

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090525\
 Data File : VD080518.D
 Acq On : 05 Sep 2025 11:29
 Operator : RP/MD
 Sample : Q2893-03
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 06 03:43:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 06 03:43:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	349175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	620846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	544004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	257057	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.229	65	173594	44.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.140%
35) Dibromofluoromethane	7.806	113	171681	41.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.580%
50) Toluene-d8	10.270	98	692484	42.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.400%
62) 4-Bromofluorobenzene	12.570	95	213634	40.447	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.935	85	6961	2.342	ug/l	91
3) Chloromethane	2.153	50	10671	2.274	ug/l	92
4) Vinyl Chloride	2.288	62	11035	2.278	ug/l	99
5) Bromomethane	2.694	94	8493	3.120	ug/l	94
6) Chloroethane	2.847	64	8100	2.562	ug/l #	79
7) Trichlorofluoromethane	3.182	101	13795	2.446	ug/l #	81
8) Diethyl Ether	3.600	74	4756	2.128	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.976	101	9968	2.723	ug/l	99
10) Methyl Iodide	4.165	142	8658	2.049	ug/l	96
11) Tert butyl alcohol	5.059	59	2411	8.457	ug/l #	80
12) 1,1-Dichloroethene	3.941	96	8787	2.304	ug/l	83
13) Acrolein	3.794	56	444	1.465	ug/l #	20
14) Allyl chloride	4.553	41	13955	2.109	ug/l	95
15) Acrylonitrile	5.259	53	10938	10.988	ug/l	97
16) Acetone	4.017	43	17632	19.118	ug/l	94
17) Carbon Disulfide	4.270	76	25368	1.967	ug/l	99
18) Methyl Acetate	4.564	43	6402	2.467	ug/l	99
19) Methyl tert-butyl Ether	5.312	73	21563	2.155	ug/l	95
20) Methylene Chloride	4.800	84	19448	3.839	ug/l	92
21) trans-1,2-Dichloroethene	5.312	96	10209	2.339	ug/l	96
22) Diisopropyl ether	6.211	45	27773	2.039	ug/l	96
23) Vinyl Acetate	6.153	43	73699	9.509	ug/l	99
24) 1,1-Dichloroethane	6.111	63	17504	2.220	ug/l #	87
25) 2-Butanone	7.088	43	18495	14.163	ug/l	94
26) 2,2-Dichloropropane	7.076	77	14078	2.255	ug/l	97
27) cis-1,2-Dichloroethene	7.076	96	10914	2.095	ug/l	88
28) Bromochloromethane	7.423	49	8229	2.561	ug/l #	95
29) Tetrahydrofuran	7.441	42	9346	11.325	ug/l	98
30) Chloroform	7.594	83	16827	2.232	ug/l	96
31) Cyclohexane	7.876	56	22197	3.008	ug/l #	67
32) 1,1,1-Trichloroethane	7.794	97	15447	2.461	ug/l	94
36) 1,1-Dichloropropene	8.005	75	12762	2.346	ug/l	97
37) Ethyl Acetate	7.170	43	7610	2.909	ug/l #	85
38) Carbon Tetrachloride	7.994	117	12716	2.456	ug/l #	79
39) Methylcyclohexane	9.270	83	18582	2.566	ug/l	96
40) Benzene	8.247	78	39395	2.275	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.406	41	4132	2.660	ug/l #	96
42) 1,2-Dichloroethane	8.329	62	10828	2.582	ug/l	96
43) Isopropyl Acetate	8.364	43	12015	2.257	ug/l #	88
44) Trichloroethene	9.023	130	9679	2.304	ug/l	100
45) 1,2-Dichloropropane	9.305	63	9807	2.284	ug/l #	77
46) Dibromomethane	9.394	93	5754	2.501	ug/l	98
47) Bromodichloromethane	9.582	83	12816	2.285	ug/l	92
48) Methyl methacrylate	9.382	41	6294	2.385	ug/l #	95
49) 1,4-Dioxane	9.388	88	1359	47.782	ug/l #	79
51) 4-Methyl-2-Pentanone	10.158	43	30846	11.620	ug/l	97
52) Toluene	10.335	92	25556	2.367	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	13479	2.358	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	15545	2.274	ug/l	95
55) 1,1,2-Trichloroethane	10.735	97	7005	2.271	ug/l #	92
56) Ethyl methacrylate	10.599	69	9192	2.139	ug/l	90
57) 1,3-Dichloropropane	10.882	76	12582	2.324	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	18994	11.421	ug/l	96
59) 2-Hexanone	10.917	43	26441	14.018	ug/l	94
60) Dibromochloromethane	11.070	129	8584	2.208	ug/l	94
61) 1,2-Dibromoethane	11.170	107	6666	2.271	ug/l	98
64) Tetrachloroethene	10.811	164	8345	2.484	ug/l #	89
65) Chlorobenzene	11.605	112	28022	2.417	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.676	131	9042	2.445	ug/l	95
67) Ethyl Benzene	11.682	91	46285	2.307	ug/l	95
68) m/p-Xylenes	11.794	106	37764	4.888	ug/l	95
69) o-Xylene	12.117	106	16561	2.246	ug/l	95
70) Styrene	12.135	104	29352	2.340	ug/l	98
71) Bromoform	12.294	173	5527	2.630	ug/l #	96
73) Isopropylbenzene	12.417	105	45208	2.400	ug/l	100
74) N-amyl acetate	12.229	43	11412	2.283	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	8399	2.399	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	10574	5.040	ug/l #	100
77) Bromobenzene	12.699	156	10923	2.507	ug/l	98
78) n-propylbenzene	12.758	91	56355	2.464	ug/l	98
79) 2-Chlorotoluene	12.846	91	31117	2.388	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	35653	2.330	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.570	75	109871	79.486	ug/l #	19
82) 4-Chlorotoluene	12.946	91	33243	2.480	ug/l	100
83) tert-Butylbenzene	13.164	119	33028	2.487	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	37875	2.458	ug/l	98
85) sec-Butylbenzene	13.341	105	48951	2.470	ug/l	99
86) p-Isopropyltoluene	13.458	119	41070	2.477	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	22926	2.729	ug/l	96
88) 1,4-Dichlorobenzene	13.535	146	22846	2.708	ug/l	92
89) n-Butylbenzene	13.782	91	40963	2.594	ug/l	100
90) Hexachloroethane	14.046	117	7977	2.488	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	19243	2.574	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	1140	2.169	ug/l	93
93) 1,2,4-Trichlorobenzene	15.099	180	13545	2.892	ug/l	93
94) Hexachlorobutadiene	15.199	225	6037	2.835	ug/l	92
95) Naphthalene	15.329	128	26274	2.637	ug/l	97
96) 1,2,3-Trichlorobenzene	15.523	180	11055	2.757	ug/l	88

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ClientSampleId :

