

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
 Data File : VD080291.D
 Acq On : 06 May 2025 13:55
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: May 07 03:16:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 03:09:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	120483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	207661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	188574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	98783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	15938	10.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.460%#
35) Dibromofluoromethane	7.805	113	13299	9.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.120%#
50) Toluene-d8	10.264	98	51113	9.320	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	18.640%#
62) 4-Bromofluorobenzene	12.570	95	16992	9.654	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.300%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	16009	10.404	ug/l	96
3) Chloromethane	2.147	50	28530	9.811	ug/l	95
4) Vinyl Chloride	2.276	62	35188	11.234	ug/l	98
5) Bromomethane	2.682	94	22030	9.771	ug/l	95
6) Chloroethane	2.829	64	23896	10.790	ug/l	94
7) Trichlorofluoromethane	3.165	101	25830	10.755	ug/l	95
8) Diethyl Ether	3.588	74	6857	9.249	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.959	101	15881	10.732	ug/l	95
10) Methyl Iodide	4.153	142	13982	9.269	ug/l #	93
11) Tert butyl alcohol	5.076	59	5243	55.456	ug/l #	78
12) 1,1-Dichloroethene	3.929	96	14942	10.242	ug/l	90
13) Acrolein	3.794	56	8220	49.414	ug/l	92
14) Allyl chloride	4.559	41	22002	9.589	ug/l	99
15) Acrylonitrile	5.264	53	17759	49.826	ug/l	93
16) Acetone	4.029	43	15594	50.274	ug/l	95
17) Carbon Disulfide	4.265	76	53524	10.565	ug/l	97
18) Methyl Acetate	4.570	43	11017	10.911	ug/l #	73
19) Methyl tert-butyl Ether	5.323	73	27966	8.726	ug/l #	88
20) Methylene Chloride	4.794	84	21842	10.071	ug/l #	85
21) trans-1,2-Dichloroethene	5.300	96	15107	9.532	ug/l	85
22) Diisopropyl ether	6.217	45	43174	9.135	ug/l	92
23) Vinyl Acetate	6.153	43	122708	44.577	ug/l	100
24) 1,1-Dichloroethane	6.106	63	31010	10.427	ug/l #	90
25) 2-Butanone	7.088	43	19760	46.094	ug/l	98
26) 2,2-Dichloropropane	7.076	77	24094	10.181	ug/l	96
27) cis-1,2-Dichloroethene	7.076	96	16982	9.671	ug/l	97
28) Bromochloromethane	7.429	49	14468	10.448	ug/l	99
29) Tetrahydrofuran	7.453	42	12933	46.270	ug/l	96
30) Chloroform	7.594	83	29736	10.026	ug/l	98
31) Cyclohexane	7.876	56	25143	9.933	ug/l #	93
32) 1,1,1-Trichloroethane	7.800	97	24628	10.178	ug/l	96
36) 1,1-Dichloropropene	8.011	75	19810	9.523	ug/l	97
37) Ethyl Acetate	7.176	43	10491	9.670	ug/l #	73
38) Carbon Tetrachloride	7.994	117	22088	10.182	ug/l	93
39) Methylcyclohexane	9.270	83	22083	9.149	ug/l	89
40) Benzene	8.253	78	61413	9.423	ug/l	95

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	3187	5.295	ug/l #	58
42) 1,2-Dichloroethane	8.323	62	18620	9.859	ug/l	98
43) Isopropyl Acetate	8.364	43	18100	9.177	ug/l	95
44) Trichloroethene	9.029	130	14665	9.693	ug/l	88
45) 1,2-Dichloropropane	9.305	63	16232	9.711	ug/l	95
46) Dibromomethane	9.394	93	9070	9.966	ug/l	98
47) Bromodichloromethane	9.582	83	22525	9.751	ug/l #	99
48) Methyl methacrylate	9.376	41	7564	8.071	ug/l	94
49) 1,4-Dioxane	9.382	88	1804	166.725	ug/l #	84
51) 4-Methyl-2-Pentanone	10.158	43	42369	41.690	ug/l	96
52) Toluene	10.335	92	35833	9.126	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	19040	9.041	ug/l	95
54) cis-1,3-Dichloropropene	10.017	75	21913	8.980	ug/l #	94
55) 1,1,2-Trichloroethane	10.735	97	11668	9.692	ug/l	92
56) Ethyl methacrylate	10.599	69	12467	8.546	ug/l	94
57) 1,3-Dichloropropane	10.882	76	18220	9.107	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	24567	41.152	ug/l	98
59) 2-Hexanone	10.923	43	28796	41.190	ug/l	98
60) Dibromochloromethane	11.070	129	14022	9.294	ug/l	94
61) 1,2-Dibromoethane	11.176	107	10129	9.074	ug/l	95
64) Tetrachloroethene	10.811	164	12779	10.007	ug/l	90
65) Chlorobenzene	11.605	112	40485	9.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.676	131	14151	9.673	ug/l	94
67) Ethyl Benzene	11.682	91	62118	8.730	ug/l	96
68) m/p-Xylenes	11.788	106	48239	17.460	ug/l	100
69) o-Xylene	12.117	106	22615	8.958	ug/l	92
70) Styrene	12.129	104	39179	8.642	ug/l	99
71) Bromoform	12.293	173	8535	9.820	ug/l #	96
73) Isopropylbenzene	12.417	105	56684	8.846	ug/l	100
74) N-amyl acetate	12.229	43	16132	8.772	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	13735	9.747	ug/l	94
76) 1,2,3-Trichloropropane	12.723	75	16658	15.894	ug/l #	100
77) Bromobenzene	12.699	156	15958	9.601	ug/l	98
78) n-propylbenzene	12.758	91	72436	9.008	ug/l	98
79) 2-Chlorotoluene	12.846	91	42658	9.120	ug/l	96
80) 1,3,5-Trimethylbenzene	12.899	105	49080	8.980	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.470	75	4458	8.876	ug/l	92
82) 4-Chlorotoluene	12.946	91	46981	9.305	ug/l	96
83) tert-Butylbenzene	13.164	119	40742	8.933	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	47952	8.575	ug/l	98
85) sec-Butylbenzene	13.340	105	62473	8.883	ug/l	99
86) p-Isopropyltoluene	13.458	119	50754	8.586	ug/l	97
87) 1,3-Dichlorobenzene	13.458	146	33429	9.644	ug/l	98
88) 1,4-Dichlorobenzene	13.535	146	33320	9.535	ug/l	94
89) n-Butylbenzene	13.788	91	50024	8.718	ug/l	98
90) Hexachloroethane	14.052	117	12682	9.697	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	28250	9.382	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	2492	11.096	ug/l	92
93) 1,2,4-Trichlorobenzene	15.093	180	16341	8.629	ug/l	96
94) Hexachlorobutadiene	15.199	225	9092	9.229	ug/l	98
95) Naphthalene	15.329	128	29846	8.394	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.517	180	14816	8.748	ug/l	97

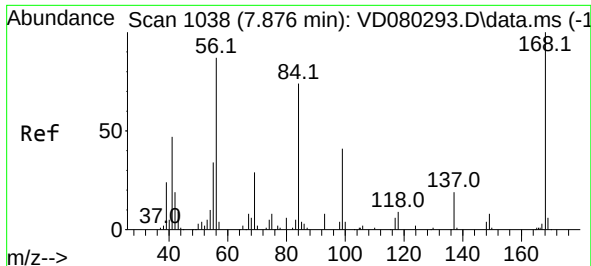
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Response via : Initial Calibration

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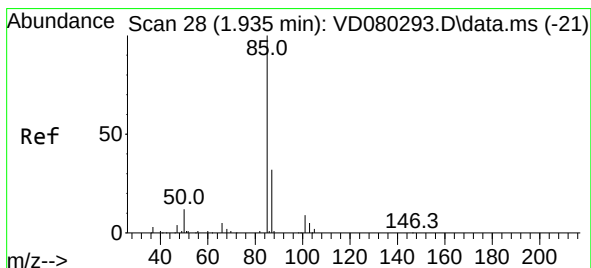
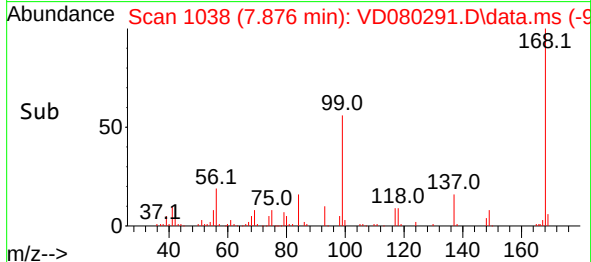
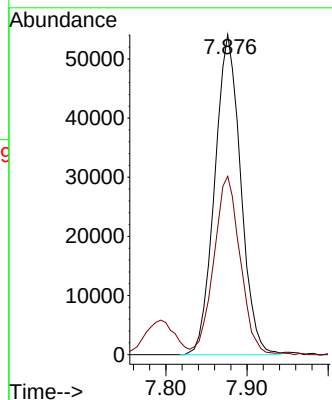
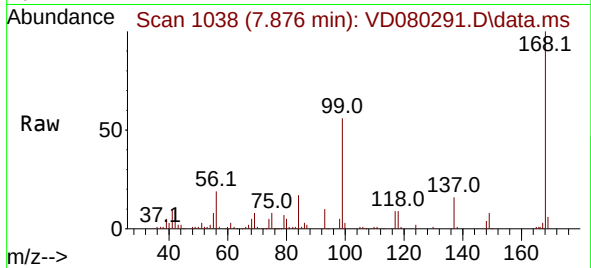
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

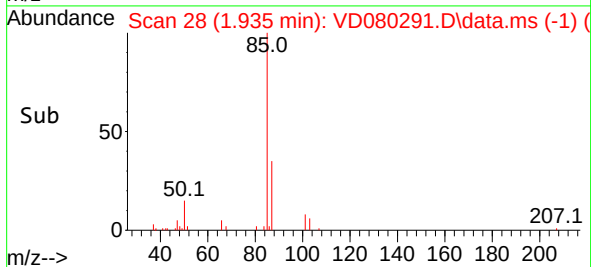
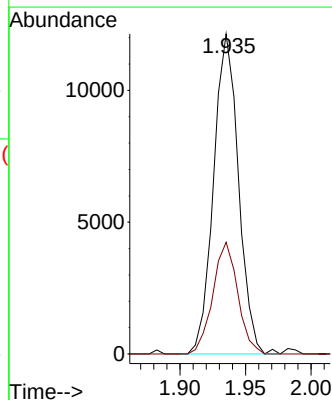
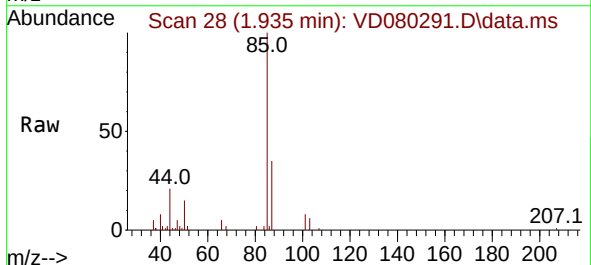
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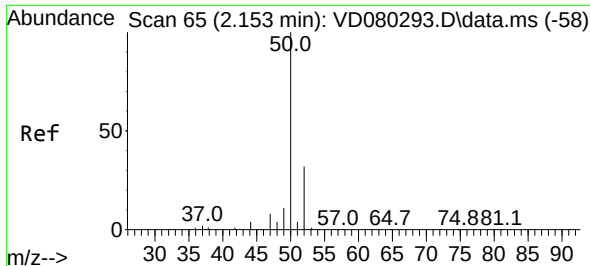
Tgt Ion:168 Resp: 120483
Ion Ratio Lower Upper
168 100
99 55.2 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 10.404 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 85 Resp: 16009
Ion Ratio Lower Upper
85 100
87 34.9 16.2 48.6

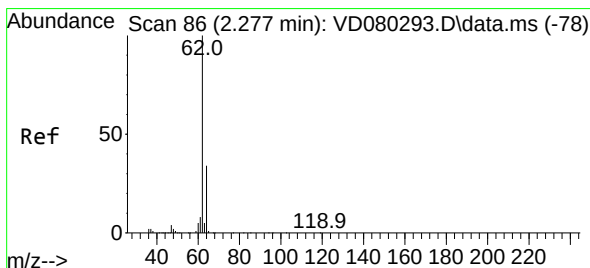
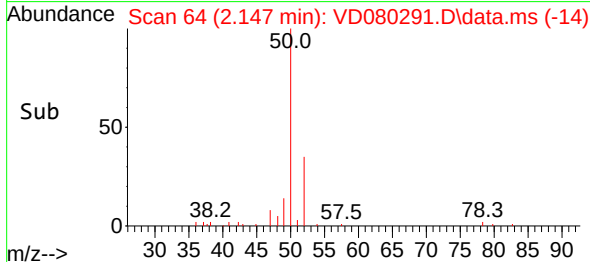
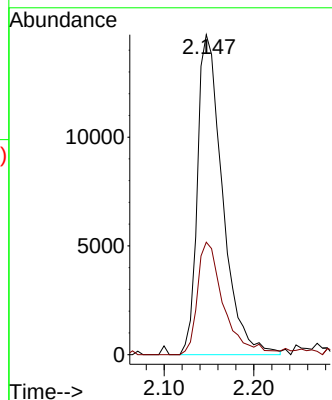
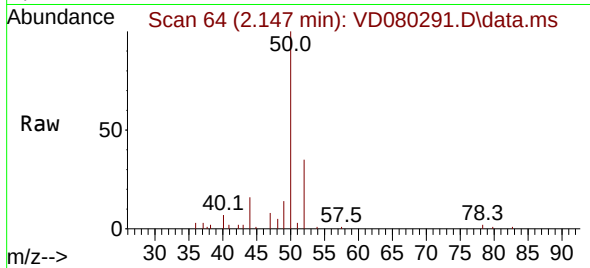




#3
Chloromethane
Concen: 9.811 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

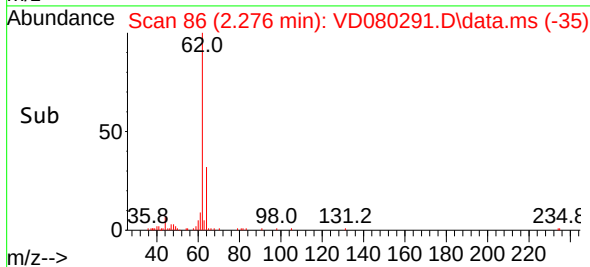
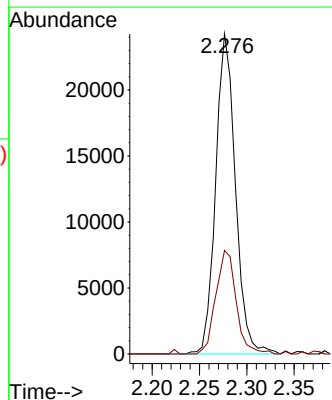
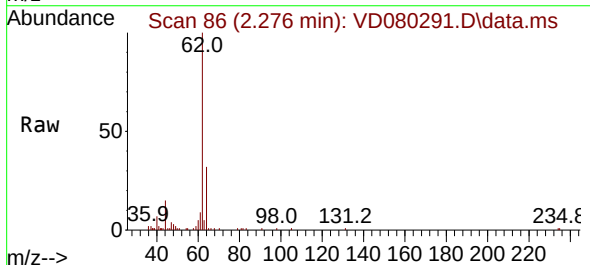
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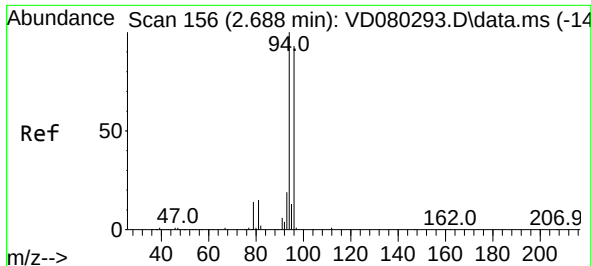
Tgt Ion: 50 Resp: 28530
Ion Ratio Lower Upper
50 100
52 35.2 25.7 38.5



#4
Vinyl Chloride
Concen: 11.234 ug/l
RT: 2.276 min Scan# 86
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 62 Resp: 35188
Ion Ratio Lower Upper
62 100
64 32.4 26.9 40.3

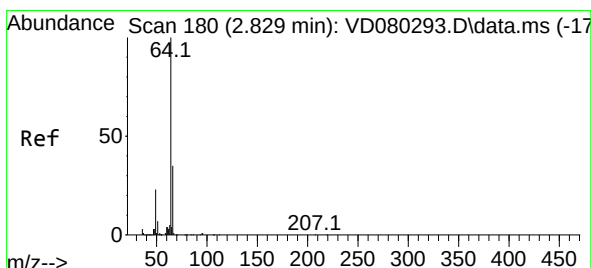
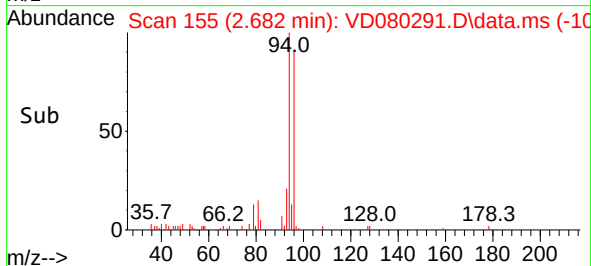
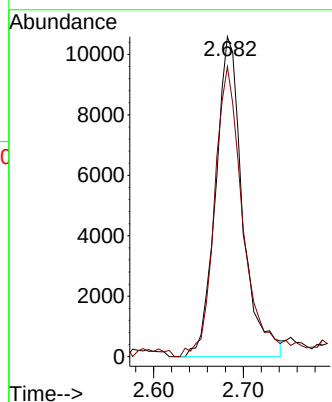
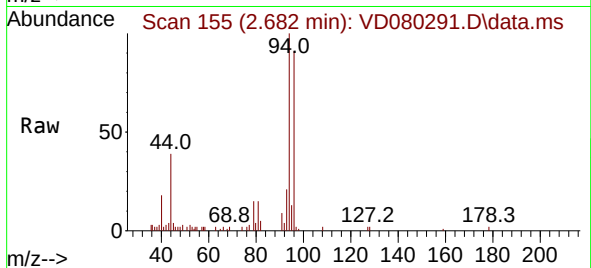




#5
Bromomethane
Concen: 9.771 ug/l
RT: 2.682 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

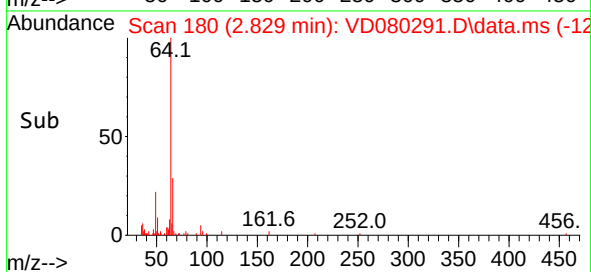
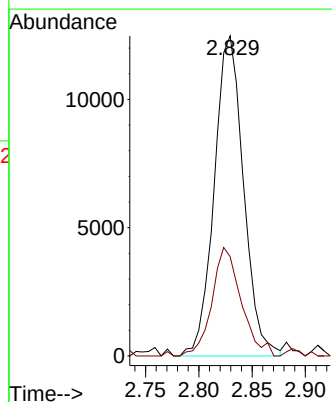
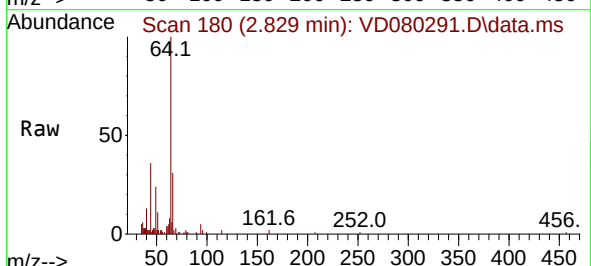
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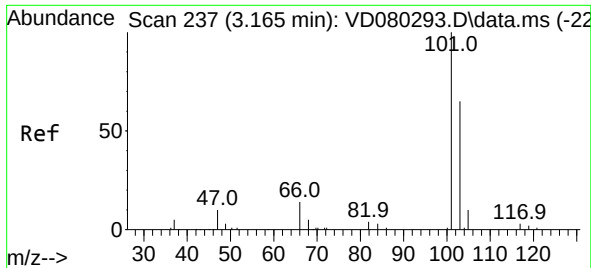
Tgt Ion: 94 Resp: 22030
Ion Ratio Lower Upper
94 100
96 98.0 74.6 112.0



#6
Chloroethane
Concen: 10.790 ug/l
RT: 2.829 min Scan# 180
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 64 Resp: 23896
Ion Ratio Lower Upper
64 100
66 31.0 27.7 41.5

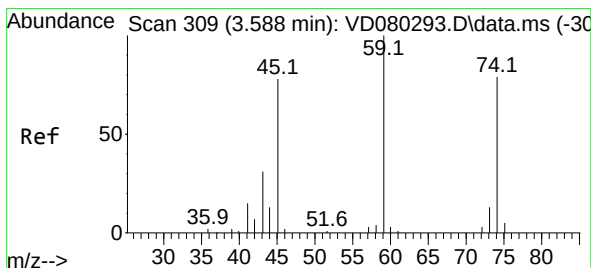
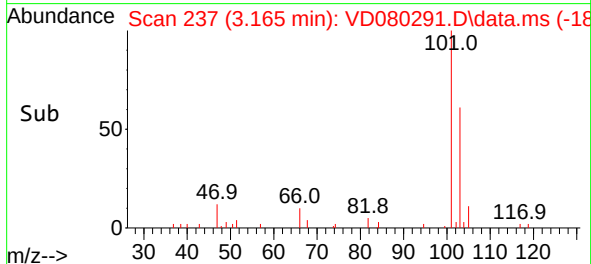
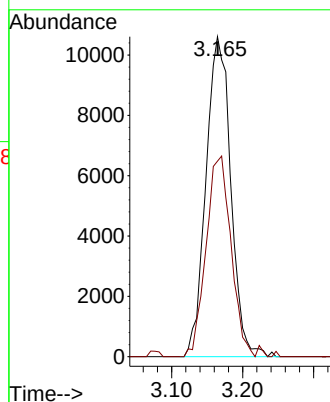
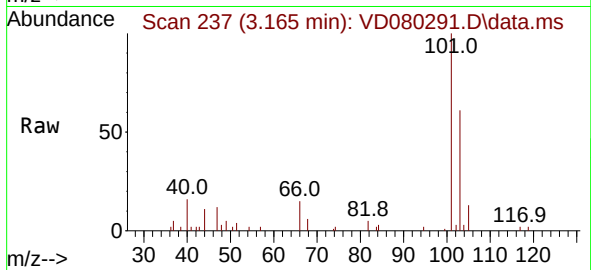




#7
 Trichlorofluoromethane
 Concen: 10.755 ug/l
 RT: 3.165 min Scan# 21
 Delta R.T. -0.000 min
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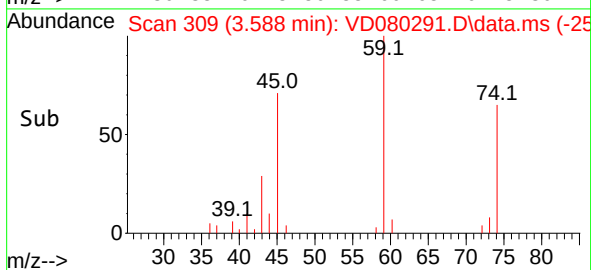
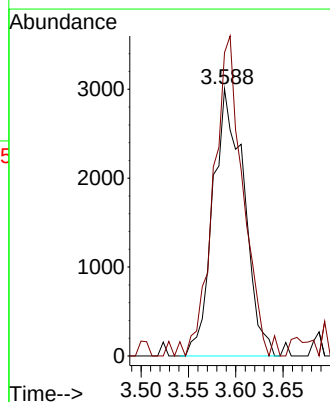
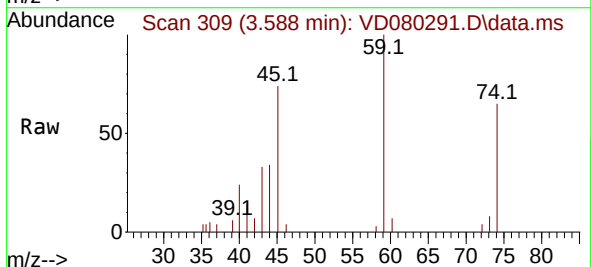
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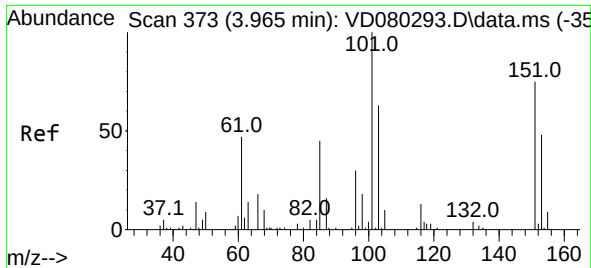
Tgt Ion:101 Resp: 25830
 Ion Ratio Lower Upper
 101 100
 103 61.1 51.8 77.8



#8
 Diethyl Ether
 Concen: 9.249 ug/l
 RT: 3.588 min Scan# 309
 Delta R.T. -0.000 min
 Lab File: VD080291.D
 Acq: 06 May 2025 13:55

Tgt Ion: 74 Resp: 6857
 Ion Ratio Lower Upper
 74 100
 45 112.3 53.1 159.4

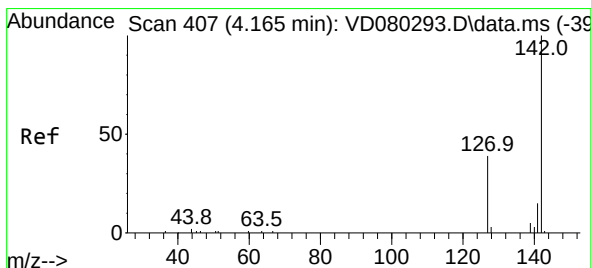
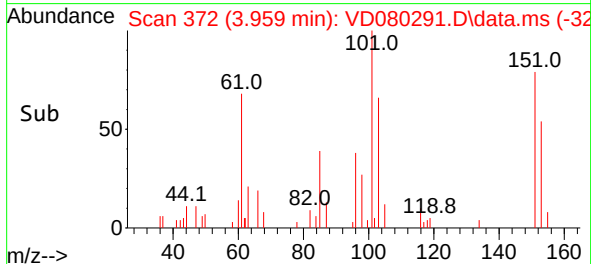
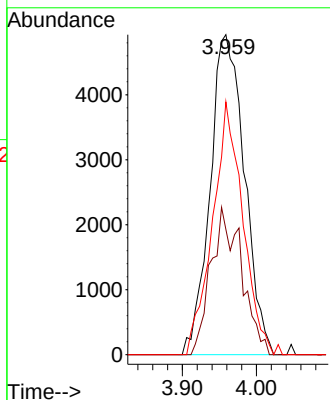
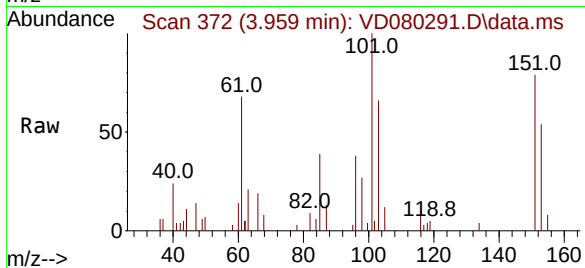




