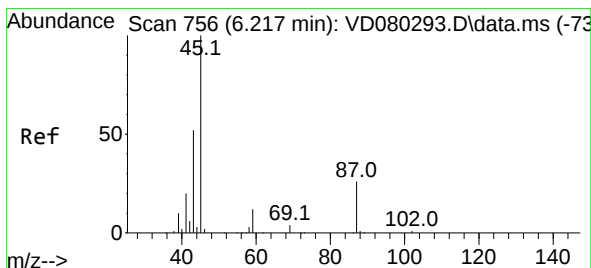
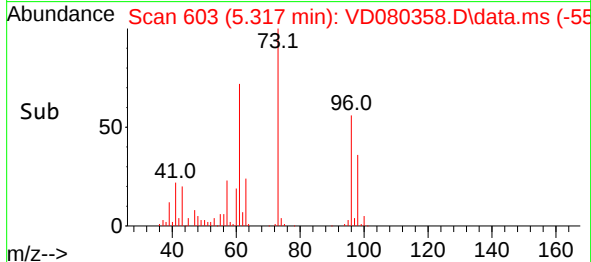
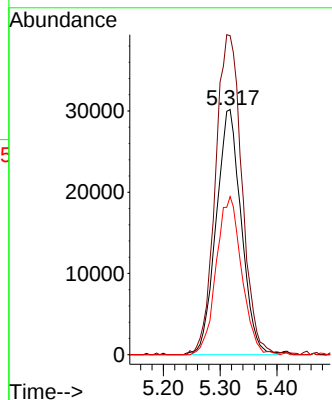
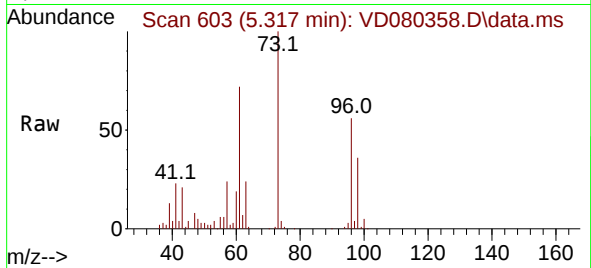




#21
trans-1,2-Dichloroethene
Concen: 50.243 ug/l
RT: 5.317 min Scan# 601
Delta R.T. 0.006 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

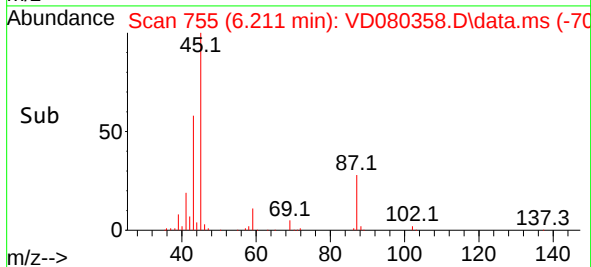
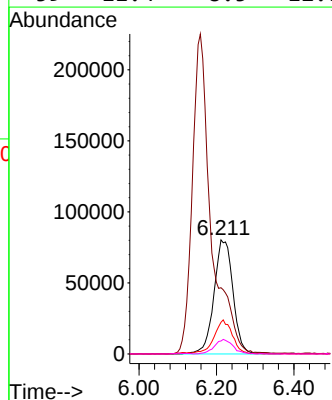
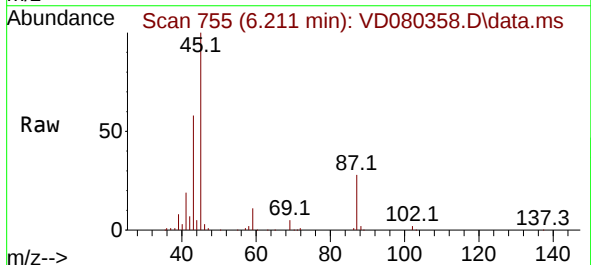
Instrument :
MSVOA_D
ClientSampleId :
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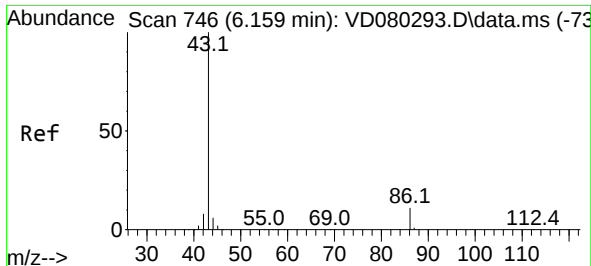
Tgt Ion: 96 Resp: 92662
Ion Ratio Lower Upper
96 100
61 130.2 109.4 164.0
98 64.5 49.8 74.8



#22
Diisopropyl ether
Concen: 49.841 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 45 Resp: 274125
Ion Ratio Lower Upper
45 100
43 57.4 42.6 63.8
87 27.8 22.7 34.1
59 11.4 8.5 12.7

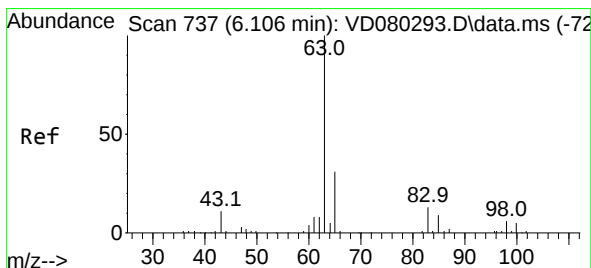
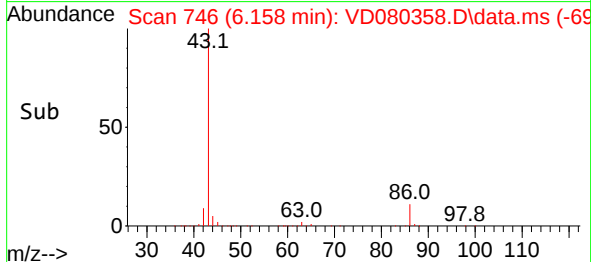
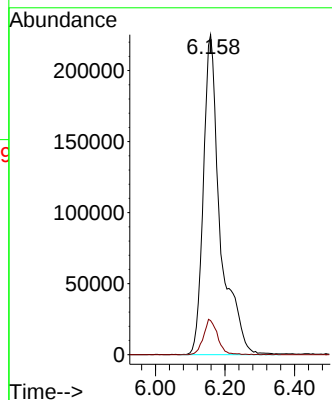
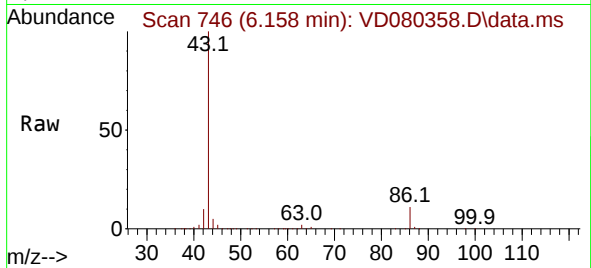




#23
 Vinyl Acetate
 Concen: 237.600 ug/l
 RT: 6.158 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080358.D
 Acq: 15 May 2025 19:28

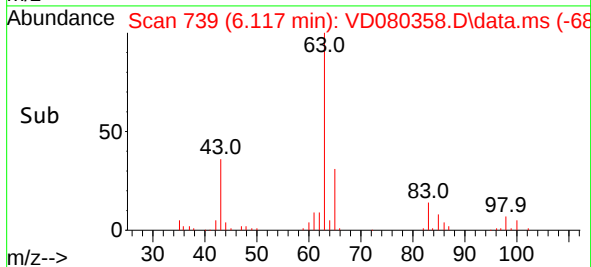
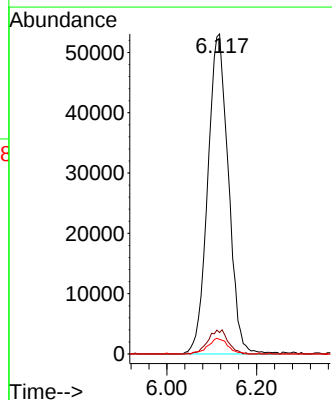
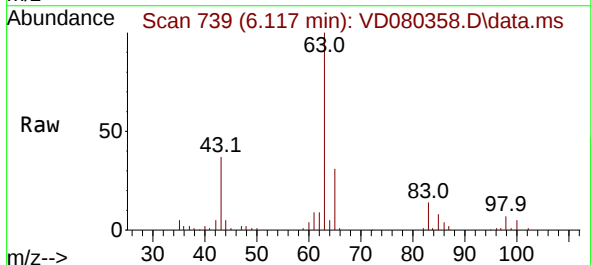
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

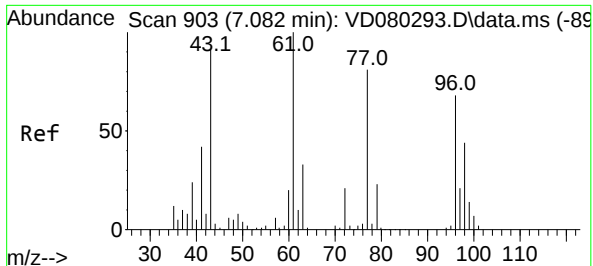
Tgt Ion: 43 Resp: 761100
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 48.925 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD080358.D
 Acq: 15 May 2025 19:28

Tgt Ion: 63 Resp: 169325
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 4.6 2.1 6.5

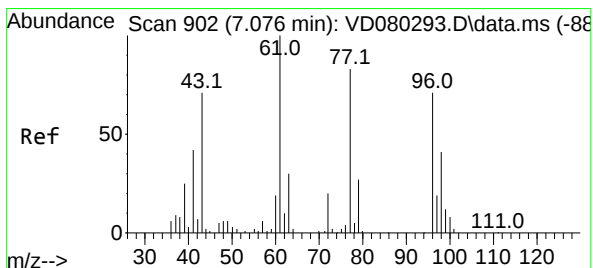
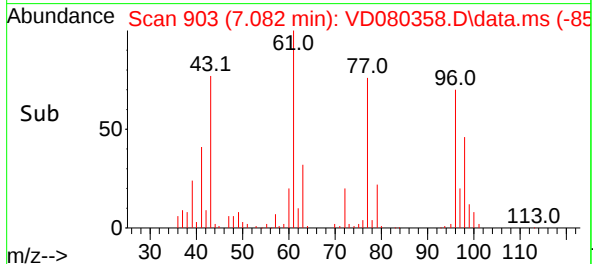
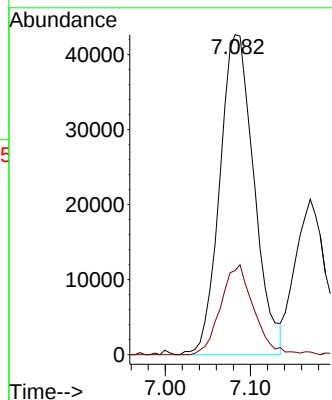
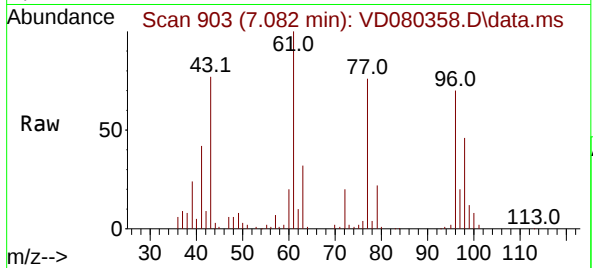




#25
2-Butanone
Concen: 238.962 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.005 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

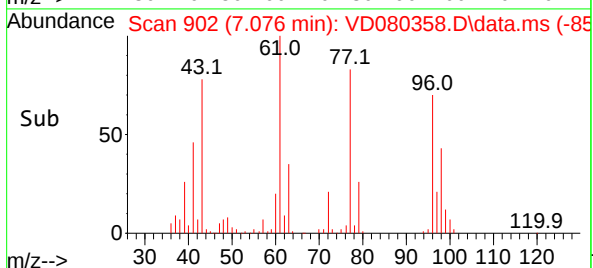
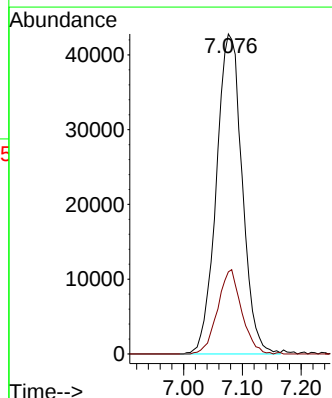
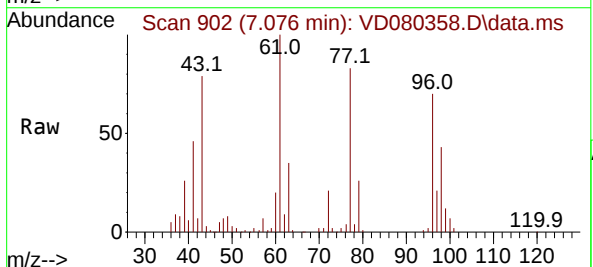
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

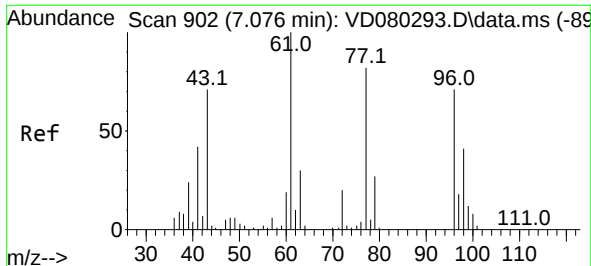
Tgt Ion: 43 Resp: 119208
Ion Ratio Lower Upper
43 100
72 26.3 22.3 33.5



#26
2,2-Dichloropropane
Concen: 47.346 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 77 Resp: 130387
Ion Ratio Lower Upper
77 100
97 24.5 11.9 35.9

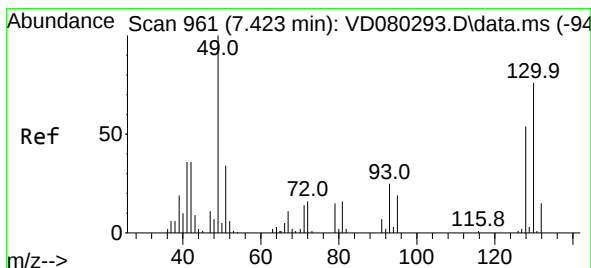
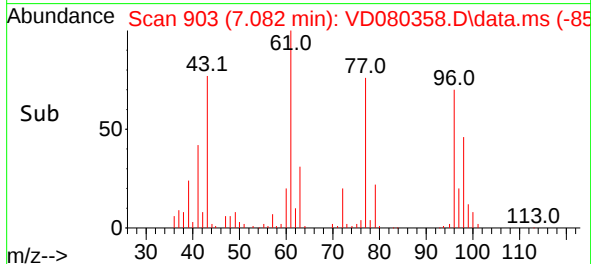
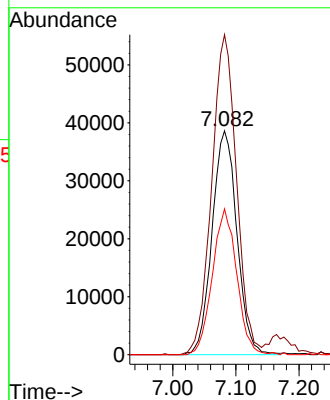
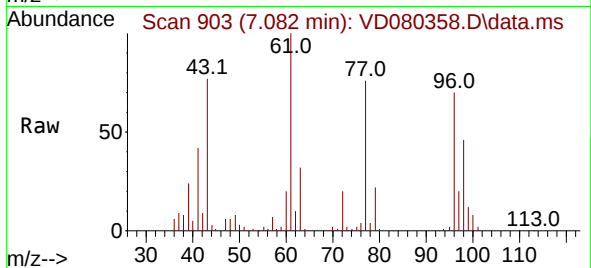




#27
 cis-1,2-Dichloroethene
 Concen: 51.687 ug/l
 RT: 7.082 min Scan# 90
 Delta R.T. 0.001 min
 Lab File: VD080358.D
 Acq: 15 May 2025 19:28

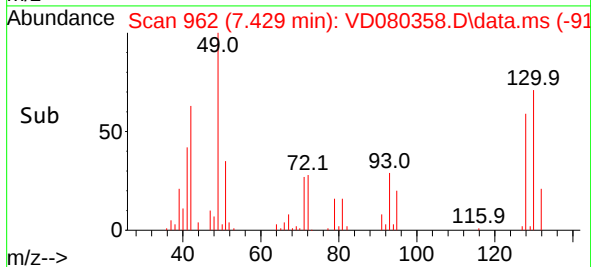
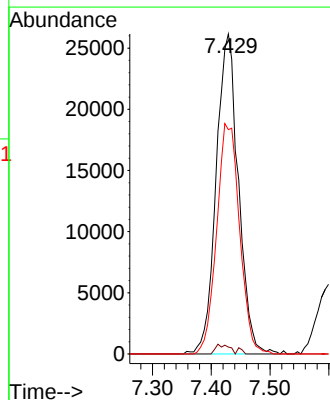
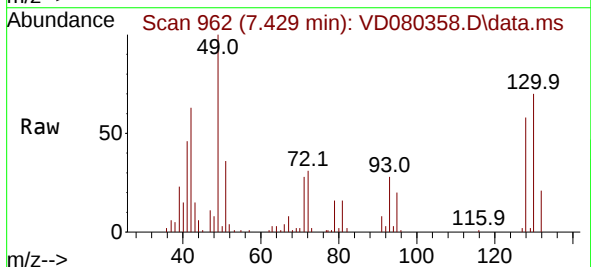
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

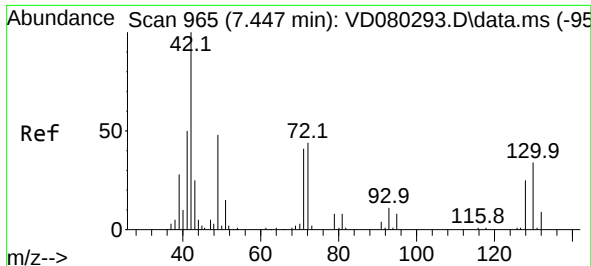
Tgt Ion: 96 Resp: 105613
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 278.2
 98 63.7 0.0 127.8



#28
 Bromochloromethane
 Concen: 42.652 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.001 min
 Lab File: VD080358.D
 Acq: 15 May 2025 19:28

Tgt Ion: 49 Resp: 68731
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 2.2
 130 74.2 64.6 97.0





#29

Tetrahydrofuran

Concen: 245.266 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.001 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

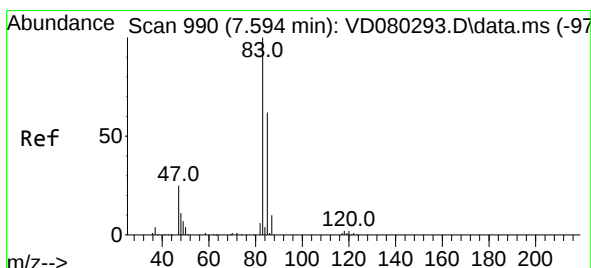
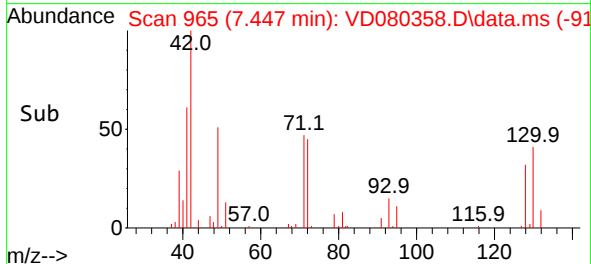
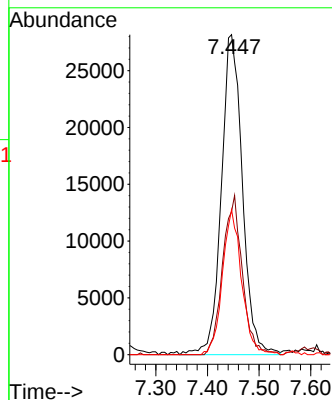
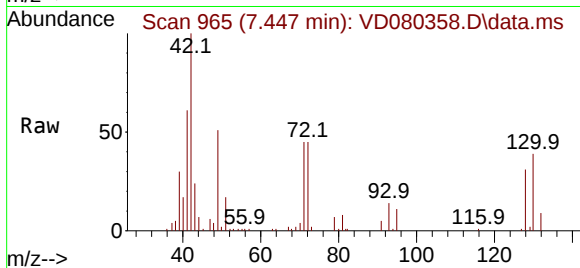
Tgt Ion: 42 Resp: 79776