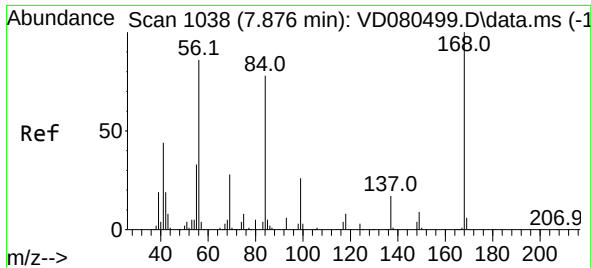
Quant Time: Sep 06 03:43:29 2025
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Quant Title : SW846 8260
QLast Update : Sat Sep 06 03:43:14 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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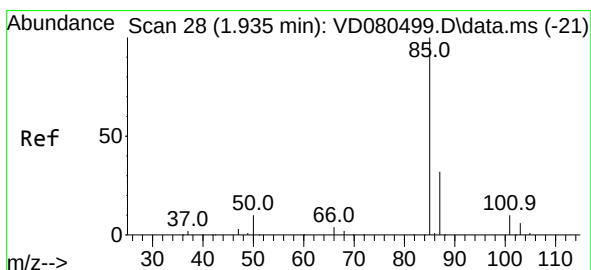
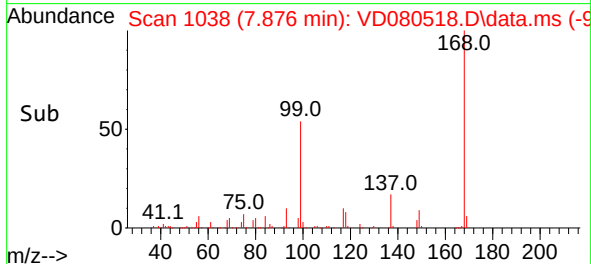
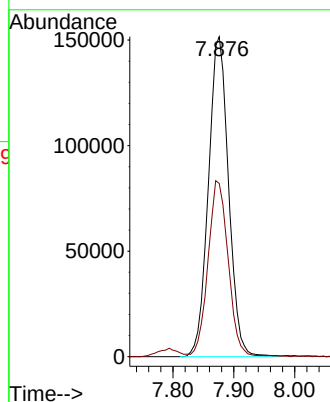
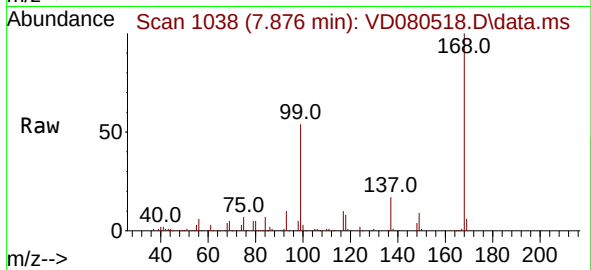




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

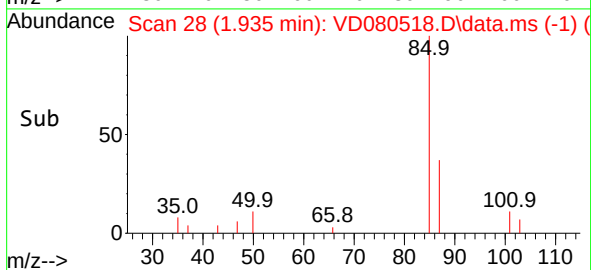
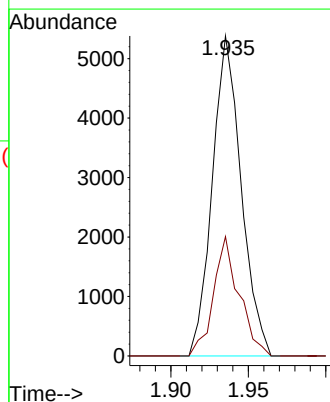
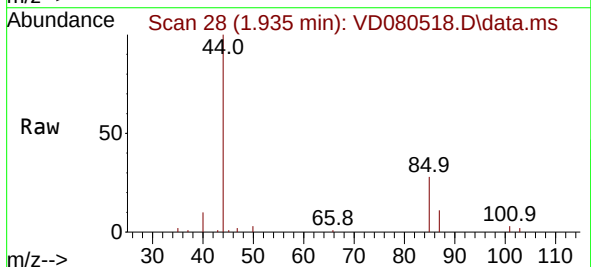
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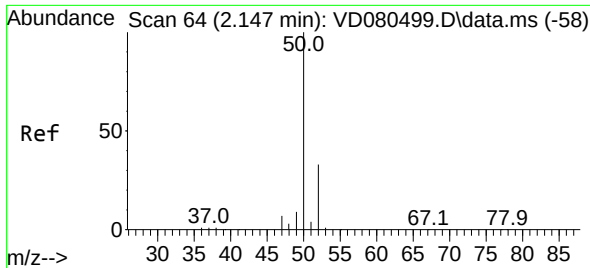
Tgt Ion:168 Resp: 349175
Ion Ratio Lower Upper
168 100
99 54.0 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 2.342 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 85 Resp: 6961
Ion Ratio Lower Upper
85 100
87 37.3 16.2 48.5

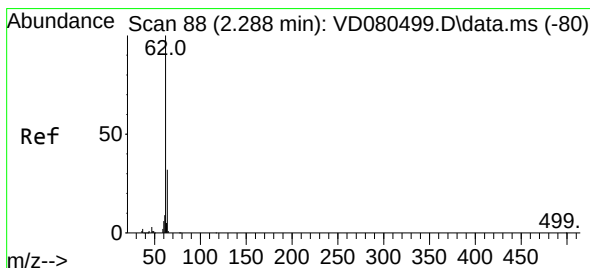
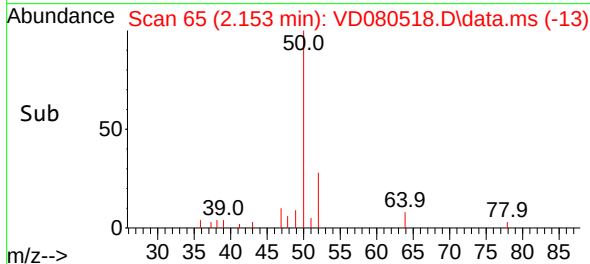
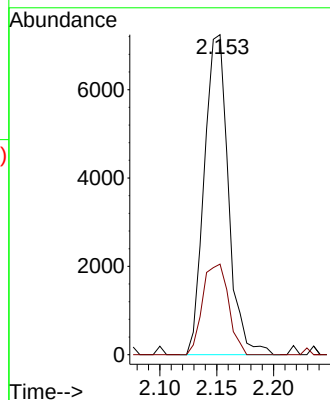
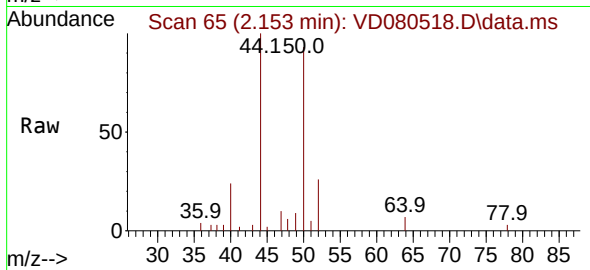




#3
Chloromethane
Concen: 2.274 ug/l
RT: 2.153 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

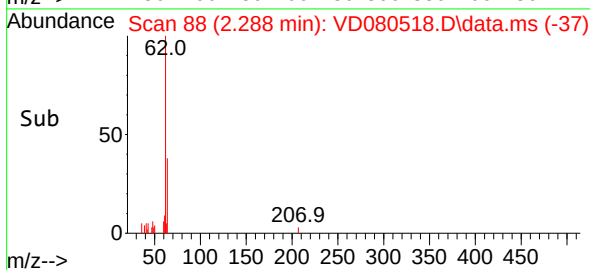
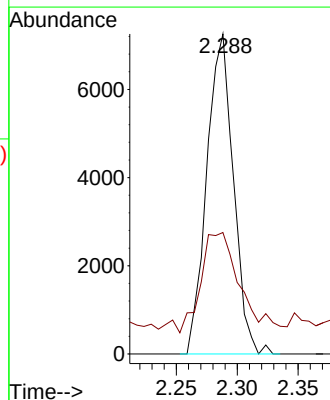
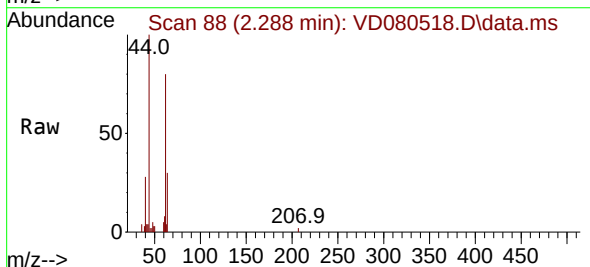
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ClientSampleId :