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.732 ug/l
RT: 3.959 min Scan# 31
Delta R.T. -0.006 min
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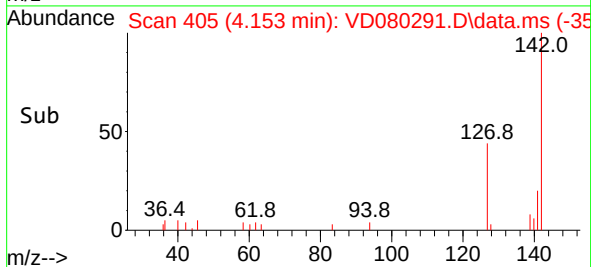
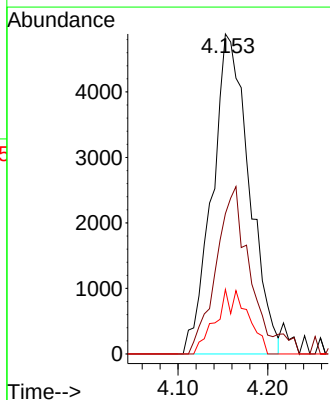
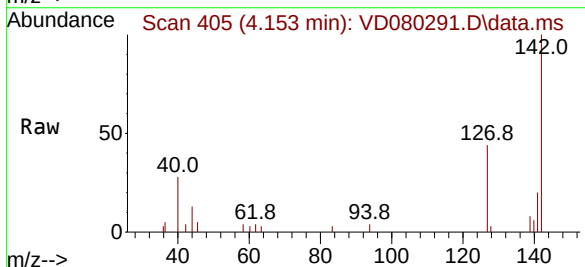
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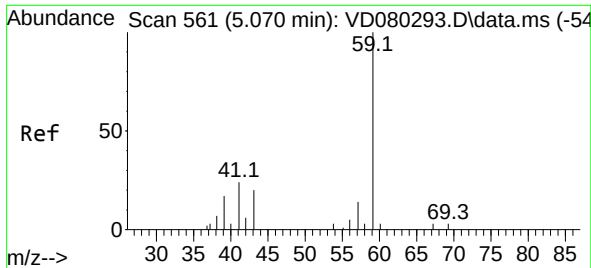
Tgt Ion:101 Resp: 15881
Ion Ratio Lower Upper
101 100
85 41.3 35.5 53.3
151 69.9 59.0 88.6



#10
Methyl Iodide
Concen: 9.269 ug/l
RT: 4.153 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion:142 Resp: 13982
Ion Ratio Lower Upper
142 100
127 46.1 34.6 52.0
141 8.8 12.2 18.4#

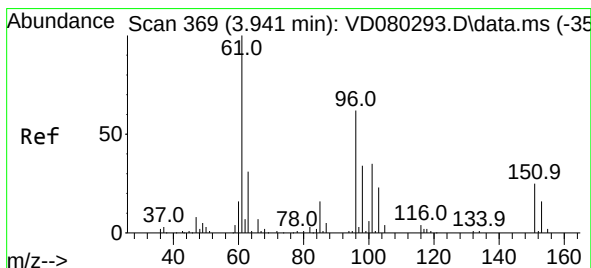
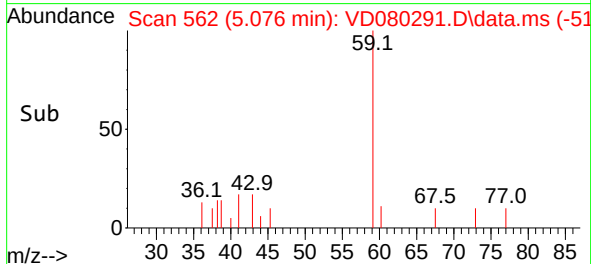
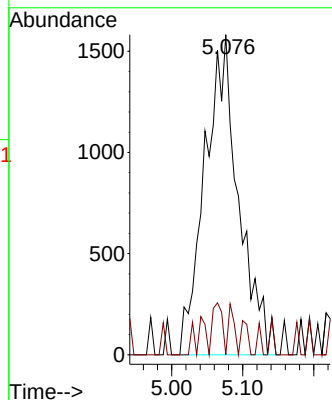
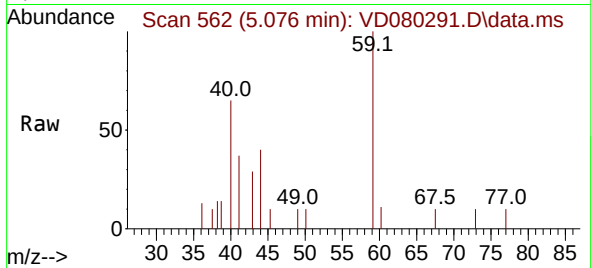




#11
Tert butyl alcohol
Concen: 55.456 ug/l
RT: 5.076 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

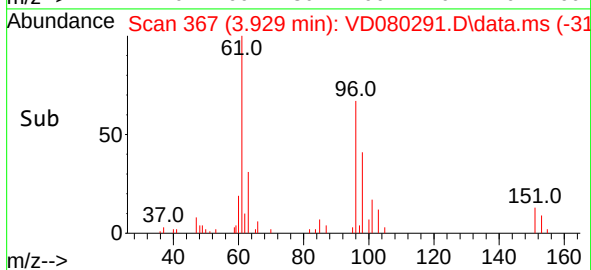
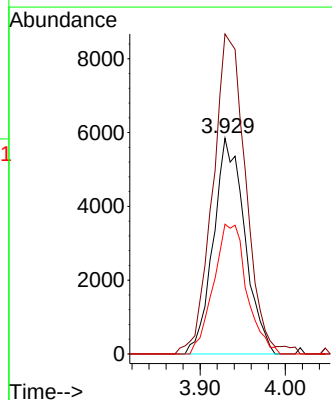
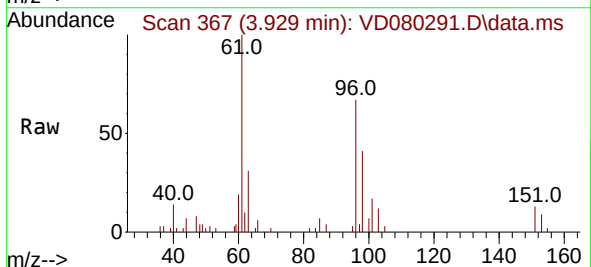
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

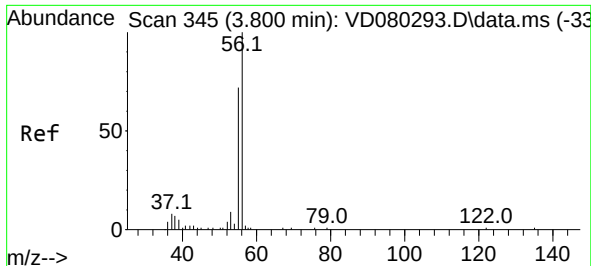
Tgt Ion: 59 Resp: 5243
Ion Ratio Lower Upper
59 100
57 4.7 10.6 16.0#



#12
1,1-Dichloroethene
Concen: 10.242 ug/l
RT: 3.929 min Scan# 367
Delta R.T. -0.012 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 96 Resp: 14942
Ion Ratio Lower Upper
96 100
61 145.6 128.2 192.2
98 60.2 43.9 65.9

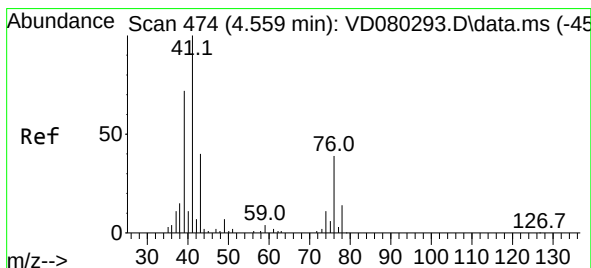
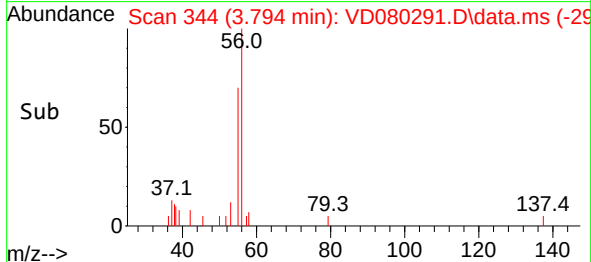
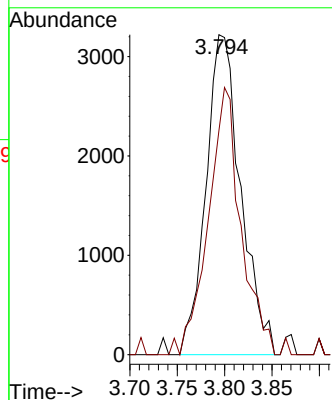
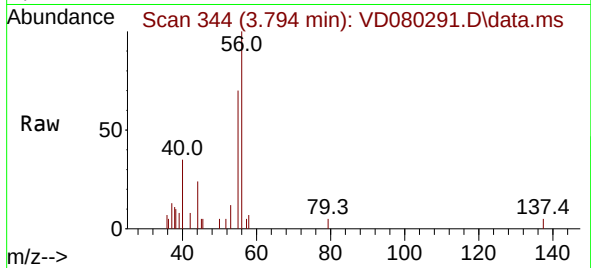




#13
Acrolein
Concen: 49.414 ug/l
RT: 3.794 min Scan# 345
Delta R.T. -0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

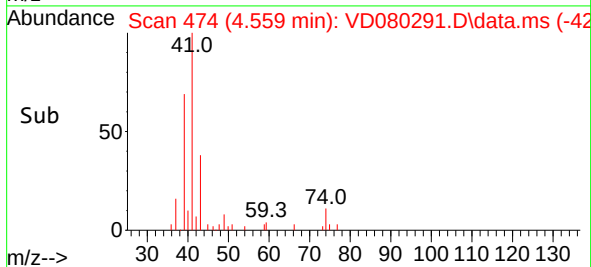
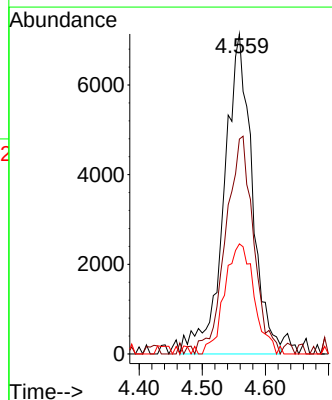
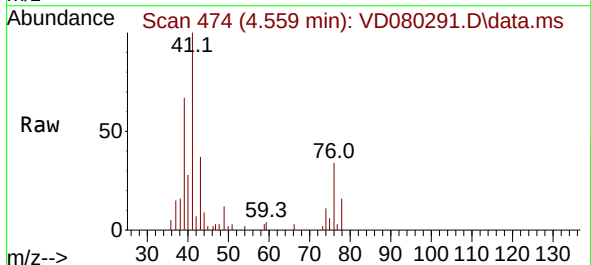
Instrument :
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ClientSampleId :
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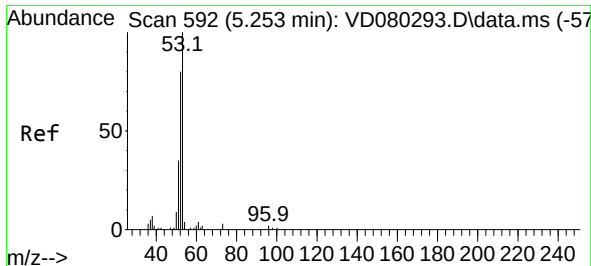
Tgt Ion: 56 Resp: 8220
Ion Ratio Lower Upper
56 100
55 78.2 57.4 86.2



#14
Allyl chloride
Concen: 9.589 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 41 Resp: 22002
Ion Ratio Lower Upper
41 100
39 67.6 53.0 79.4
76 36.4 28.8 43.2

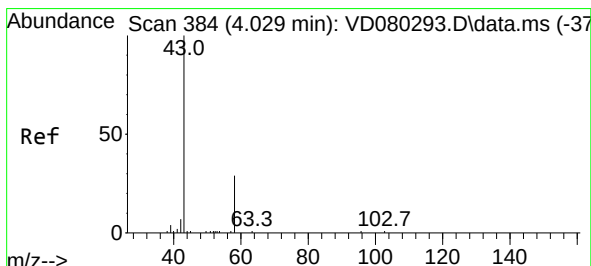
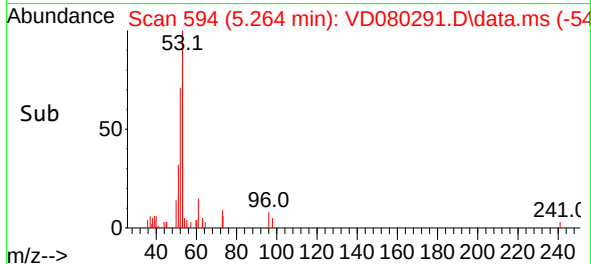
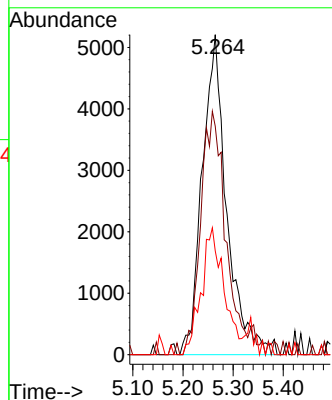
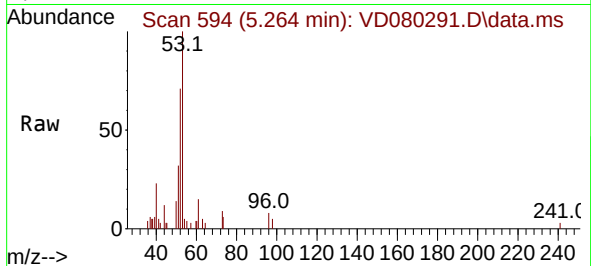




#15
Acrylonitrile
Concen: 49.826 ug/l
RT: 5.264 min Scan# 594
Delta R.T. 0.012 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

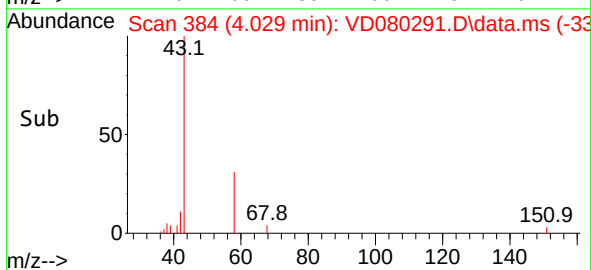
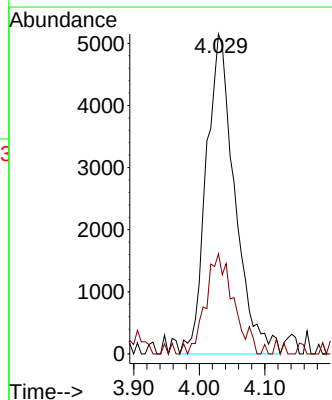
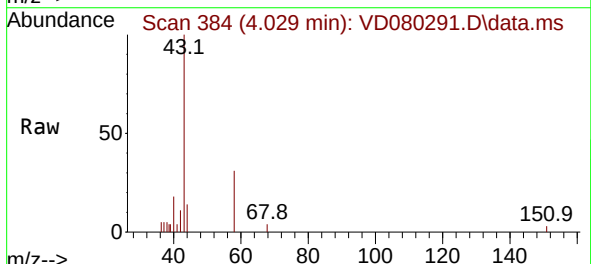
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

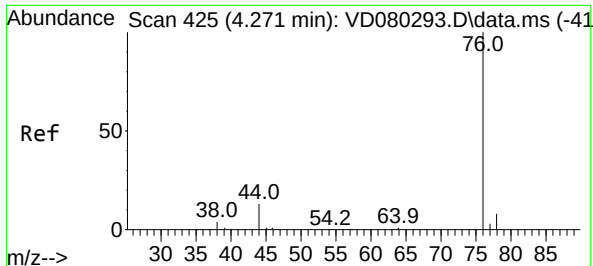
Tgt Ion: 53 Resp: 17759
Ion Ratio Lower Upper
53 100
52 76.0 67.3 100.9
51 36.9 30.4 45.6



#16
Acetone
Concen: 50.274 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 43 Resp: 15594
Ion Ratio Lower Upper
43 100
58 31.3 22.9 34.3

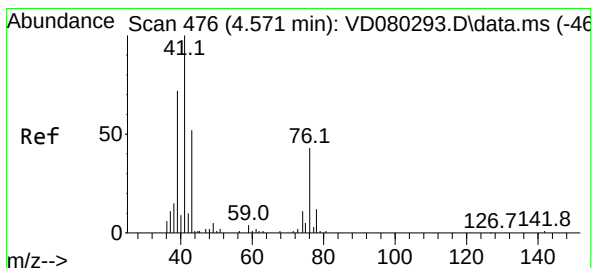
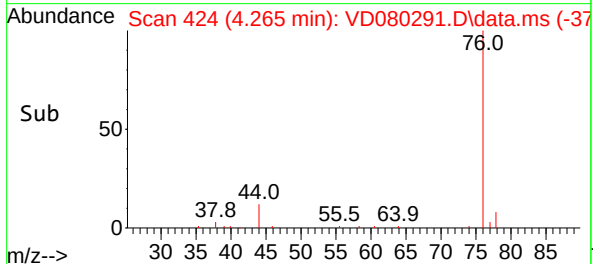
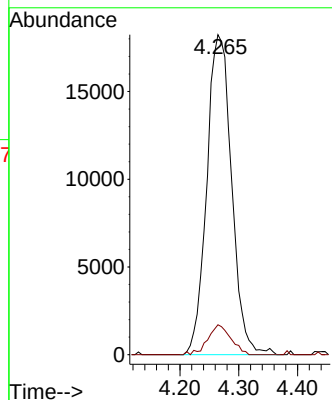
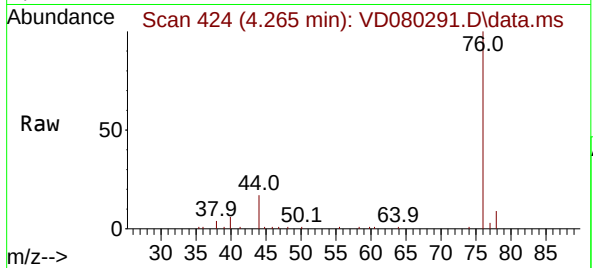




#17
Carbon Disulfide
Concen: 10.565 ug/l
RT: 4.265 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

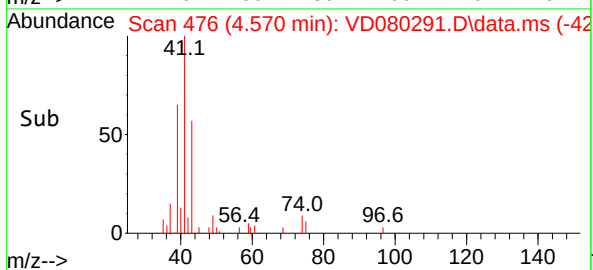
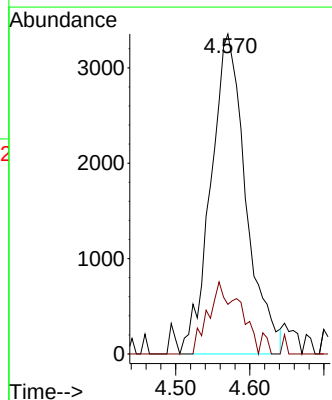
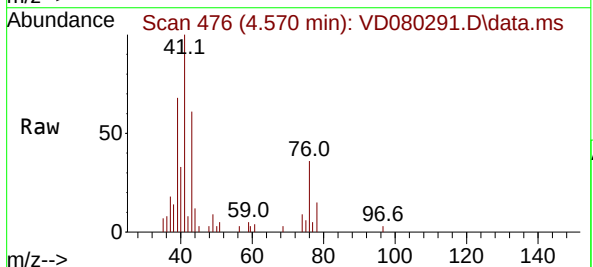
Instrument :
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ClientSampleId :
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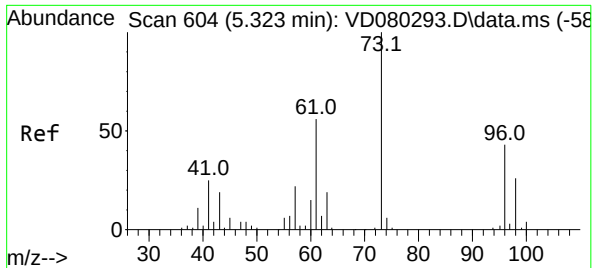
Tgt Ion: 76 Resp: 53524
Ion Ratio Lower Upper
76 100
78 9.3 6.6 10.0



#18
Methyl Acetate
Concen: 10.911 ug/l
RT: 4.570 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 43 Resp: 11017
Ion Ratio Lower Upper
43 100
74 12.0 20.4 30.6#

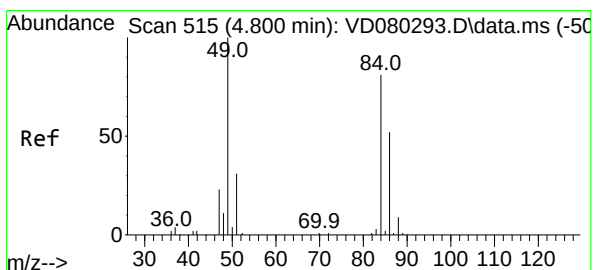
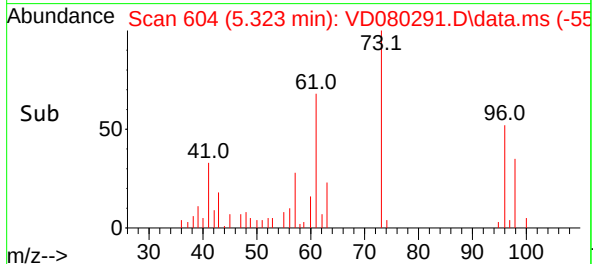
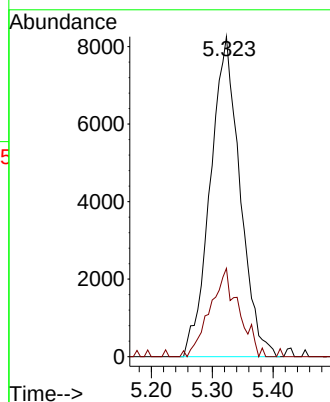
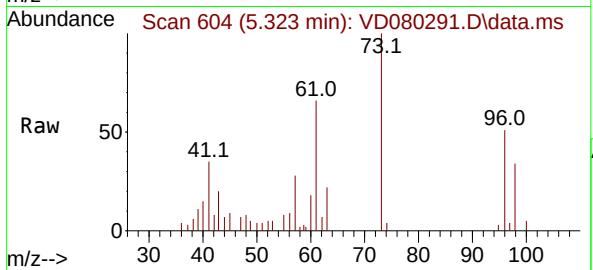




#19
Methyl tert-butyl Ether
Concen: 8.726 ug/l
RT: 5.323 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

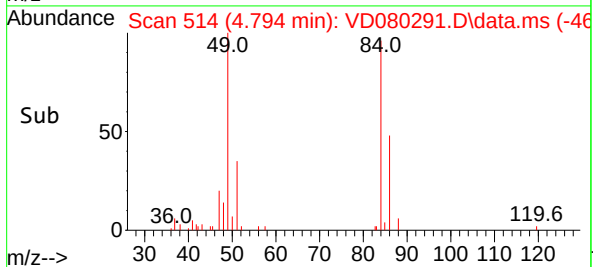
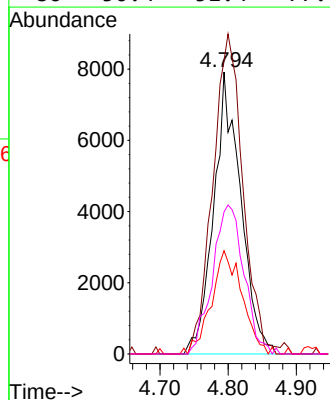
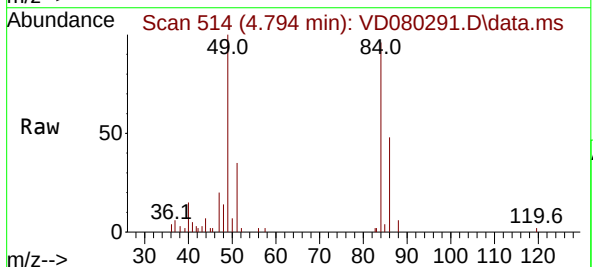
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

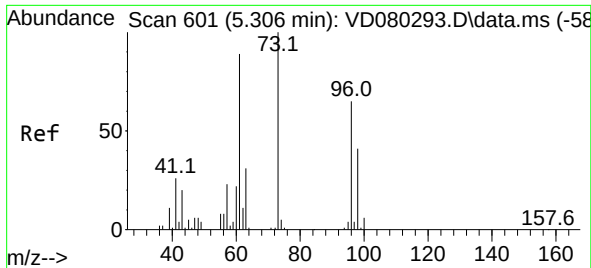
Tgt Ion: 73 Resp: 27966
Ion Ratio Lower Upper
73 100
57 27.6 17.5 26.3#



#20
Methylene Chloride
Concen: 10.071 ug/l
RT: 4.794 min Scan# 514
Delta R.T. -0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 84 Resp: 21842
Ion Ratio Lower Upper
84 100
49 104.0 98.7 148.1
51 36.6 30.8 46.2
86 50.4 51.4 77.0#

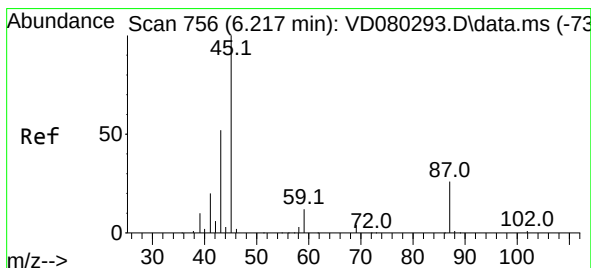
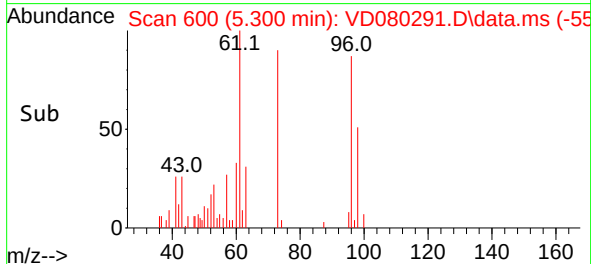
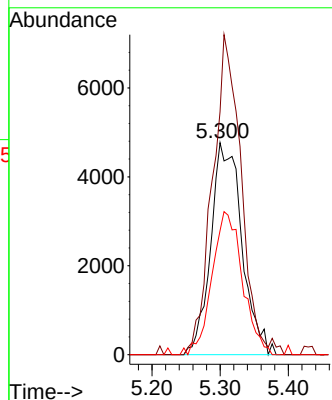
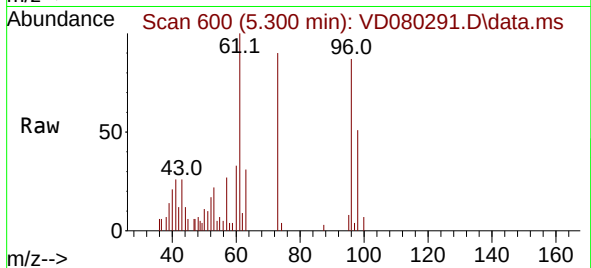




#21
trans-1,2-Dichloroethene
Concen: 9.532 ug/l
RT: 5.300 min Scan# 601
Delta R.T. -0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