Ion Ratio Lower Upper

42 100

72 46.4 36.7 55.1

71 41.5 34.4 51.6



#30

Chloroform

Concen: 50.258 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.005 min

Lab File: VD080358.D

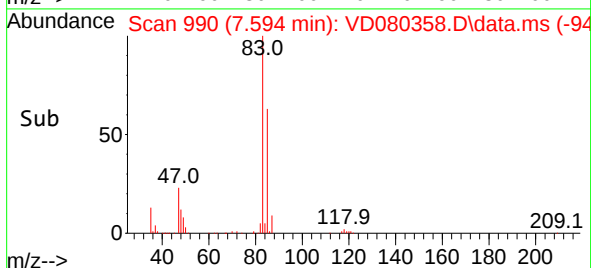
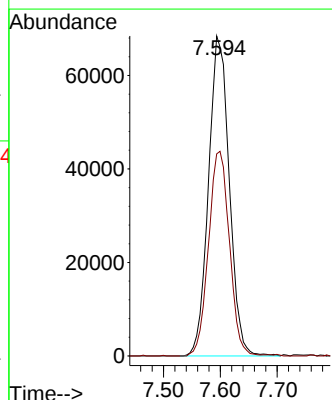
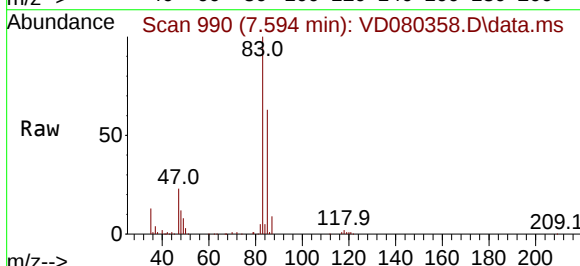
Acq: 15 May 2025 19:28

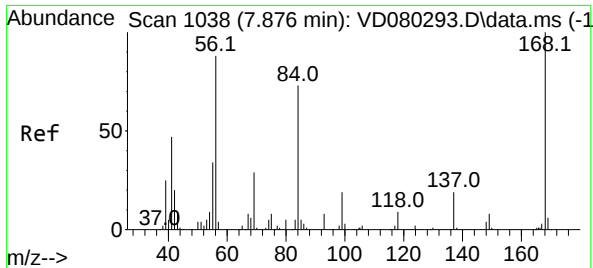
Tgt Ion: 83 Resp: 173456

Ion Ratio Lower Upper

83 100

85 63.2 50.8 76.2

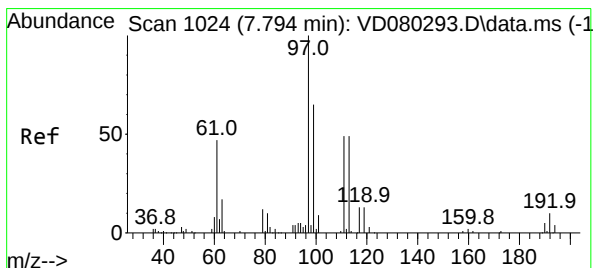
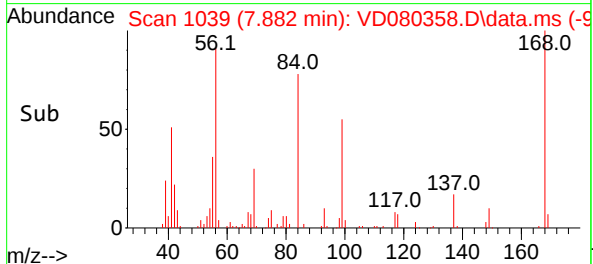
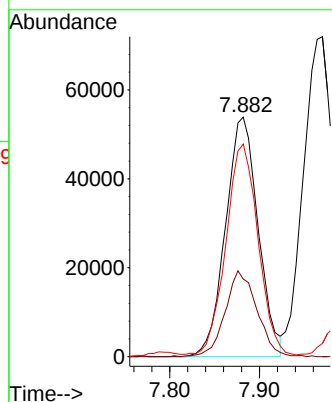
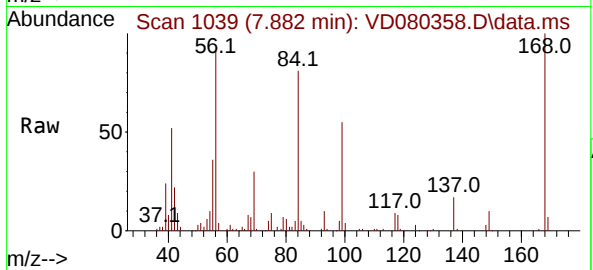




#31
Cyclohexane
Concen: 46.184 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

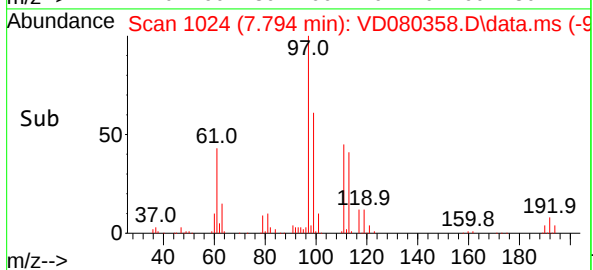
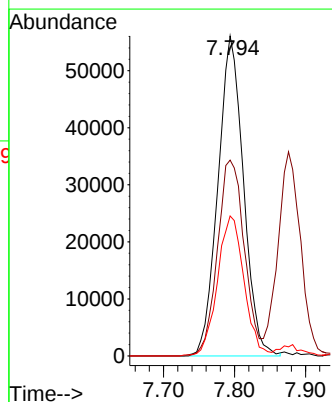
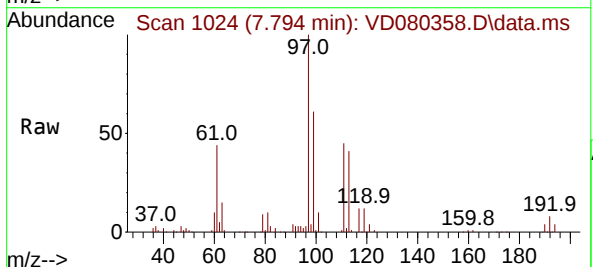
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

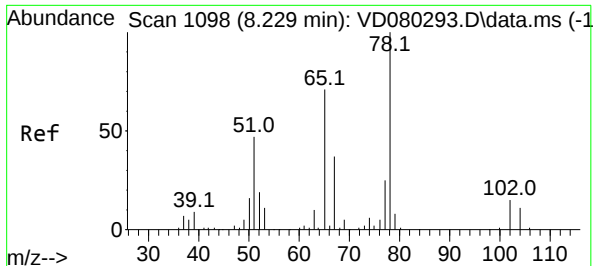
Tgt Ion: 56 Resp: 136037
Ion Ratio Lower Upper
56 100
69 32.4 27.3 40.9
84 87.7 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 49.692 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 97 Resp: 139923
Ion Ratio Lower Upper
97 100
99 64.0 50.7 76.1
61 45.4 34.2 51.2

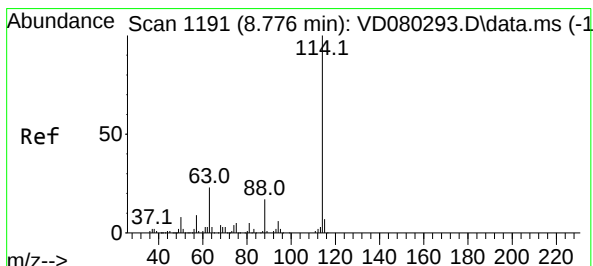
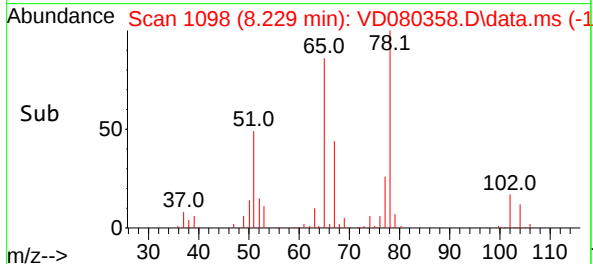
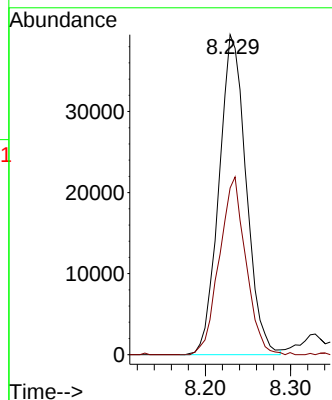
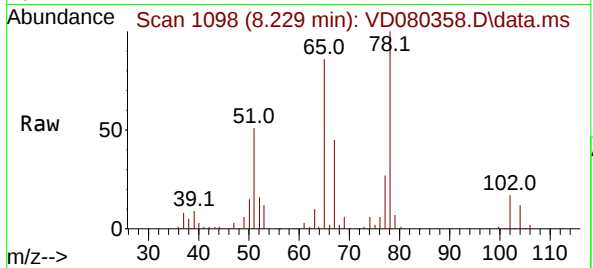




#33
 1,2-Dichloroethane-d4
 Concen: 48.276 ug/l
 RT: 8.229 min Scan# 1098
 Delta R.T. 0.001 min
 Lab File: VD080358.D
 Acq: 15 May 2025 19:28

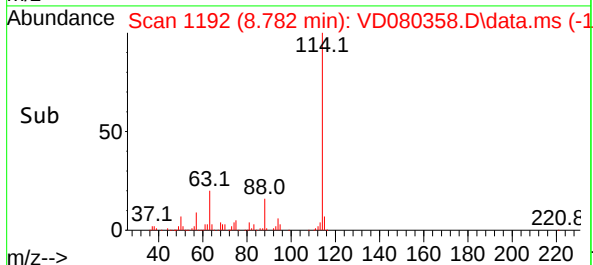
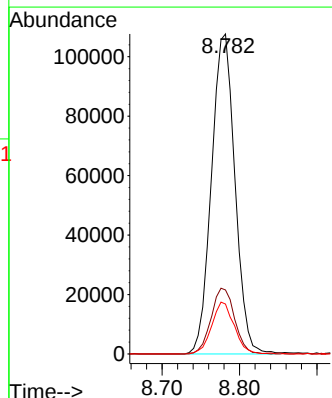
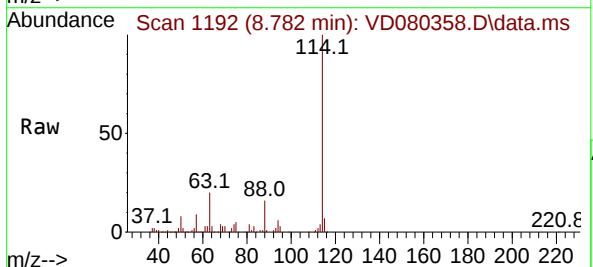
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

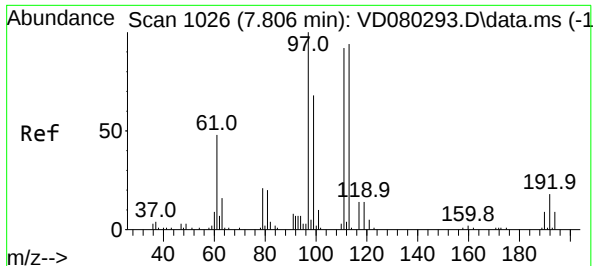
Tgt Ion: 65 Resp: 87529
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.782 min Scan# 1192
 Delta R.T. 0.007 min
 Lab File: VD080358.D
 Acq: 15 May 2025 19:28

Tgt Ion: 114 Resp: 226662
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.8
 88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.952 ug/l

RT: 7.811 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

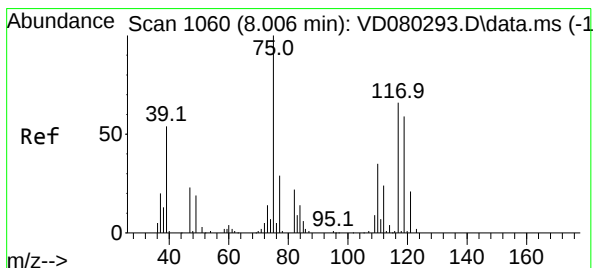
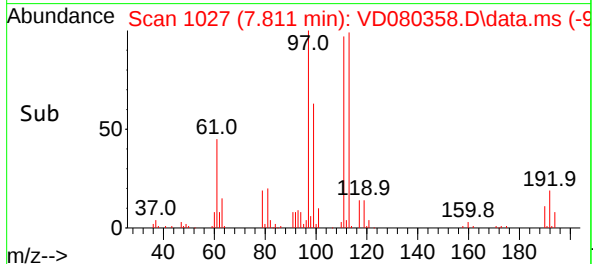
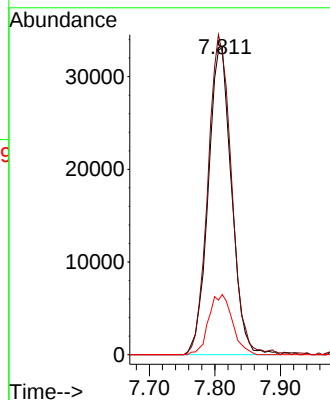
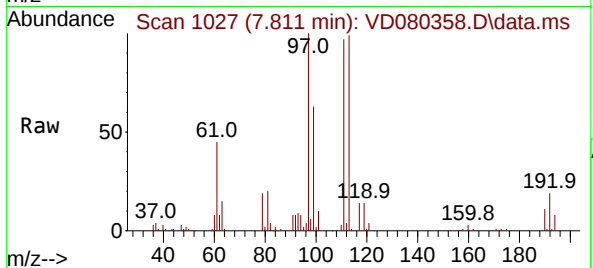
Tgt Ion:113 Resp: 81963

Ion Ratio Lower Upper

113 100

111 105.1 82.5 123.7

192 19.9 16.6 25.0



#36

1,1-Dichloropropene

Concen: 53.415 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

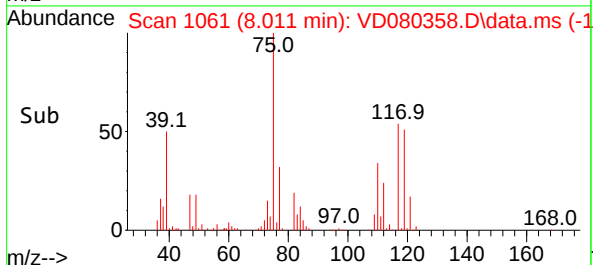
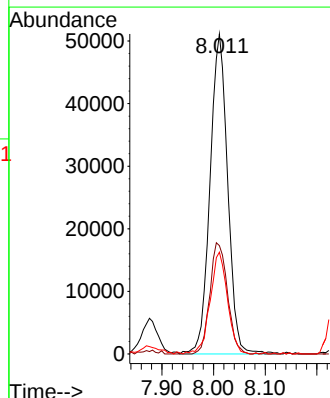
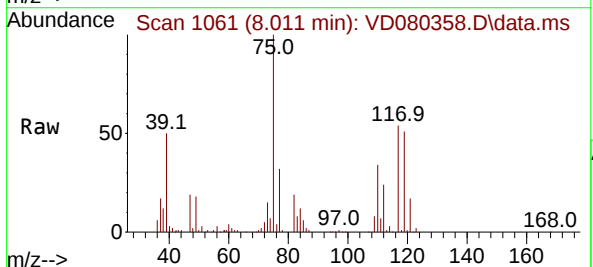
Tgt Ion: 75 Resp: 121276

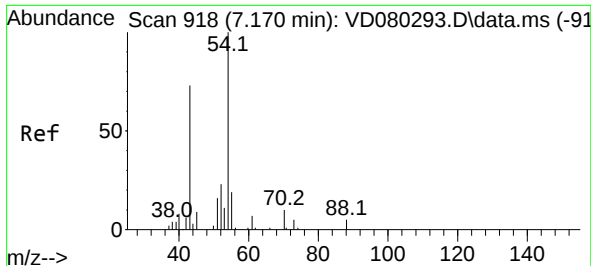
Ion Ratio Lower Upper

75 100

110 34.6 18.4 55.0

77 31.2 25.6 38.4

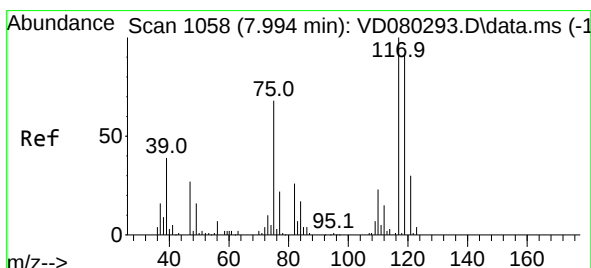
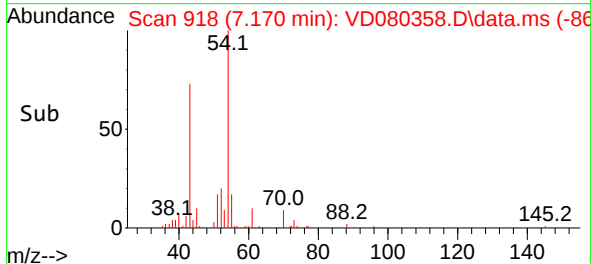
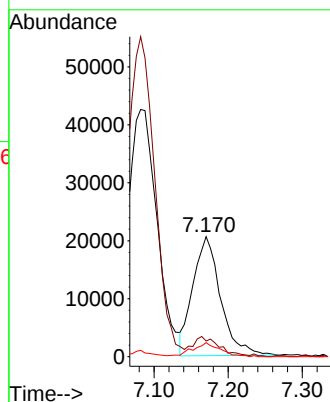
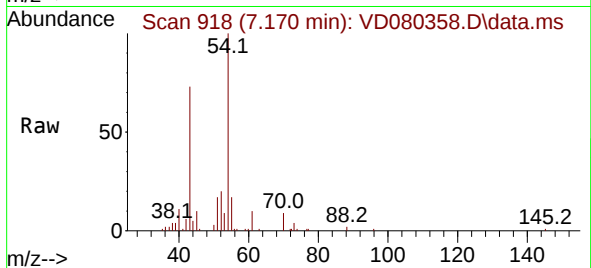




#37
Ethyl Acetate
Concen: 44.965 ug/l
RT: 7.170 min Scan# 918
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

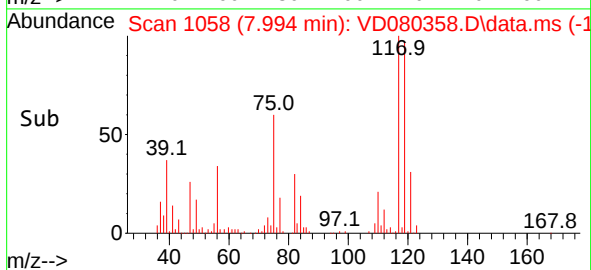
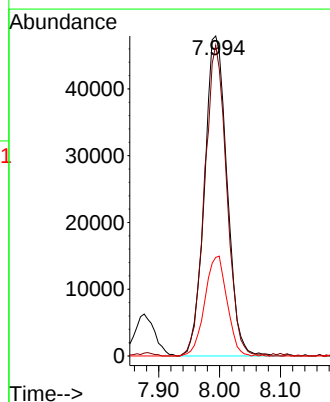
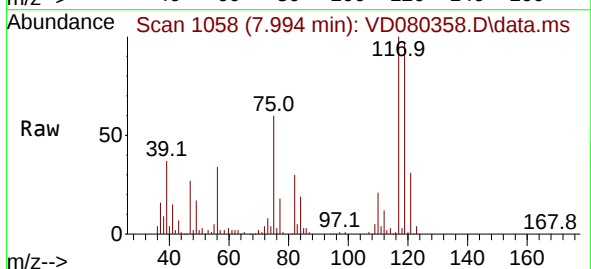
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

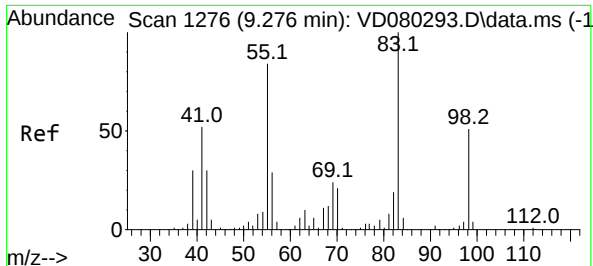
Tgt Ion: 43 Resp: 53384
Ion Ratio Lower Upper
43 100
61 14.8 11.0 16.4
70 11.8 9.4 14.2



#38
Carbon Tetrachloride
Concen: 52.014 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 117 Resp: 123160
Ion Ratio Lower Upper
117 100
119 97.0 73.4 110.0
121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 52.961 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

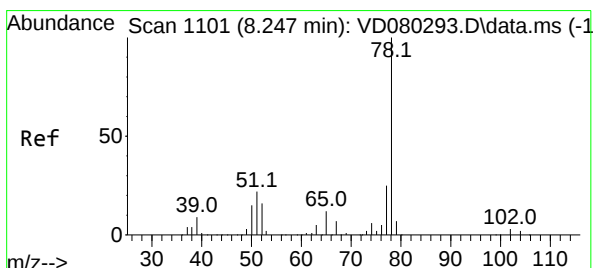
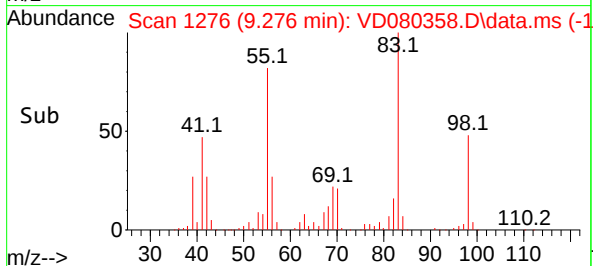
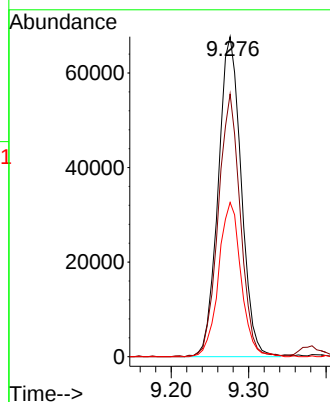
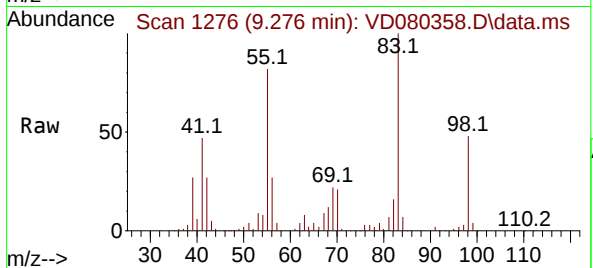
Tgt Ion: 83 Resp: 139531