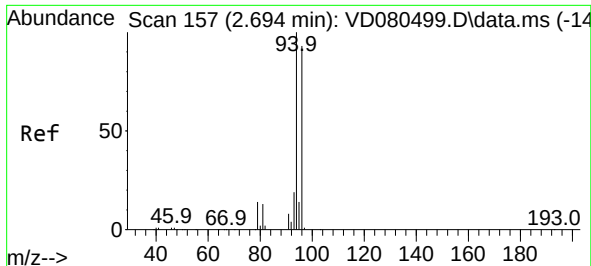
Tgt Ion: 50 Resp: 10671
Ion Ratio Lower Upper
50 100
52 28.3 26.2 39.4



#4
Vinyl Chloride
Concen: 2.278 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 62 Resp: 11035
Ion Ratio Lower Upper
62 100
64 31.4 25.6 38.4

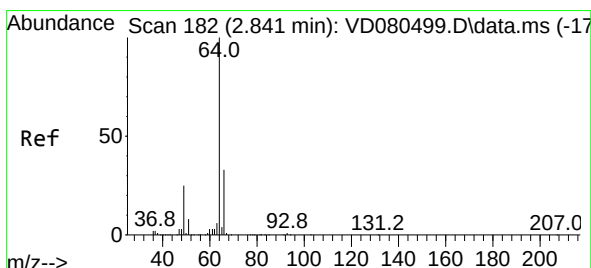
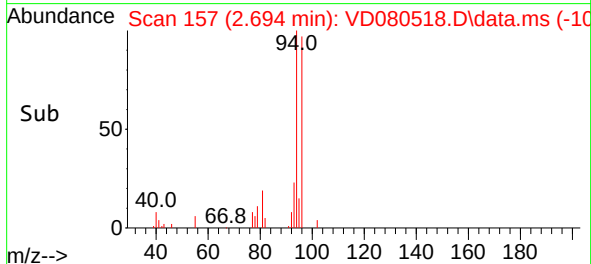
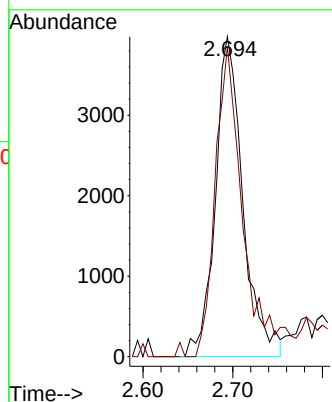
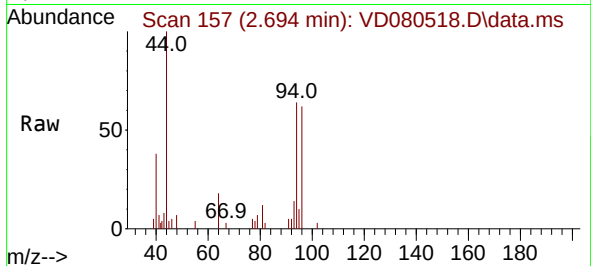




#5
Bromomethane
Concen: 3.120 ug/l
RT: 2.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

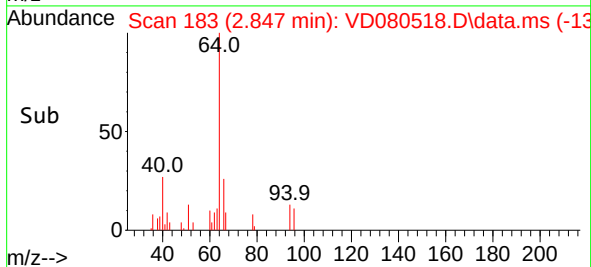
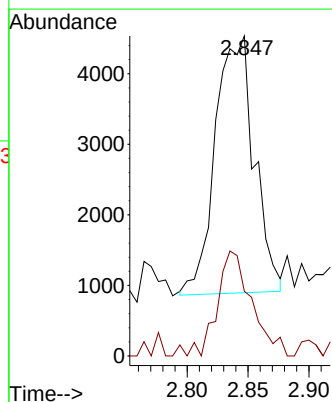
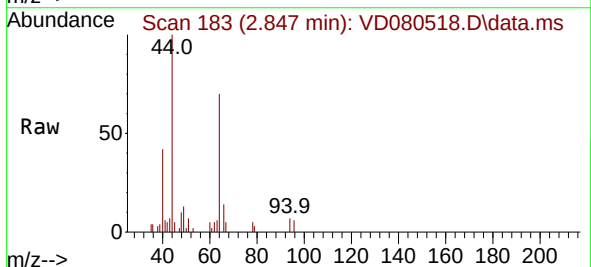
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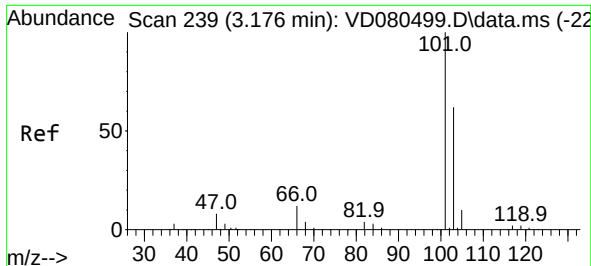
Tgt Ion: 94 Resp: 8493
Ion Ratio Lower Upper
94 100
96 98.8 74.6 111.8



#6
Chloroethane
Concen: 2.562 ug/l
RT: 2.847 min Scan# 183
Delta R.T. 0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 64 Resp: 8100
Ion Ratio Lower Upper
64 100
66 21.0 26.5 39.7#

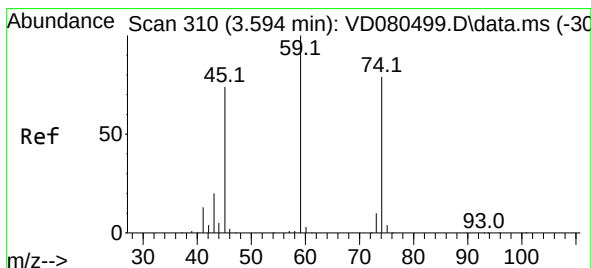
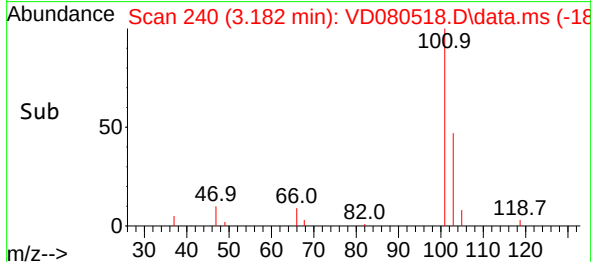
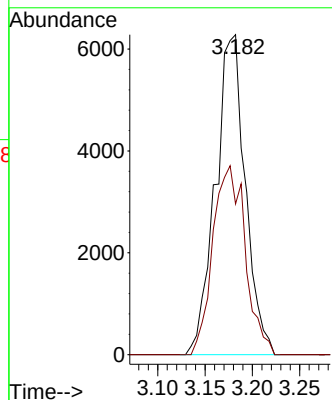
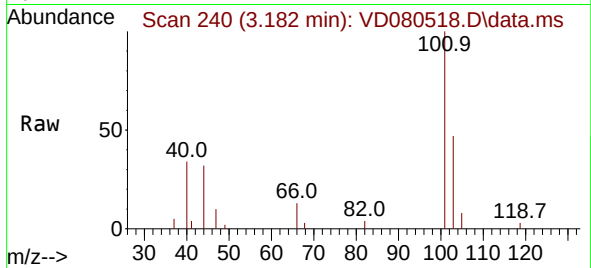




#7
 Trichlorofluoromethane
 Concen: 2.446 ug/l
 RT: 3.182 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: VD080518.D
 Acq: 05 Sep 2025 11:29