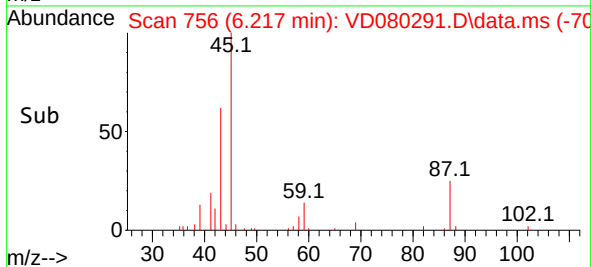
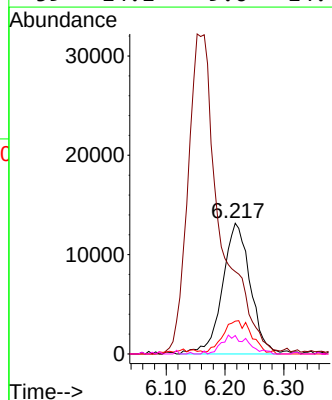
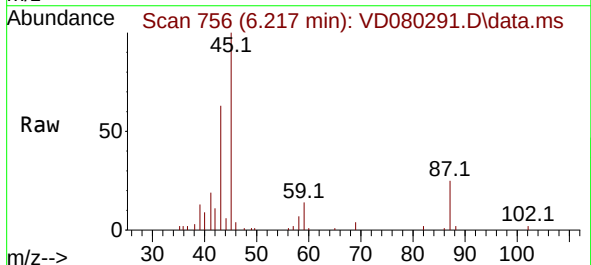
Instrument :
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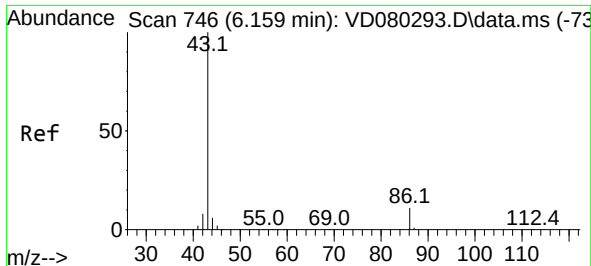
Tgt Ion: 96 Resp: 15107
Ion Ratio Lower Upper
96 100
61 114.6 109.9 164.9
98 58.5 50.6 75.8



#22
Diisopropyl ether
Concen: 9.135 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 45 Resp: 43174
Ion Ratio Lower Upper
45 100
43 60.8 42.5 63.7
87 25.1 21.4 32.0
59 14.1 9.6 14.4

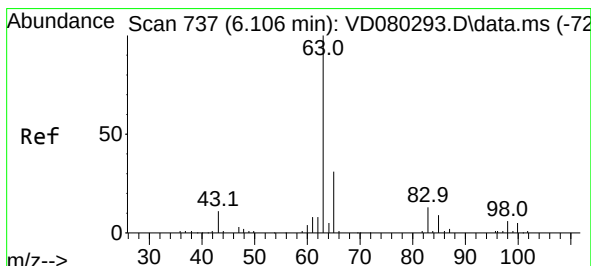
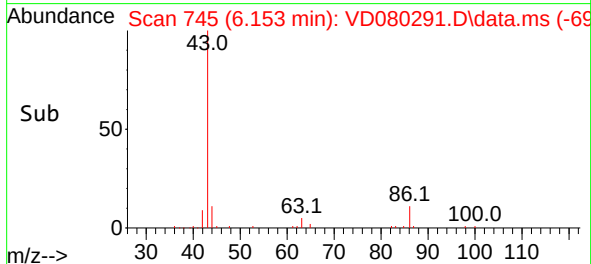
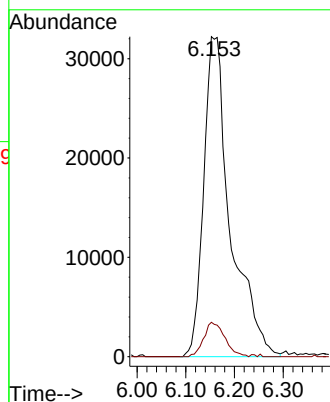
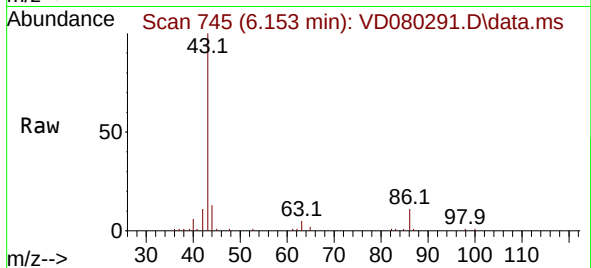




#23
 Vinyl Acetate
 Concen: 44.577 ug/l
 RT: 6.153 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD080291.D
 Acq: 06 May 2025 13:55

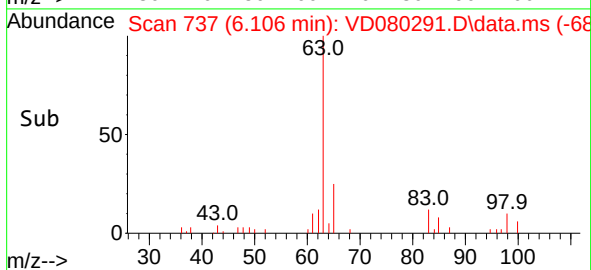
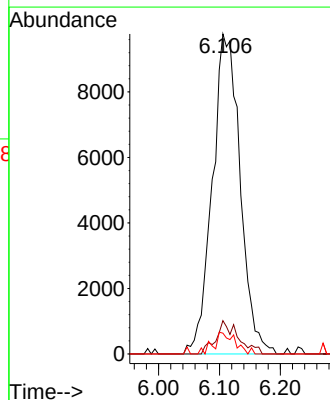
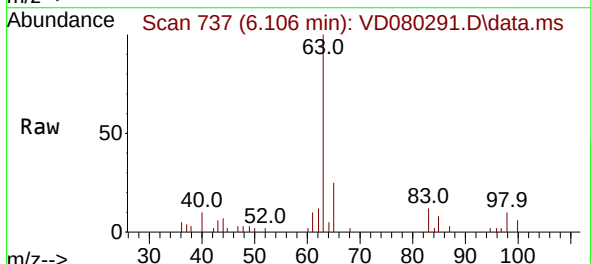
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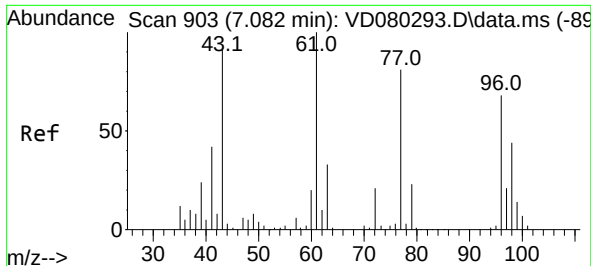
Tgt Ion: 43 Resp: 122708
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 10.427 ug/l
 RT: 6.106 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD080291.D
 Acq: 06 May 2025 13:55

Tgt Ion: 63 Resp: 31010
 Ion Ratio Lower Upper
 63 100
 98 10.4 3.1 9.3#
 100 6.5 2.3 6.9

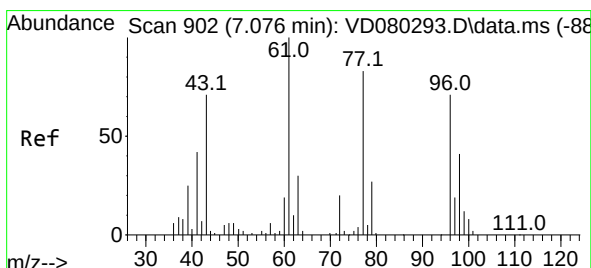
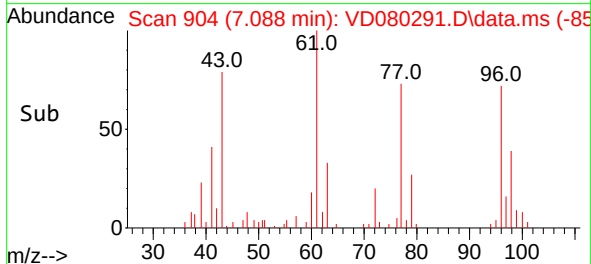
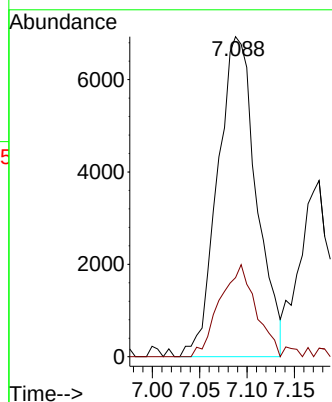
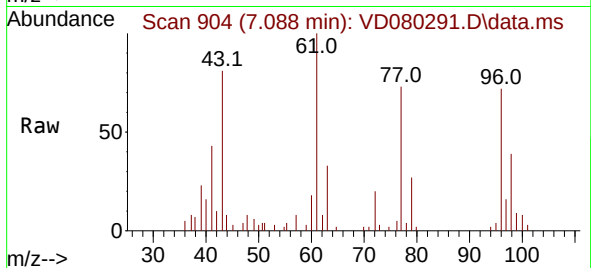




#25
2-Butanone
Concen: 46.094 ug/l
RT: 7.088 min Scan# 904
Delta R.T. 0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

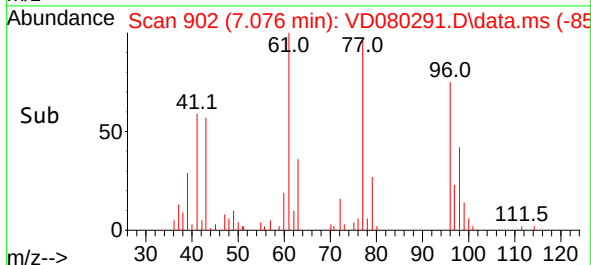
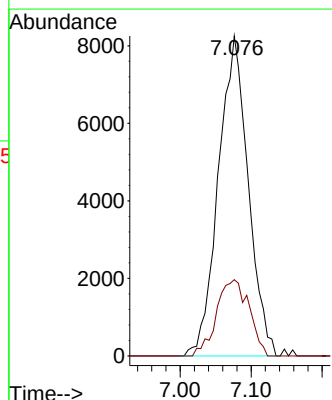
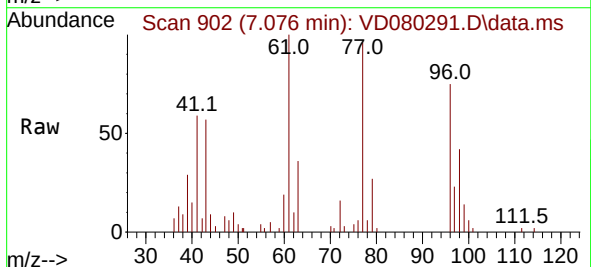
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

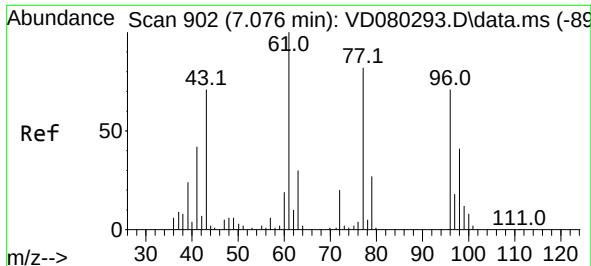
Tgt Ion: 43 Resp: 19760
Ion Ratio Lower Upper
43 100
72 24.7 19.0 28.4



#26
2,2-Dichloropropane
Concen: 10.181 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 77 Resp: 24094
Ion Ratio Lower Upper
77 100
97 26.0 12.0 36.1

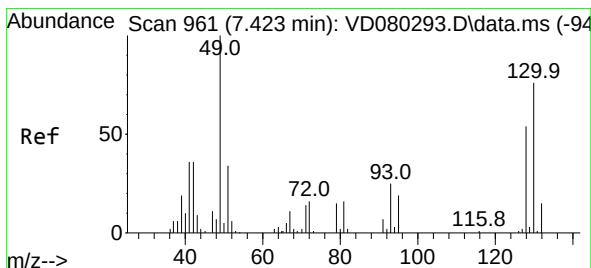
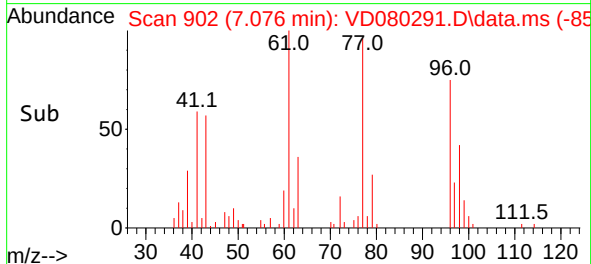
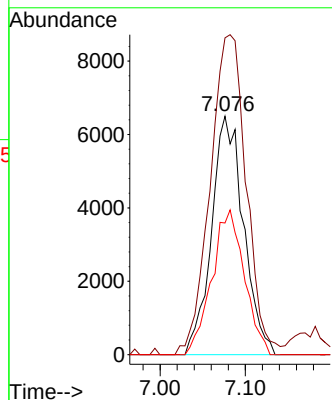
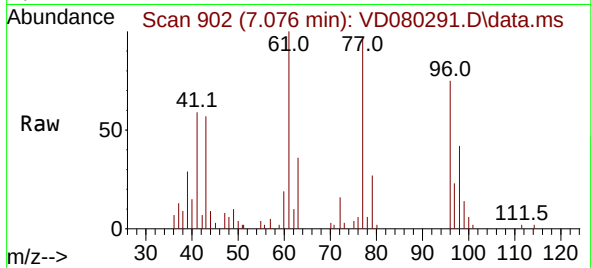




#27
 cis-1,2-Dichloroethene
 Concen: 9.671 ug/l
 RT: 7.076 min Scan# 902
 Delta R.T. -0.000 min
 Lab File: VD080291.D
 Acq: 06 May 2025 13:55

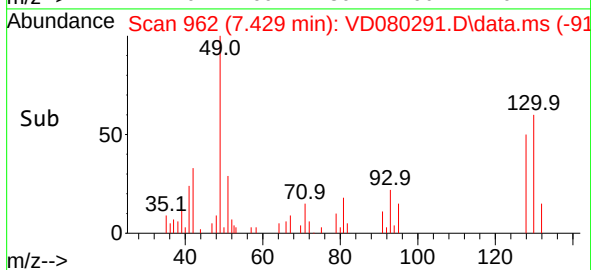
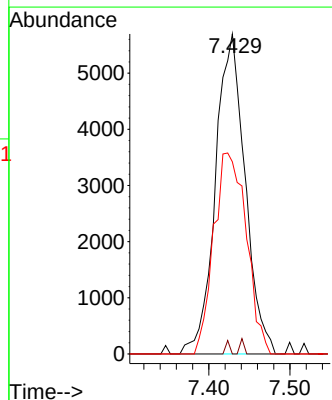
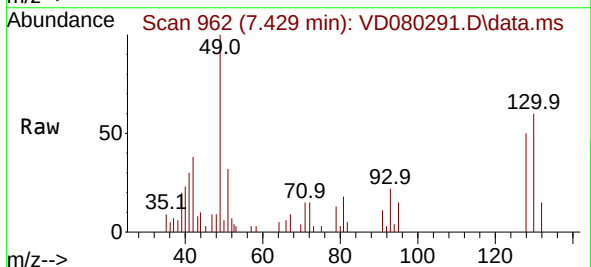
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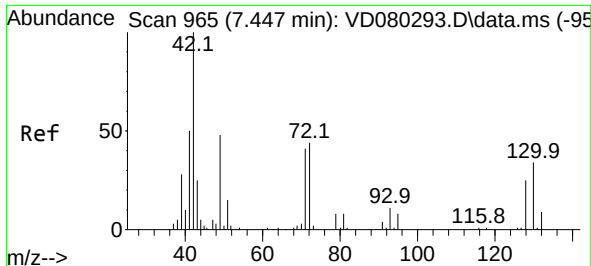
Tgt Ion: 96 Resp: 16982
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 293.8
 98 61.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 10.448 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.006 min
 Lab File: VD080291.D
 Acq: 06 May 2025 13:55

Tgt Ion: 49 Resp: 14468
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.0
 130 69.0 56.0 84.0





#29

Tetrahydrofuran

Concen: 46.270 ug/l

RT: 7.453 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

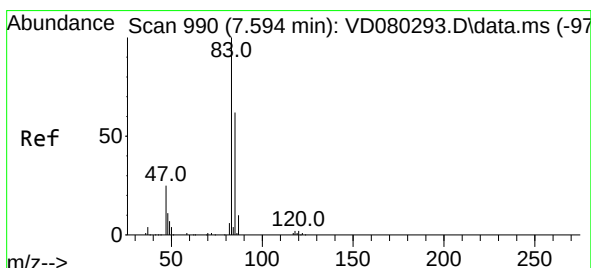
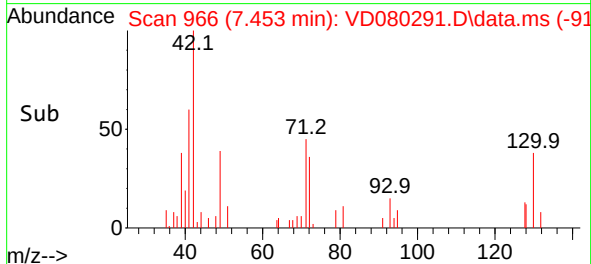
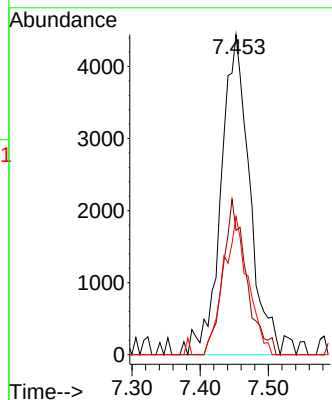
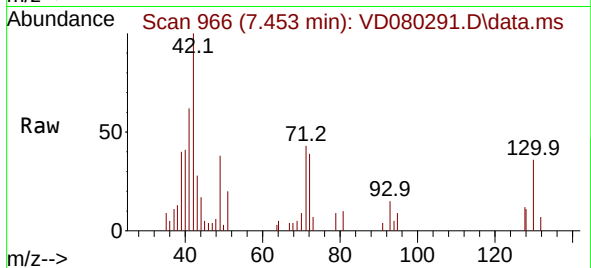
Tgt Ion: 42 Resp: 12933

Ion Ratio Lower Upper

42 100

72 40.1 32.8 49.2

71 37.8 33.8 50.6



#30

Chloroform

Concen: 10.026 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.000 min

Lab File: VD080291.D

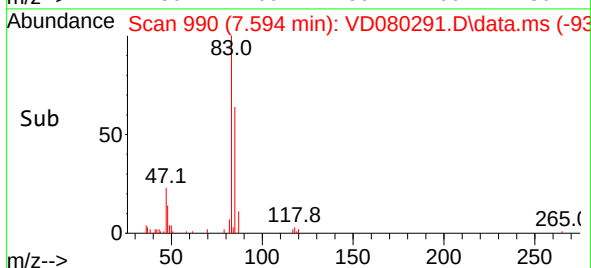
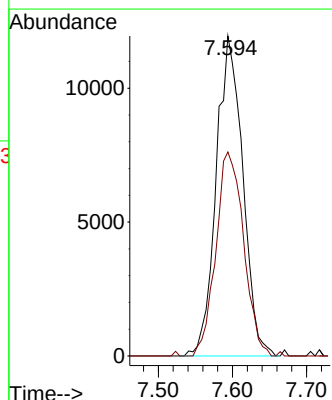
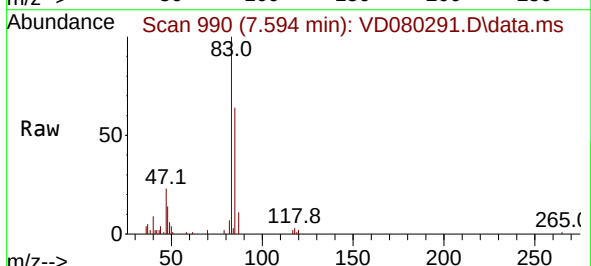
Acq: 06 May 2025 13:55

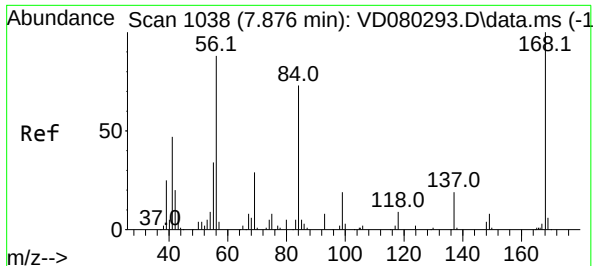
Tgt Ion: 83 Resp: 29736

Ion Ratio Lower Upper

83 100

85 63.8 50.0 75.0

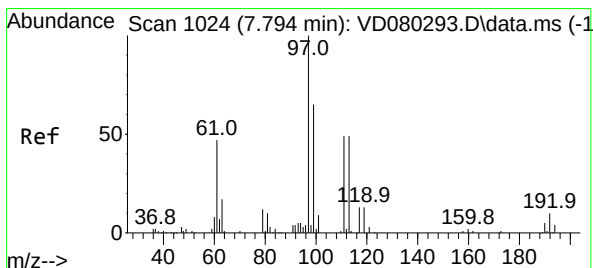
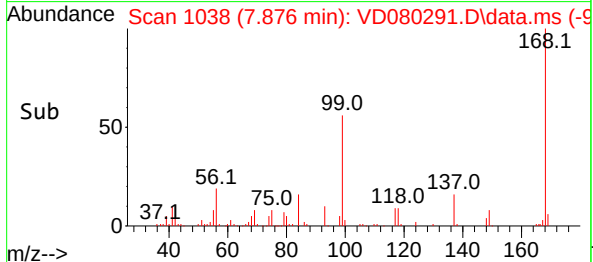
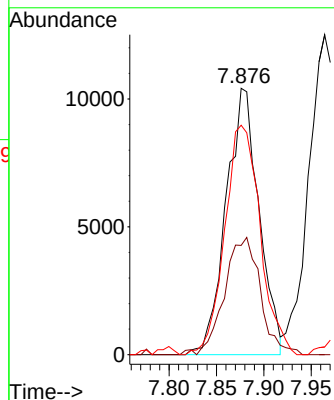
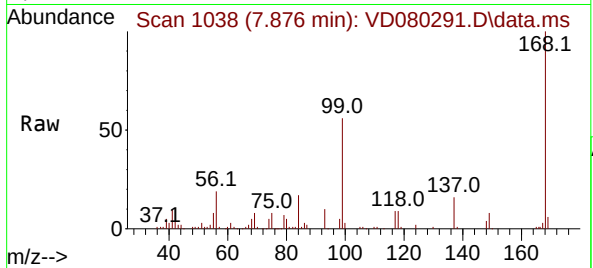




#31
Cyclohexane
Concen: 9.933 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

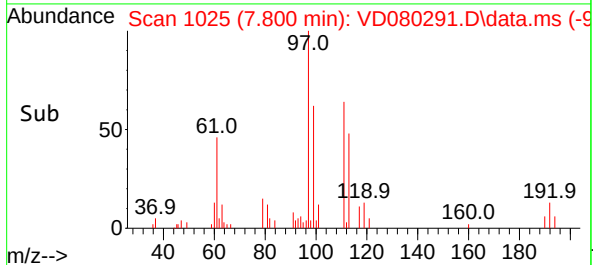
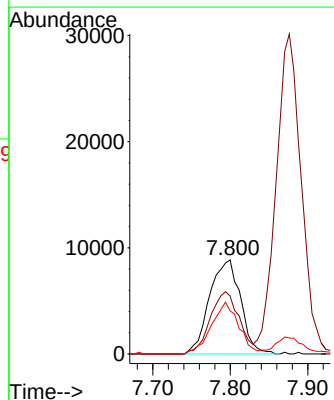
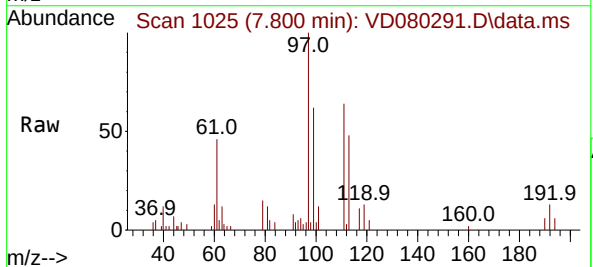
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

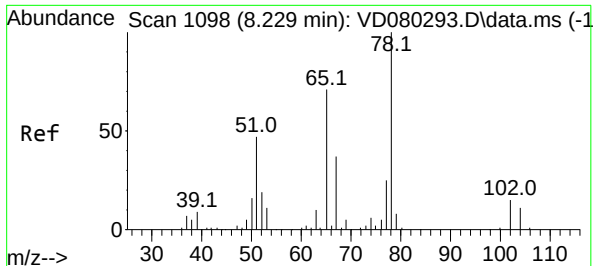
Tgt Ion: 56 Resp: 25143
Ion Ratio Lower Upper
56 100
69 41.0 26.1 39.1#
84 86.1 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 10.178 ug/l
RT: 7.800 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 97 Resp: 24628
Ion Ratio Lower Upper
97 100
99 61.4 52.4 78.6
61 49.4 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 10.229 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

Instrument :

MSVOA_D

ClientSampleId :

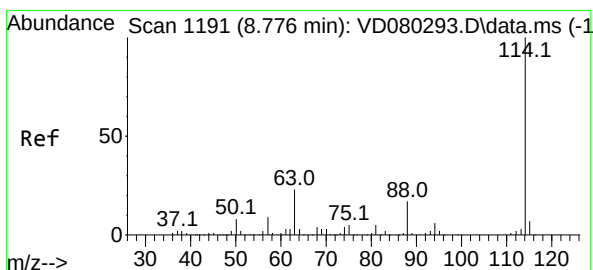
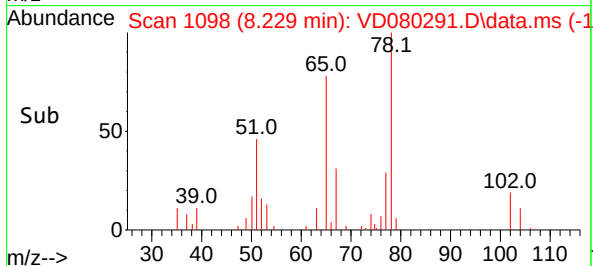
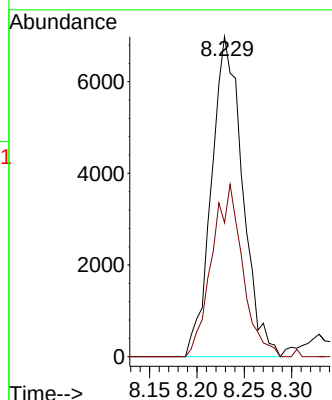
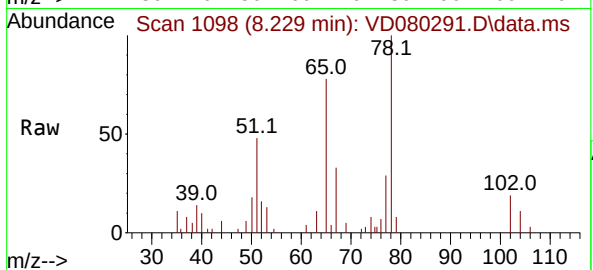
VSTDIC010