Ion Ratio Lower Upper

83 100

55 81.8 62.0 93.0

98 48.2 38.7 58.1



#40

Benzene

Concen: 51.905 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080358.D

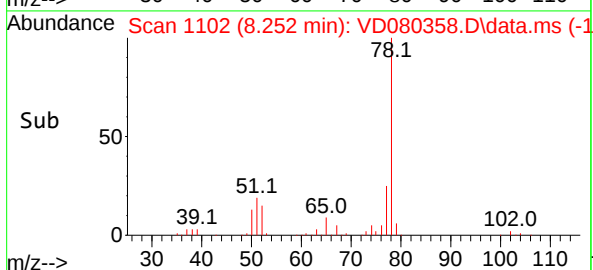
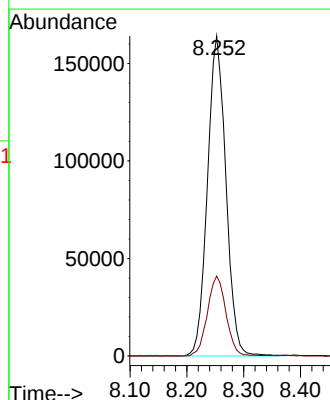
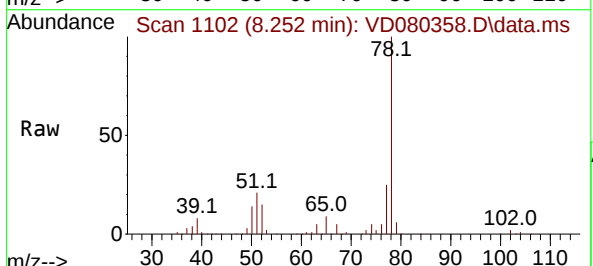
Acq: 15 May 2025 19:28

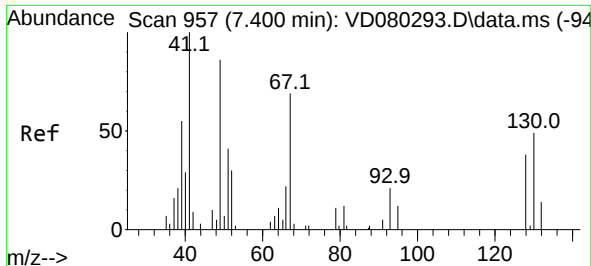
Tgt Ion: 78 Resp: 369255

Ion Ratio Lower Upper

78 100

77 25.0 20.2 30.4

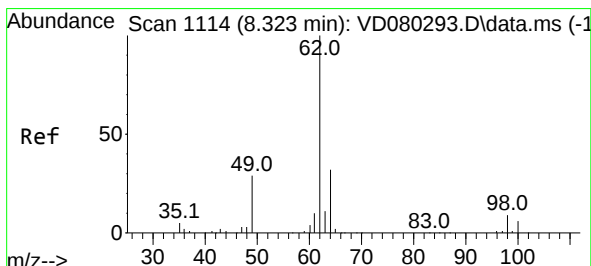
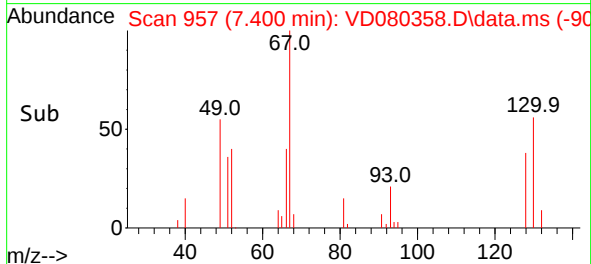
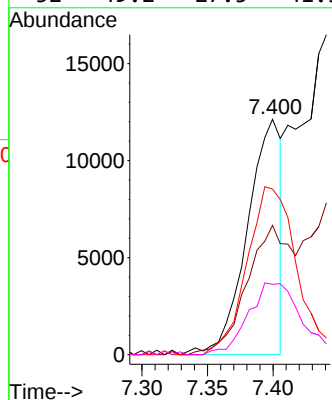
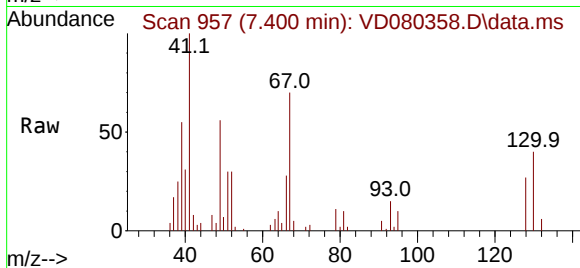




#41
Methacrylonitrile
Concen: 33.422 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

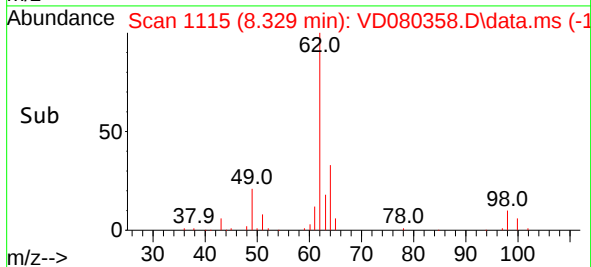
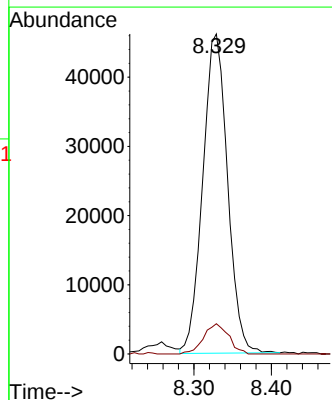
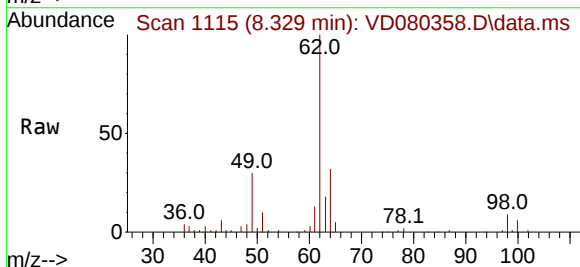
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

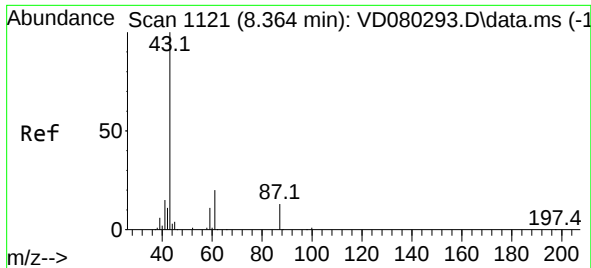
Tgt Ion:	41	Resp:	21959
Ion	Ratio	Lower	Upper
41	100		
39	72.8	47.8	71.8#
67	105.4	64.9	97.3#
52	49.2	27.5	41.3#



#42
1,2-Dichloroethane
Concen: 49.706 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion:	62	Resp:	102466
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8

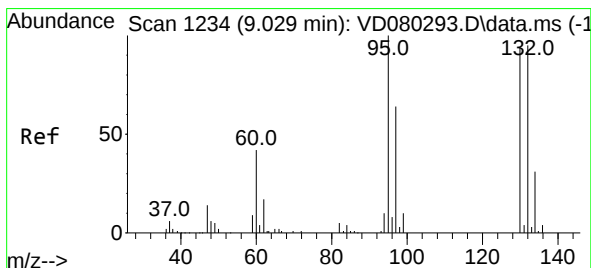
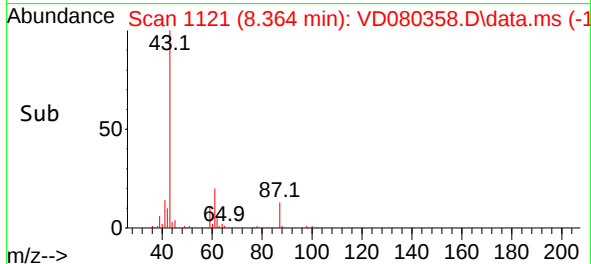
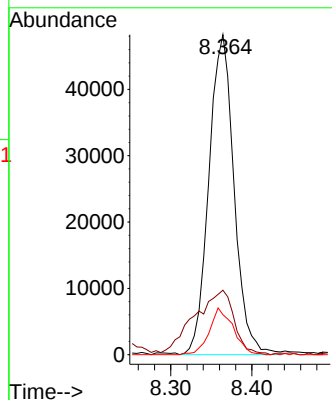
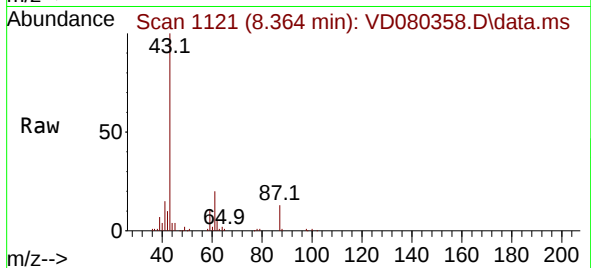




#43
Isopropyl Acetate
Concen: 48.342 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

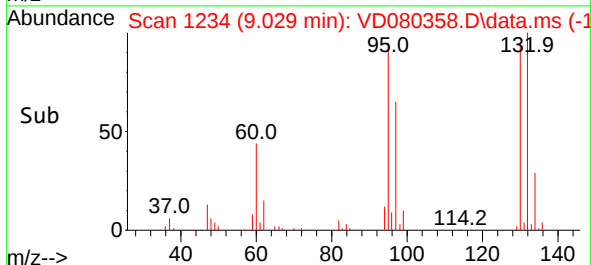
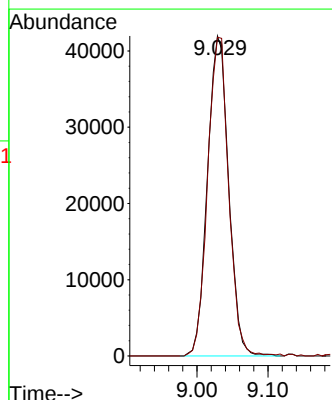
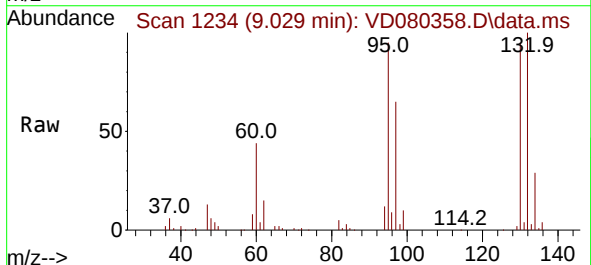
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

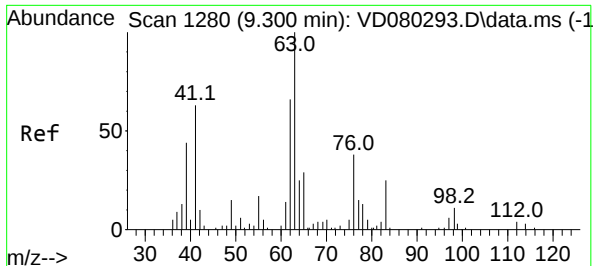
Tgt Ion: 43 Resp: 104075
Ion Ratio Lower Upper
43 100
61 31.8 26.2 39.2
87 13.9 11.8 17.8



#44
Trichloroethene
Concen: 52.573 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion:130 Resp: 86819
Ion Ratio Lower Upper
130 100
95 99.6 0.0 194.6





#45

1,2-Dichloropropane

Concen: 51.338 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

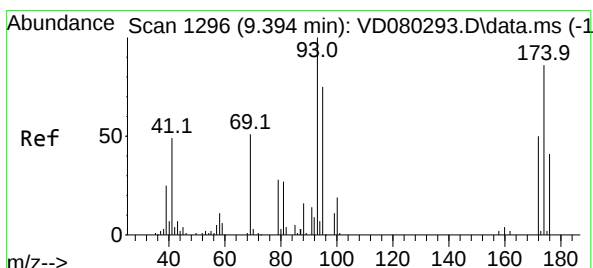
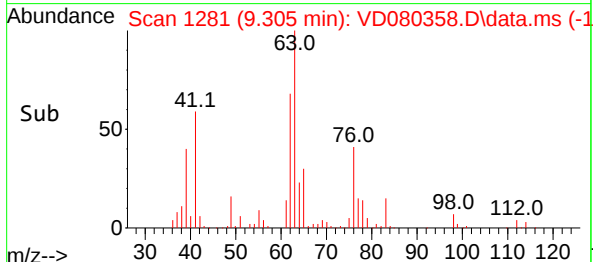
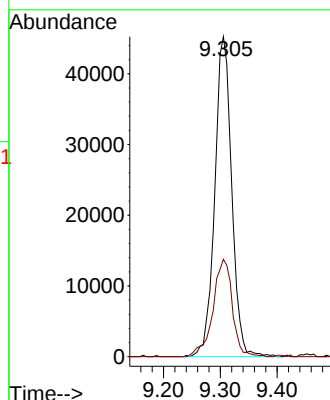
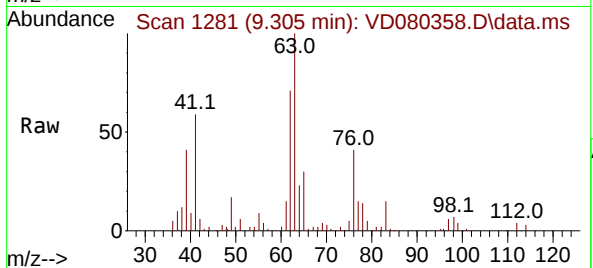
VSTDCCC050EC

Tgt Ion: 63 Resp: 93667

Ion Ratio Lower Upper

63 100

65 30.4 26.2 39.4



#46

Dibromomethane

Concen: 52.687 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.001 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

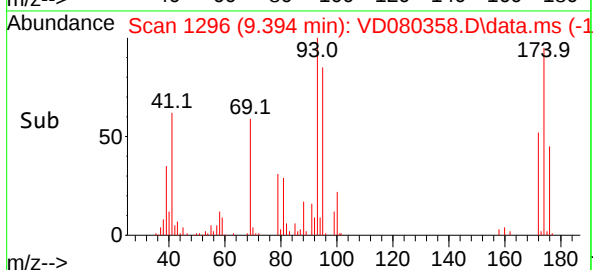
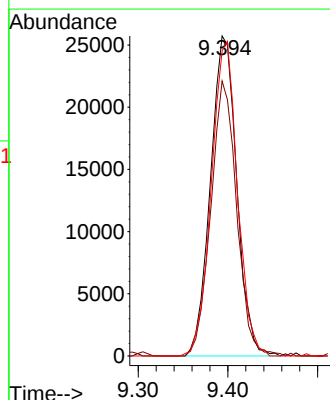
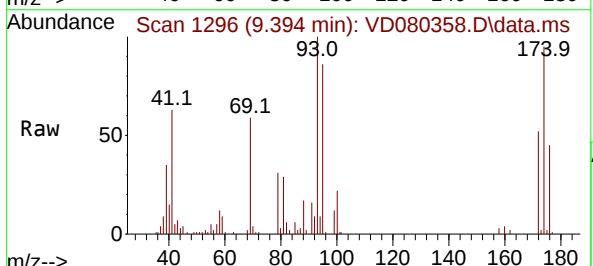
Tgt Ion: 93 Resp: 52337

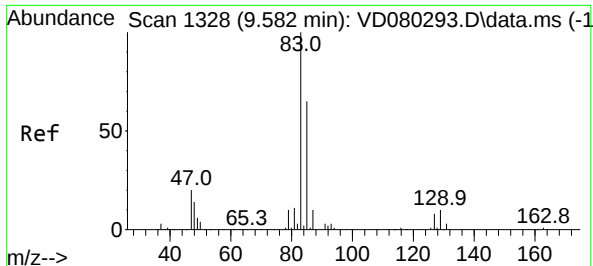
Ion Ratio Lower Upper

93 100

95 84.5 67.9 101.9

174 97.5 80.5 120.7





#47

Bromodichloromethane

Concen: 52.666 ug/l

RT: 9.582 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

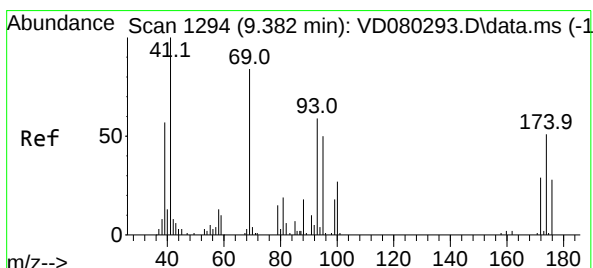
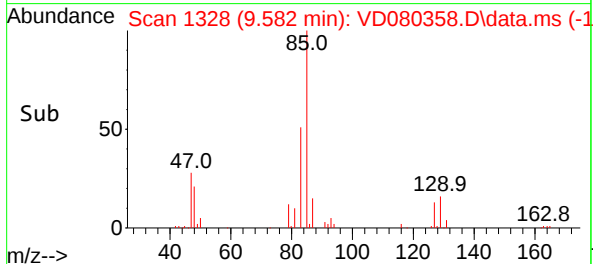
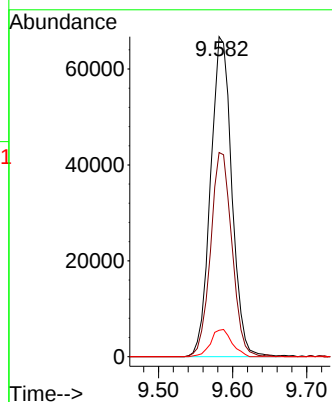
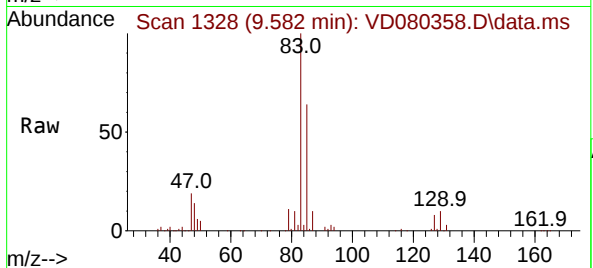
Tgt Ion: 83 Resp: 132788

Ion Ratio Lower Upper

83 100

85 63.8 50.6 75.8

127 8.3 6.1 9.1



#48

Methyl methacrylate

Concen: 52.332 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.001 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

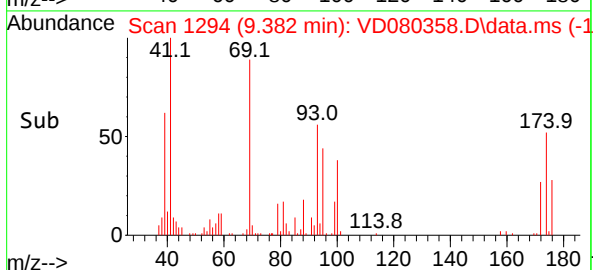
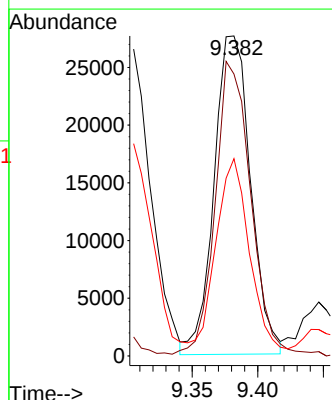
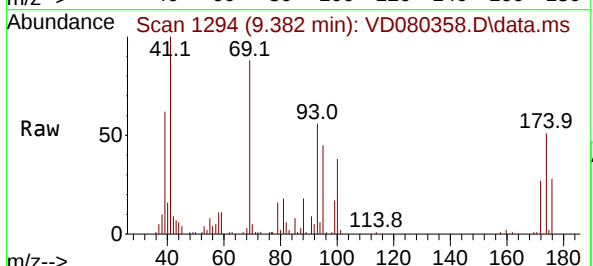
Tgt Ion: 41 Resp: 53532