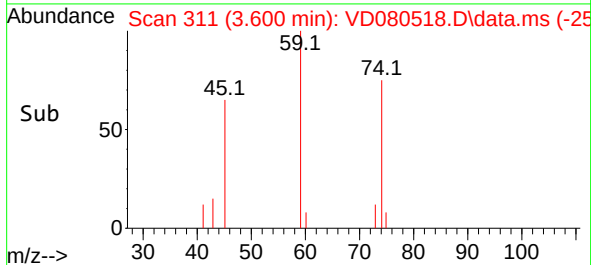
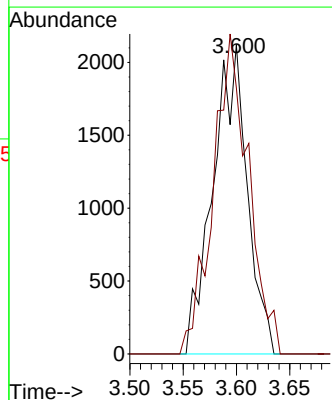
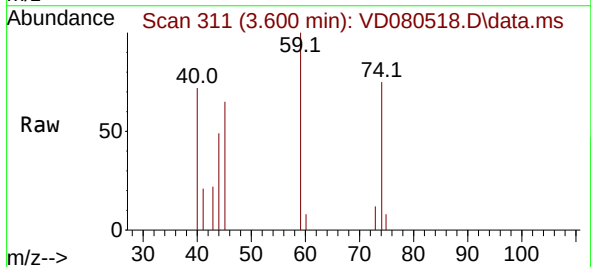
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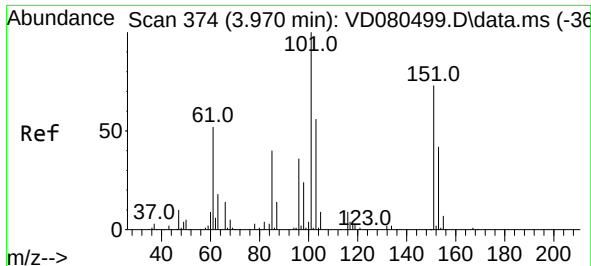
Tgt Ion:101 Resp: 13795
 Ion Ratio Lower Upper
 101 100
 103 47.1 49.6 74.4#



#8
 Diethyl Ether
 Concen: 2.128 ug/l
 RT: 3.600 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VD080518.D
 Acq: 05 Sep 2025 11:29

Tgt Ion: 74 Resp: 4756
 Ion Ratio Lower Upper
 74 100
 45 106.4 48.2 144.6

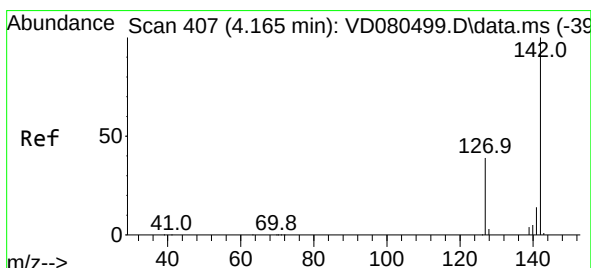
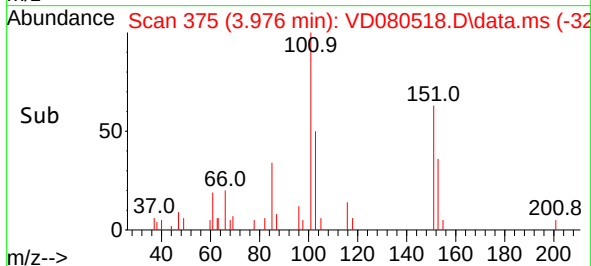
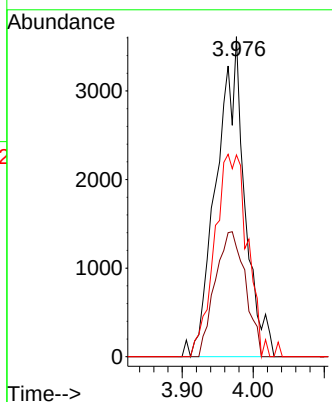
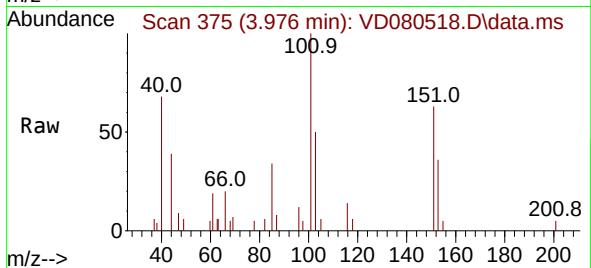




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.723 ug/l
RT: 3.976 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD080518.D
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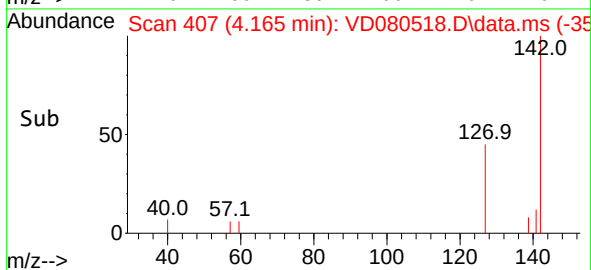
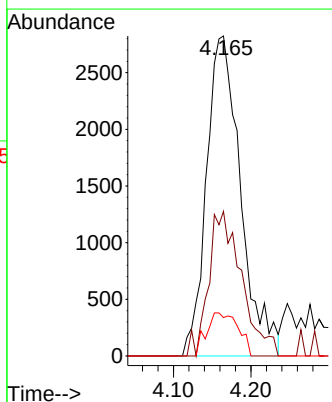
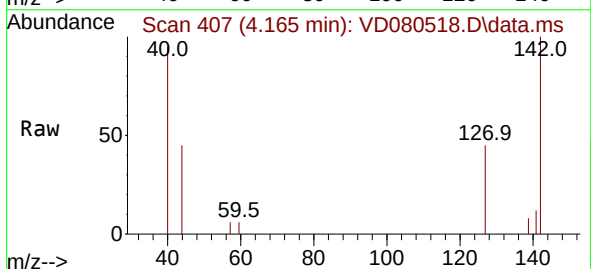
Instrument :
MSVOA_D
ClientSampleId :

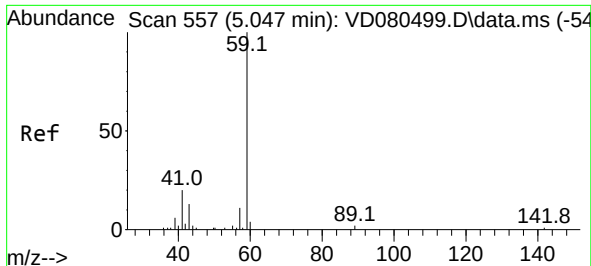
Tgt Ion:101 Resp: 9968
Ion Ratio Lower Upper
101 100
85 41.8 33.8 50.6
151 73.3 58.0 87.0



#10
Methyl Iodide
Concen: 2.049 ug/l
RT: 4.165 min Scan# 407
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

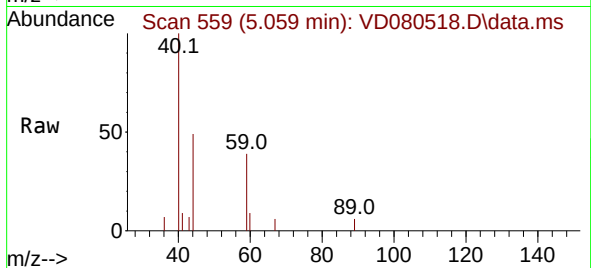
Tgt Ion:142 Resp: 8658
Ion Ratio Lower Upper
142 100
127 43.8 33.1 49.7
141 12.5 11.7 17.5