Tgt Ion: 65 Resp: 15938

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

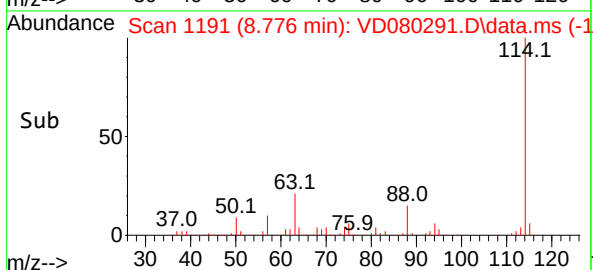
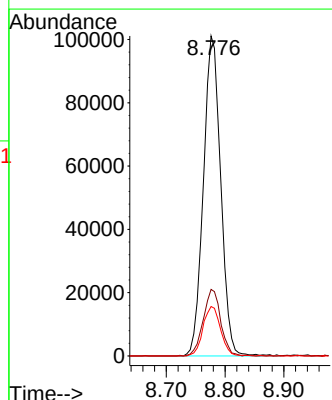
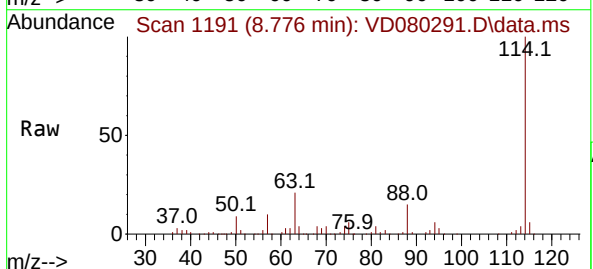
Tgt Ion: 114 Resp: 207661

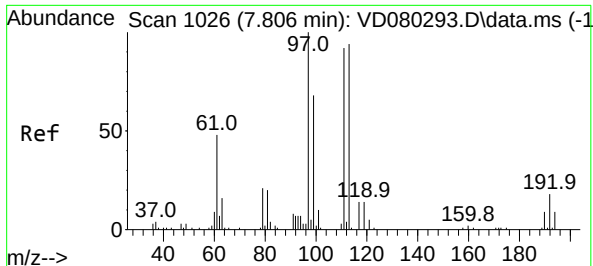
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 9.555 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

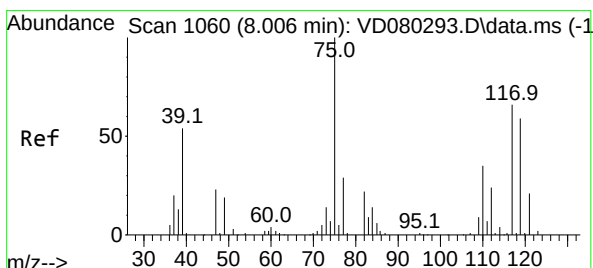
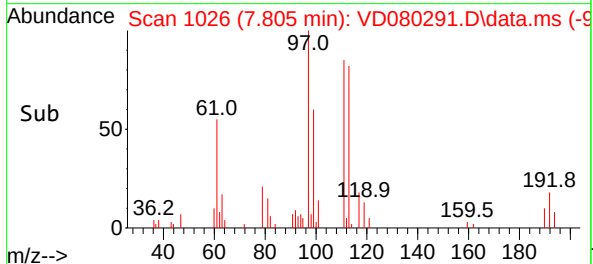
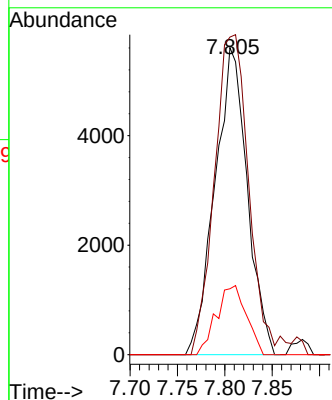
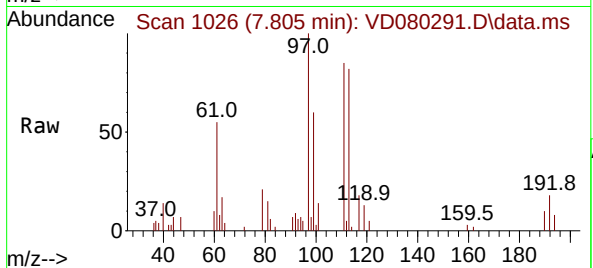
Tgt Ion:113 Resp: 13299

Ion Ratio Lower Upper

113 100

111 111.4 80.7 121.1

192 20.9 15.7 23.5



#36

1,1-Dichloropropene

Concen: 9.523 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

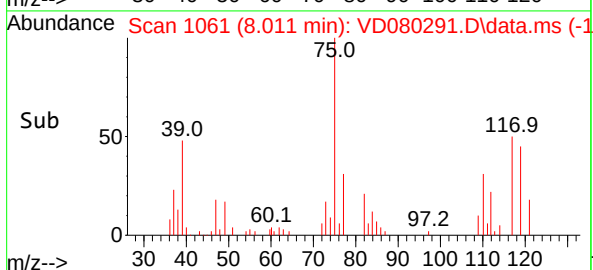
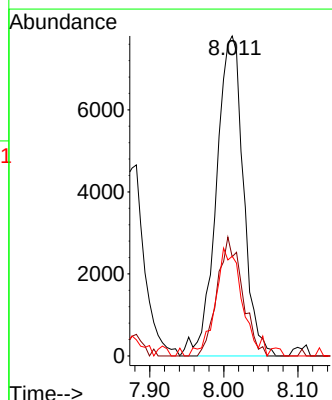
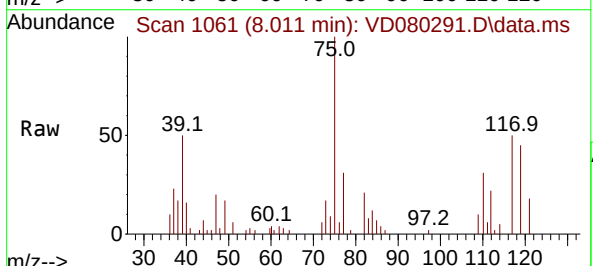
Tgt Ion: 75 Resp: 19810

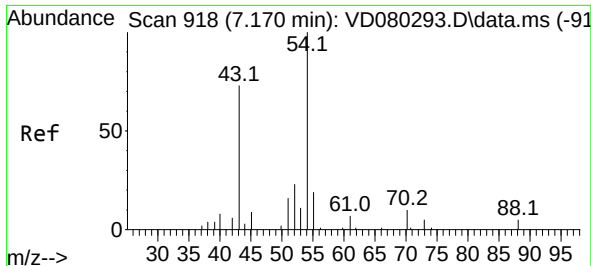
Ion Ratio Lower Upper

75 100

110 34.6 17.1 51.2

77 33.6 24.9 37.3





#37

Ethyl Acetate

Concen: 9.670 ug/l

RT: 7.176 min Scan# 918

Delta R.T. 0.006 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

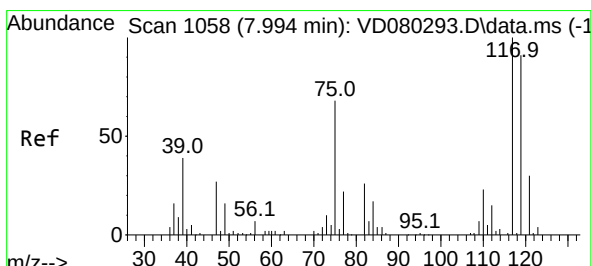
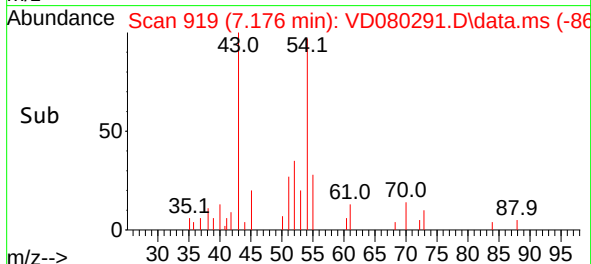
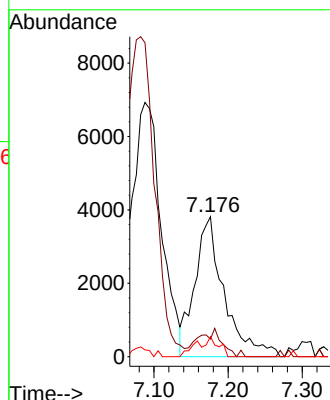
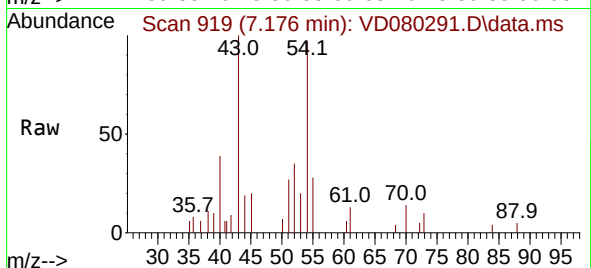
Tgt Ion: 43 Resp: 10491

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 6.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 10.182 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

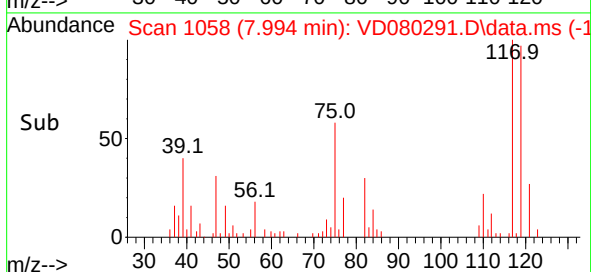
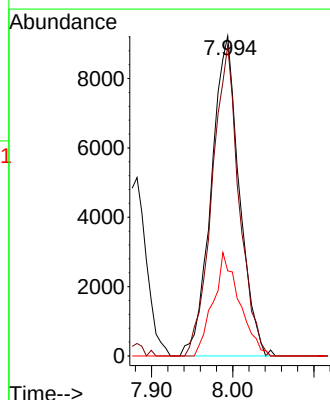
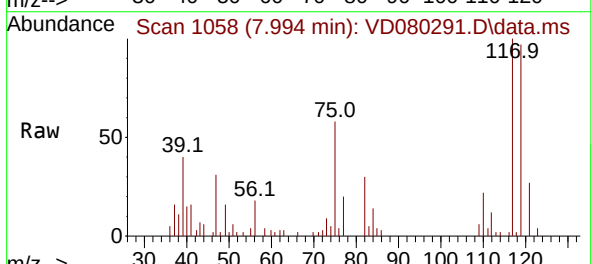
Tgt Ion: 117 Resp: 22088

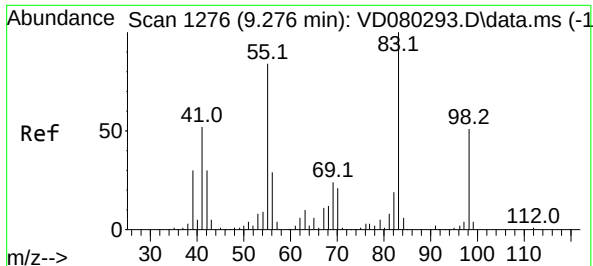
Ion Ratio Lower Upper

117 100

119 97.0 72.7 109.1

121 26.6 24.4 36.6





#39

Methylcyclohexane

Concen: 9.149 ug/l

RT: 9.270 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

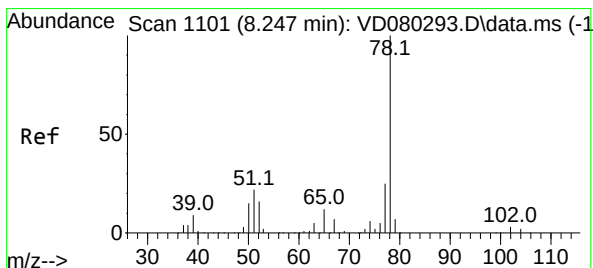
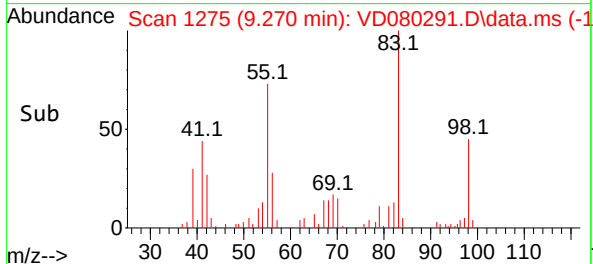
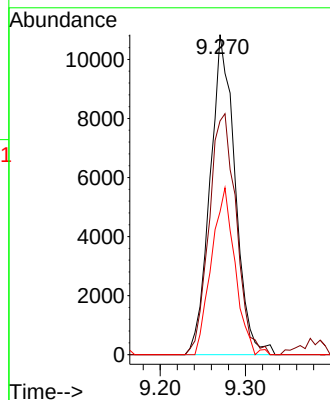
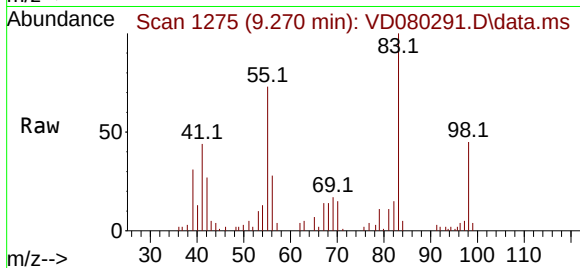
Tgt Ion: 83 Resp: 22083

Ion Ratio Lower Upper

83 100

55 73.1 67.4 101.2

98 44.7 40.6 61.0



#40

Benzene

Concen: 9.423 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VD080291.D

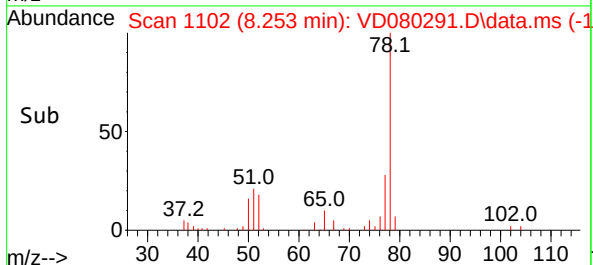
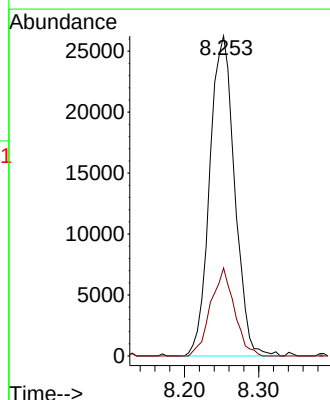
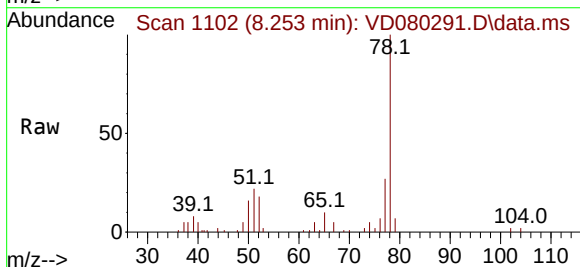
Acq: 06 May 2025 13:55

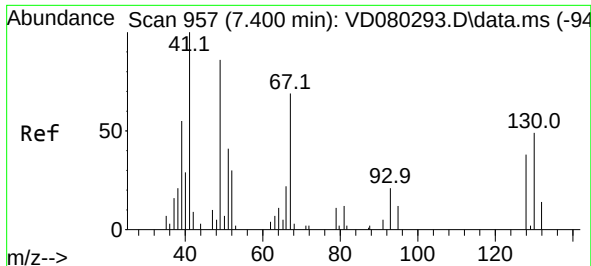
Tgt Ion: 78 Resp: 61413

Ion Ratio Lower Upper

78 100

77 27.5 19.8 29.8

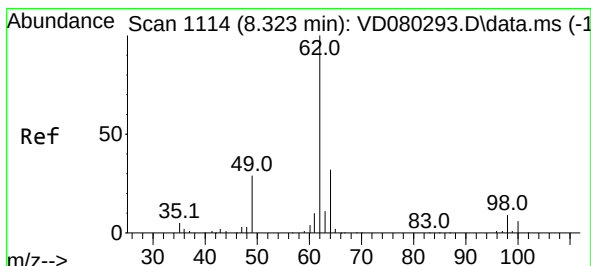
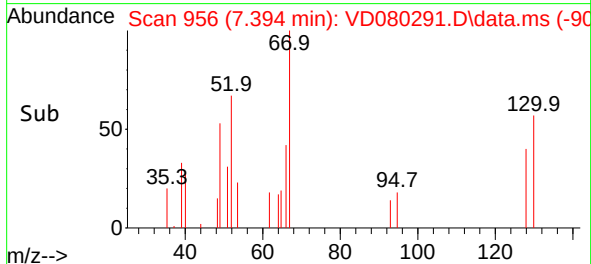
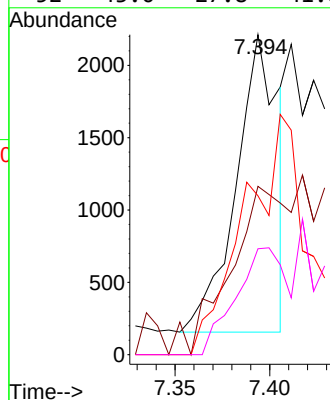
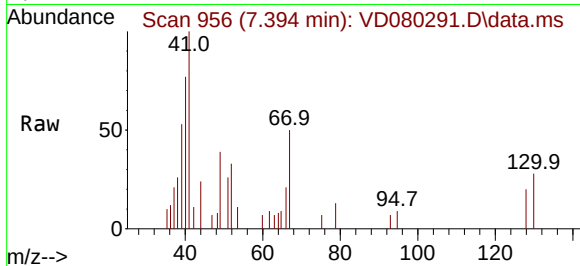




#41
Methacrylonitrile
Concen: 5.295 ug/l
RT: 7.394 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

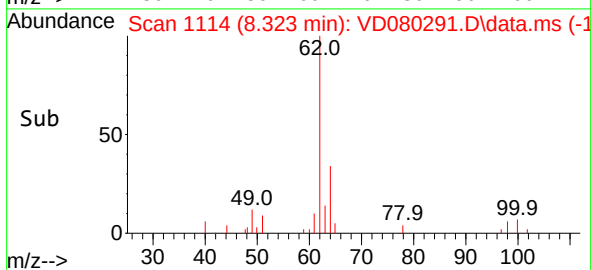
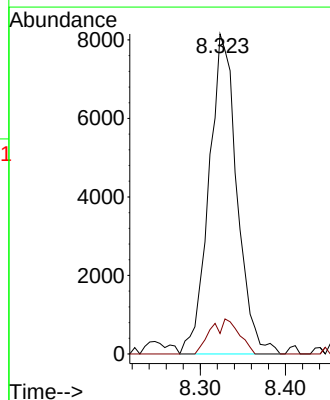
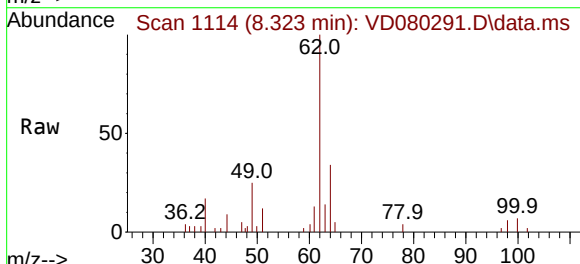
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

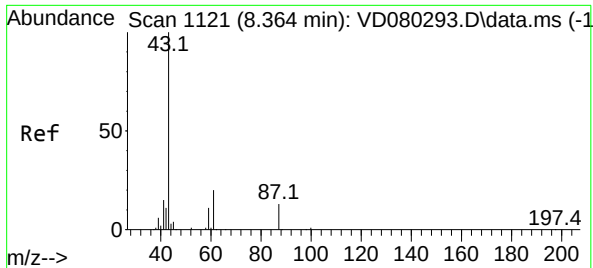
Tgt Ion:	41	Resp:	3187
Ion	Ratio	Lower	Upper
41	100		
39	80.1	44.4	66.6#
67	122.6	57.1	85.7#
52	43.0	27.8	41.8#



#42
1,2-Dichloroethane
Concen: 9.859 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion:	62	Resp:	18620
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.2

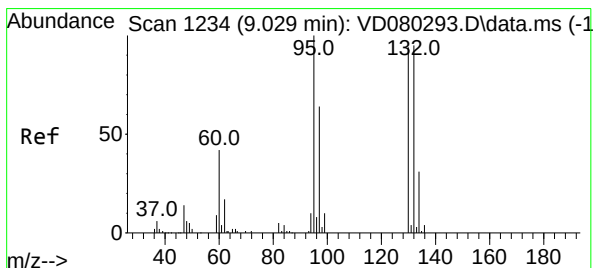
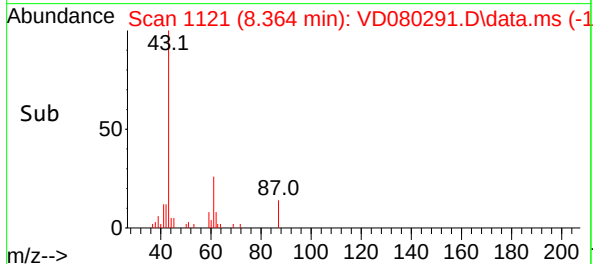
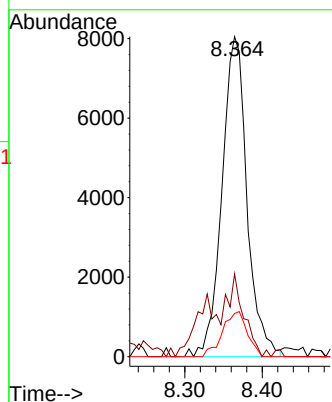
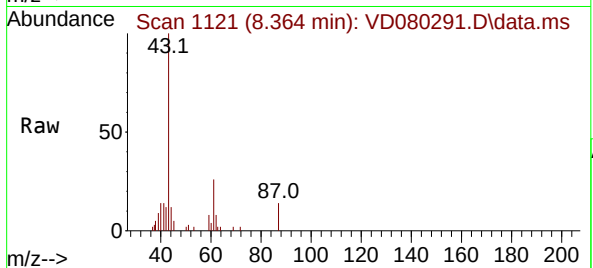




#43
Isopropyl Acetate
Concen: 9.177 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

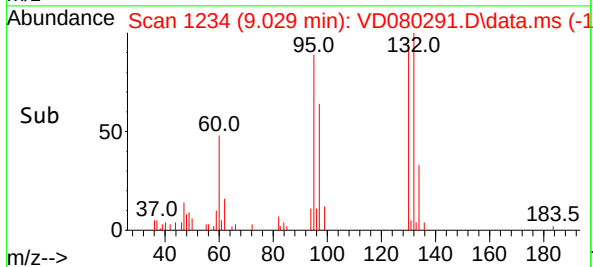
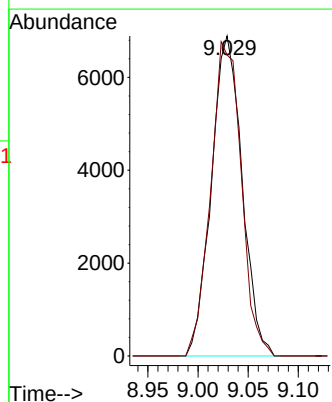
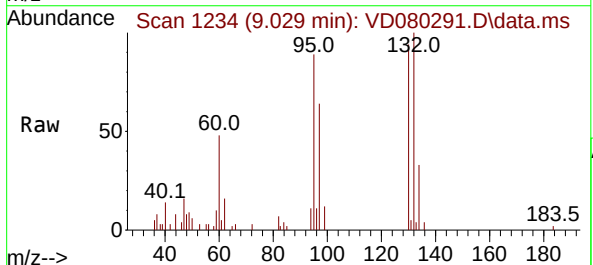
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

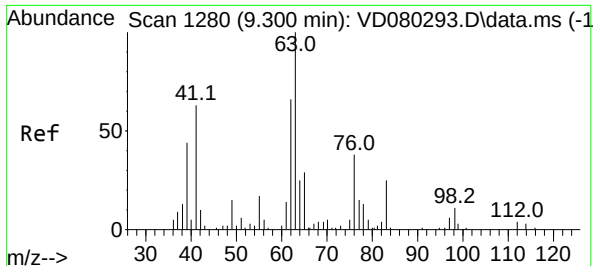
Tgt Ion: 43 Resp: 18100
Ion Ratio Lower Upper
43 100
61 17.6 16.7 25.1
87 13.9 10.4 15.6



#44
Trichloroethene
Concen: 9.693 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion:130 Resp: 14665
Ion Ratio Lower Upper
130 100
95 94.0 0.0 212.2





#45

1,2-Dichloropropane

Concen: 9.711 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

Instrument :

MSVOA_D

ClientSampleId :

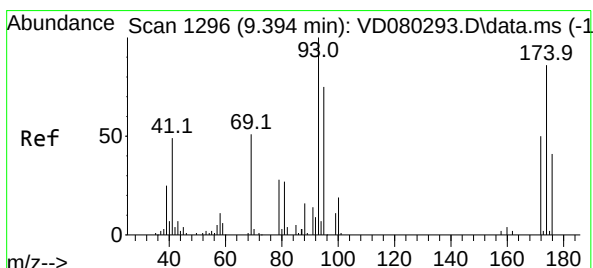
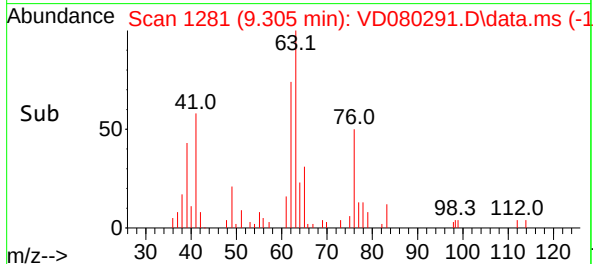
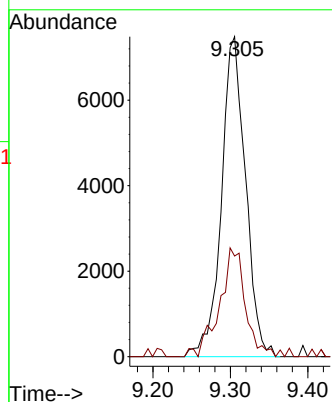
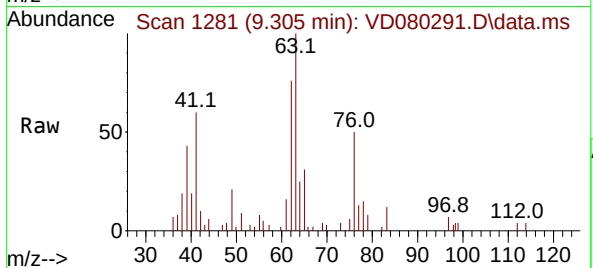
VSTDIC010

Tgt Ion: 63 Resp: 16232

Ion Ratio Lower Upper

63 100

65 31.5 22.9 34.3



#46

Dibromomethane

Concen: 9.966 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

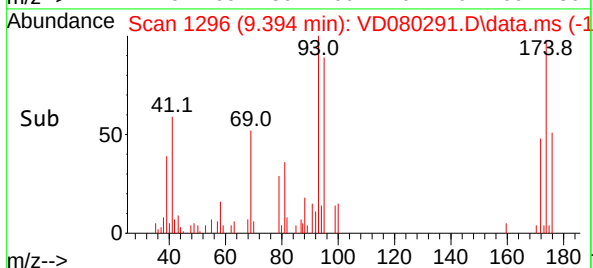
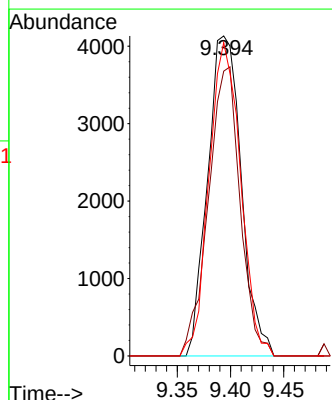
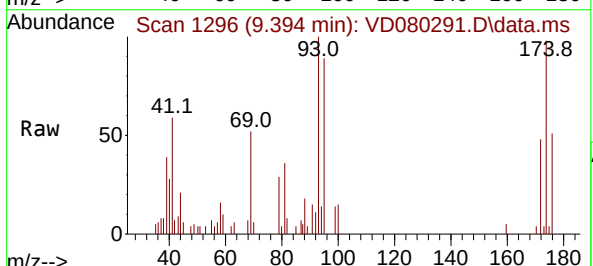
Tgt Ion: 93 Resp: 9070