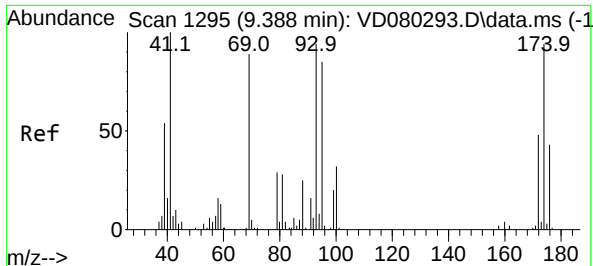
Ion Ratio Lower Upper

41 100

69 90.6 74.0 111.0

39 53.0 41.9 62.9





#49

1,4-Dioxane

Concen: 1015.135 ug/l

RT: 9.382 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

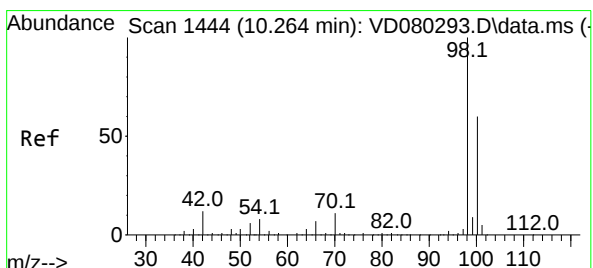
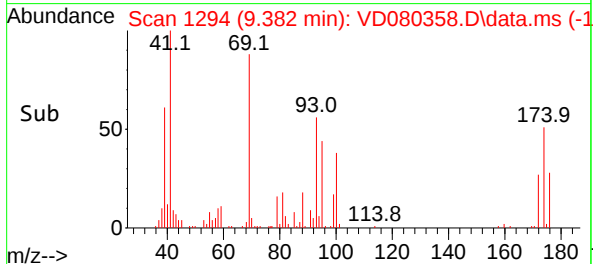
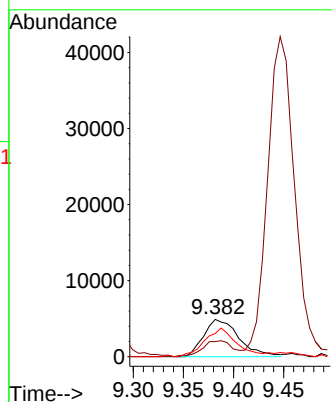
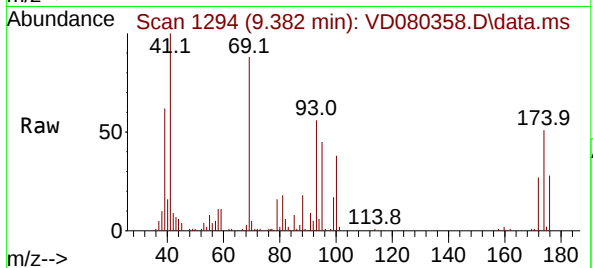
Tgt Ion: 88 Resp: 11989

Ion Ratio Lower Upper

88 100

43 38.4 29.1 43.7

58 67.8 59.9 89.9



#50

Toluene-d8

Concen: 53.226 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080358.D

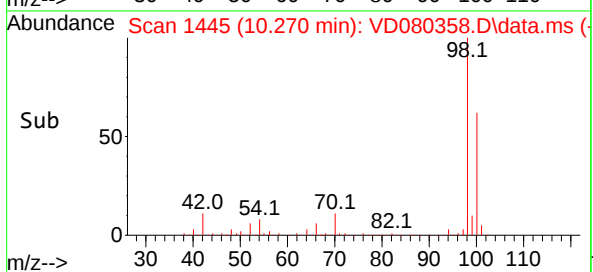
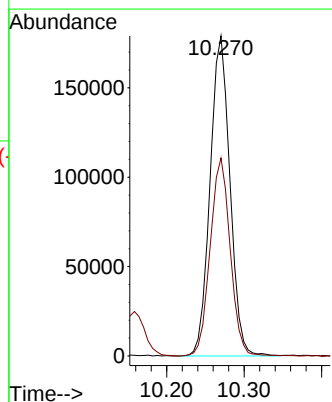
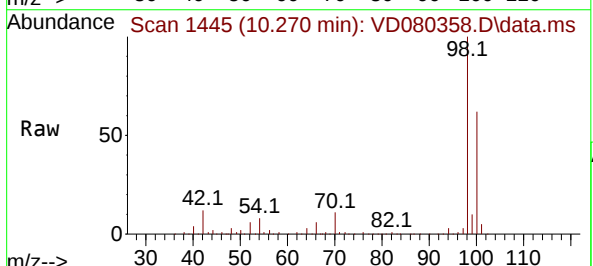
Acq: 15 May 2025 19:28

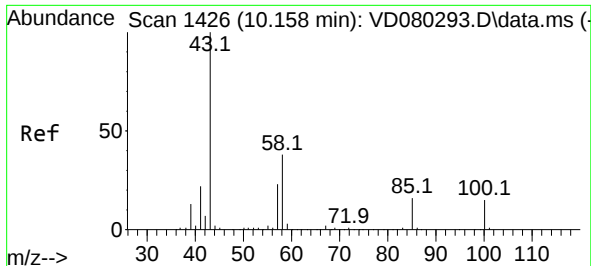
Tgt Ion: 98 Resp: 318596

Ion Ratio Lower Upper

98 100

100 62.5 50.2 75.4

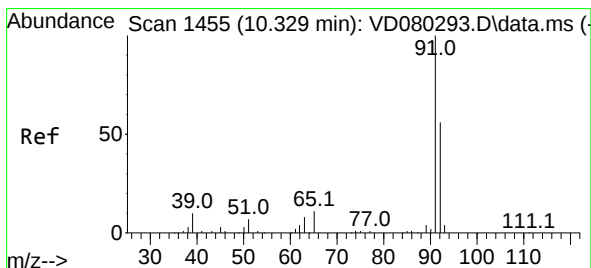
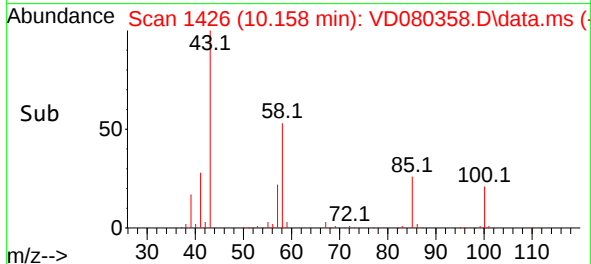
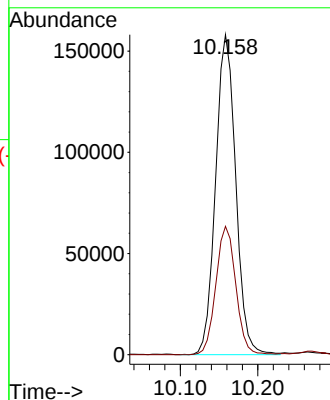
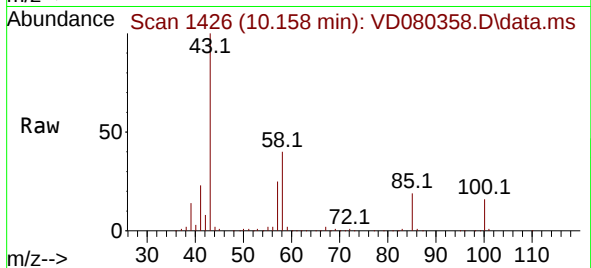




#51
4-Methyl-2-Pentanone
Concen: 257.156 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

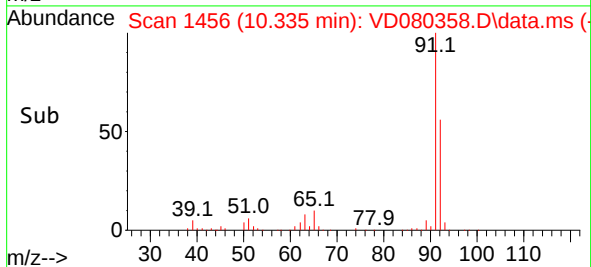
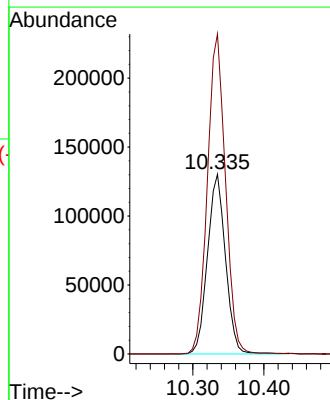
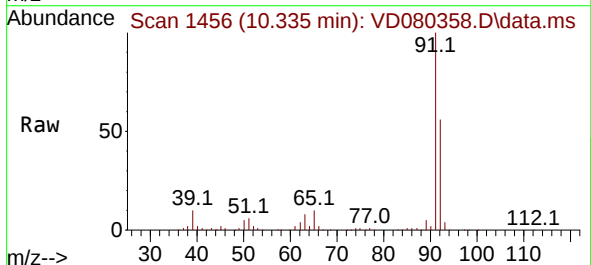
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

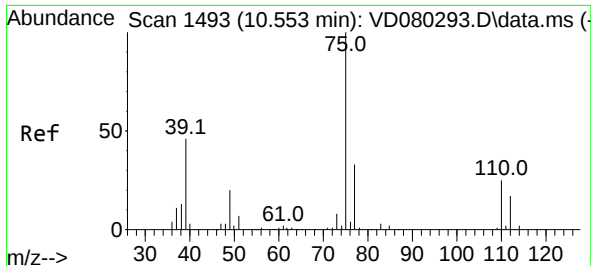
Tgt Ion: 43 Resp: 285255
Ion Ratio Lower Upper
43 100
58 39.7 32.8 49.2



#52
Toluene
Concen: 53.473 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 92 Resp: 229176
Ion Ratio Lower Upper
92 100
91 179.2 139.3 208.9

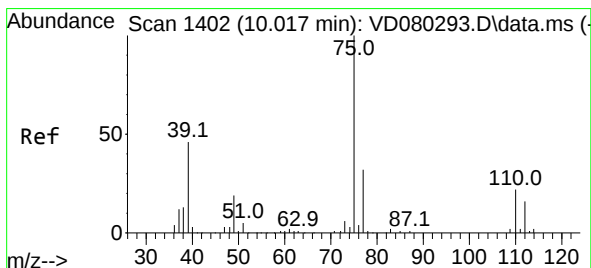
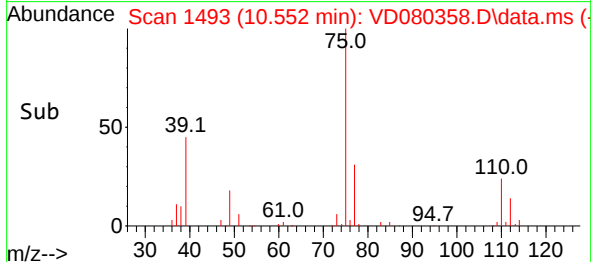
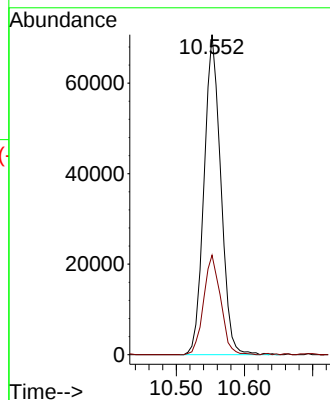
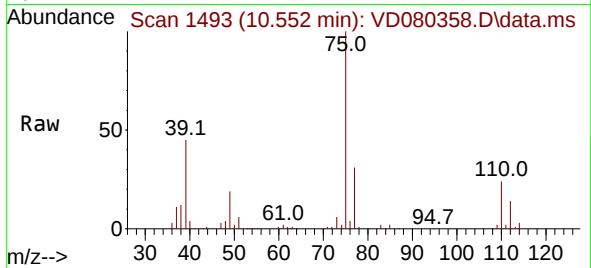




#53
t-1,3-Dichloropropene
Concen: 52.534 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

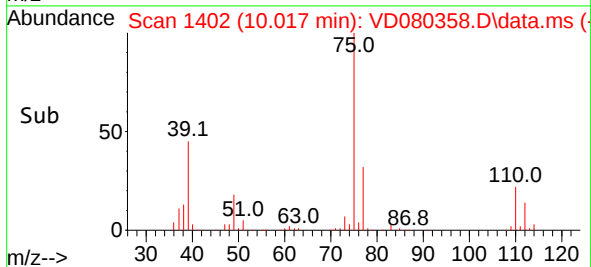
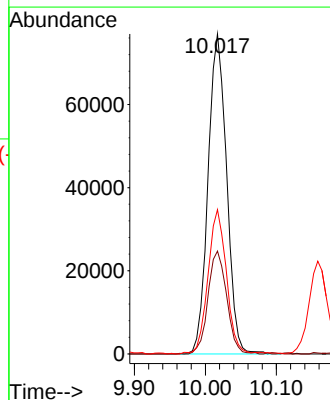
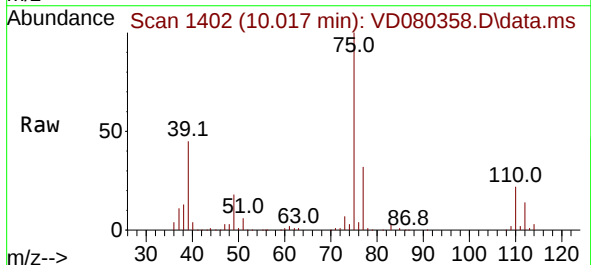
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

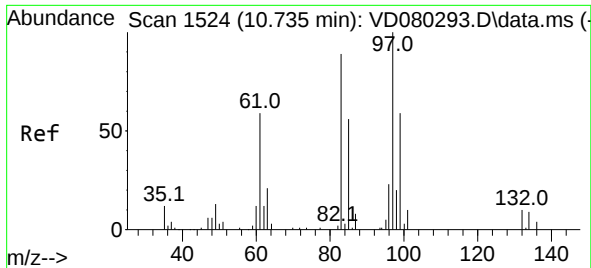
Tgt Ion: 75 Resp: 120751
Ion Ratio Lower Upper
75 100
77 31.1 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 52.503 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 75 Resp: 139845
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4
39 45.1 33.2 49.8

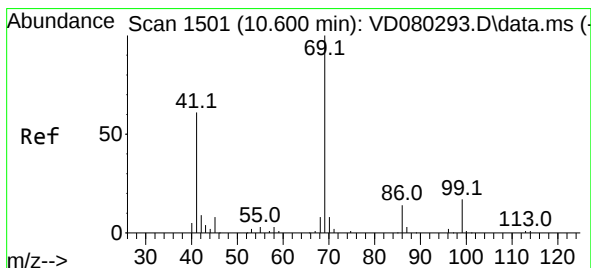
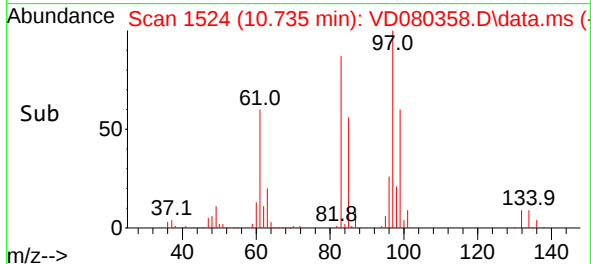
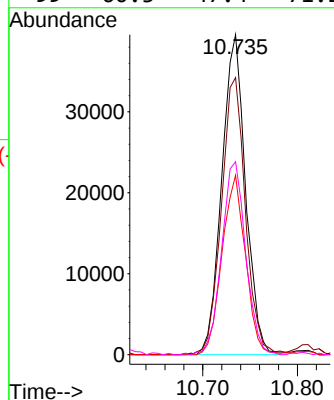
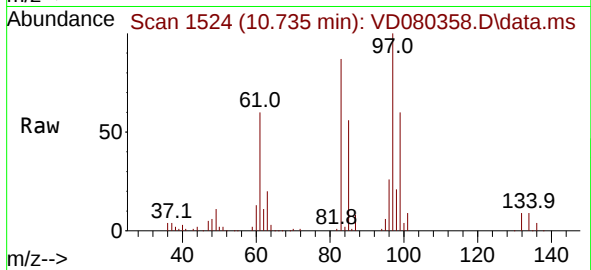




#55
1,1,2-Trichloroethane
Concen: 52.623 ug/l
RT: 10.735 min Scan# 1524
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

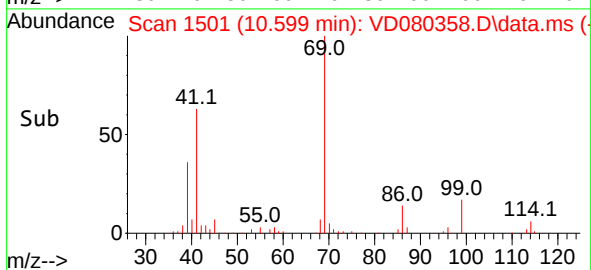
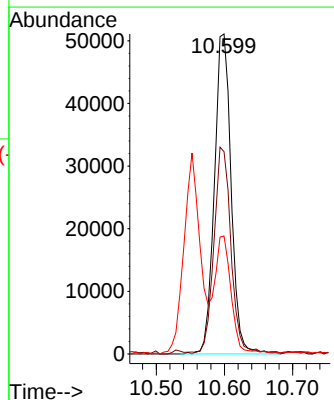
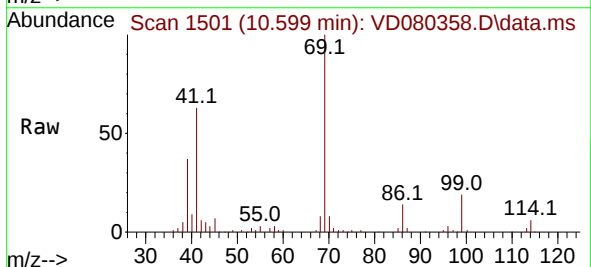
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

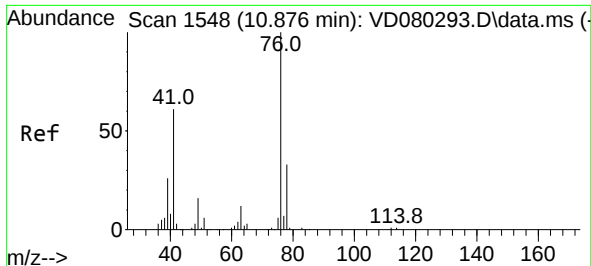
Tgt Ion:	97	Resp:	69146
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.2	103.8
85	56.1	43.0	64.6
99	60.3	47.4	71.2



#56
Ethyl methacrylate
Concen: 54.928 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion:	69	Resp:	87458
Ion	Ratio	Lower	Upper
69	100		
41	64.8	50.4	75.6
39	35.9	26.0	39.0





#57

1,3-Dichloropropane

Concen: 53.514 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.005 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

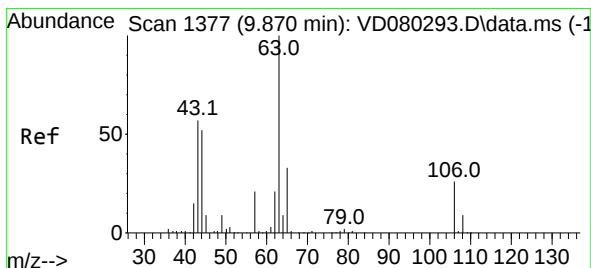
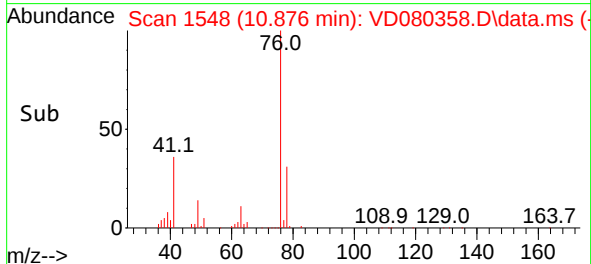
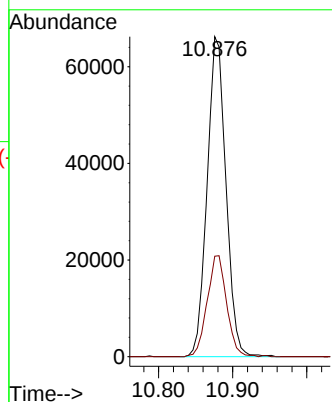
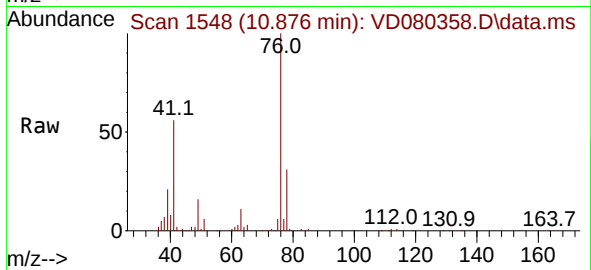
VSTDCCC050EC

Tgt Ion: 76 Resp: 116864

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 290.705 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080358.D