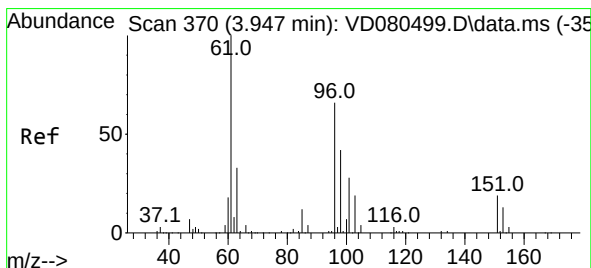
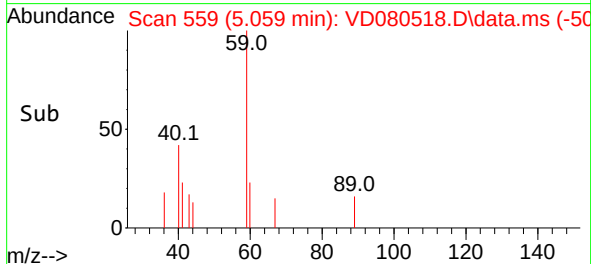
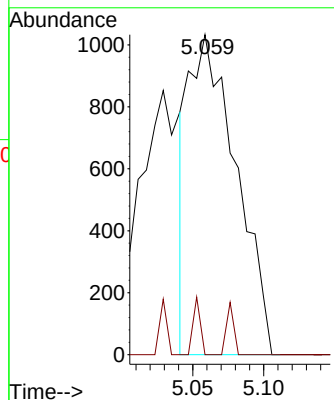


#11
Tert butyl alcohol
Concen: 8.457 ug/l
RT: 5.059 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :

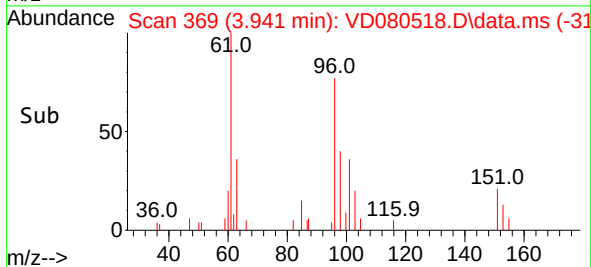
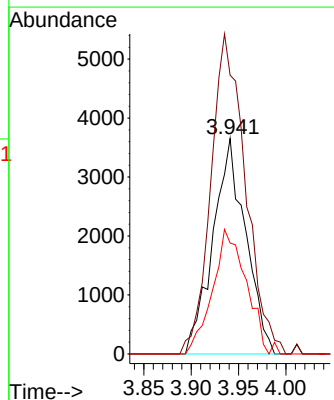
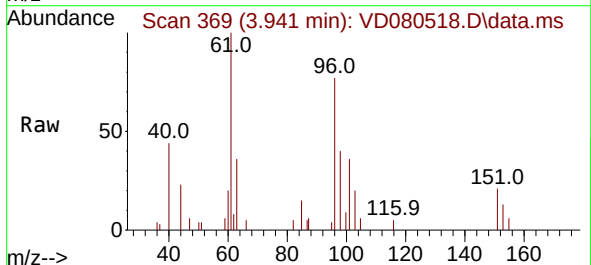


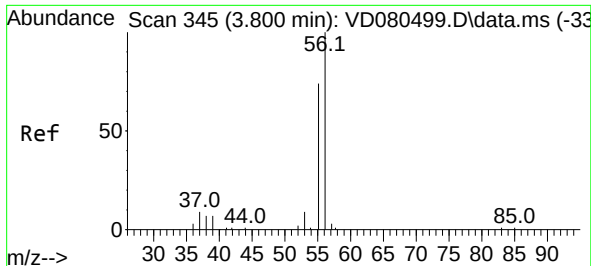
Tgt Ion: 59 Resp: 2411
Ion Ratio Lower Upper
59 100
57 2.7 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 2.304 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 96 Resp: 8787
Ion Ratio Lower Upper
96 100
61 129.3 120.9 181.3
98 51.5 50.7 76.1

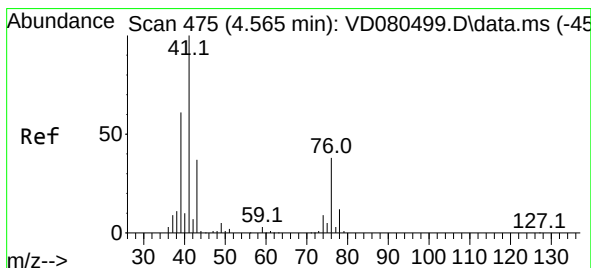
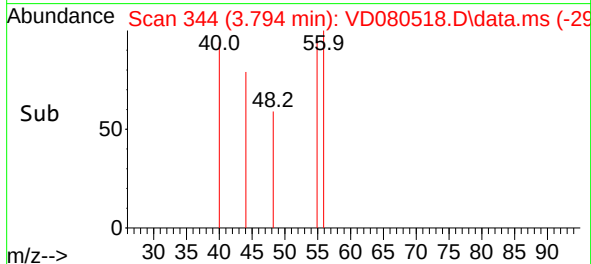
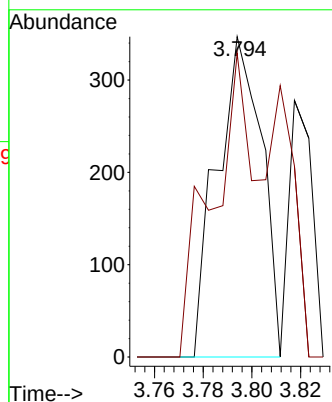
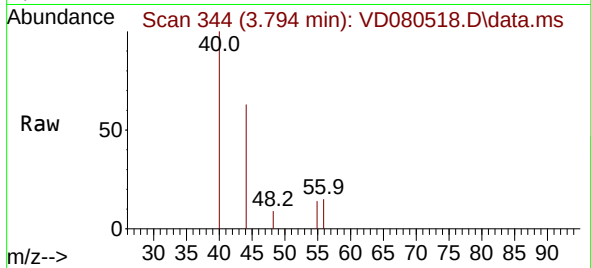




#13
Acrolein
Concen: 1.465 ug/l
RT: 3.794 min Scan# 34
Delta R.T. -0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

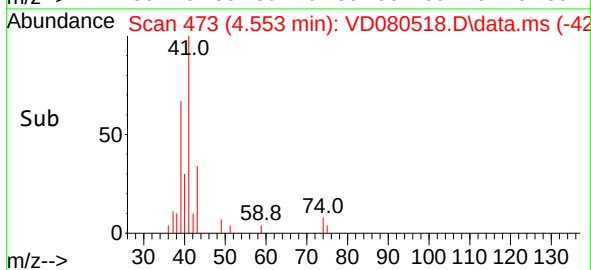
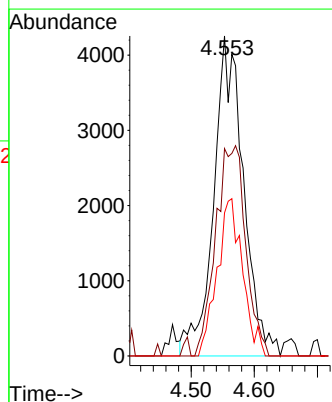
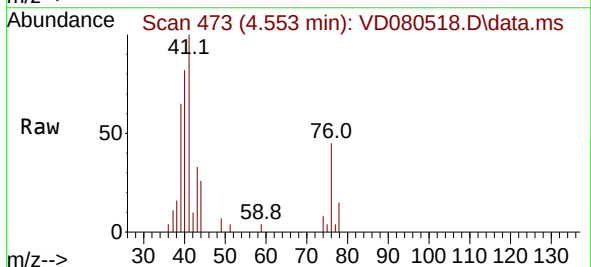
Instrument :
MSVOA_D
ClientSampleId :

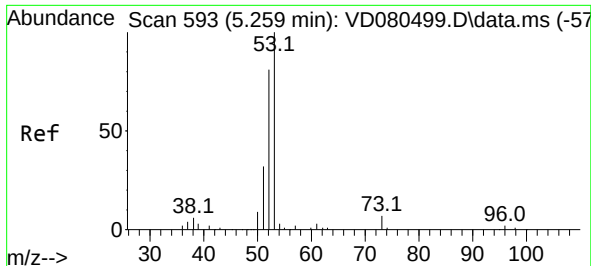
Tgt Ion: 56 Resp: 444
Ion Ratio Lower Upper
56 100
55 136.7 56.6 85.0#