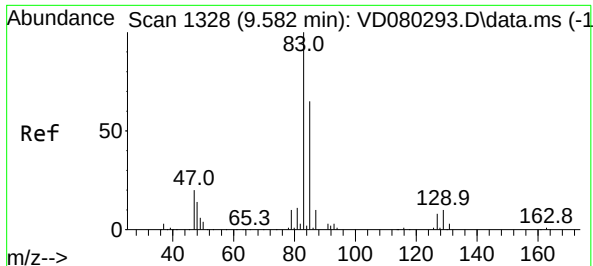
Ion Ratio Lower Upper

93 100

95 85.4 67.3 100.9

174 92.3 75.5 113.3





#47

Bromodichloromethane

Concen: 9.751 ug/l

RT: 9.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

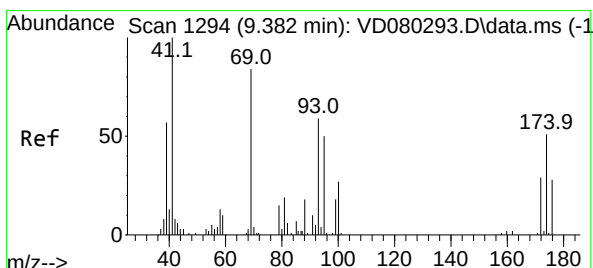
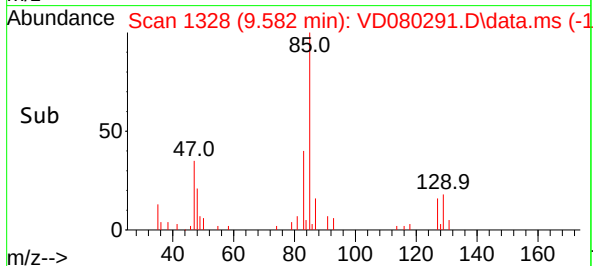
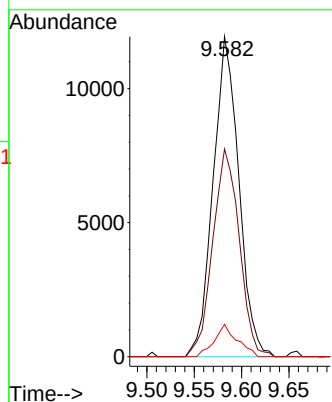
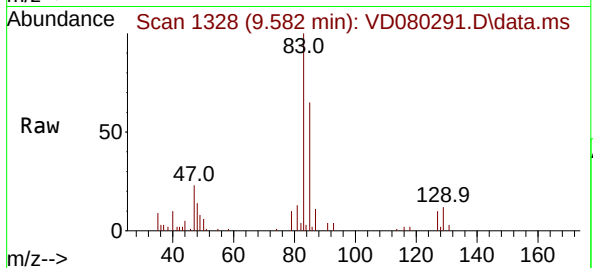
Tgt Ion: 83 Resp: 22525

Ion Ratio Lower Upper

83 100

85 64.9 51.7 77.5

127 10.1 6.6 9.8#



#48

Methyl methacrylate

Concen: 8.071 ug/l

RT: 9.376 min Scan# 1293

Delta R.T. -0.006 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

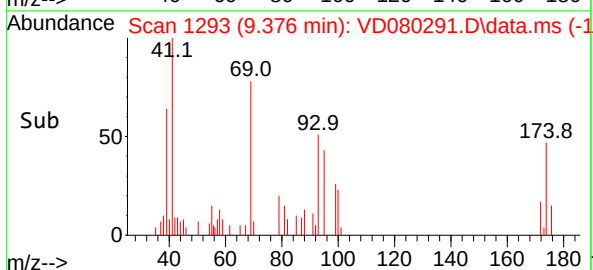
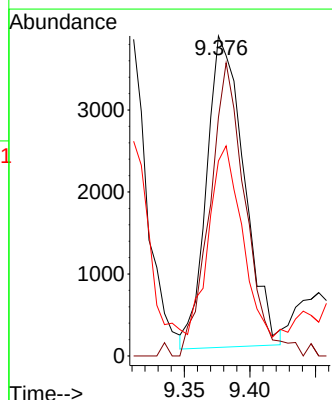
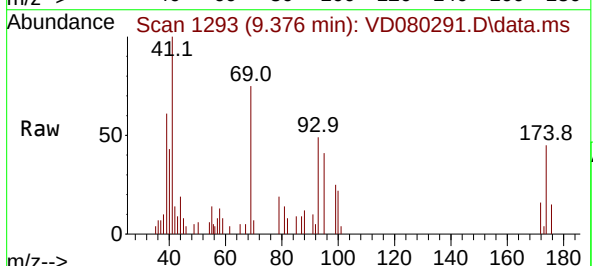
Tgt Ion: 41 Resp: 7564

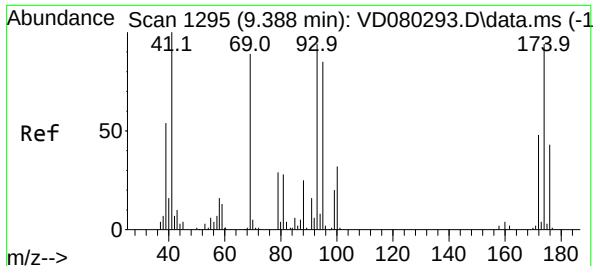
Ion Ratio Lower Upper

41 100

69 90.3 67.8 101.8

39 54.1 47.5 71.3





#49

1,4-Dioxane

Concen: 166.725 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

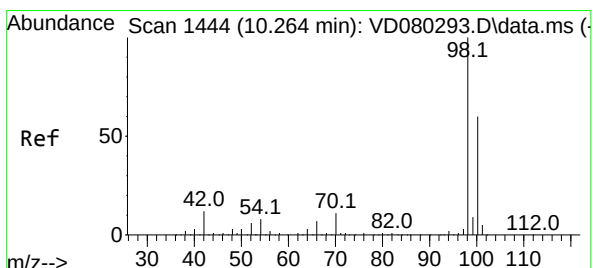
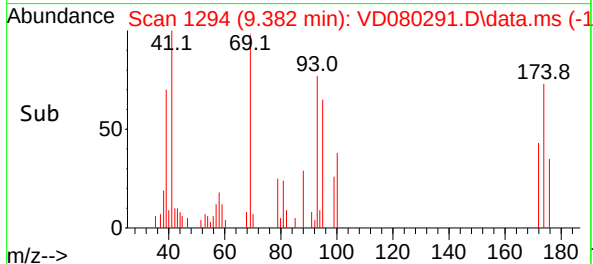
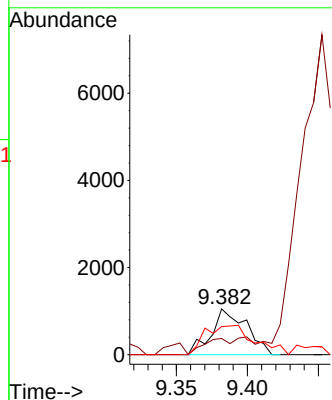
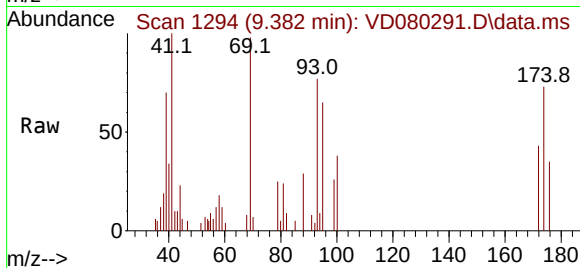
Tgt Ion: 88 Resp: 1804

Ion Ratio Lower Upper

88 100

43 26.9 31.4 47.2#

58 89.3 61.8 92.6



#50

Toluene-d8

Concen: 9.320 ug/l

RT: 10.264 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VD080291.D

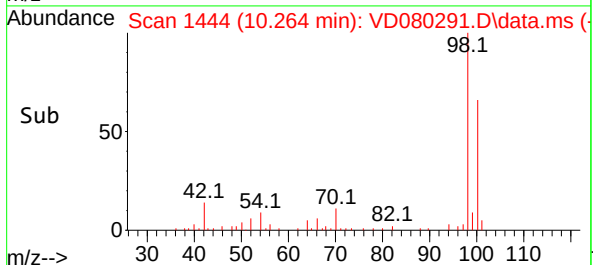
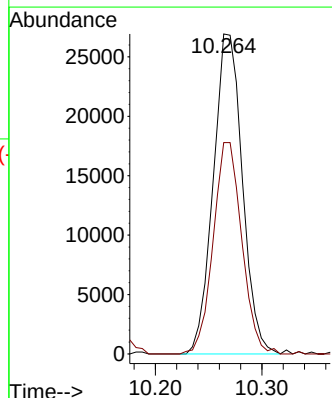
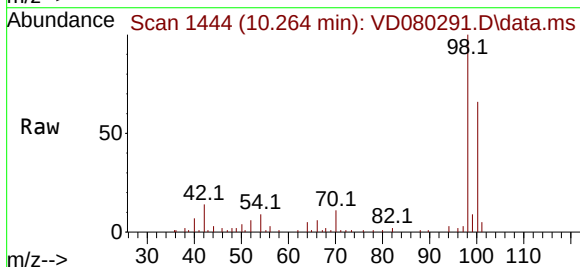
Acq: 06 May 2025 13:55

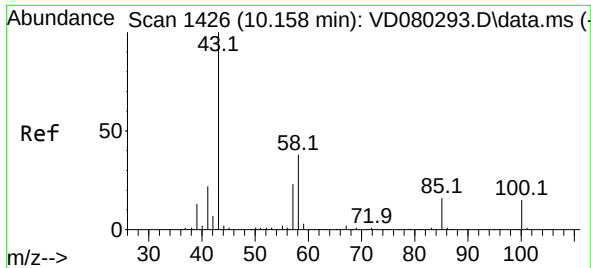
Tgt Ion: 98 Resp: 51113

Ion Ratio Lower Upper

98 100

100 64.9 50.0 75.0

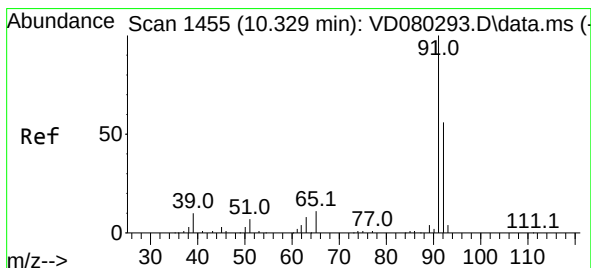
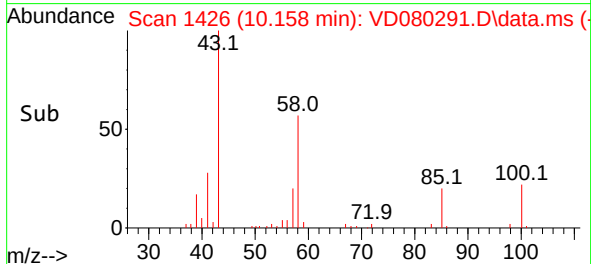
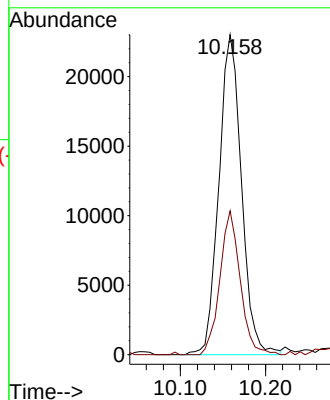
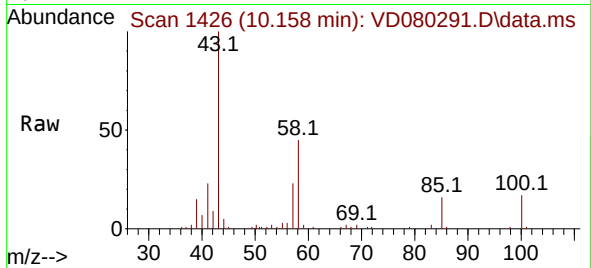




#51
4-Methyl-2-Pentanone
Concen: 41.690 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

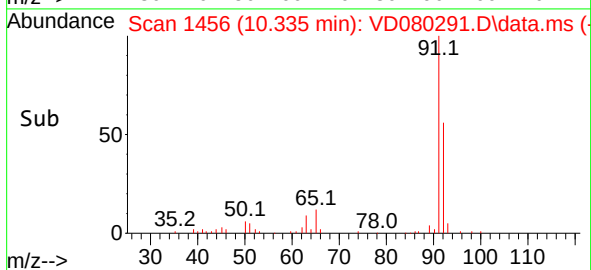
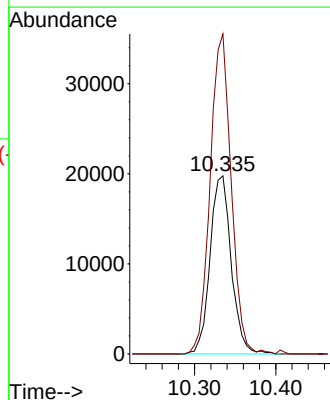
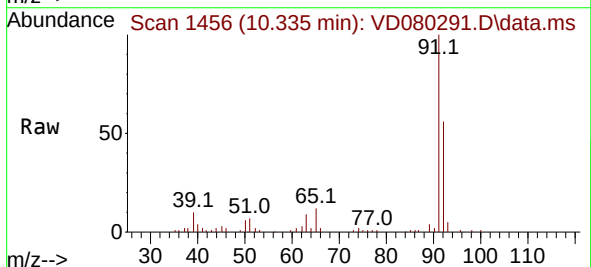
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

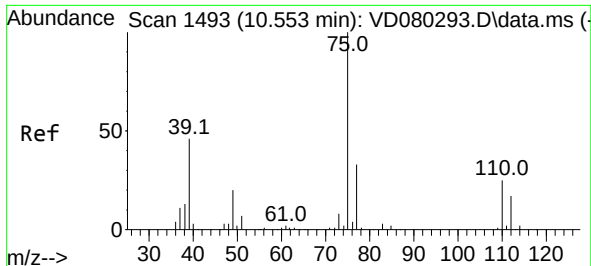
Tgt Ion: 43 Resp: 42369
Ion Ratio Lower Upper
43 100
58 40.5 30.6 46.0



#52
Toluene
Concen: 9.126 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 92 Resp: 35833
Ion Ratio Lower Upper
92 100
91 178.1 143.4 215.2

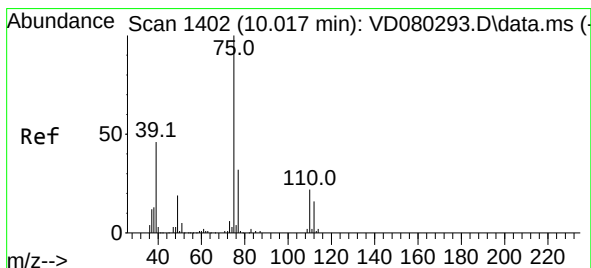
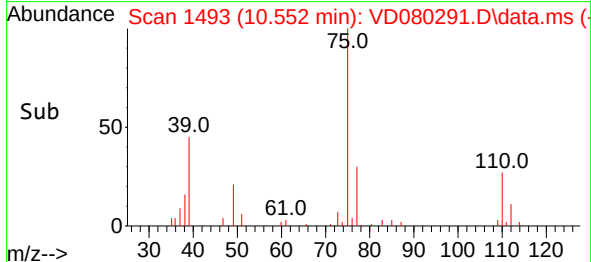
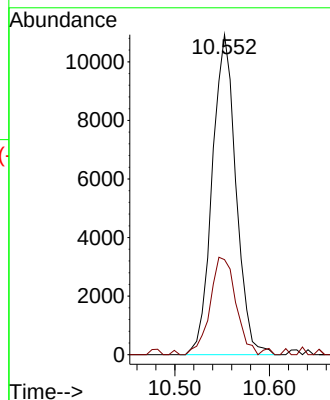
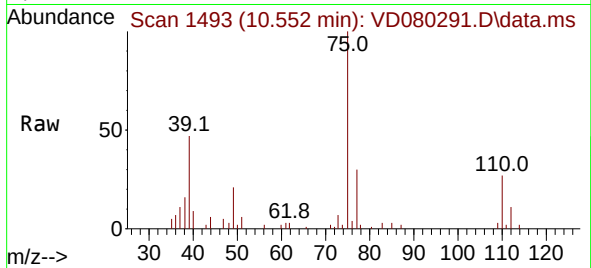




#53
t-1,3-Dichloropropene
Concen: 9.041 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

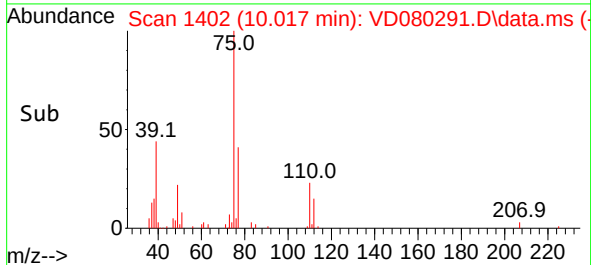
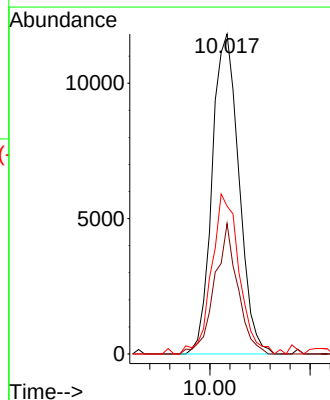
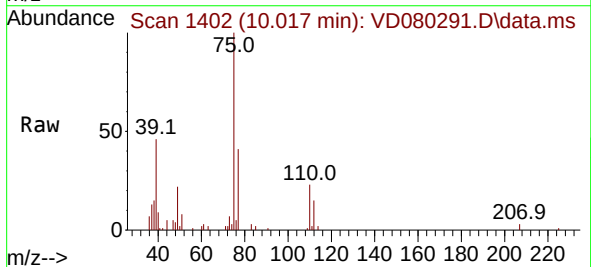
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

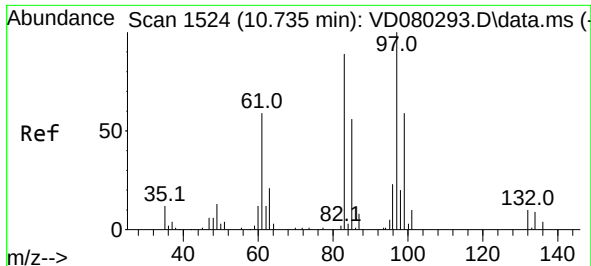
Tgt Ion: 75 Resp: 19040
Ion Ratio Lower Upper
75 100
77 29.7 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 8.980 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 75 Resp: 21913
Ion Ratio Lower Upper
75 100
77 40.7 25.8 38.6#
39 46.2 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 9.692 ug/l

RT: 10.735 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 11668

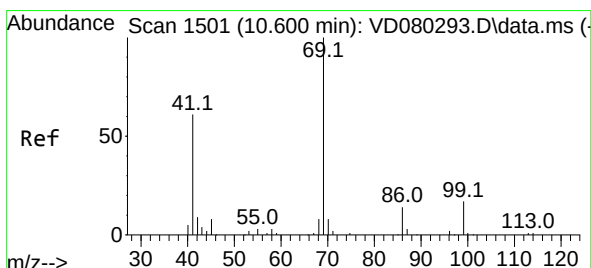
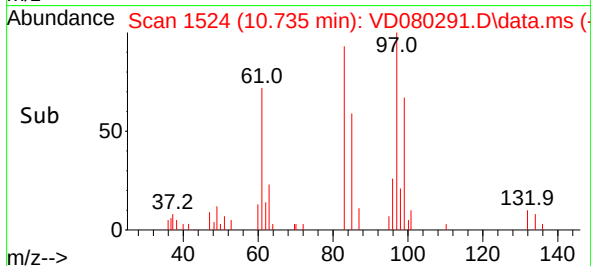
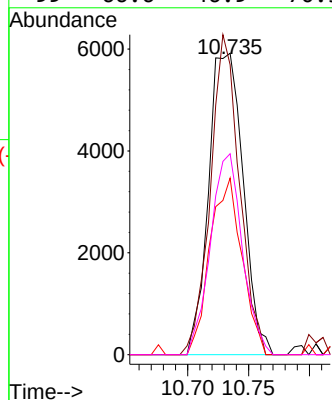
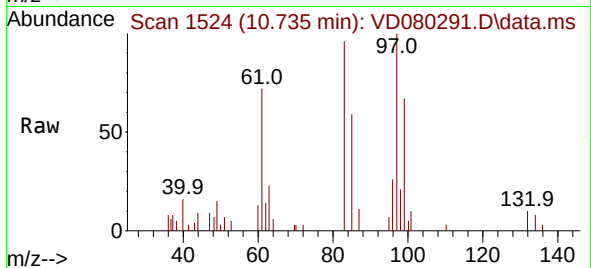
Ion Ratio Lower Upper

97 100

83 96.2 71.0 106.4

85 58.6 44.9 67.3

99 66.6 46.9 70.3



#56

Ethyl methacrylate

Concen: 8.546 ug/l

RT: 10.599 min Scan# 1501

Delta R.T. -0.000 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

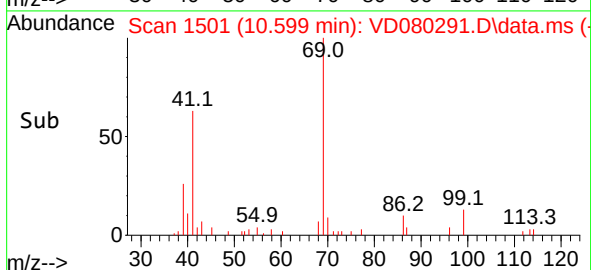
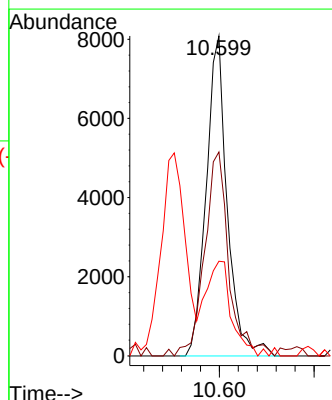
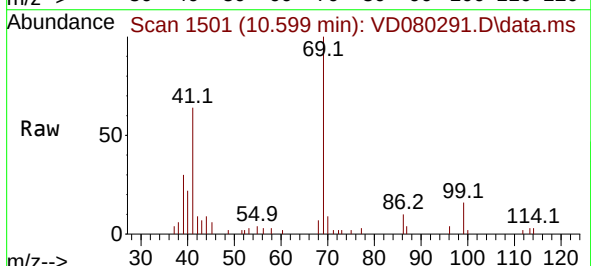
Tgt Ion: 69 Resp: 12467

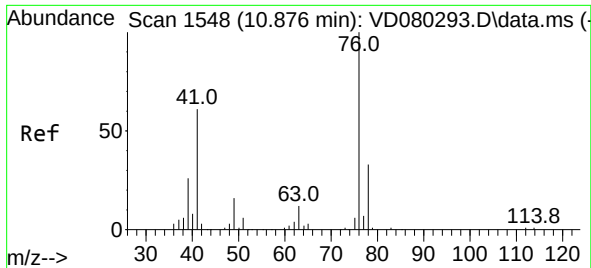
Ion Ratio Lower Upper

69 100

41 73.5 53.2 79.8

39 35.9 28.2 42.2

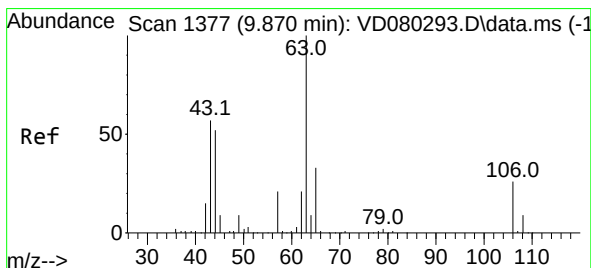
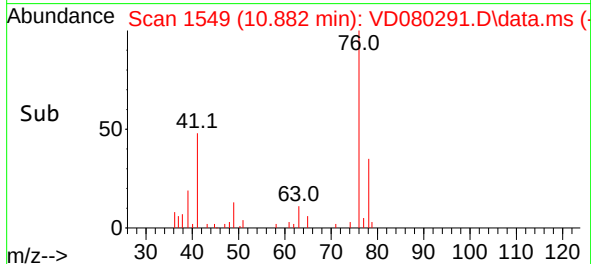
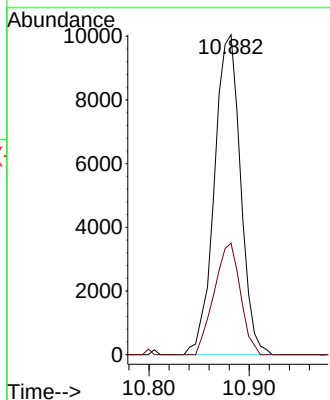
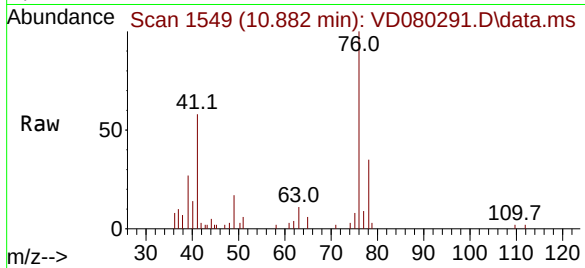




#57
1,3-Dichloropropane
Concen: 9.107 ug/l
RT: 10.882 min Scan# 1549
Delta R.T. 0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

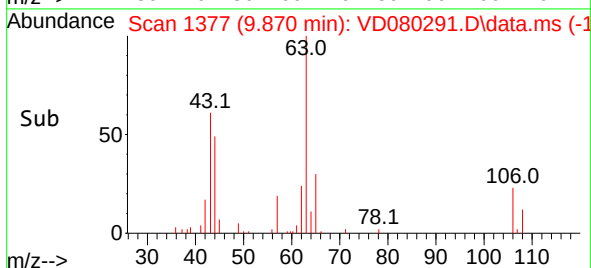
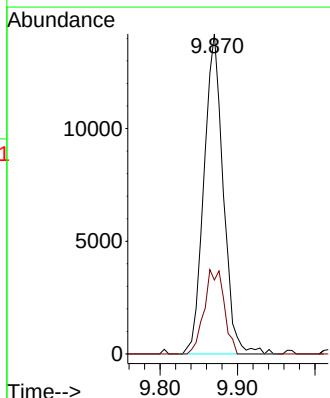
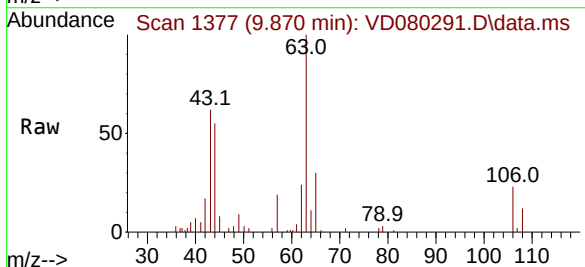
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

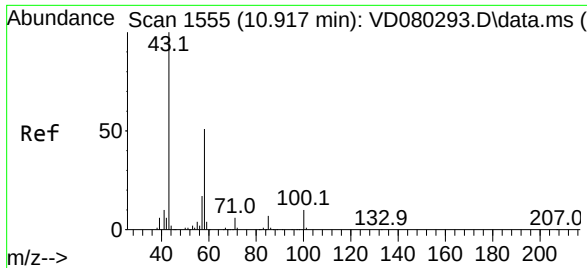
Tgt Ion: 76 Resp: 18220
Ion Ratio Lower Upper
76 100
78 34.8 27.2 40.8