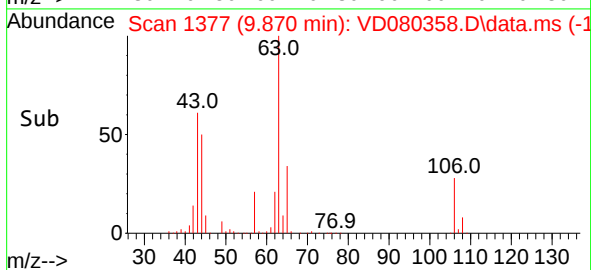
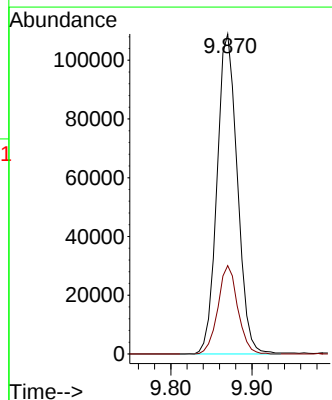
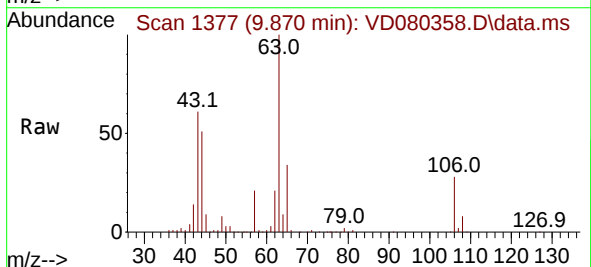
Acq: 15 May 2025 19:28

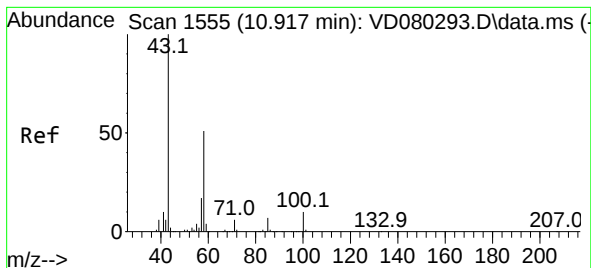
Tgt Ion: 63 Resp: 189425

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.6

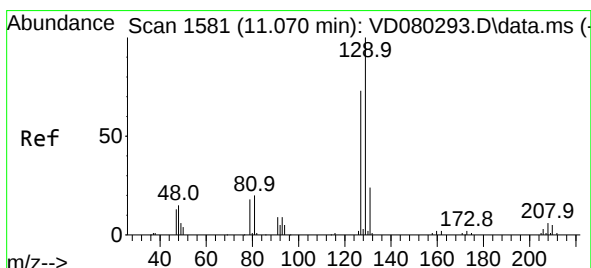
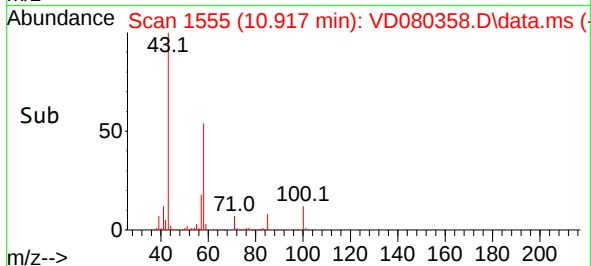
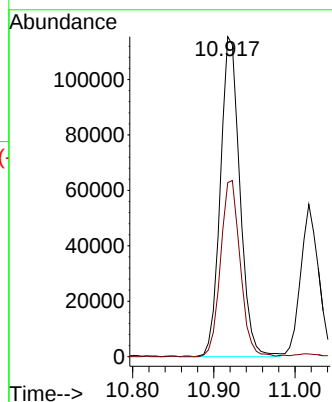
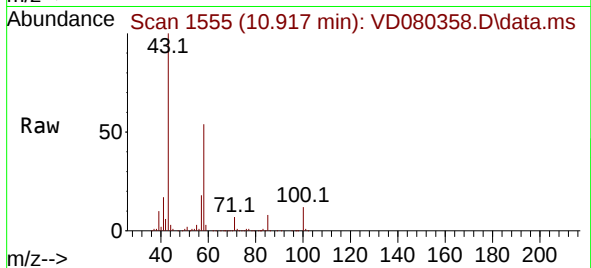




#59
2-Hexanone
Concen: 253.343 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

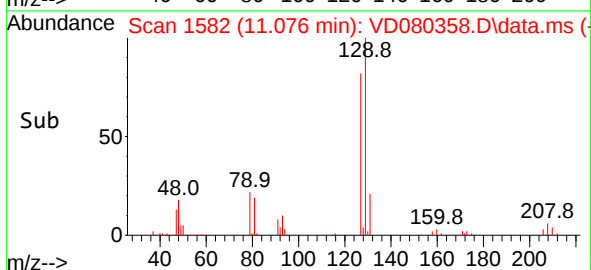
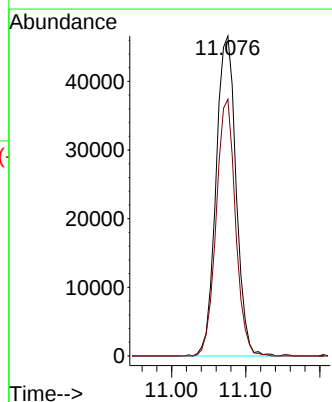
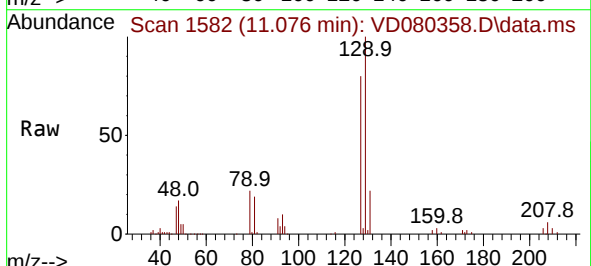
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

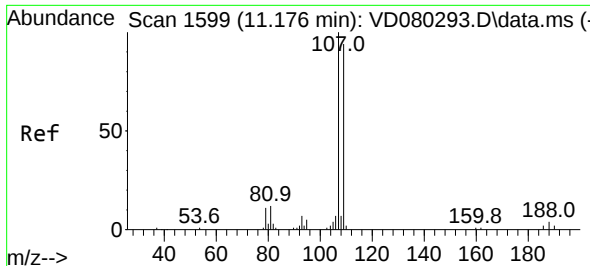
Tgt Ion: 43 Resp: 193318
Ion Ratio Lower Upper
43 100
58 55.4 27.8 83.4



#60
Dibromochloromethane
Concen: 53.146 ug/l
RT: 11.076 min Scan# 1582
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 129 Resp: 87514
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2

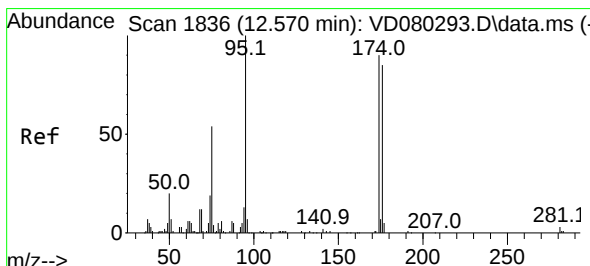
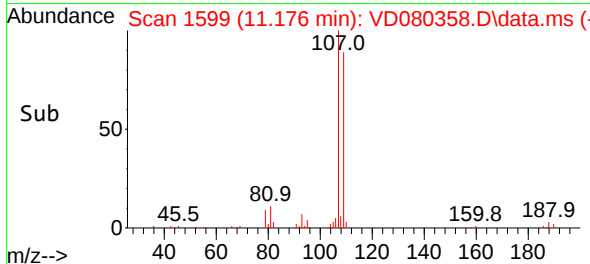
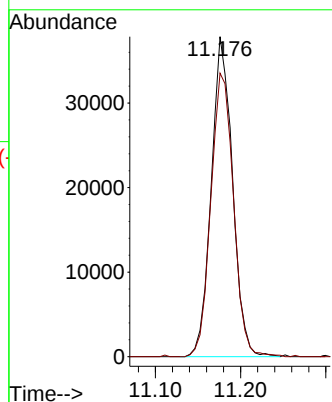
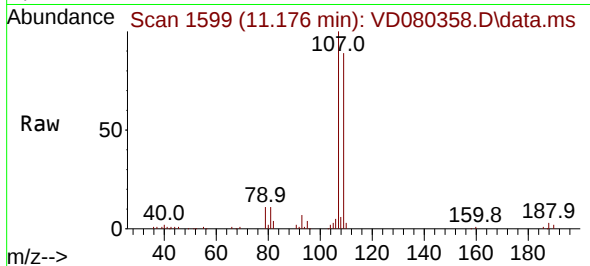




#61
1,2-Dibromoethane
Concen: 53.757 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.005 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

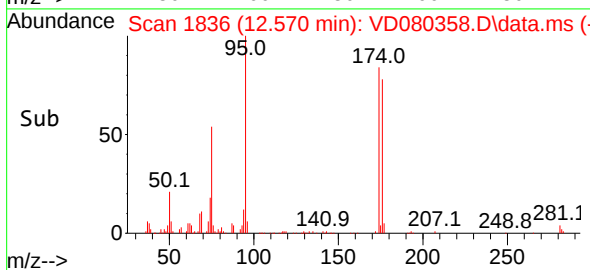
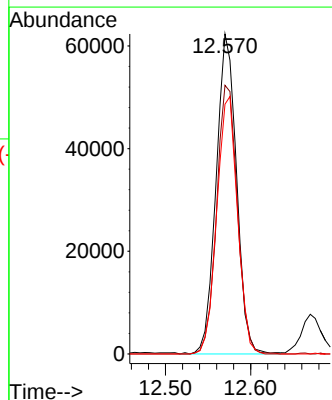
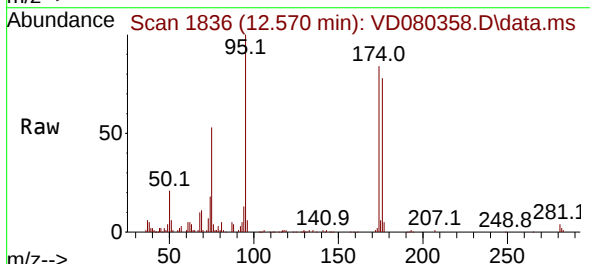
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

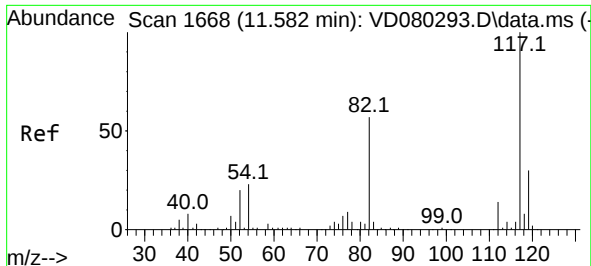
Tgt Ion:107 Resp: 65499
Ion Ratio Lower Upper
107 100
109 94.3 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 54.050 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 95 Resp: 103843
Ion Ratio Lower Upper
95 100
174 85.2 0.0 173.4
176 81.4 0.0 166.6

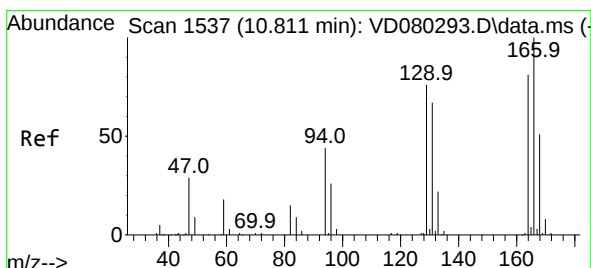
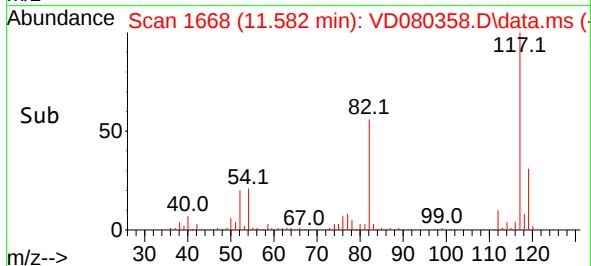
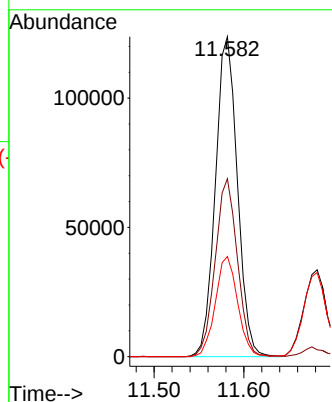
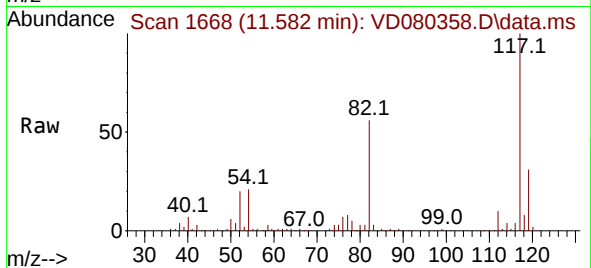




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

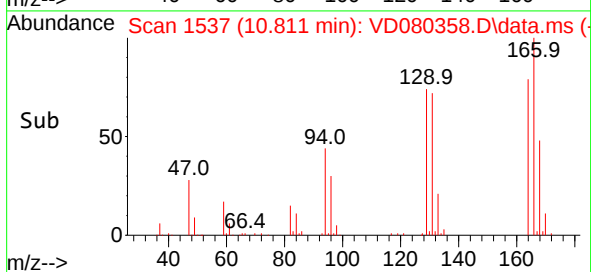
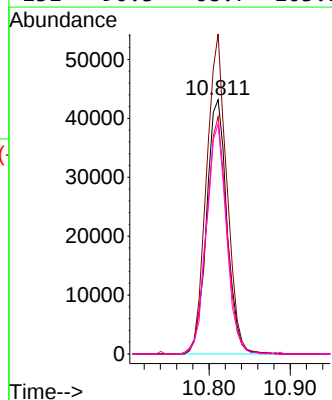
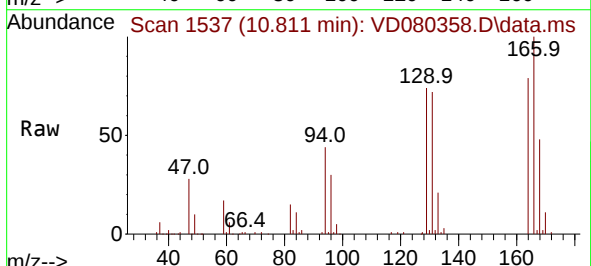
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

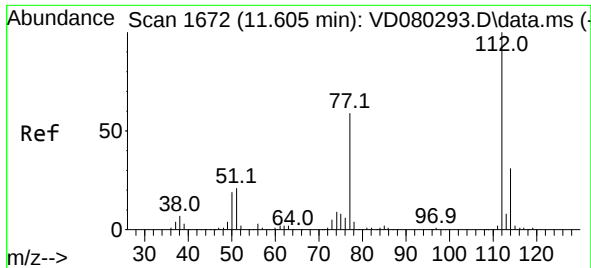
Tgt Ion:117 Resp: 210667
Ion Ratio Lower Upper
117 100
82 55.6 45.8 68.6
119 31.3 26.2 39.2



#64
Tetrachloroethene
Concen: 52.615 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion:164 Resp: 75060
Ion Ratio Lower Upper
164 100
166 125.8 97.5 146.3
129 93.3 70.6 106.0
131 90.3 68.7 103.1

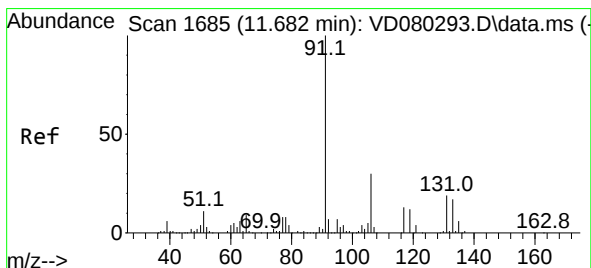
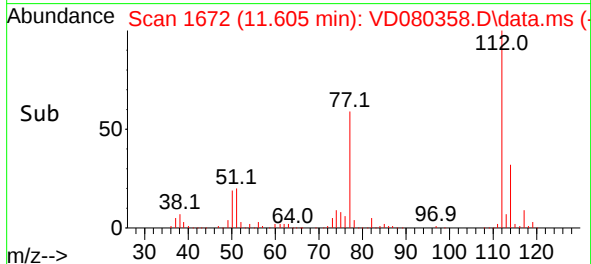
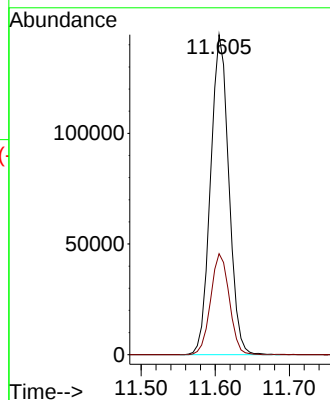
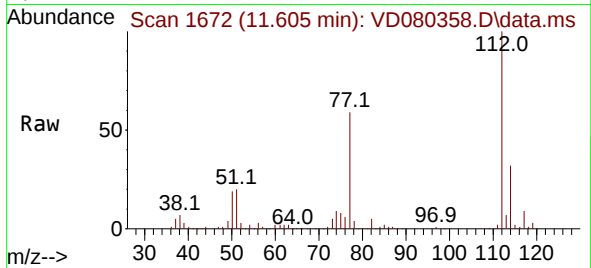




#65
Chlorobenzene
Concen: 52.029 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

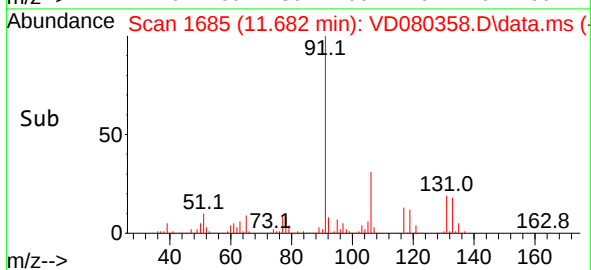
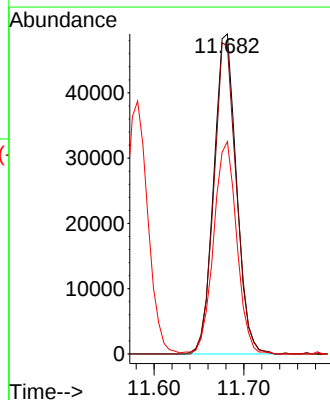
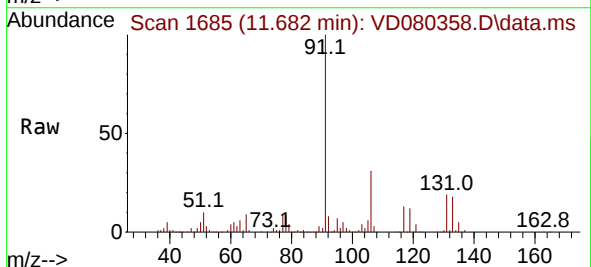
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

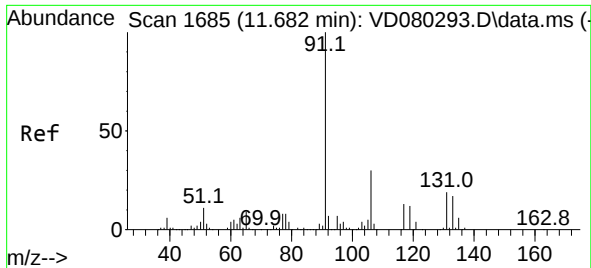
Tgt Ion:112 Resp: 247490
Ion Ratio Lower Upper
112 100
114 31.5 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.520 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion:131 Resp: 85831
Ion Ratio Lower Upper
131 100
133 96.9 48.8 146.4
119 67.7 34.8 104.3

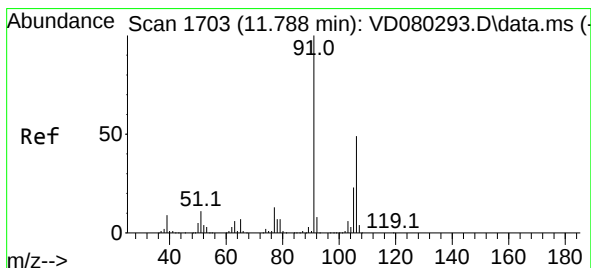
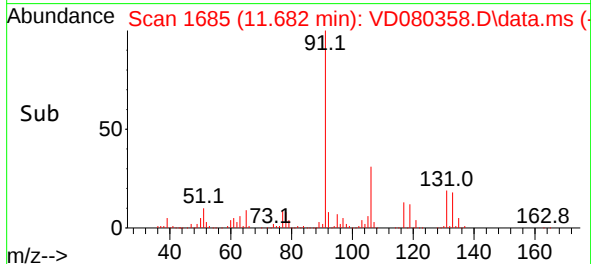
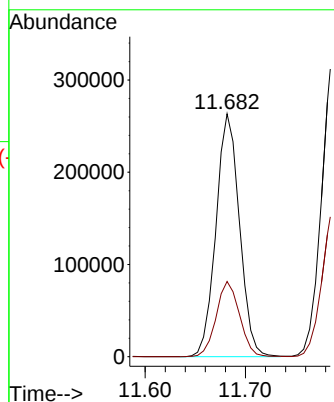
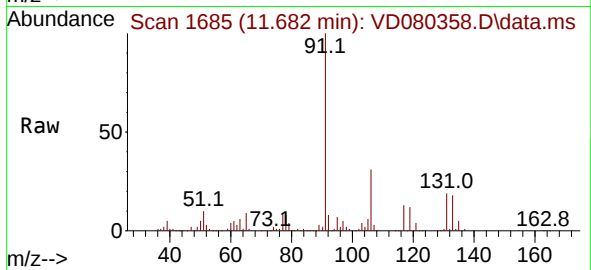