#14
Allyl chloride
Concen: 2.109 ug/l
RT: 4.553 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

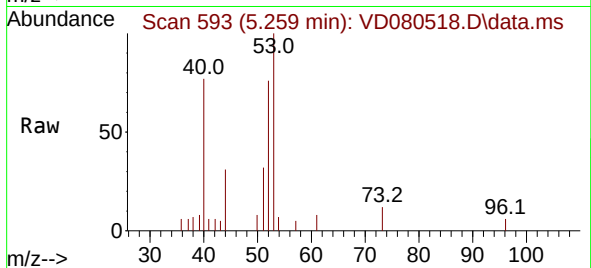
Tgt Ion: 41 Resp: 13955
Ion Ratio Lower Upper
41 100
39 66.2 50.1 75.1
76 42.0 30.7 46.1



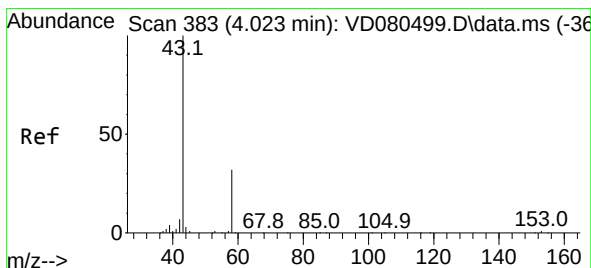
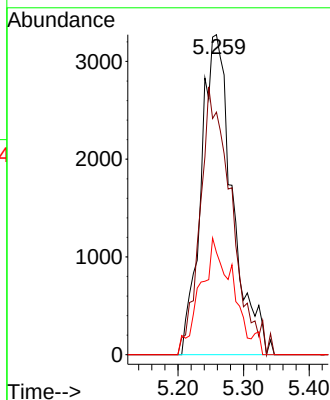
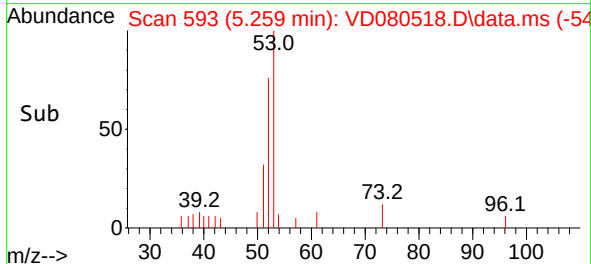


#15
Acrylonitrile
Concen: 10.988 ug/l
RT: 5.259 min Scan# 593
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :

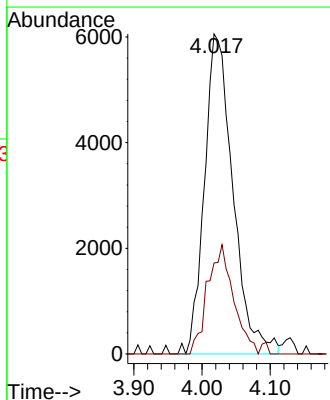
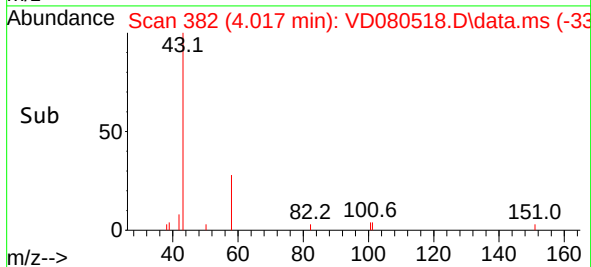
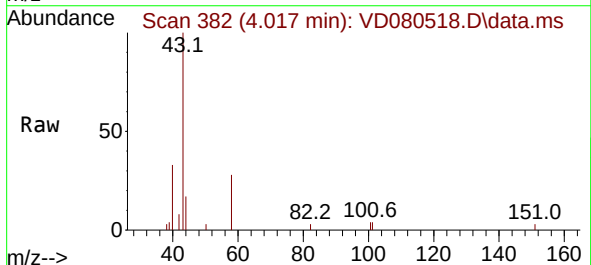


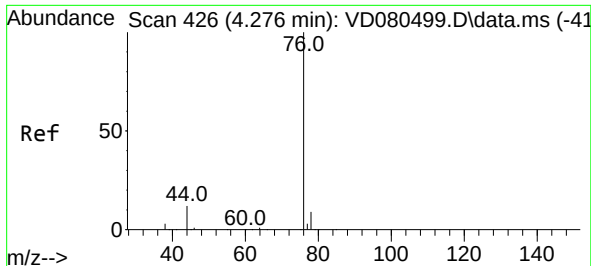
Tgt Ion: 53 Resp: 10938
Ion Ratio Lower Upper
53 100
52 83.8 64.6 97.0
51 36.6 28.0 42.0



#16
Acetone
Concen: 19.118 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 43 Resp: 17632
Ion Ratio Lower Upper
43 100
58 28.4 25.4 38.0

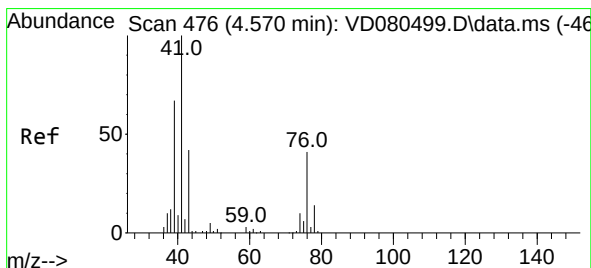
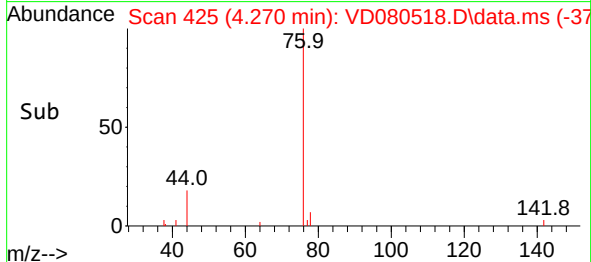
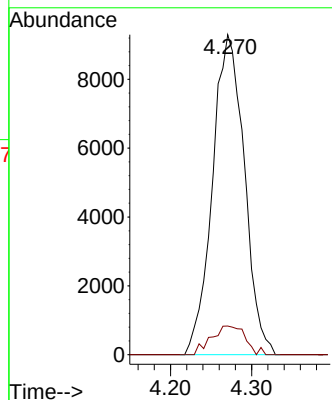
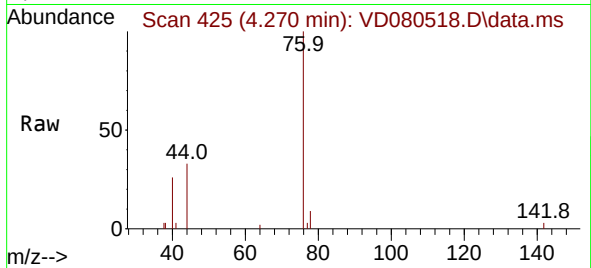




#17
Carbon Disulfide
Concen: 1.967 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