#58
2-Chloroethyl Vinyl ether
Concen: 41.152 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 63 Resp: 24567
Ion Ratio Lower Upper
63 100
106 27.2 20.8 31.2

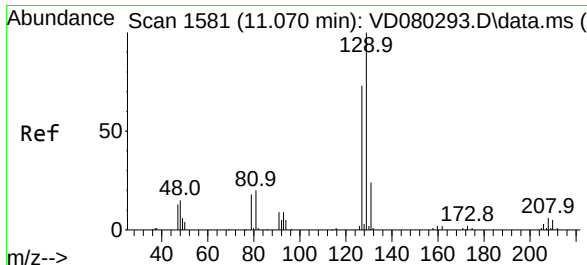
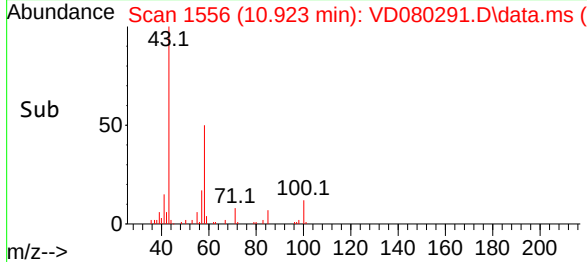
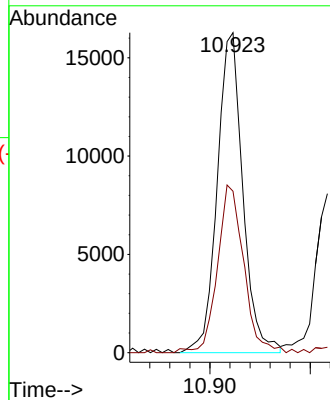
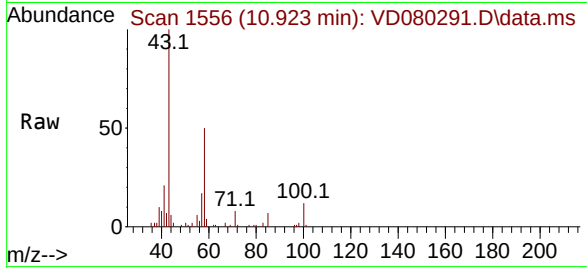




#59
2-Hexanone
Concen: 41.190 ug/l
RT: 10.923 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

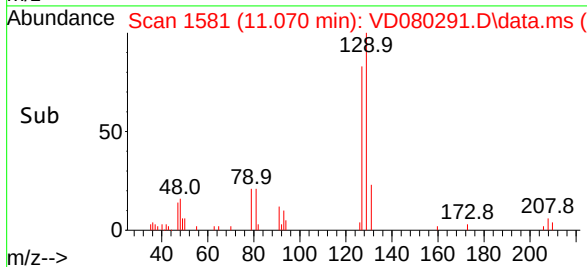
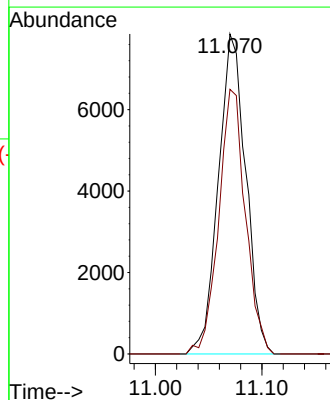
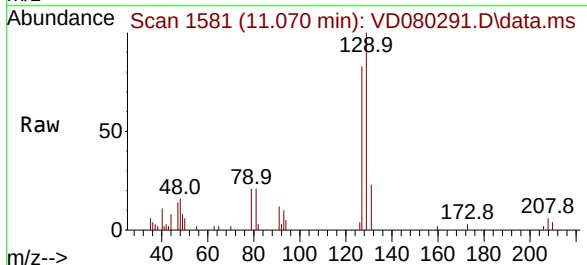
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

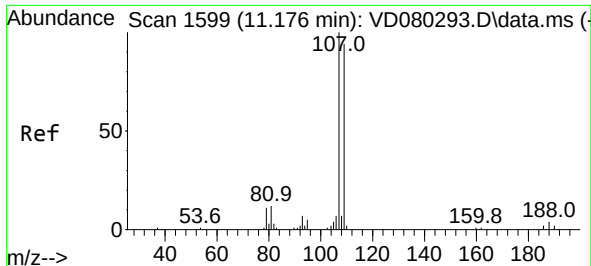
Tgt Ion: 43 Resp: 28796
Ion Ratio Lower Upper
43 100
58 53.9 26.3 78.9



#60
Dibromochloromethane
Concen: 9.294 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 129 Resp: 14022
Ion Ratio Lower Upper
129 100
127 80.5 37.6 112.8

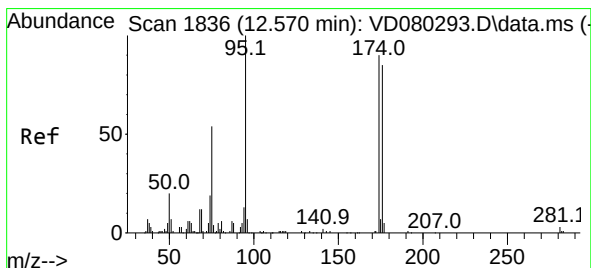
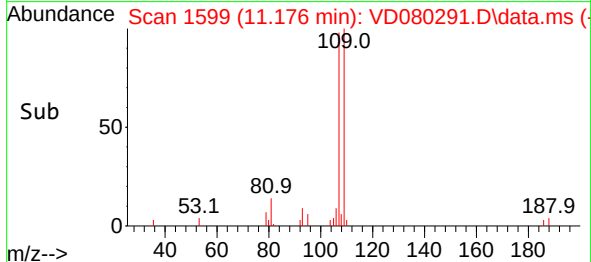
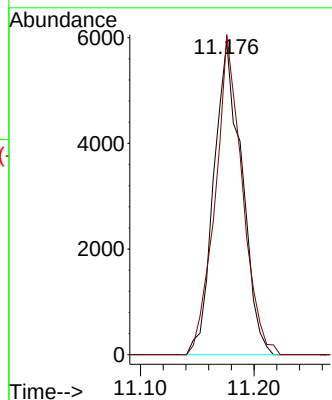
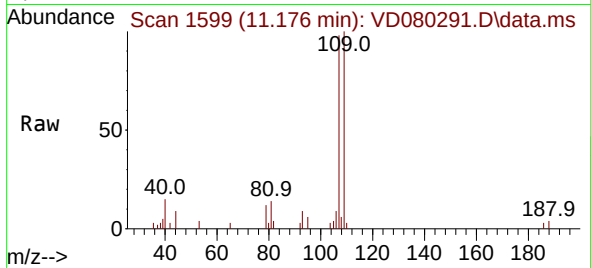




#61
1,2-Dibromoethane
Concen: 9.074 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

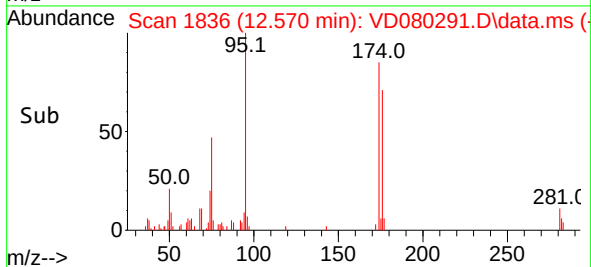
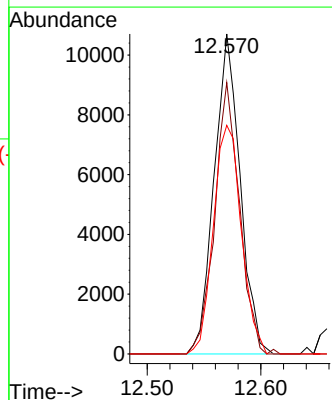
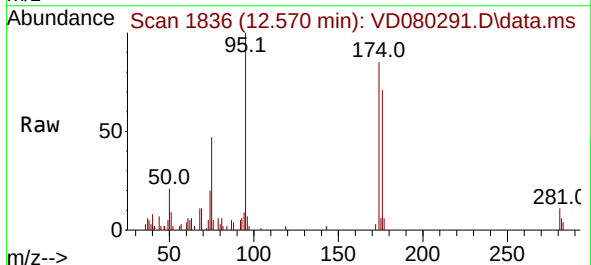
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

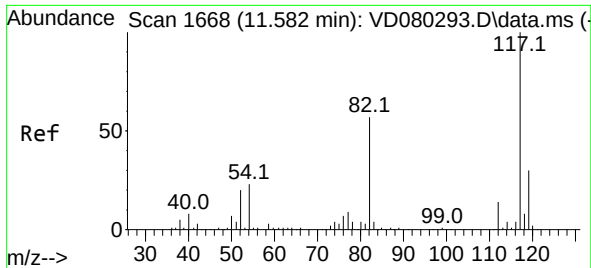
Tgt Ion:107 Resp: 10129
Ion Ratio Lower Upper
107 100
109 98.5 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 9.654 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 95 Resp: 16992
Ion Ratio Lower Upper
95 100
174 81.2 0.0 170.0
176 77.1 0.0 167.8

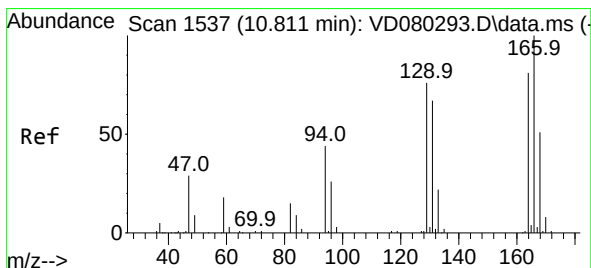
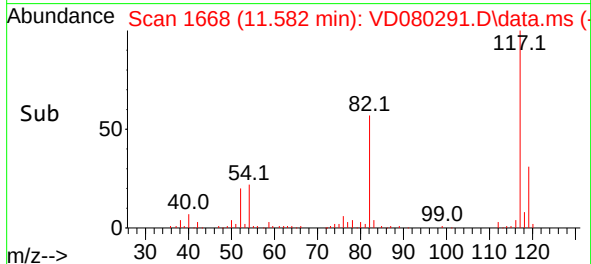
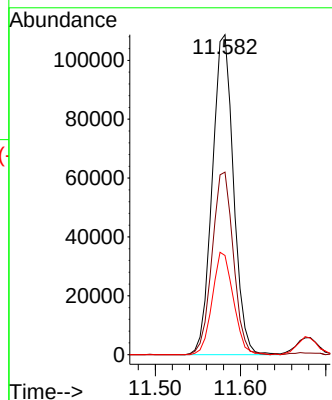
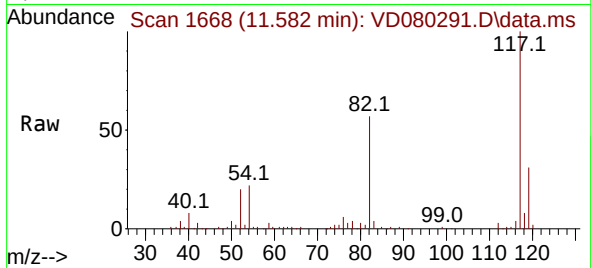




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

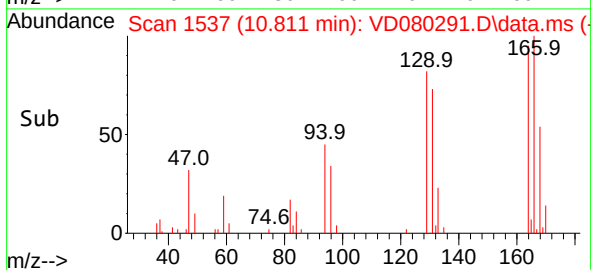
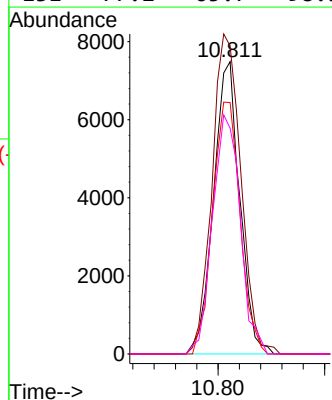
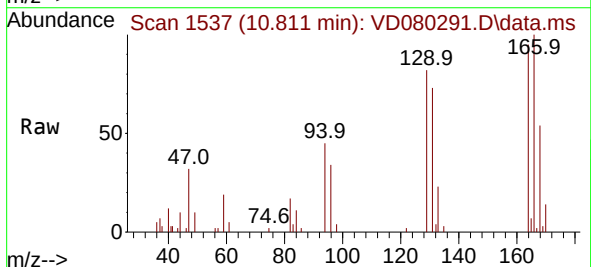
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

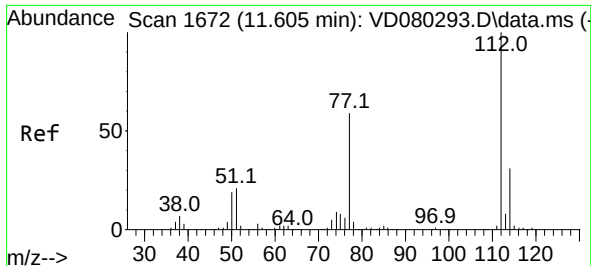
Tgt Ion:117 Resp: 188574
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 31.0 24.0 36.0



#64
Tetrachloroethene
Concen: 10.007 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion:164 Resp: 12779
Ion Ratio Lower Upper
164 100
166 105.4 98.2 147.2
129 86.0 74.6 111.8
131 77.2 65.7 98.5

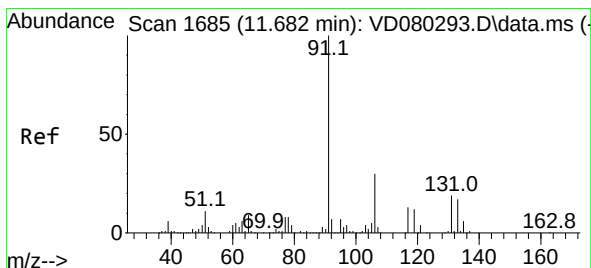
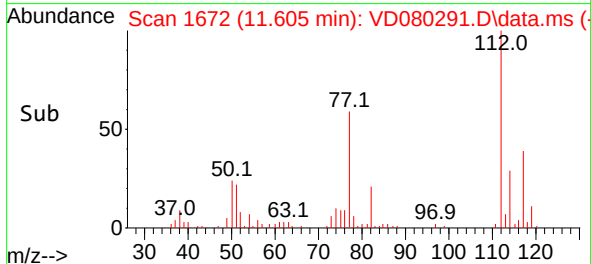
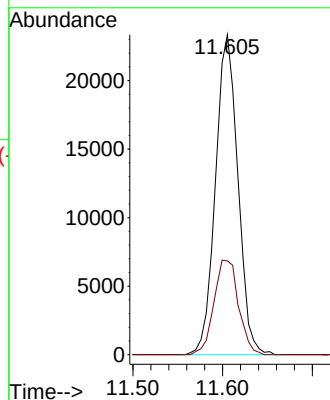
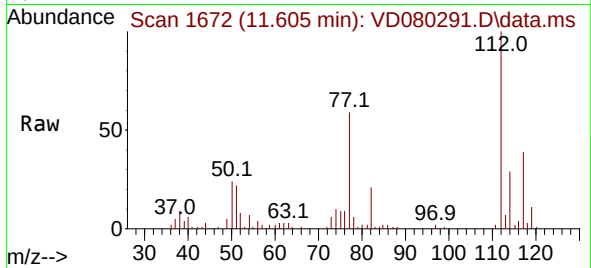




#65
Chlorobenzene
Concen: 9.508 ug/l
RT: 11.605 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

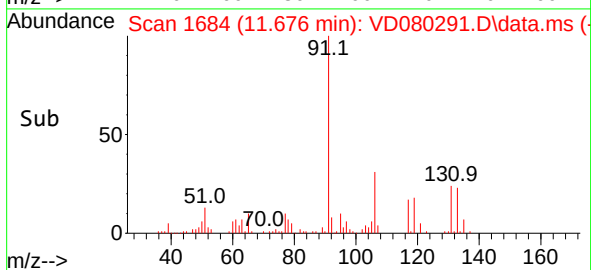
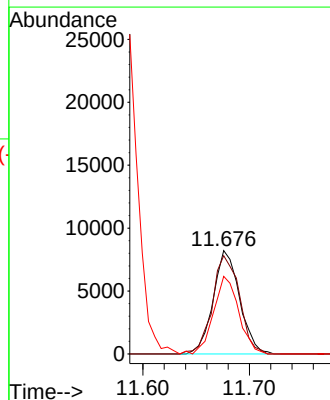
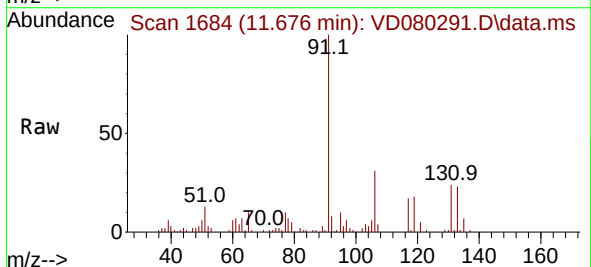
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

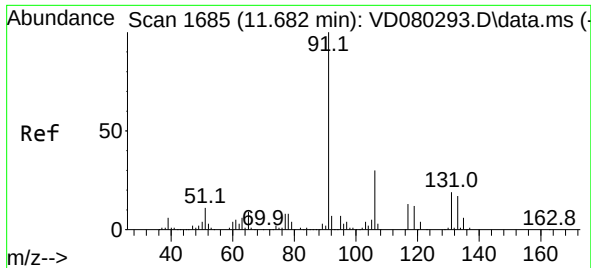
Tgt Ion:112 Resp: 40485
Ion Ratio Lower Upper
112 100
114 29.3 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 9.673 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion:131 Resp: 14151
Ion Ratio Lower Upper
131 100
133 97.7 46.8 140.3
119 71.7 33.1 99.2

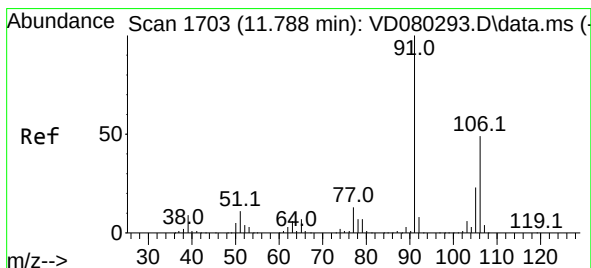
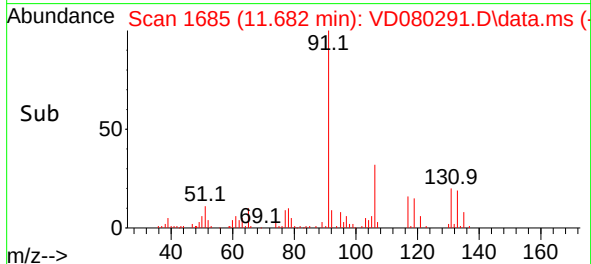
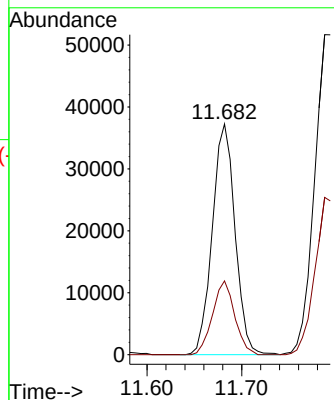
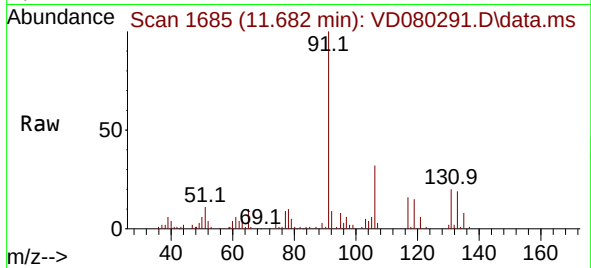




#67
Ethyl Benzene
Concen: 8.730 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

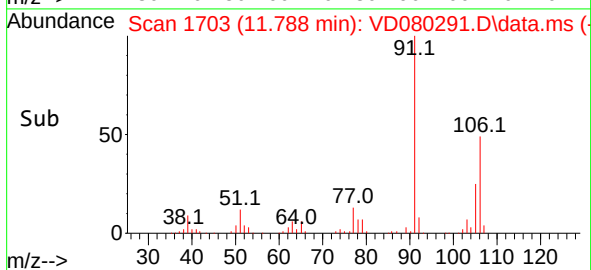
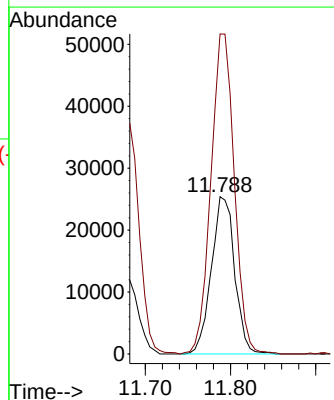
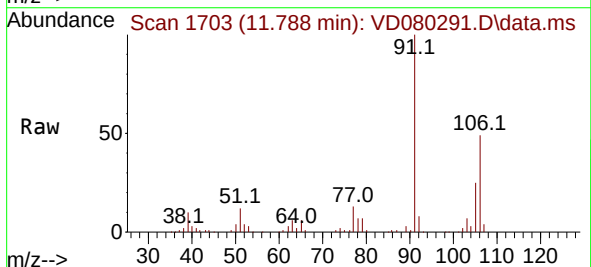
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

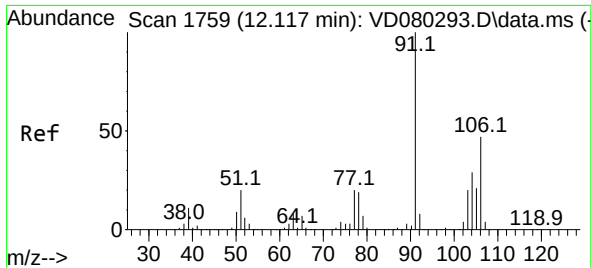
Tgt Ion: 91 Resp: 62118
Ion Ratio Lower Upper
91 100
106 32.0 23.9 35.9



#68
m/p-Xylenes
Concen: 17.460 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 106 Resp: 48239
Ion Ratio Lower Upper
106 100
91 204.4 164.1 246.1

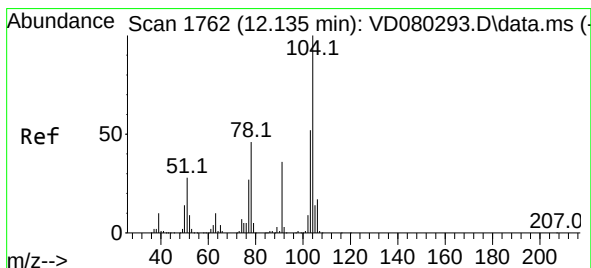
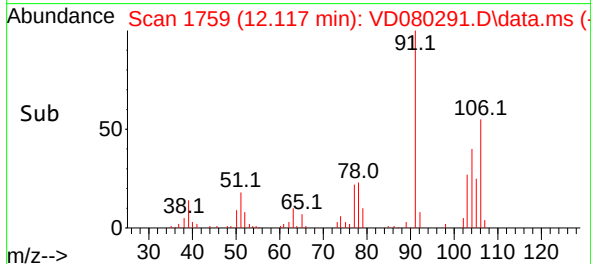
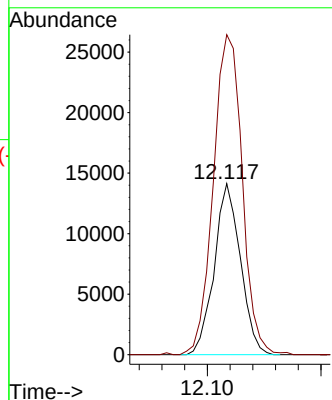
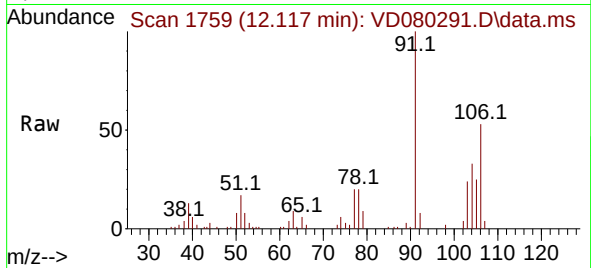




#69
o-Xylene
Concen: 8.958 ug/l
RT: 12.117 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

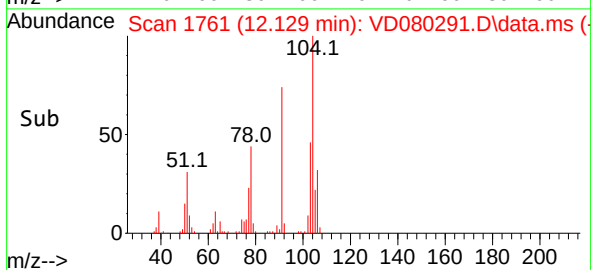
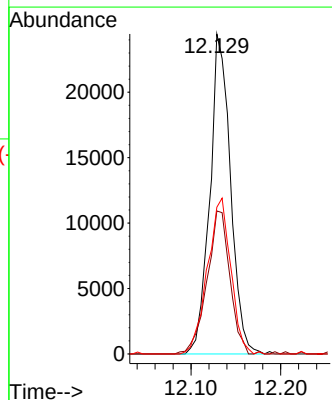
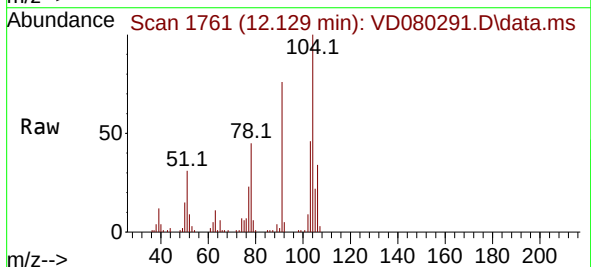
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

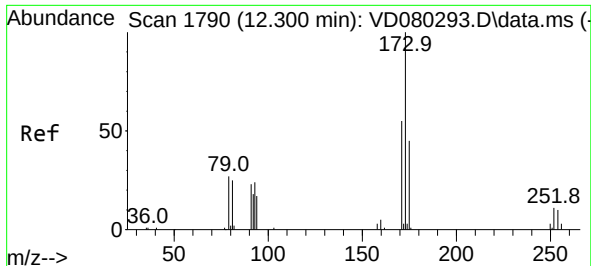
Tgt Ion:106 Resp: 22615
Ion Ratio Lower Upper
106 100
91 206.6 109.3 328.1



#70
Styrene
Concen: 8.642 ug/l
RT: 12.129 min Scan# 1761
Delta R.T. -0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion:104 Resp: 39179
Ion Ratio Lower Upper
104 100
78 49.1 39.8 59.6
103 54.8 44.2 66.4