#67
Ethyl Benzene
Concen: 53.765 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

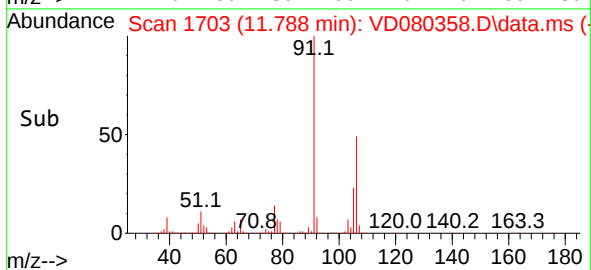
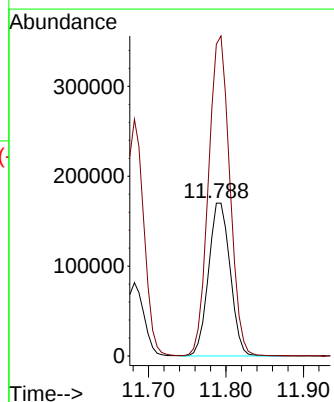
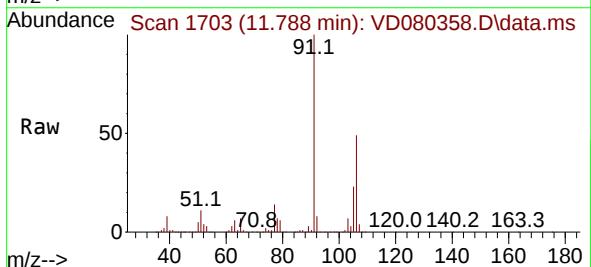
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

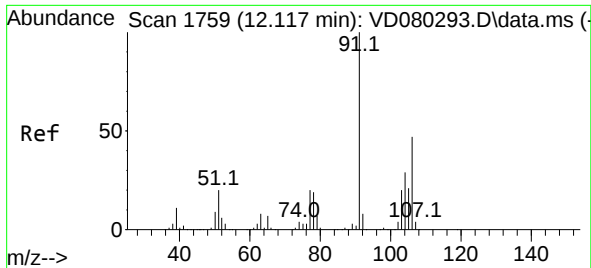
Tgt Ion: 91 Resp: 427385
Ion Ratio Lower Upper
91 100
106 31.0 23.6 35.4



#68
m/p-Xylenes
Concen: 107.074 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 106 Resp: 330486
Ion Ratio Lower Upper
106 100
91 205.7 162.6 244.0

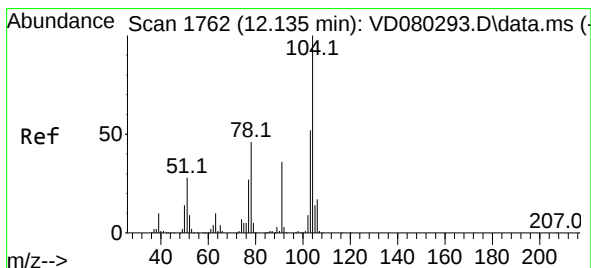
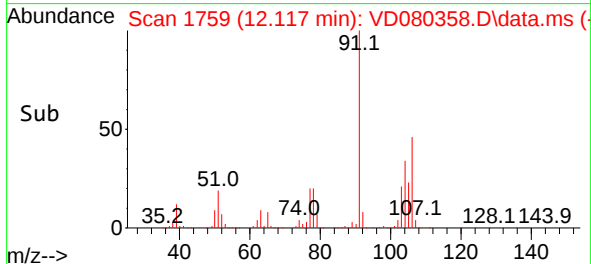
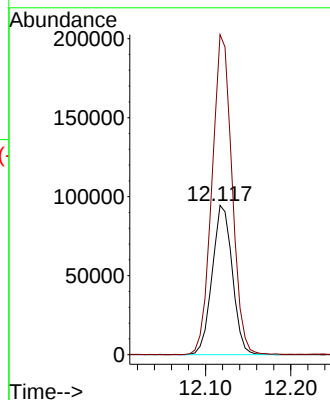
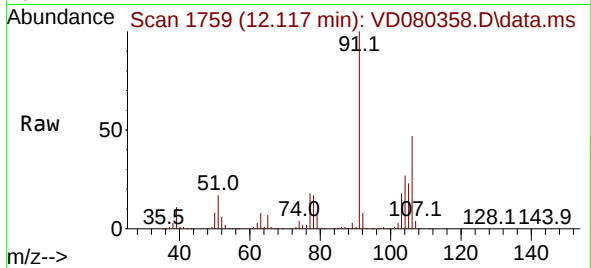




#69
o-Xylene
Concen: 54.955 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

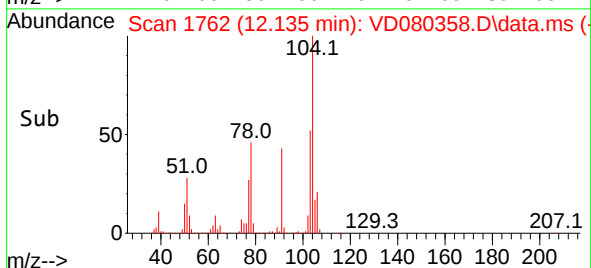
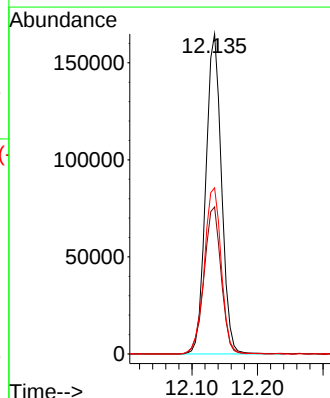
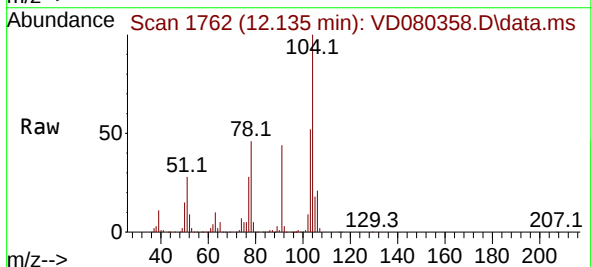
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

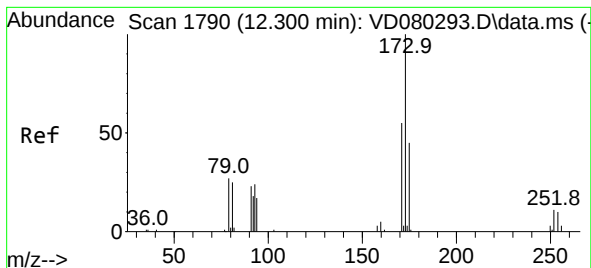
Tgt Ion:106 Resp: 154998
Ion Ratio Lower Upper
106 100
91 213.9 110.5 331.5



#70
Styrene
Concen: 54.164 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion:104 Resp: 274314
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.8
103 56.4 45.2 67.8





#71

Bromoform

Concen: 51.601 ug/l

RT: 12.299 min Scan# 1790

Delta R.T. 0.006 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

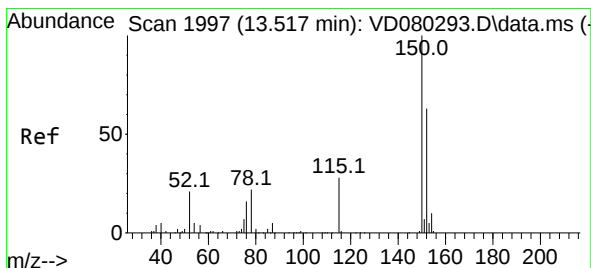
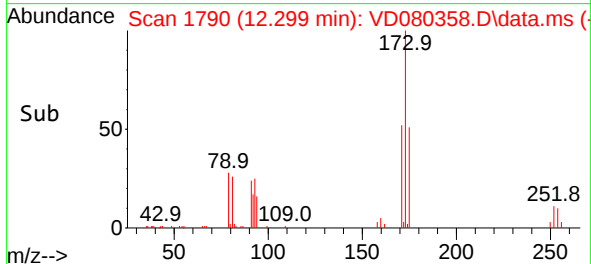
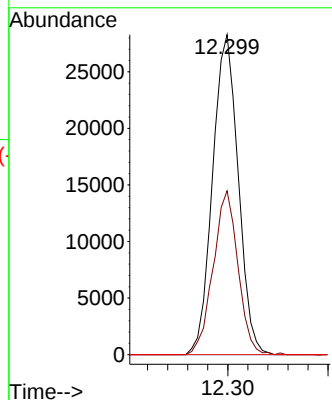
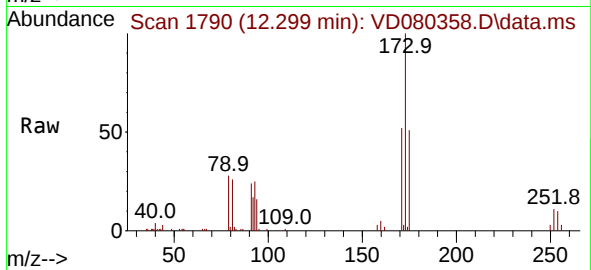
Tgt Ion:173 Resp: 50102

Ion Ratio Lower Upper

173 100

175 49.6 24.8 74.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.001 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

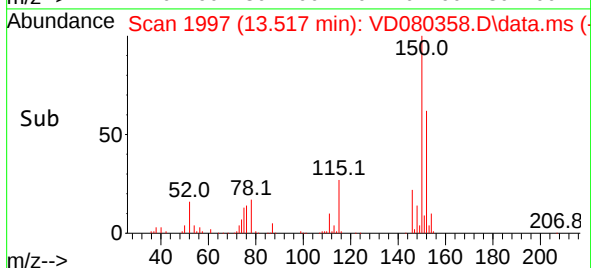
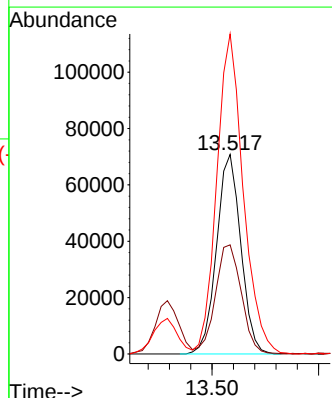
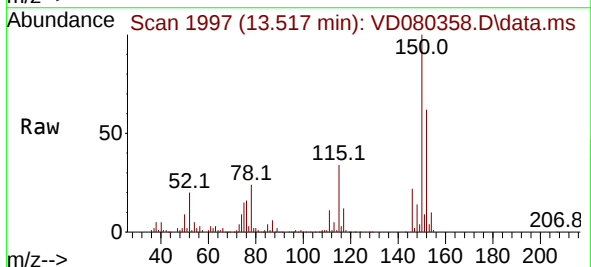
Tgt Ion:152 Resp: 111681

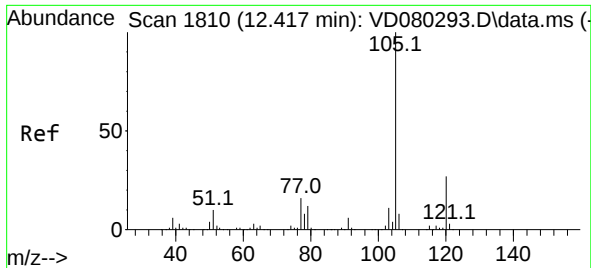
Ion Ratio Lower Upper

152 100

115 58.6 28.9 86.8

150 175.6 0.0 354.8

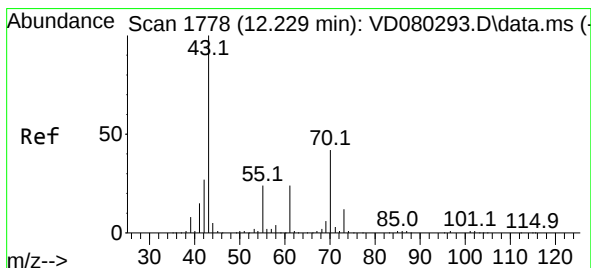
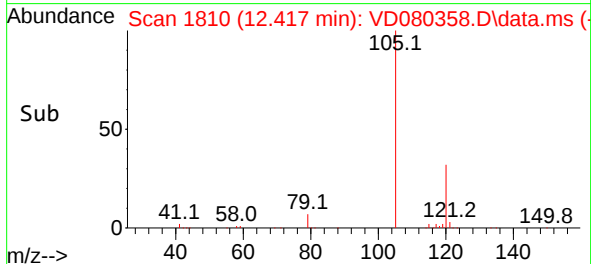
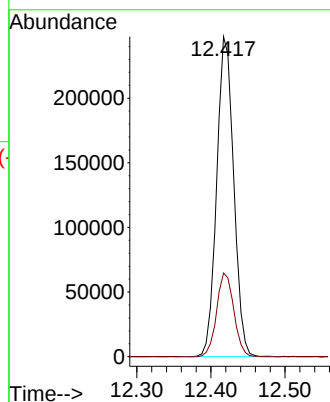
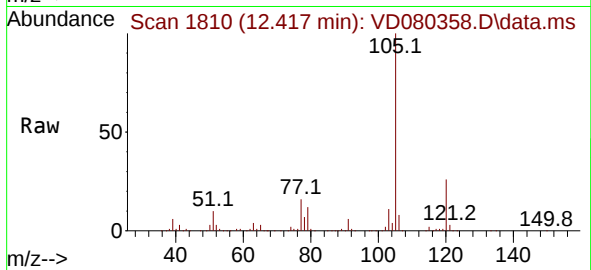




#73
Isopropylbenzene
Concen: 54.500 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.005 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

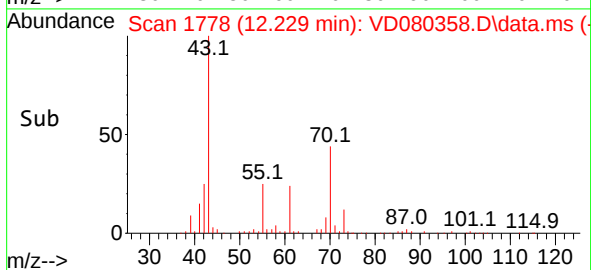
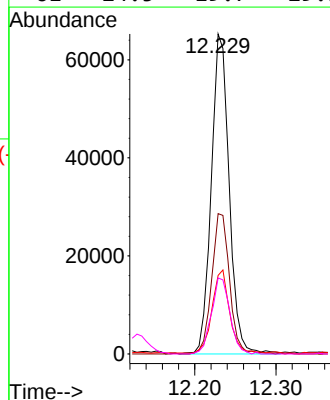
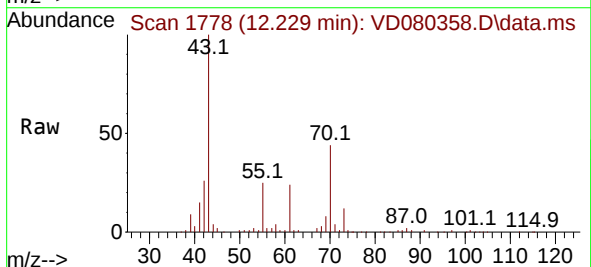
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

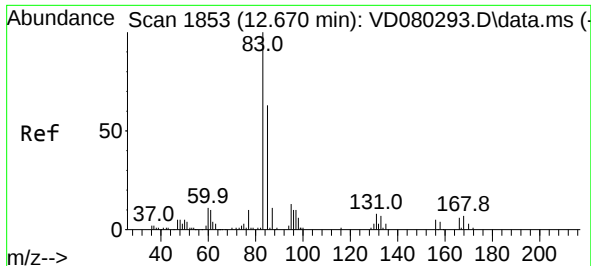
Tgt Ion:105 Resp: 394829
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 48.047 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.005 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 43 Resp: 99901
Ion Ratio Lower Upper
43 100
70 43.6 36.3 54.5
55 25.3 20.3 30.5
61 24.5 19.7 29.5

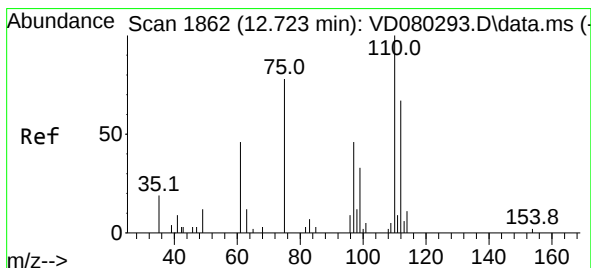
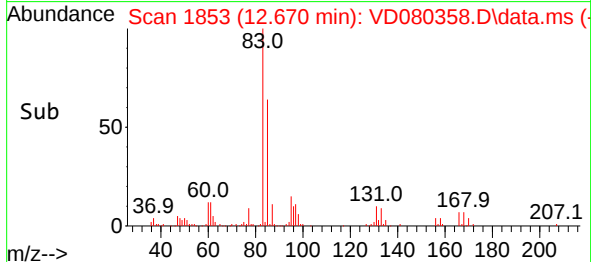
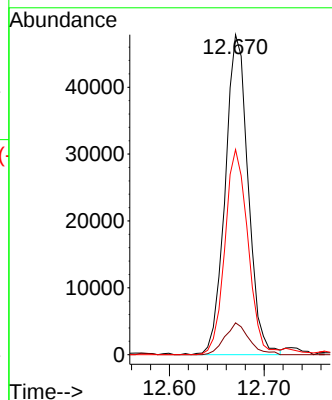
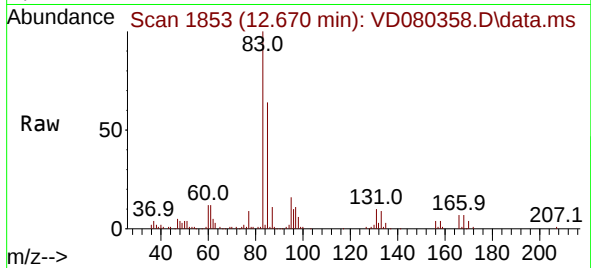




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.575 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.001 min
 Lab File: VD080358.D
 Acq: 15 May 2025 19:28

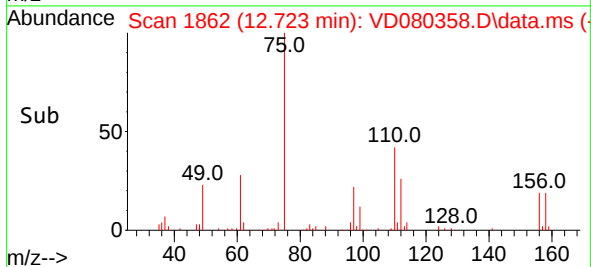
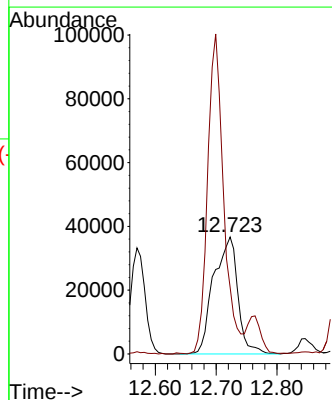
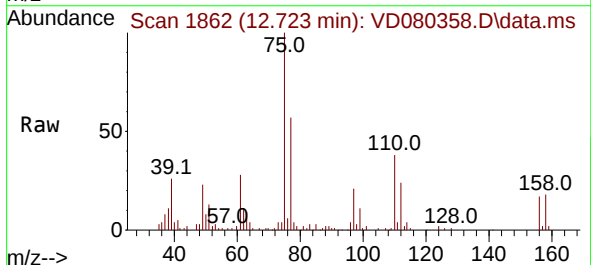
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

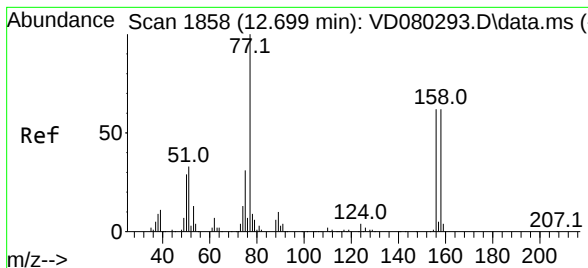
Tgt Ion: 83 Resp: 80573
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.3
 85 64.5 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 93.898 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.001 min
 Lab File: VD080358.D
 Acq: 15 May 2025 19:28

Tgt Ion: 75 Resp: 101210
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.836 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