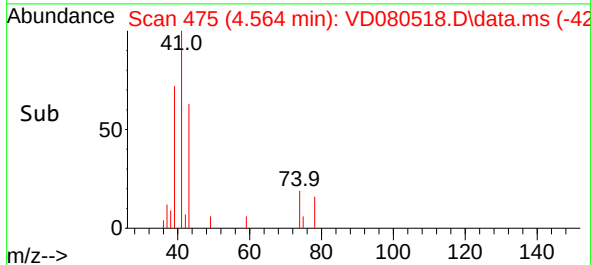
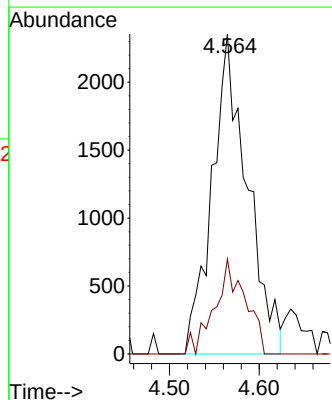
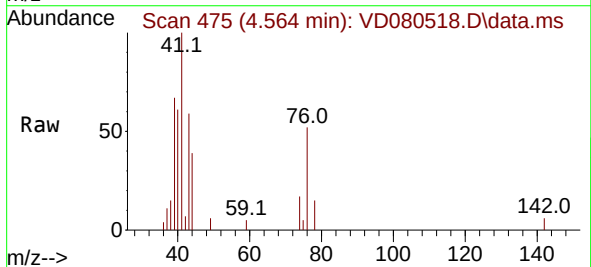
Instrument :
MSVOA_D
ClientSampleId :

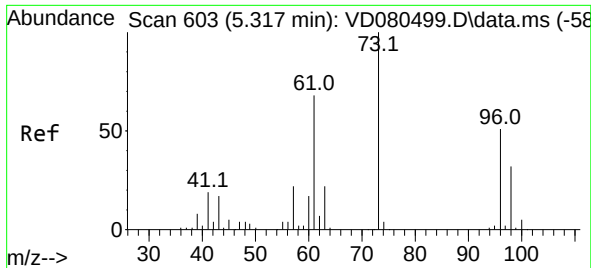
Tgt Ion: 76 Resp: 25368
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 2.467 ug/l
RT: 4.564 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 43 Resp: 6402
Ion Ratio Lower Upper
43 100
74 25.9 20.2 30.2

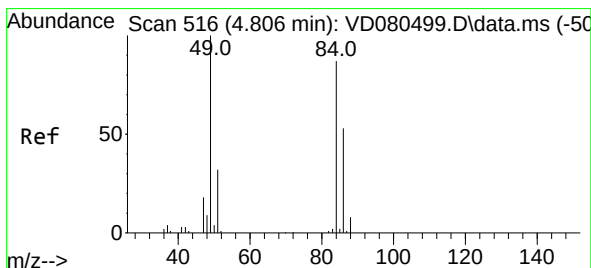
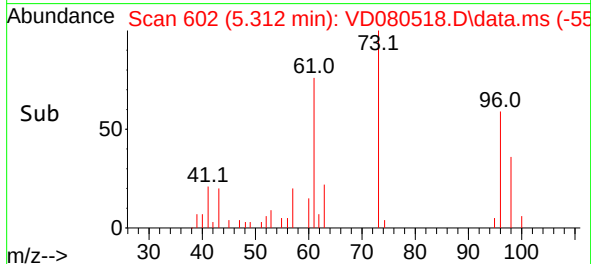
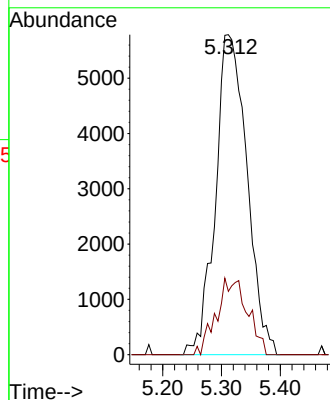
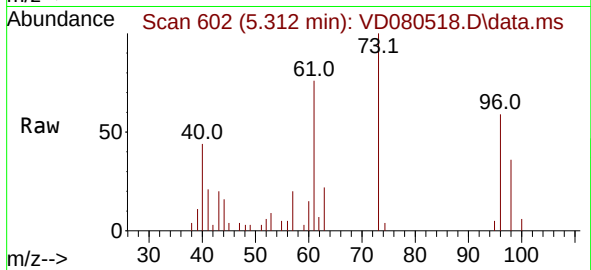




#19
Methyl tert-butyl Ether
Concen: 2.155 ug/l
RT: 5.312 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

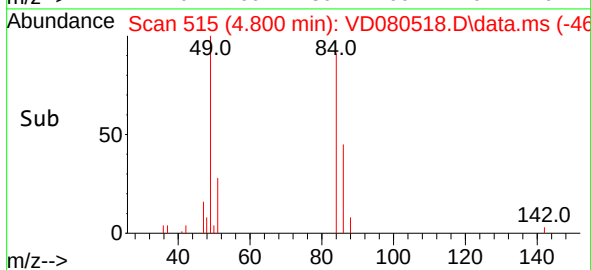
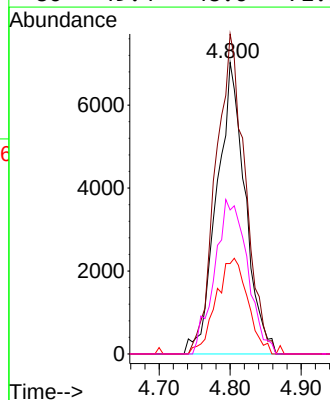
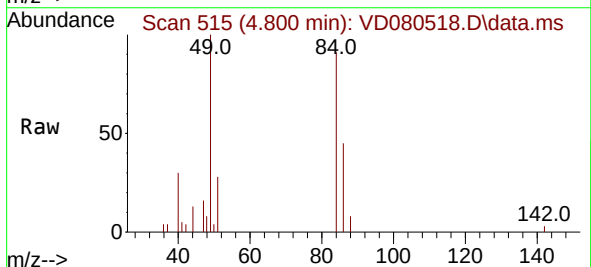
Instrument :
MSVOA_D
ClientSampleId :

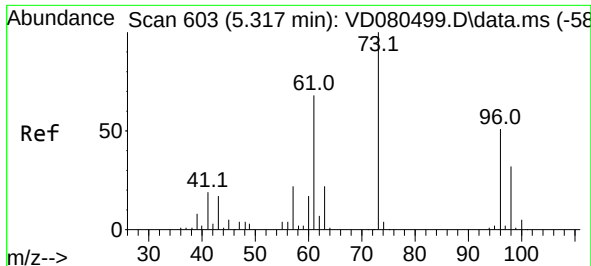
Tgt Ion: 73 Resp: 21563
Ion Ratio Lower Upper
73 100
57 19.8 17.8 26.8



#20
Methylene Chloride
Concen: 3.839 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

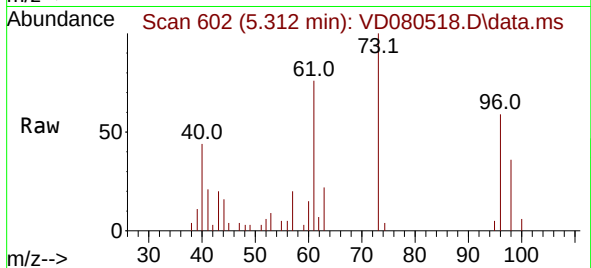
Tgt Ion: 84 Resp: 19448
Ion Ratio Lower Upper
84 100
49 109.8 91.8 137.6
51 31.0 29.0 43.4
86 49.4 48.6 72.8



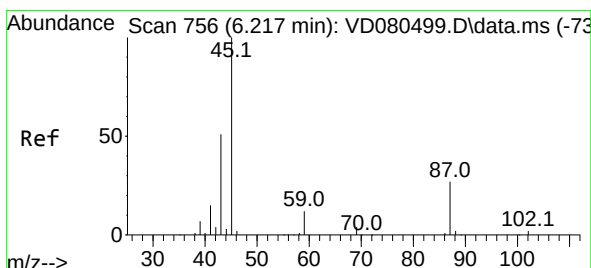
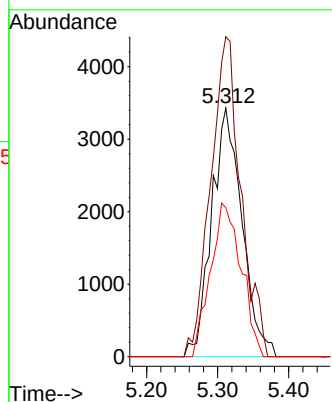
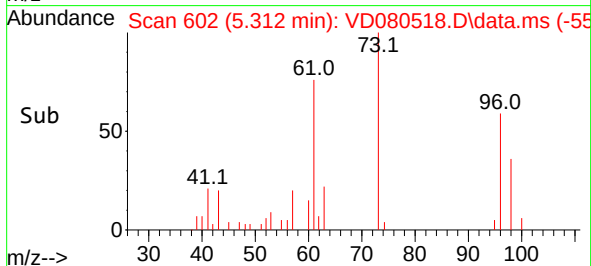