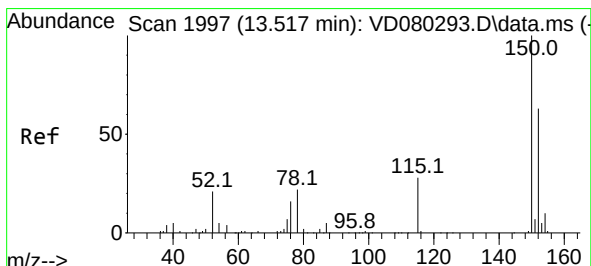
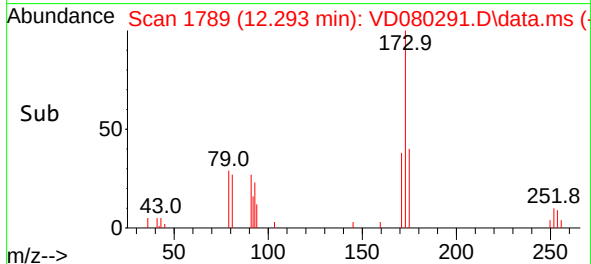
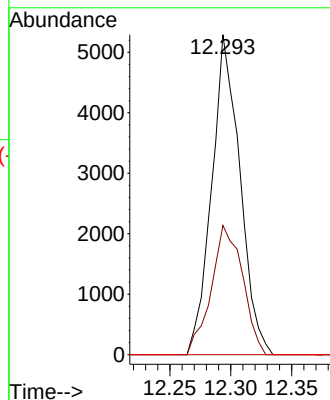
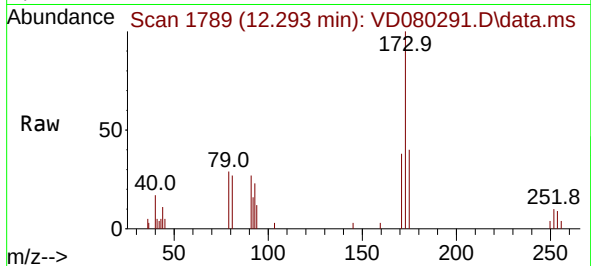




#71
Bromoform
Concen: 9.820 ug/l
RT: 12.293 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

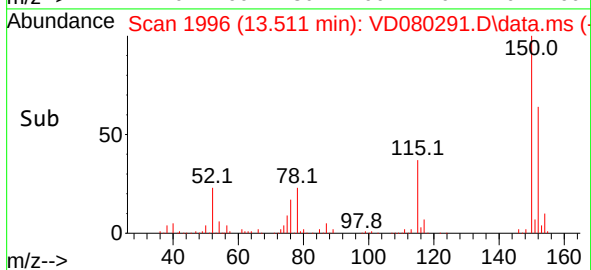
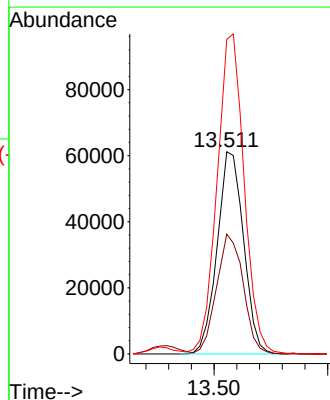
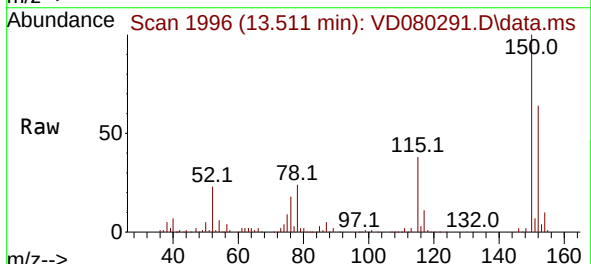
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

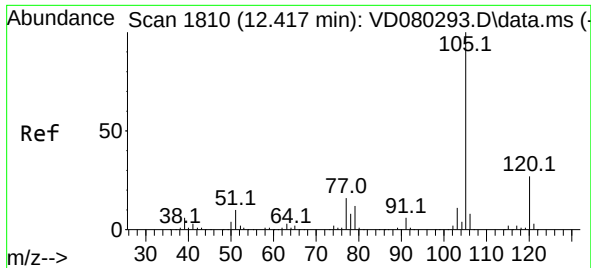
Tgt Ion:173 Resp: 8535
Ion Ratio Lower Upper
173 100
175 44.8 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.511 min Scan# 1996
Delta R.T. -0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion:152 Resp: 98783
Ion Ratio Lower Upper
152 100
115 59.9 29.0 87.1
150 162.3 0.0 354.6

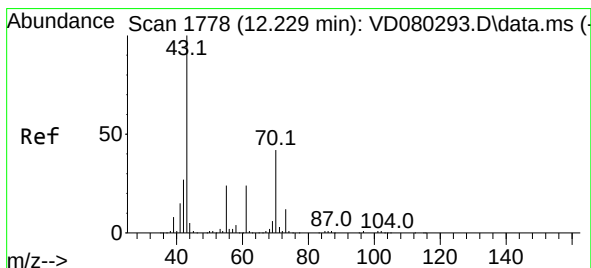
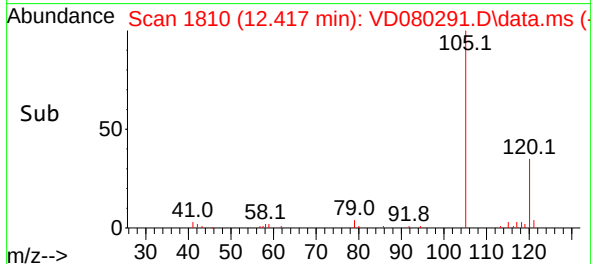
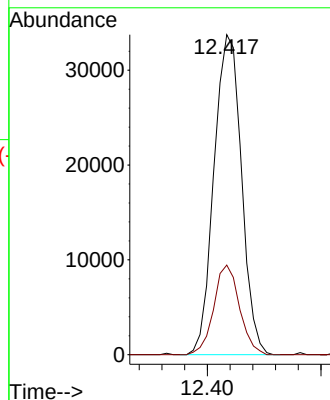
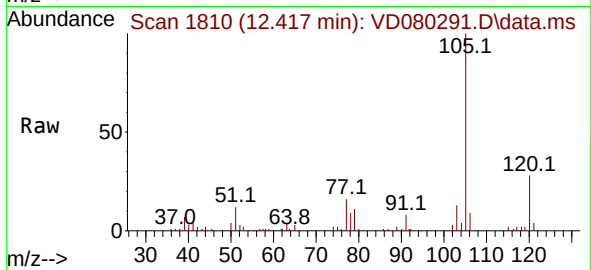




#73
Isopropylbenzene
Concen: 8.846 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

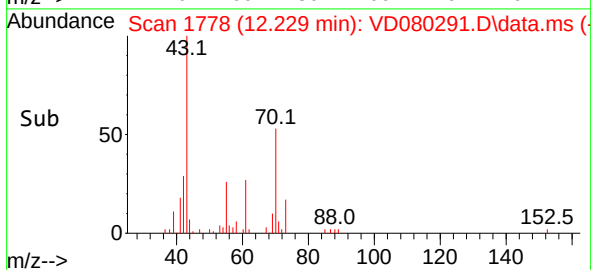
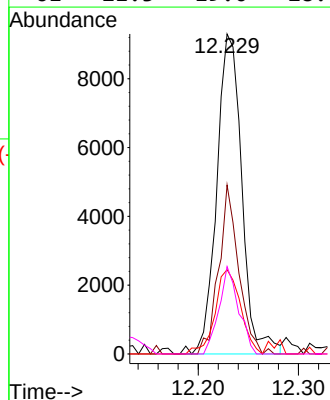
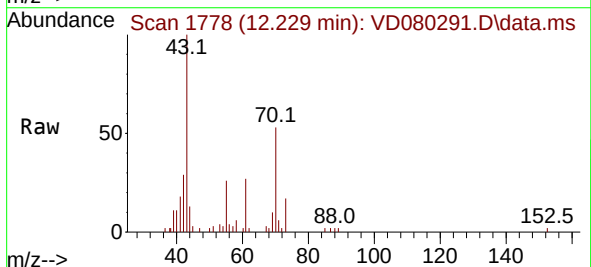
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

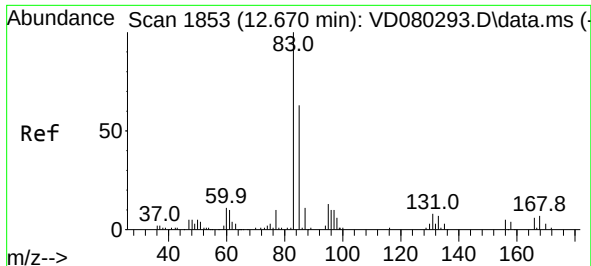
Tgt Ion:105 Resp: 56684
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 8.772 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 43 Resp: 16132
Ion Ratio Lower Upper
43 100
70 42.1 33.8 50.8
55 26.7 20.8 31.2
61 21.3 19.0 28.4

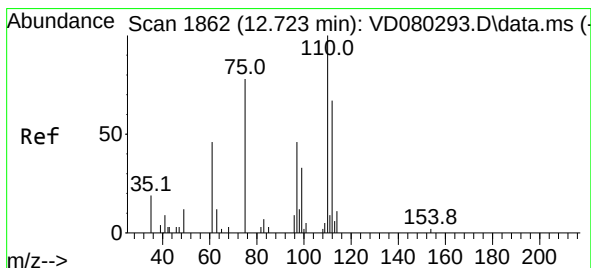
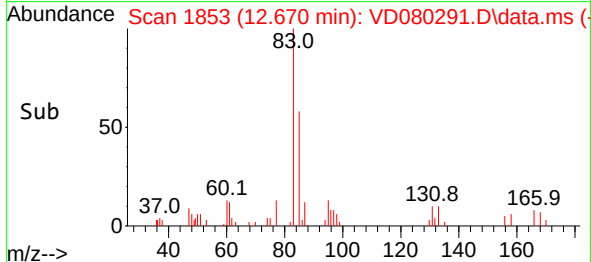
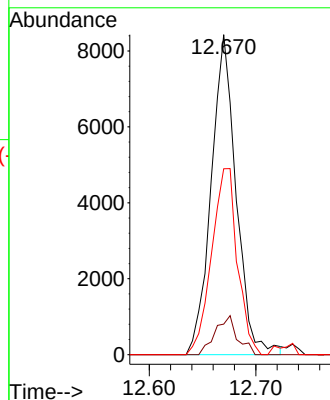
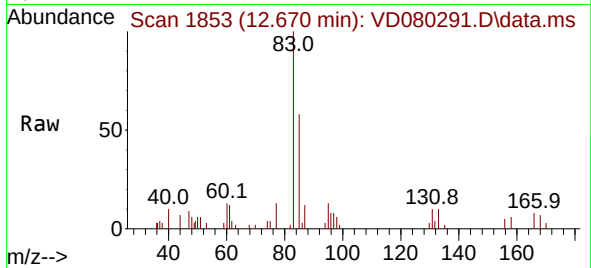




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.747 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080291.D
 Acq: 06 May 2025 13:55

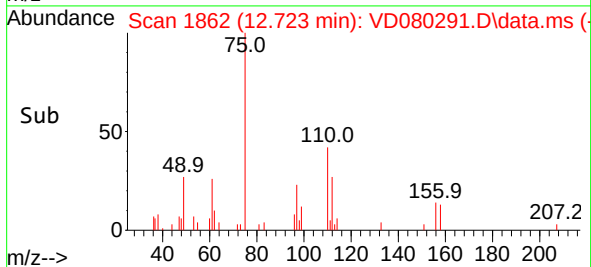
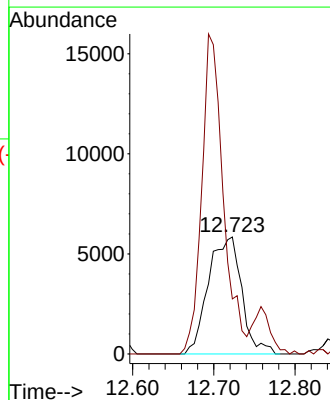
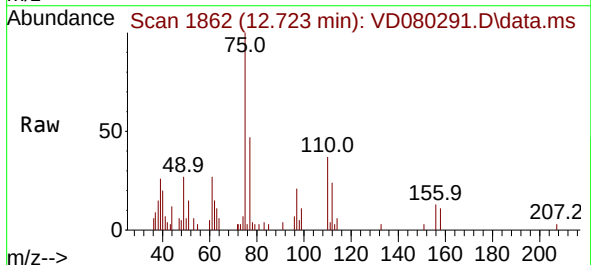
Instrument :
 MSVOA_D
 ClientSampleId :
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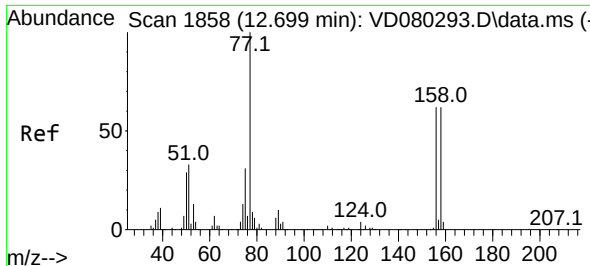
Tgt Ion: 83 Resp: 13735
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.2 15.6
 85 59.9 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 15.894 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VD080291.D
 Acq: 06 May 2025 13:55

Tgt Ion: 75 Resp: 16658
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

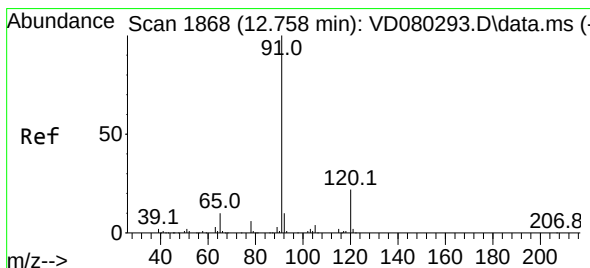
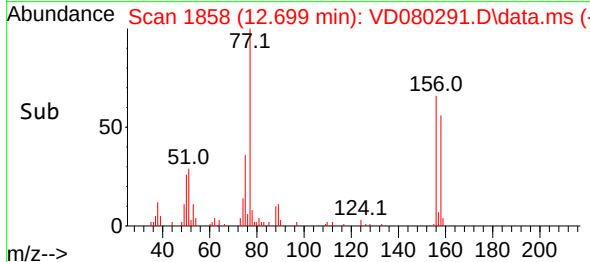
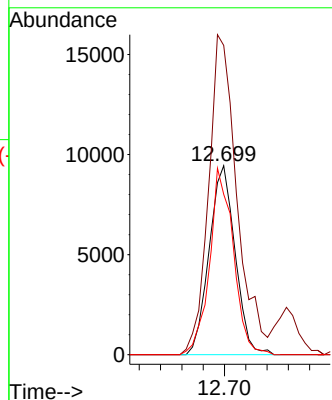
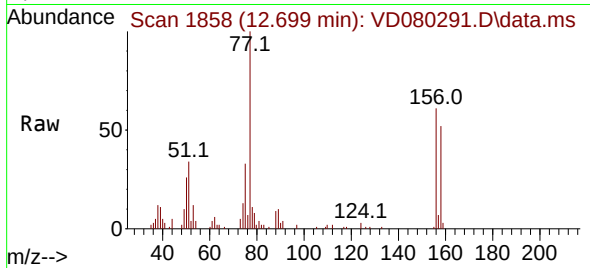




#77
Bromobenzene
Concen: 9.601 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

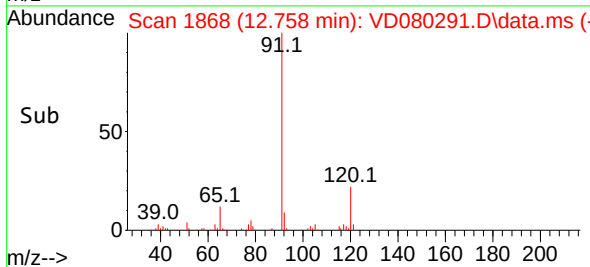
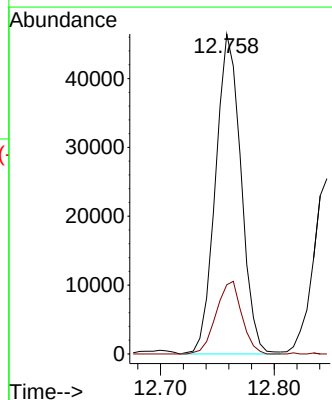
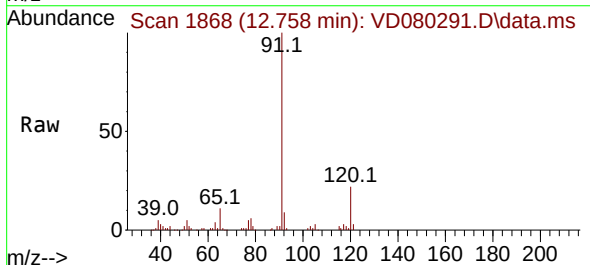
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

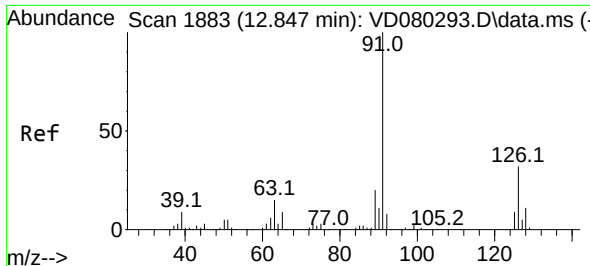
Tgt Ion:156 Resp: 15958
Ion Ratio Lower Upper
156 100
77 185.5 91.6 274.8
158 90.8 47.4 142.2



#78
n-propylbenzene
Concen: 9.008 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 91 Resp: 72436
Ion Ratio Lower Upper
91 100
120 22.8 11.0 33.0

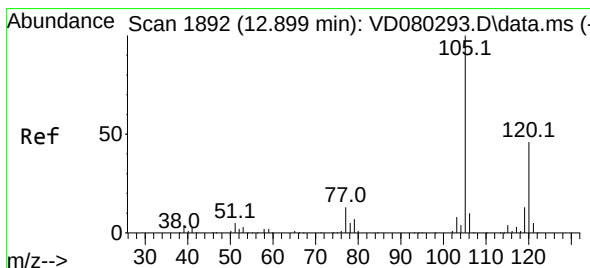
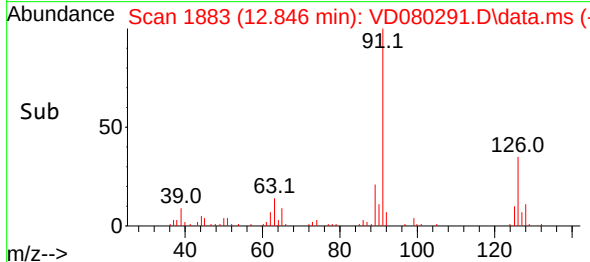
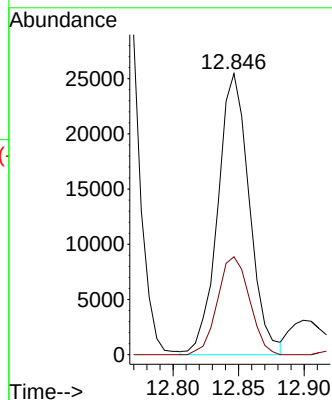
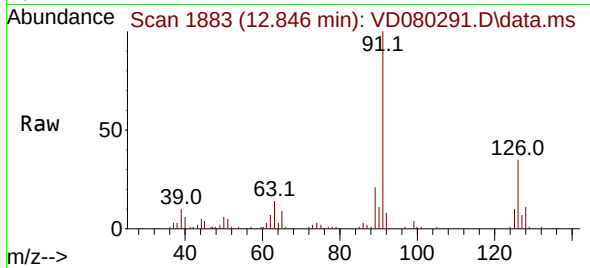




#79
2-Chlorotoluene
Concen: 9.120 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

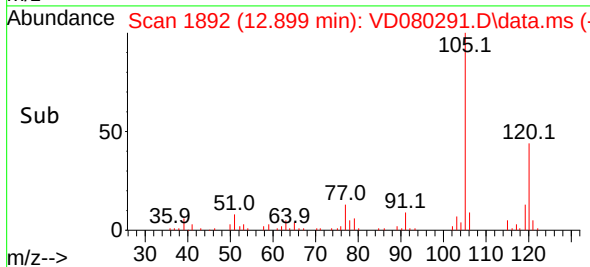
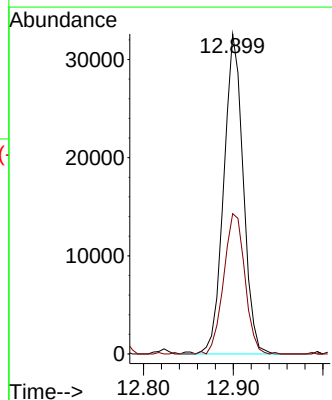
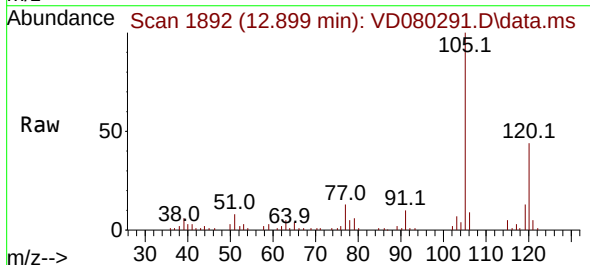
Instrument :
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ClientSampleId :
VSTDIC010

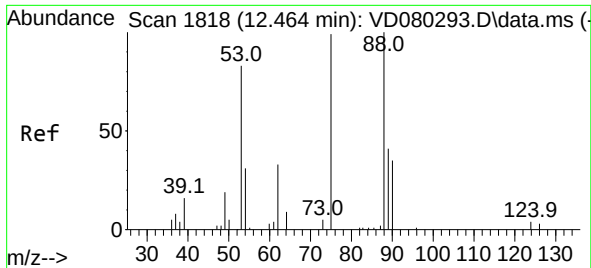
Tgt Ion: 91 Resp: 42658
Ion Ratio Lower Upper
91 100
126 35.1 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 8.980 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 105 Resp: 49080
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.8

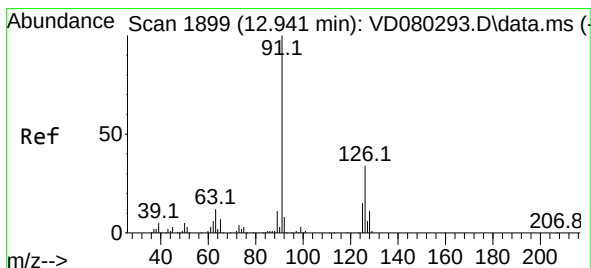
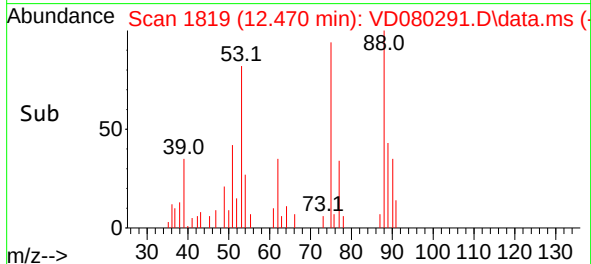
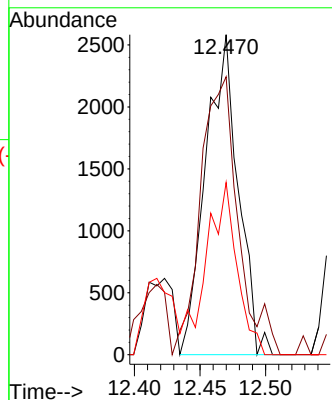
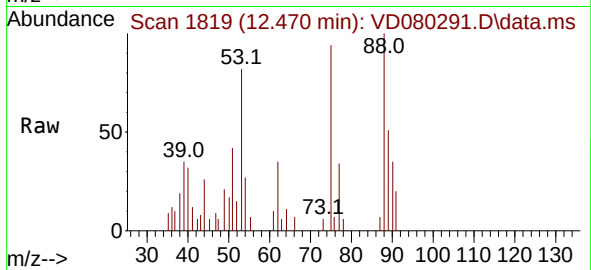




#81
trans-1,4-Dichloro-2-butene
Concen: 8.876 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

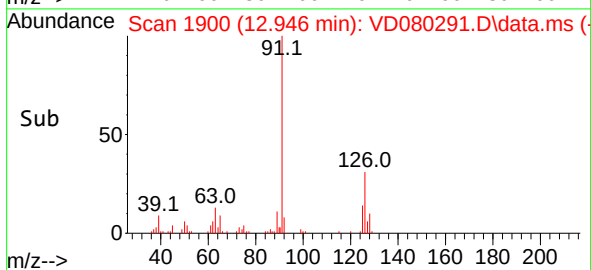
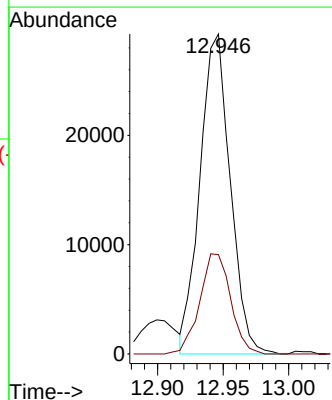
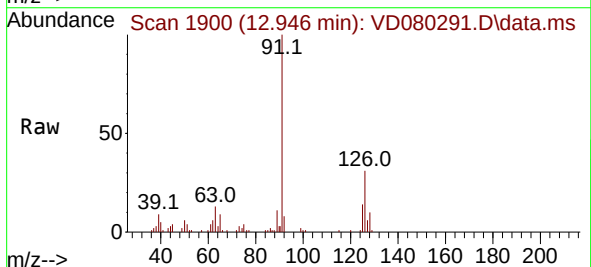
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

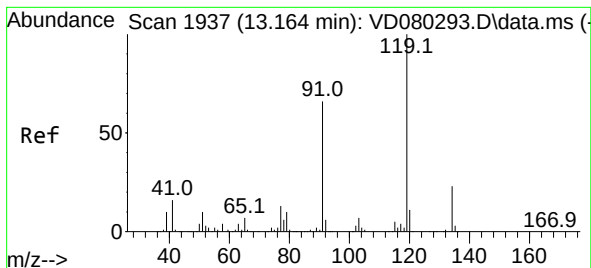
Tgt Ion: 75 Resp: 4458
Ion Ratio Lower Upper
75 100
53 99.6 70.8 106.2
89 45.9 35.9 53.9



#82
4-Chlorotoluene
Concen: 9.305 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 91 Resp: 46981
Ion Ratio Lower Upper
91 100
126 32.0 17.1 51.3





#83

tert-Butylbenzene

Concen: 8.933 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. -0.000 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

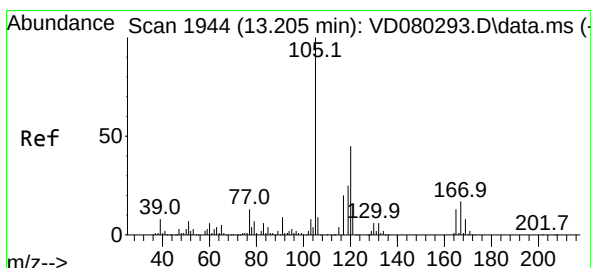
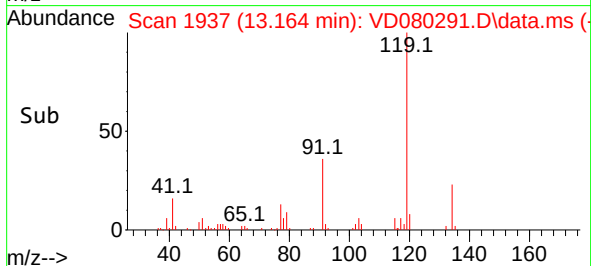
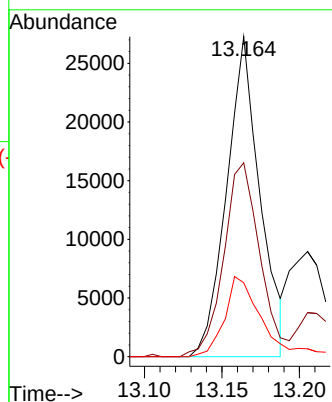
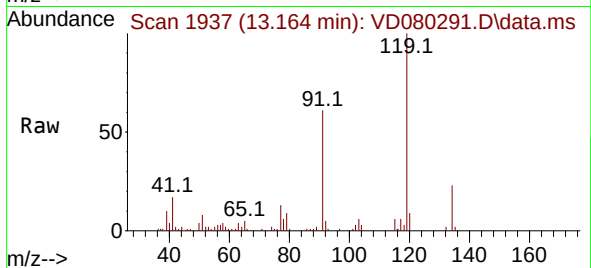
Tgt Ion:119 Resp: 40742