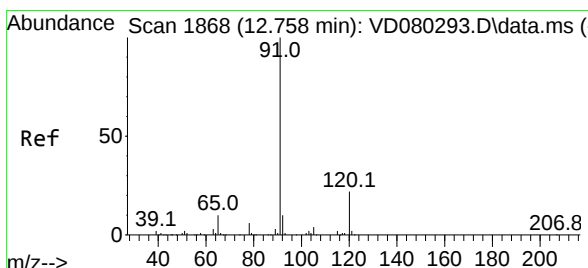
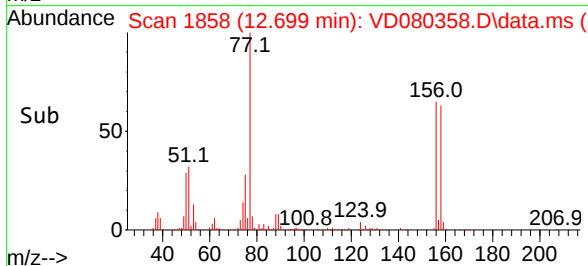
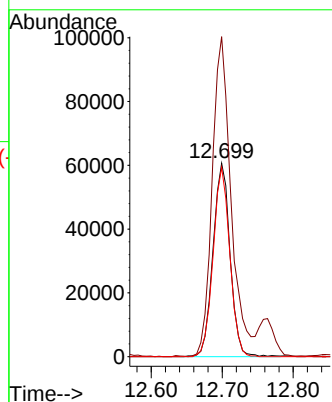
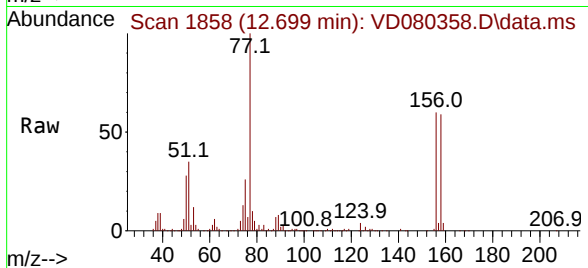
Tgt Ion:156 Resp: 101166

Ion Ratio Lower Upper

156 100

77 181.3 89.8 269.6

158 95.5 47.9 143.8



#78

n-propylbenzene

Concen: 54.743 ug/l

RT: 12.764 min Scan# 1869

Delta R.T. 0.001 min

Lab File: VD080358.D

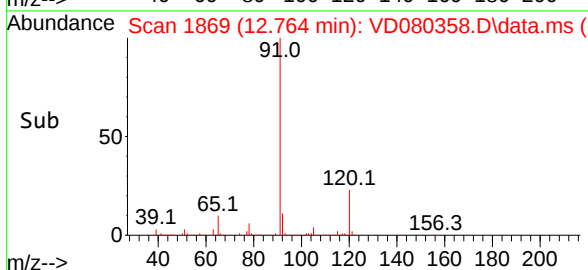
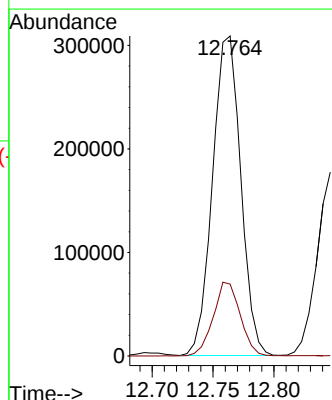
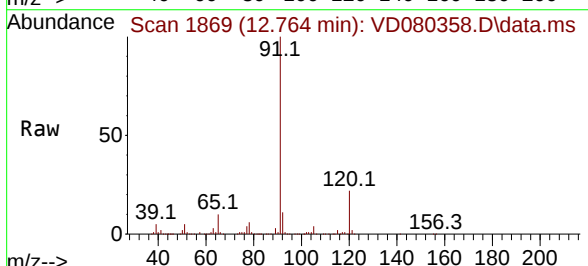
Acq: 15 May 2025 19:28

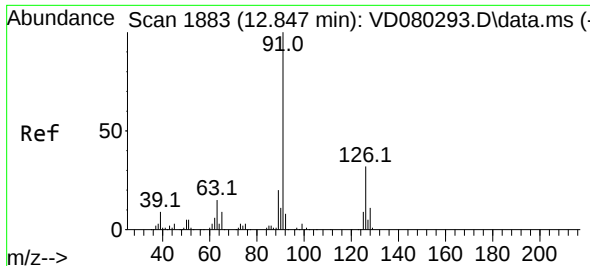
Tgt Ion: 91 Resp: 497686

Ion Ratio Lower Upper

91 100

120 22.1 11.2 33.5

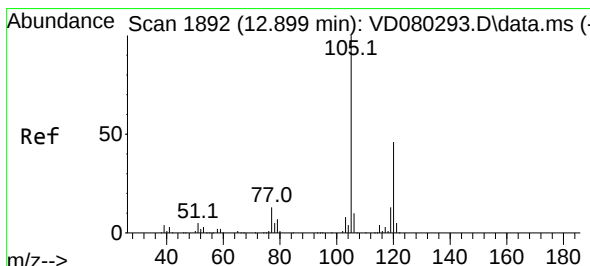
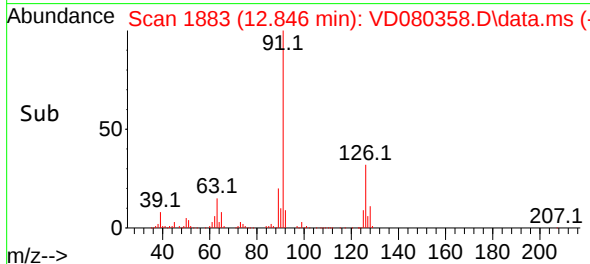
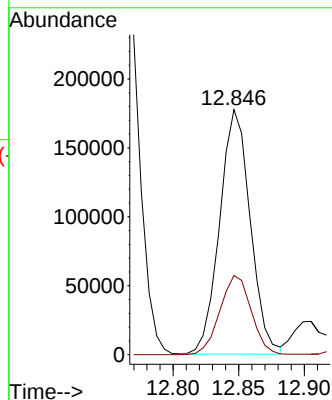
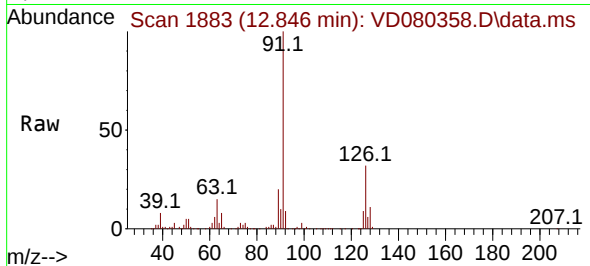




#79
2-Chlorotoluene
Concen: 54.485 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

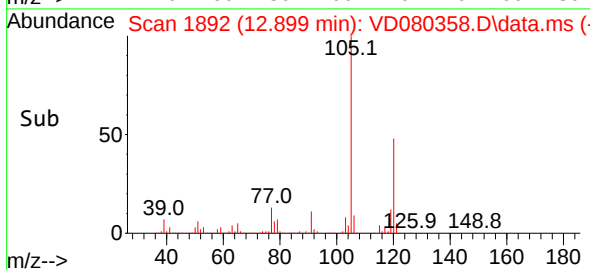
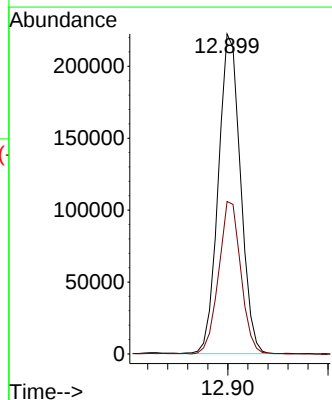
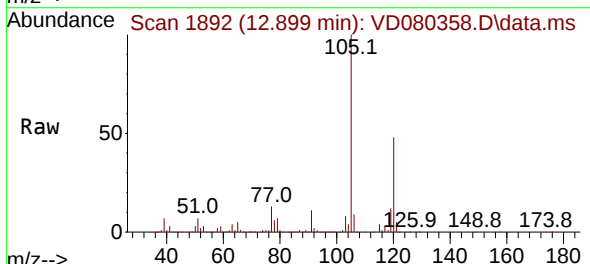
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

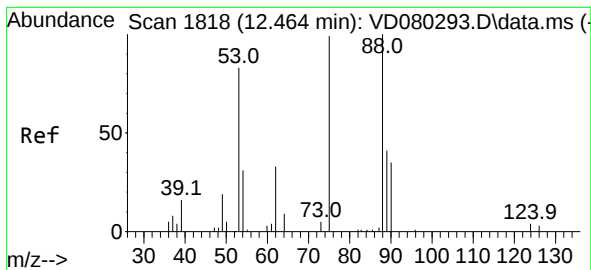
Tgt Ion: 91 Resp: 288125
Ion Ratio Lower Upper
91 100
126 33.1 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 55.098 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.005 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 105 Resp: 340449
Ion Ratio Lower Upper
105 100
120 47.7 25.0 75.0

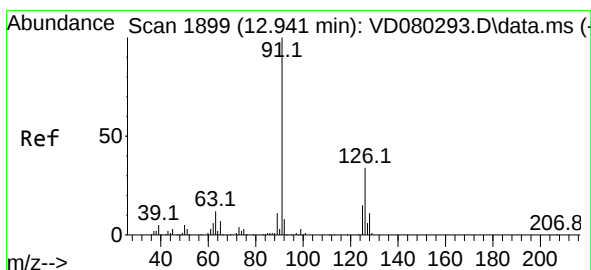
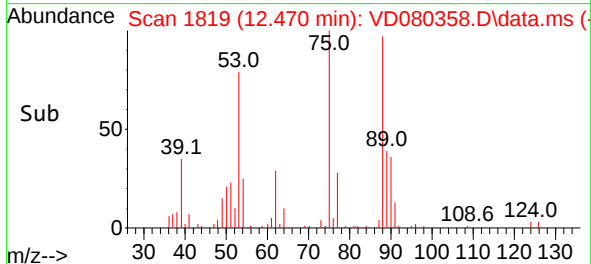
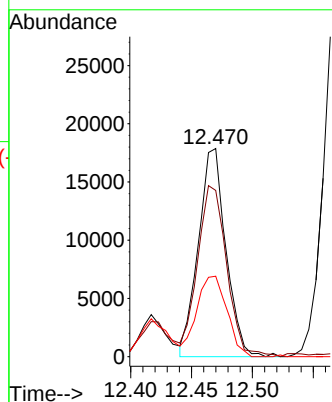
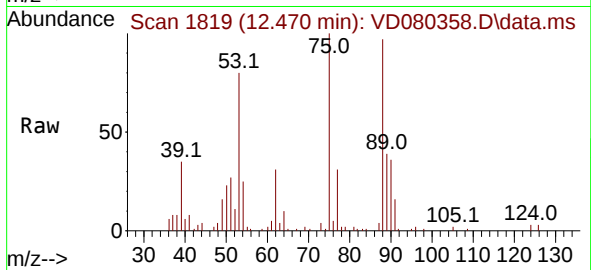




#81
trans-1,4-Dichloro-2-butene
Concen: 49.596 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

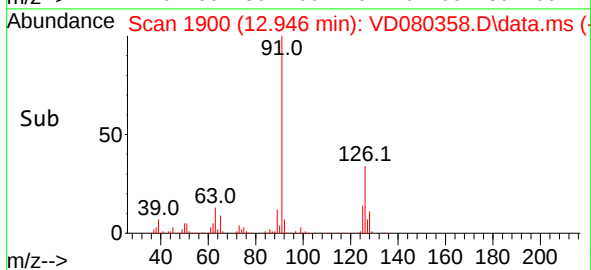
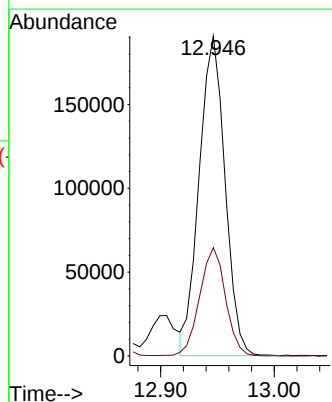
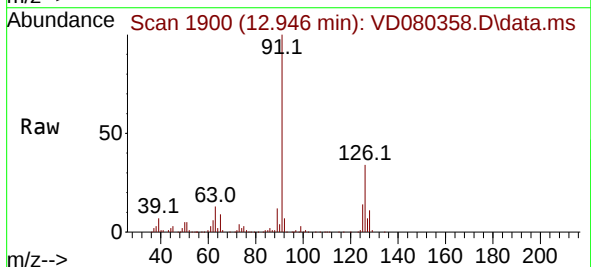
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

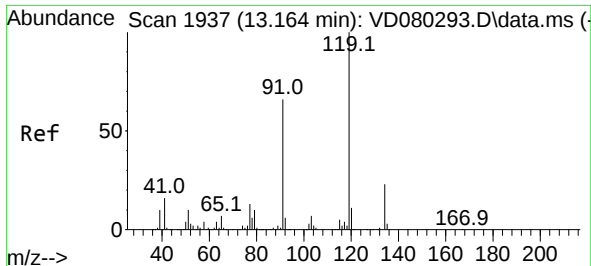
Tgt Ion: 75 Resp: 28163
Ion Ratio Lower Upper
75 100
53 86.8 68.7 103.1
89 42.6 36.1 54.1



#82
4-Chlorotoluene
Concen: 52.714 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion: 91 Resp: 300911
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.3

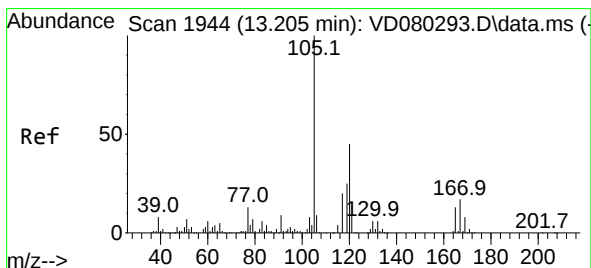
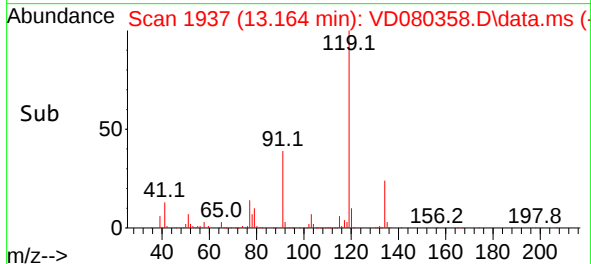
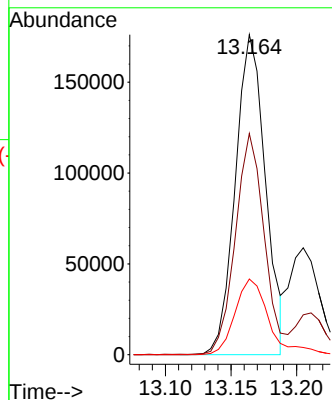
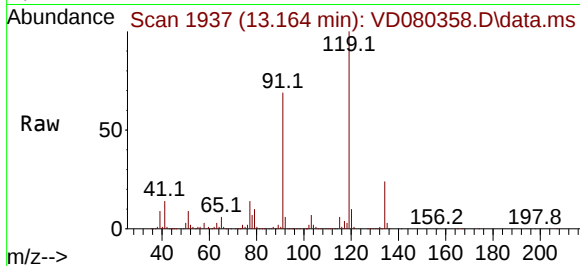




#83
tert-Butylbenzene
Concen: 54.651 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

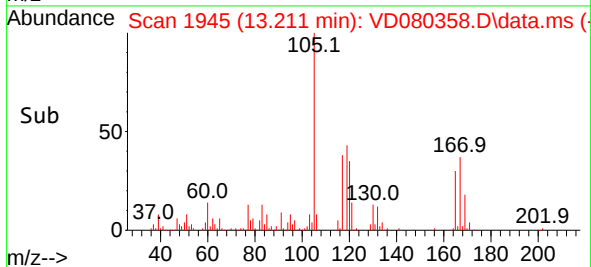
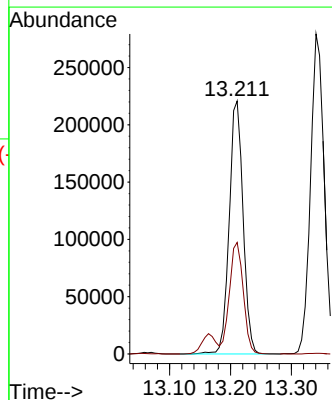
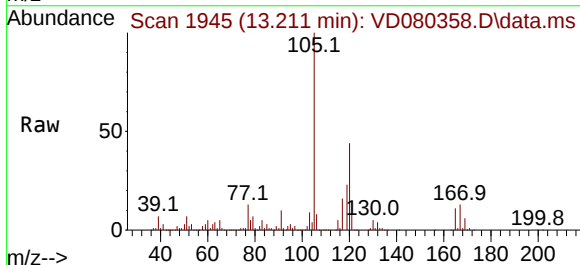
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

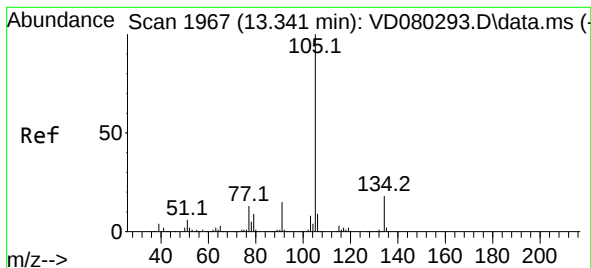
Tgt Ion:119 Resp: 281792
Ion Ratio Lower Upper
119 100
91 67.0 33.3 99.9
134 26.6 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 55.259 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion:105 Resp: 349353
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4





#85

sec-Butylbenzene

Concen: 54.443 ug/l

RT: 13.340 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

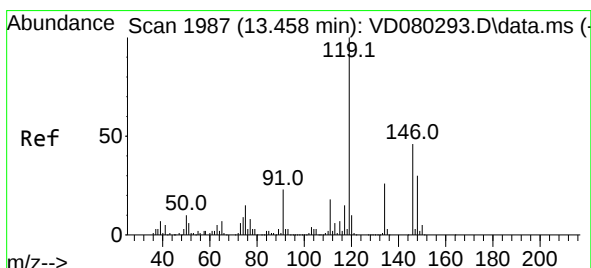
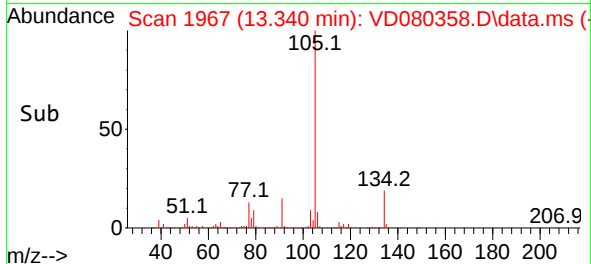
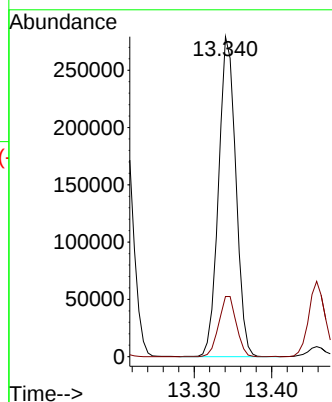
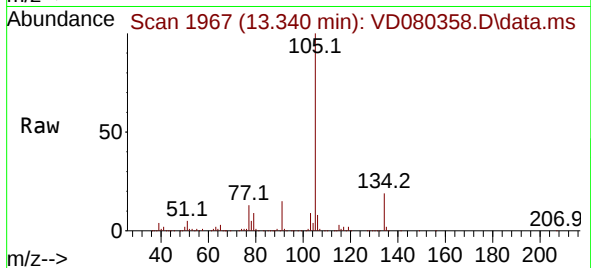
VSTDCCC050EC

Tgt Ion:105 Resp: 432898

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 54.354 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.001 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

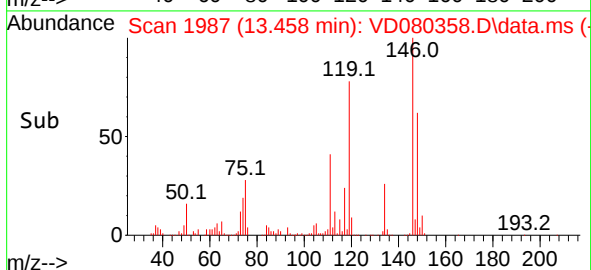
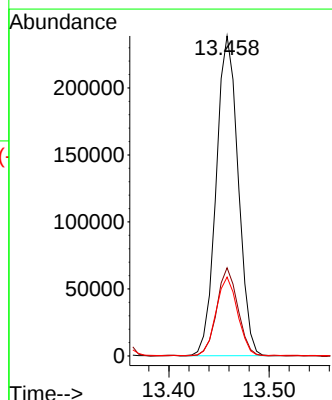
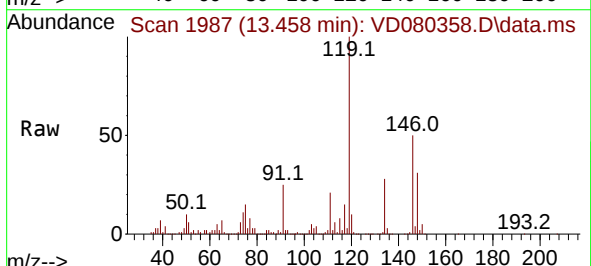
Tgt Ion:119 Resp: 363235