Ion Ratio Lower Upper

119 100

91 65.9 33.3 99.8

134 28.1 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 8.575 ug/l

RT: 13.211 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VD080291.D

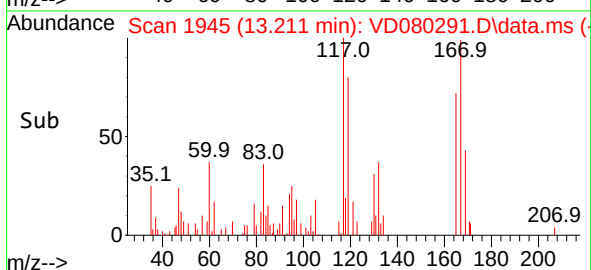
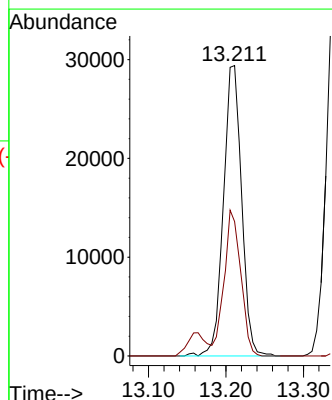
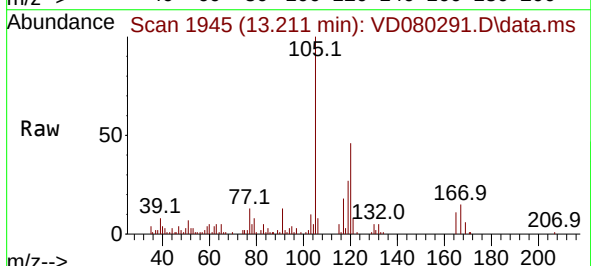
Acq: 06 May 2025 13:55

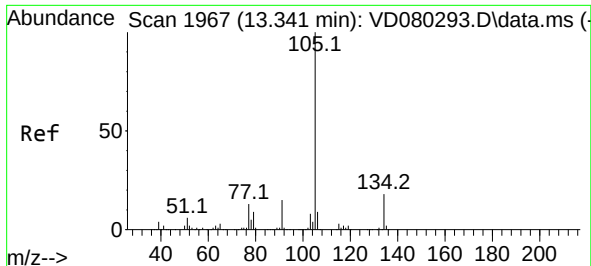
Tgt Ion:105 Resp: 47952

Ion Ratio Lower Upper

105 100

120 46.0 22.3 66.8

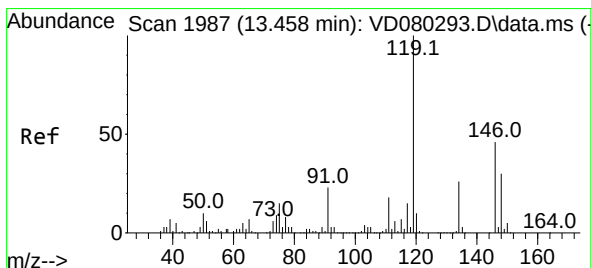
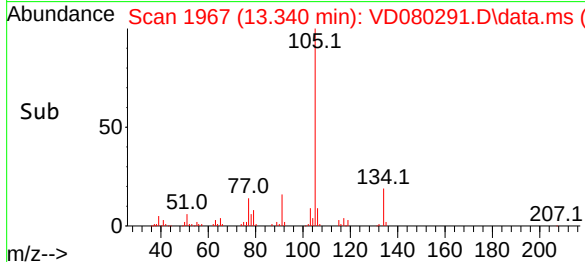
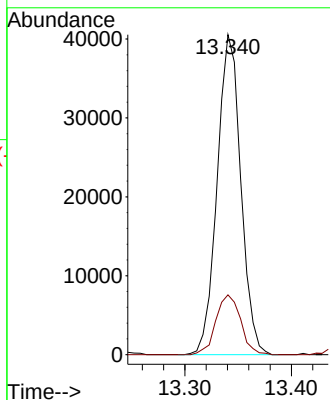
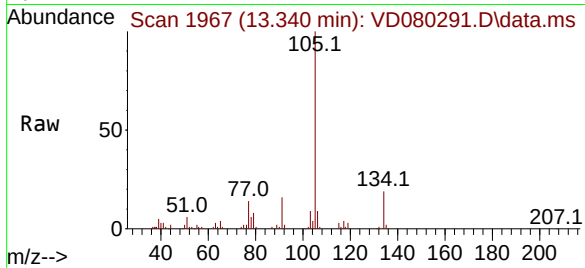




#85
 sec-Butylbenzene
 Concen: 8.883 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080291.D
 Acq: 06 May 2025 13:55

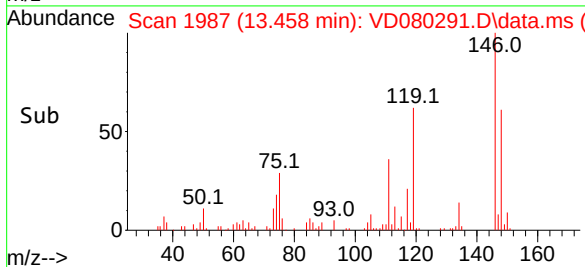
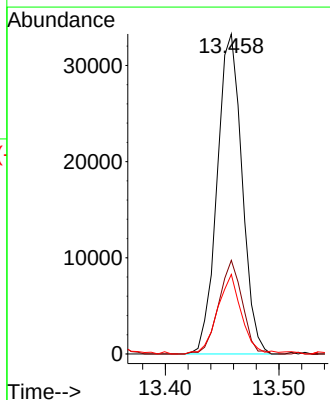
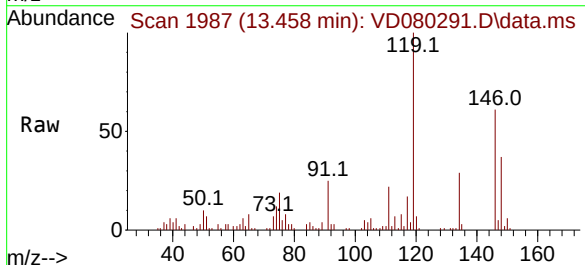
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

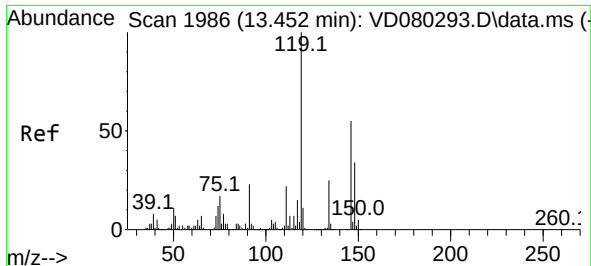
Tgt Ion:105 Resp: 62473
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 8.586 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080291.D
 Acq: 06 May 2025 13:55

Tgt Ion:119 Resp: 50754
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.8 38.4
 91 24.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 9.644 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

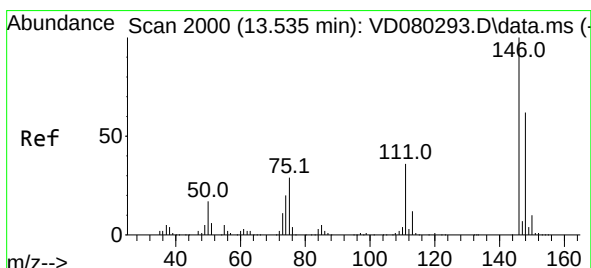
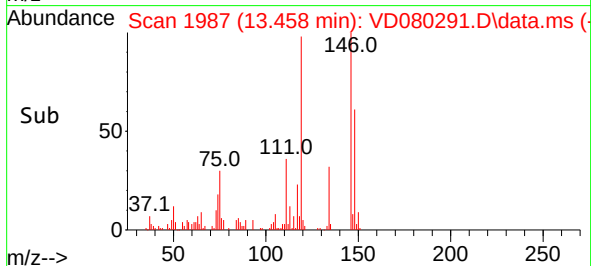
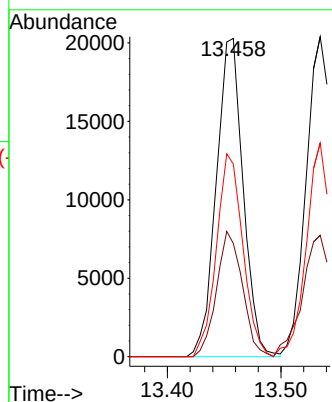
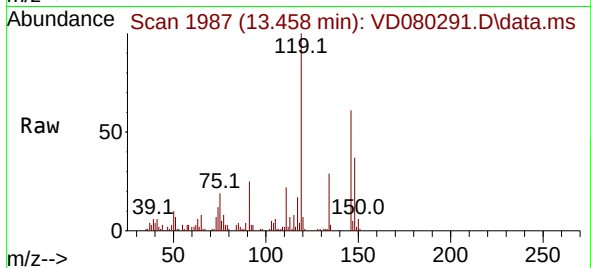
Tgt Ion:146 Resp: 33429

Ion Ratio Lower Upper

146 100

111 37.8 19.9 59.6

148 62.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 9.535 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. -0.000 min

Lab File: VD080291.D

Acq: 06 May 2025 13:55

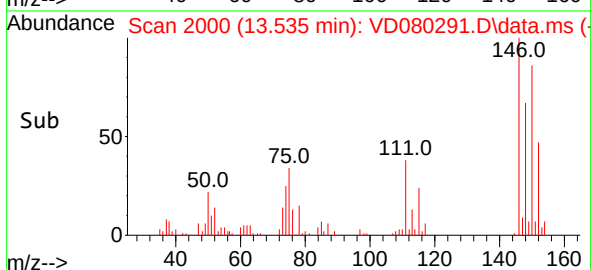
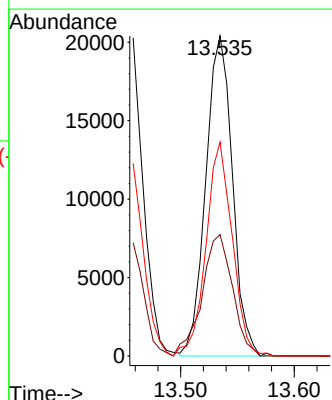
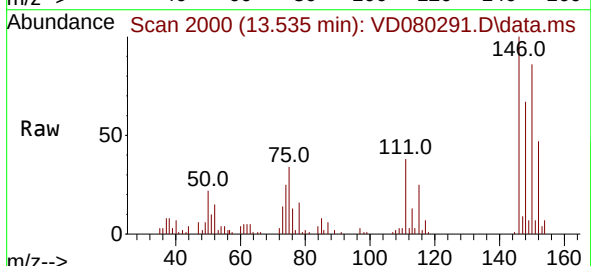
Tgt Ion:146 Resp: 33320

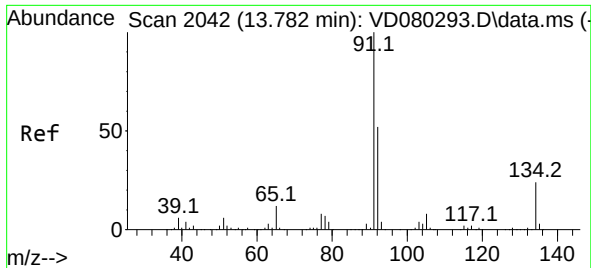
Ion Ratio Lower Upper

146 100

111 43.3 18.9 56.5

148 65.7 31.4 94.0

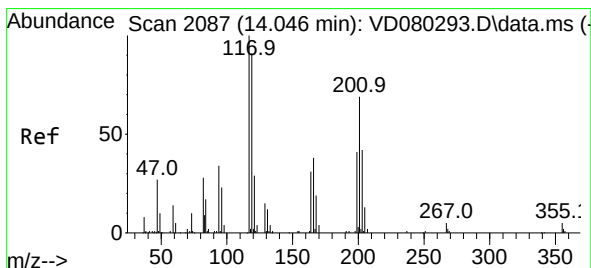
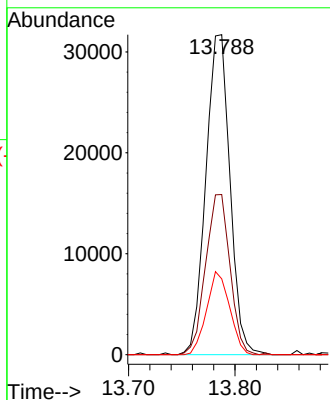
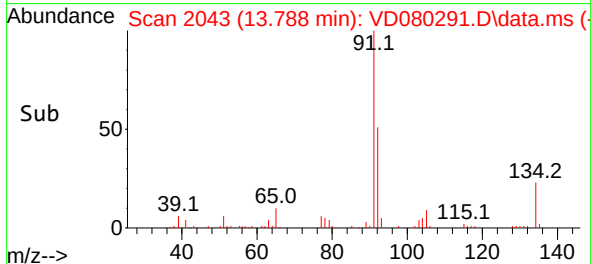
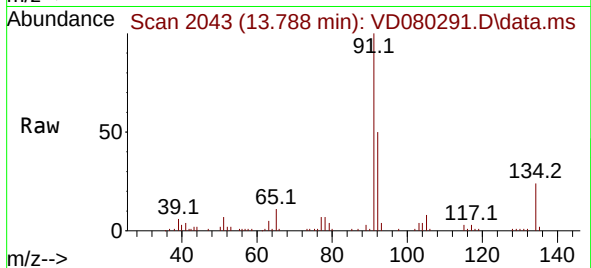




#89
n-Butylbenzene
Concen: 8.718 ug/l
RT: 13.788 min Scan# 2042
Delta R.T. 0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

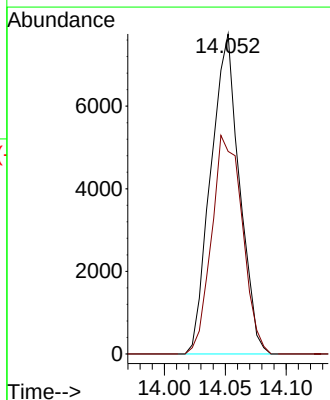
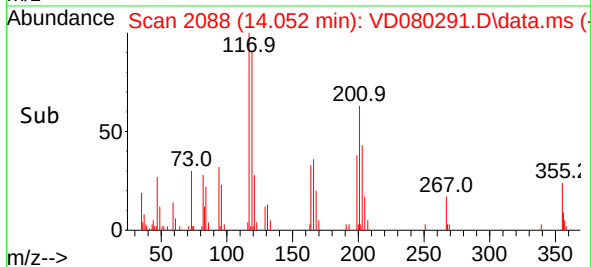
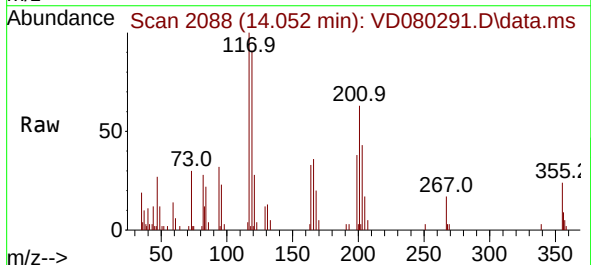
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

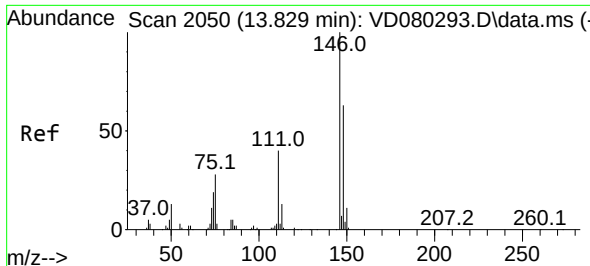
Tgt Ion: 91 Resp: 50024
Ion Ratio Lower Upper
91 100
92 50.6 26.1 78.2
134 24.7 12.0 36.1



#90
Hexachloroethane
Concen: 9.697 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 117 Resp: 12682
Ion Ratio Lower Upper
117 100
201 73.1 36.9 110.6

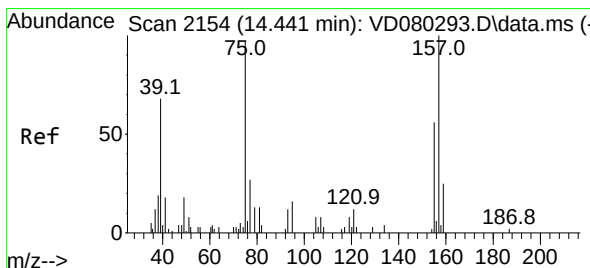
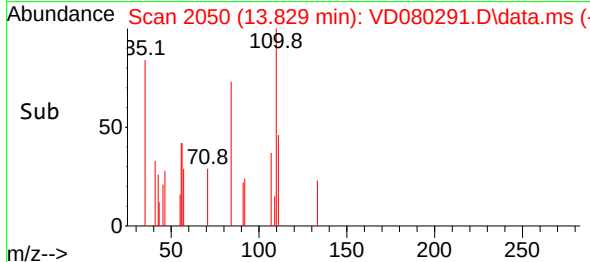
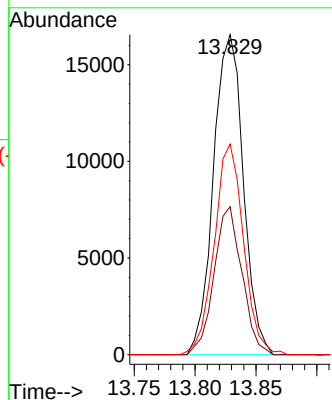
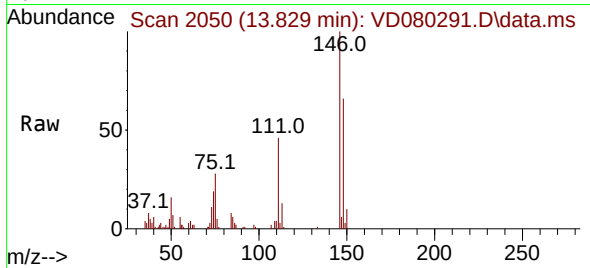




#91
1,2-Dichlorobenzene
Concen: 9.382 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

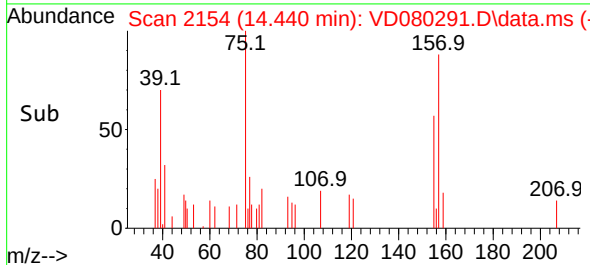
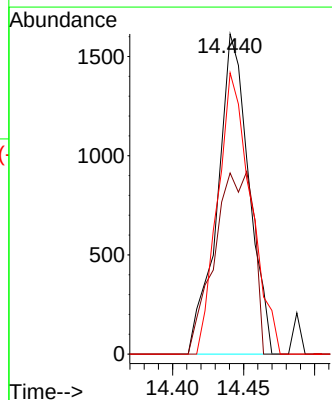
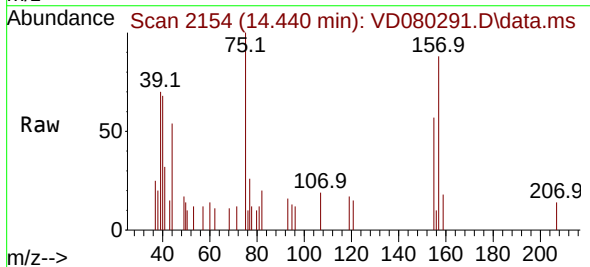
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

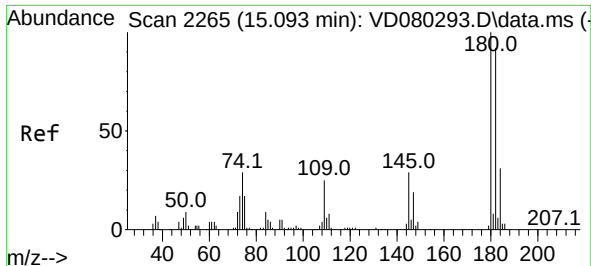
Tgt Ion:146 Resp: 28250
Ion Ratio Lower Upper
146 100
111 43.2 20.8 62.5
148 64.6 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.096 ug/l
RT: 14.440 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion: 75 Resp: 2492
Ion Ratio Lower Upper
75 100
155 71.3 36.3 108.7
157 92.3 52.9 158.8

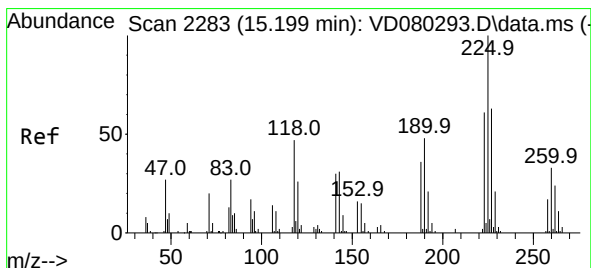
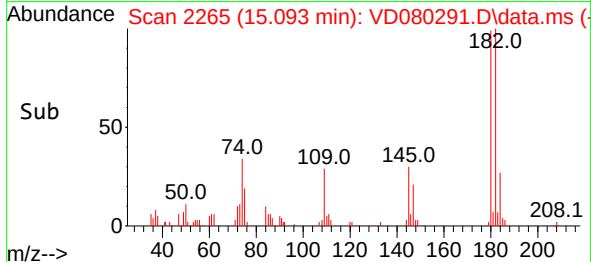
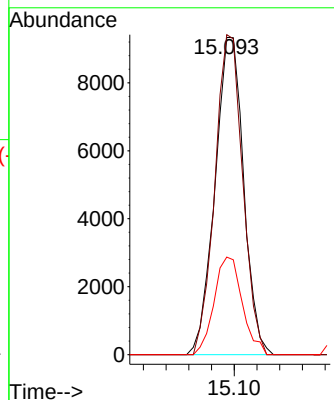
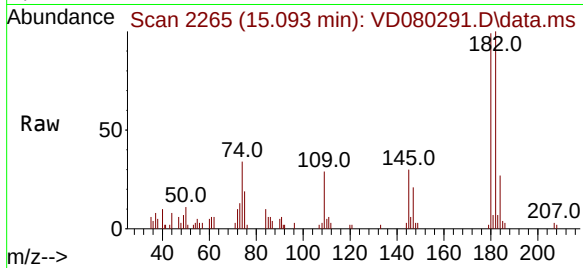




#93
 1,2,4-Trichlorobenzene
 Concen: 8.629 ug/l
 RT: 15.093 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080291.D
 Acq: 06 May 2025 13:55

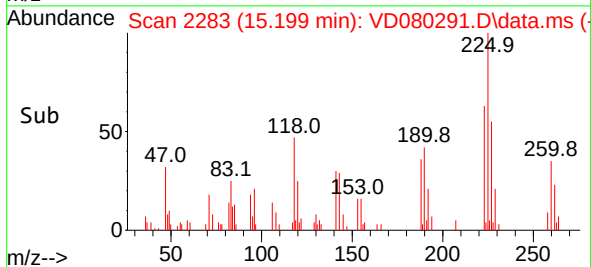
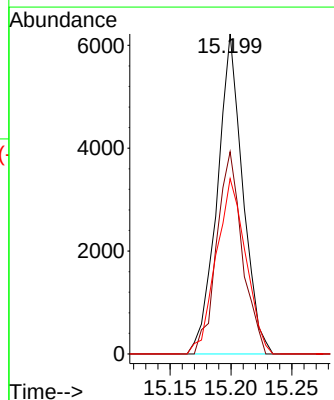
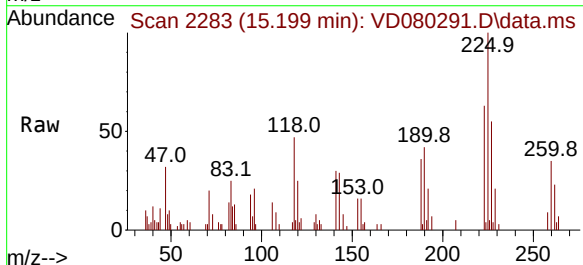
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

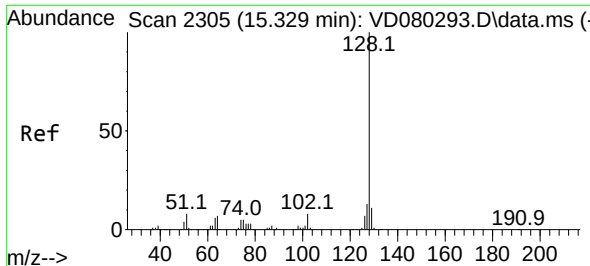
Tgt Ion:180 Resp: 16341
 Ion Ratio Lower Upper
 180 100
 182 97.7 46.7 140.1
 145 30.3 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 9.229 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. -0.000 min
 Lab File: VD080291.D
 Acq: 06 May 2025 13:55

Tgt Ion:225 Resp: 9092
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.3 90.8
 227 63.3 32.0 96.2

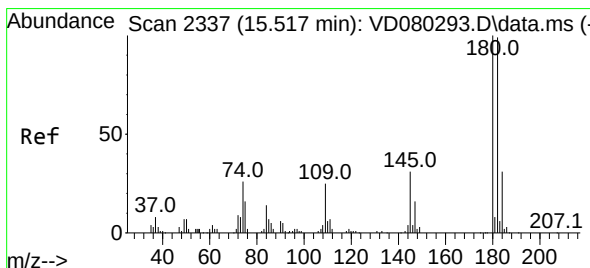
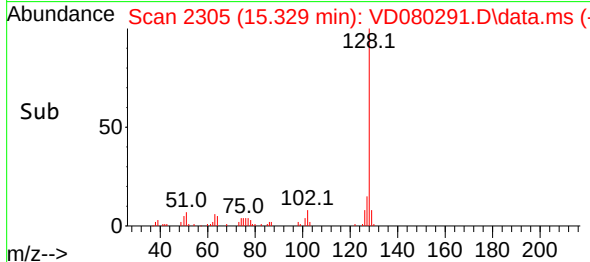
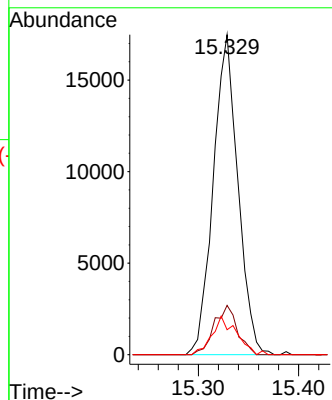
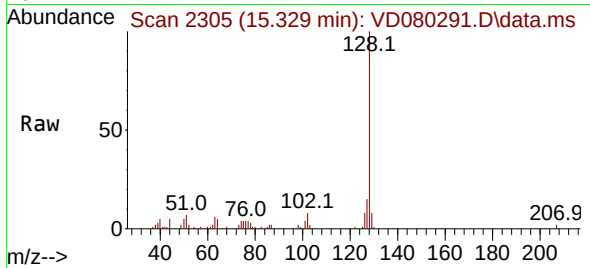




#95
Naphthalene
Concen: 8.394 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.2	15.4#
129	7.8	8.7	13.1#



#96
1,2,3-Trichlorobenzene
Concen: 8.748 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080291.D
Acq: 06 May 2025 13:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.3	144.9
145	32.6	15.6	46.7