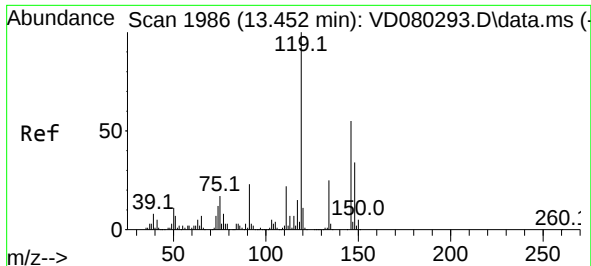
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 24.0 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 51.230 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

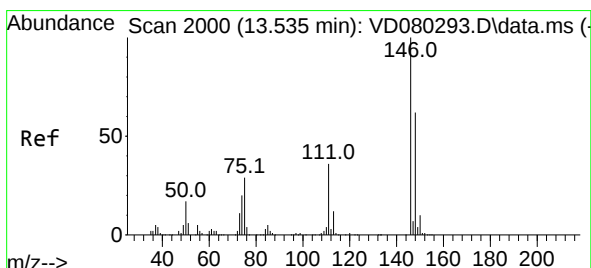
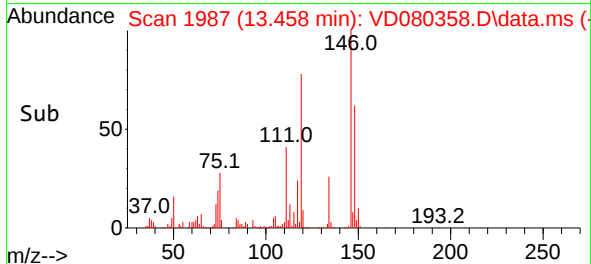
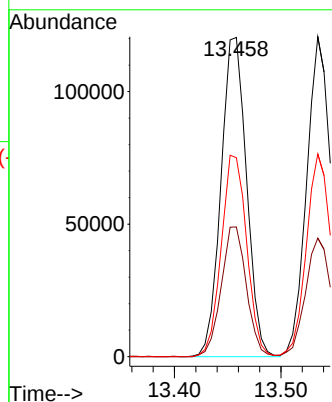
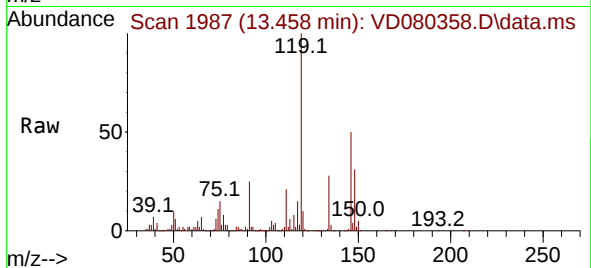
Tgt Ion:146 Resp: 200767

Ion Ratio Lower Upper

146 100

111 40.1 20.0 59.9

148 62.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 48.997 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

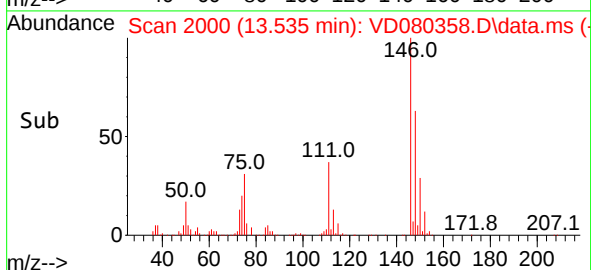
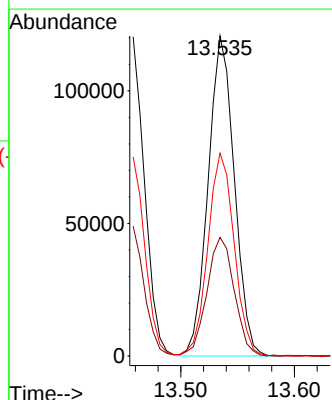
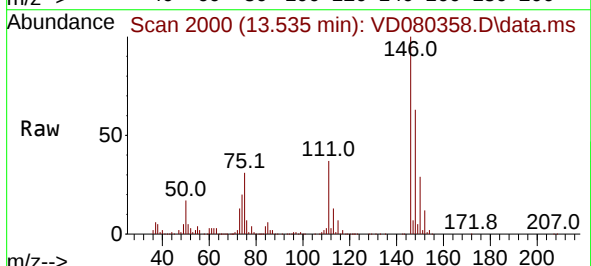
Tgt Ion:146 Resp: 193578

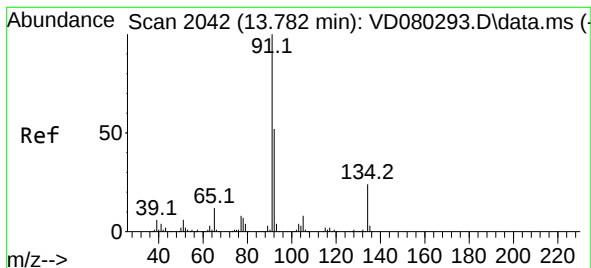
Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.8

148 63.8 32.9 98.7





#89

n-Butylbenzene

Concen: 53.803 ug/l

RT: 13.787 min Scan# 2042

Delta R.T. 0.000 min

Lab File: VD080358.D

Acq: 15 May 2025 19:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

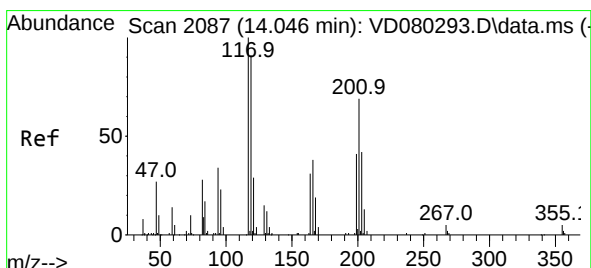
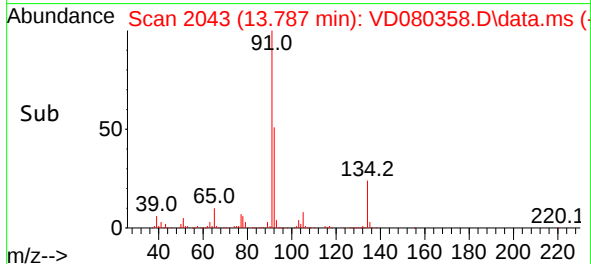
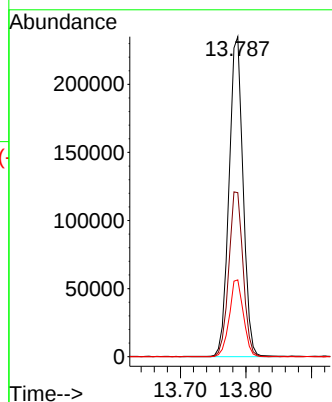
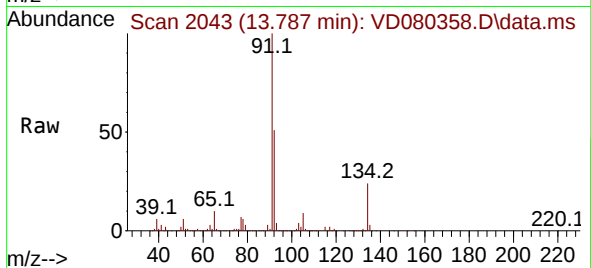
Tgt Ion: 91 Resp: 349033

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.9

134 24.2 12.3 36.8



#90

Hexachloroethane

Concen: 51.703 ug/l

RT: 14.052 min Scan# 2088

Delta R.T. 0.001 min

Lab File: VD080358.D

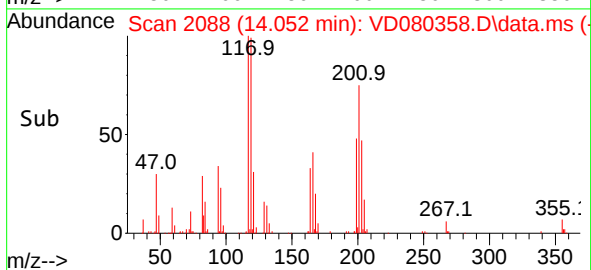
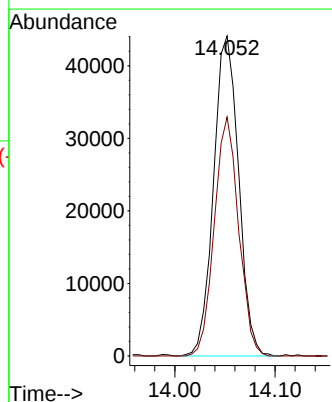
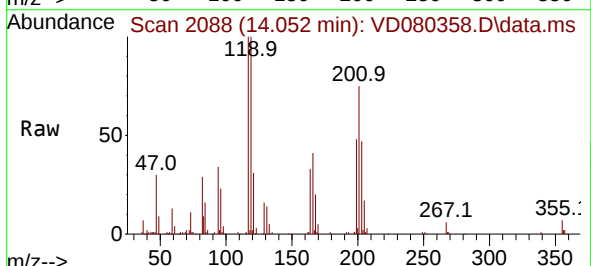
Acq: 15 May 2025 19:28

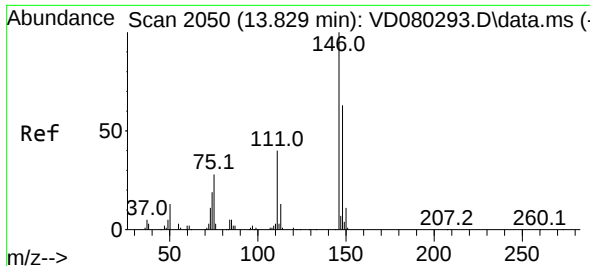
Tgt Ion: 117 Resp: 76449

Ion Ratio Lower Upper

117 100

201 72.4 37.5 112.5

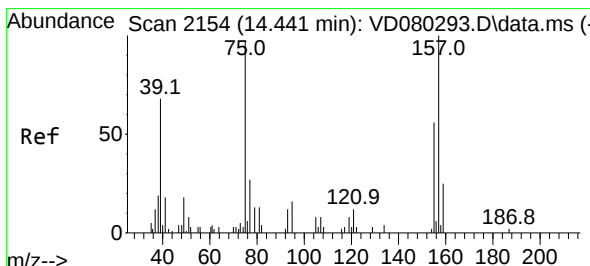
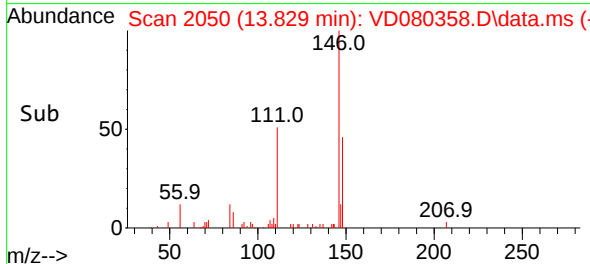
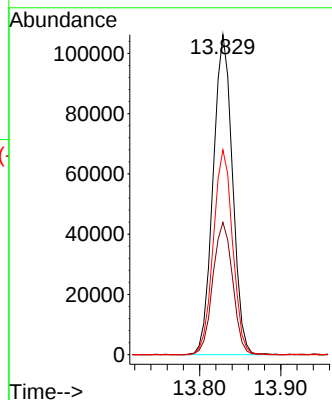
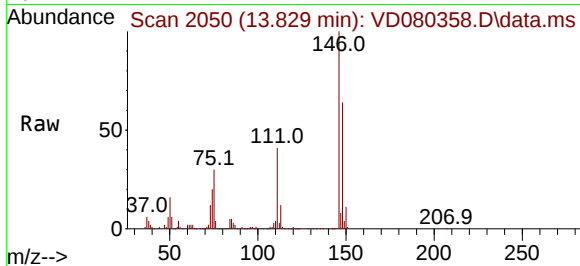




#91
 1,2-Dichlorobenzene
 Concen: 51.711 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.001 min
 Lab File: VD080358.D
 Acq: 15 May 2025 19:28

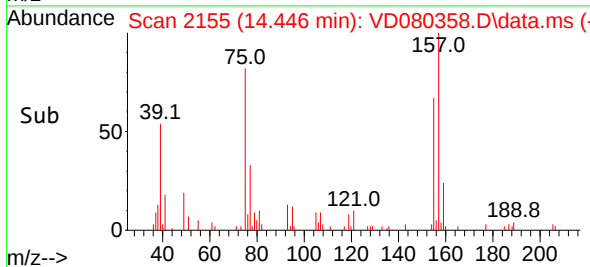
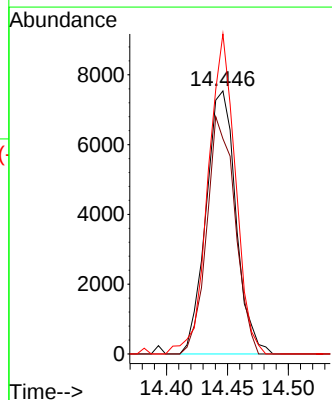
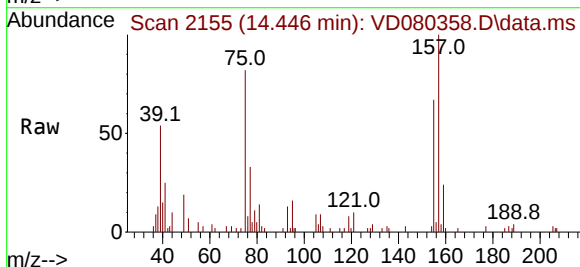
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

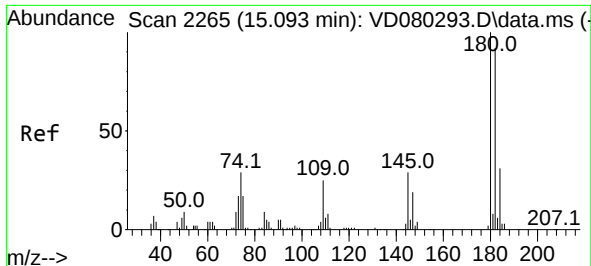
Tgt Ion:146 Resp: 176041
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.6 61.8
 148 63.9 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.759 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080358.D
 Acq: 15 May 2025 19:28

Tgt Ion: 75 Resp: 12888
 Ion Ratio Lower Upper
 75 100
 155 85.1 40.6 122.0
 157 110.7 53.3 159.9

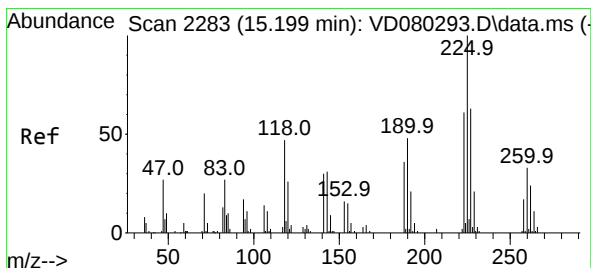
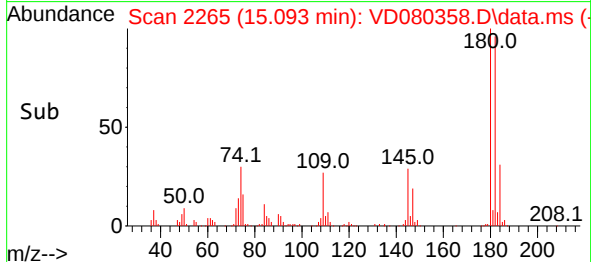
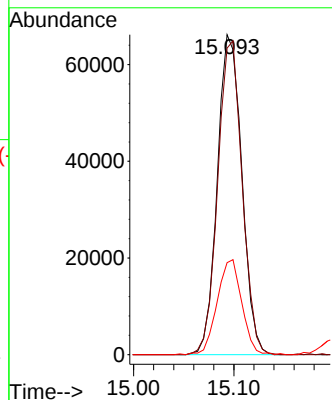
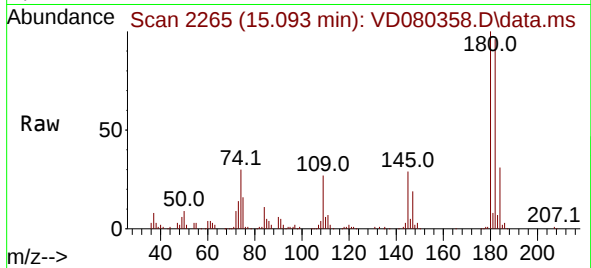




#93
1,2,4-Trichlorobenzene
Concen: 52.355 ug/l
RT: 15.093 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

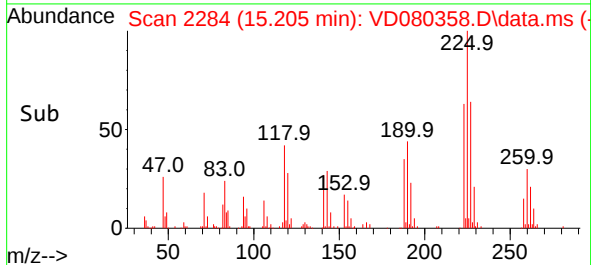
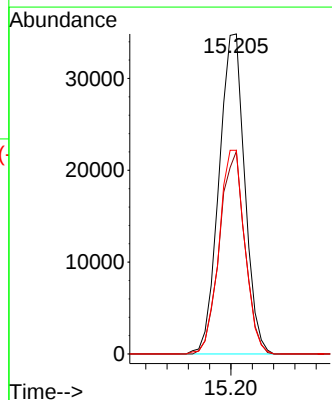
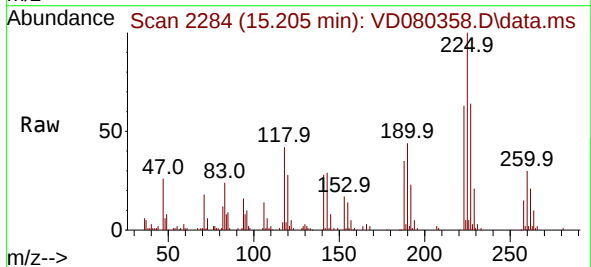
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

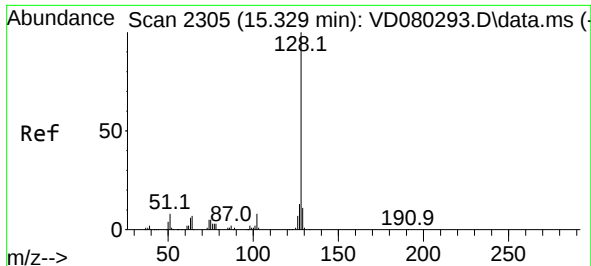
Tgt Ion:180 Resp: 112090
Ion Ratio Lower Upper
180 100
182 97.7 47.4 142.2
145 29.9 14.7 44.1



#94
Hexachlorobutadiene
Concen: 52.419 ug/l
RT: 15.205 min Scan# 2284
Delta R.T. 0.007 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion:225 Resp: 58386
Ion Ratio Lower Upper
225 100
223 61.9 31.5 94.5
227 63.7 30.9 92.5

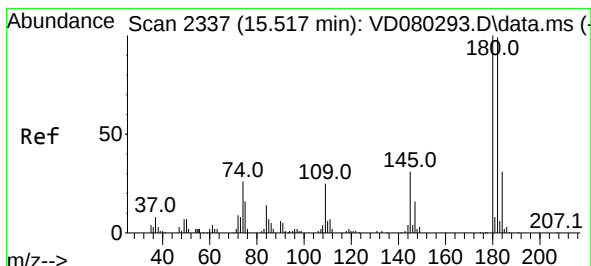
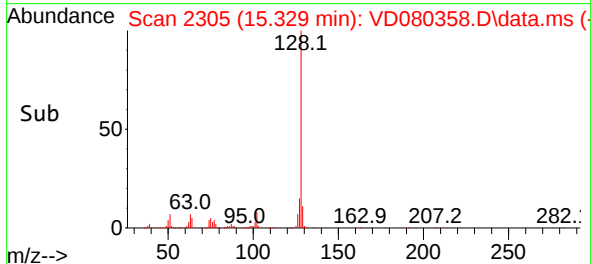
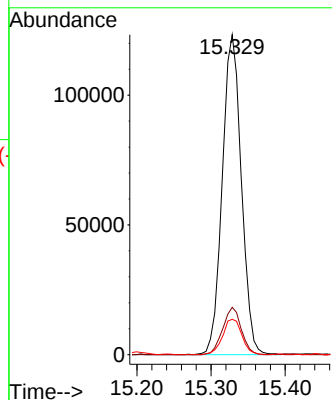
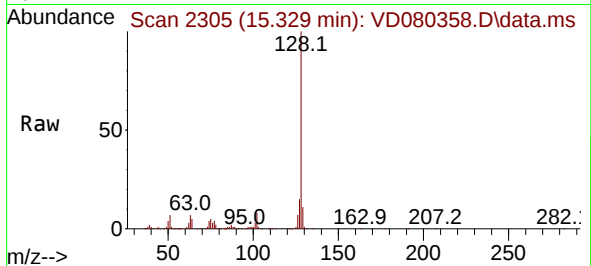




#95
Naphthalene
Concen: 54.808 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 220328
Ion Ratio Lower Upper
128 100
127 14.8 11.8 17.8
129 11.1 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 53.095 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD080358.D
Acq: 15 May 2025 19:28

Tgt Ion:180 Resp: 101666
Ion Ratio Lower Upper
180 100
182 97.2 47.5 142.6
145 33.1 15.7 47.0