#21
trans-1,2-Dichloroethene
Concen: 2.339 ug/l
RT: 5.312 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

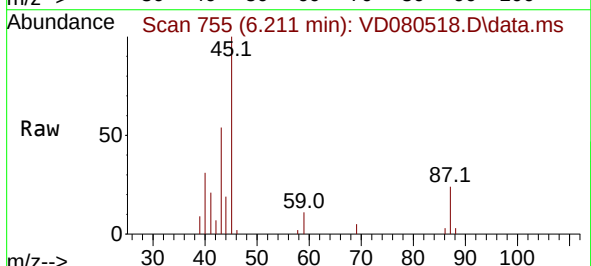
Instrument :
MSVOA_D
ClientSampleId :



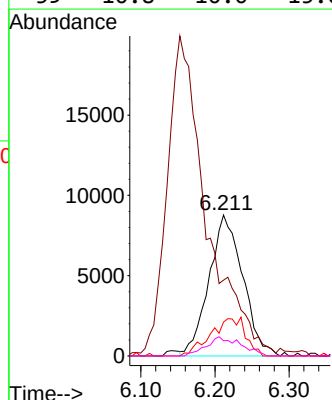
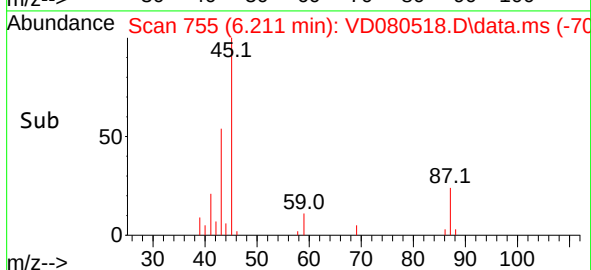
Tgt Ion: 96 Resp: 10209
Ion Ratio Lower Upper
96 100
61 128.8 107.4 161.0
98 60.0 49.9 74.9

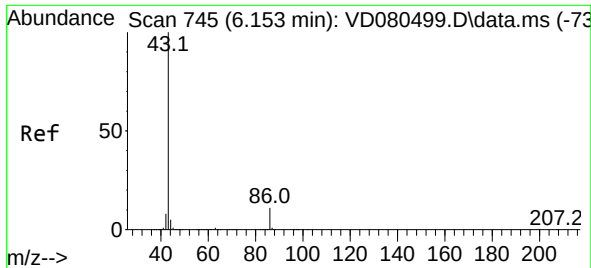


#22
Diisopropyl ether
Concen: 2.039 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29



Tgt Ion: 45 Resp: 27773
Ion Ratio Lower Upper
45 100
43 48.3 40.6 60.8
87 24.0 21.6 32.4
59 10.8 10.0 15.0

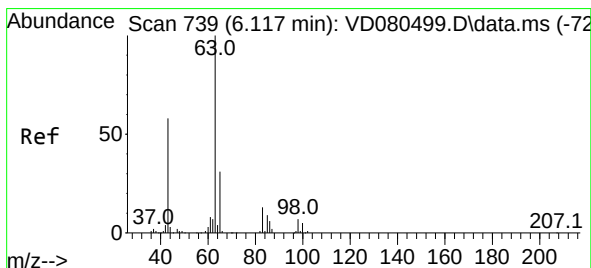
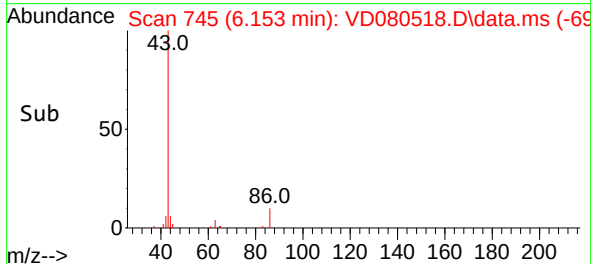
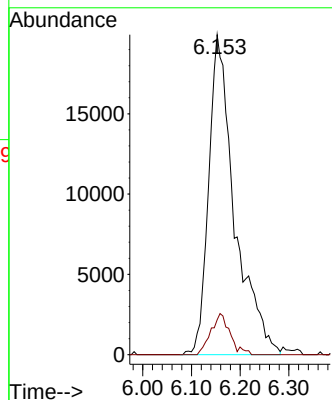
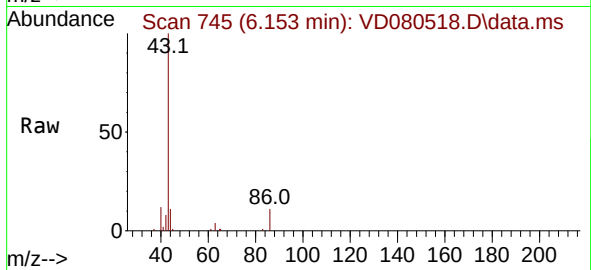




#23
 Vinyl Acetate
 Concen: 9.509 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD080518.D
 Acq: 05 Sep 2025 11:29

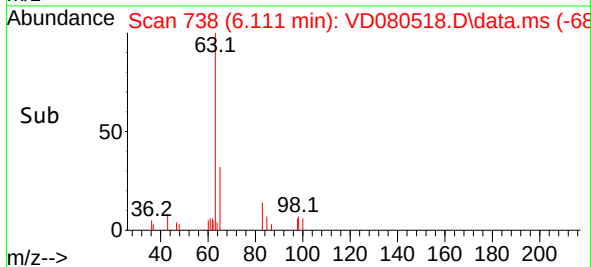
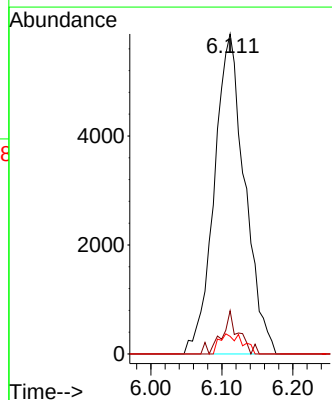
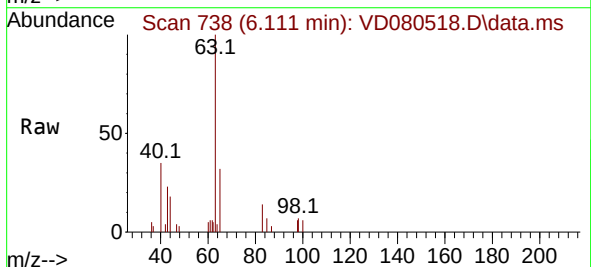
Instrument :
 MSVOA_D
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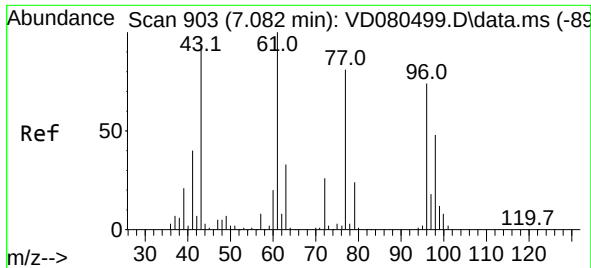
Tgt Ion: 43 Resp: 73699
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 2.220 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080518.D
 Acq: 05 Sep 2025 11:29

Tgt Ion: 63 Resp: 17504
 Ion Ratio Lower Upper
 63 100
 98 13.5 3.3 9.9#
 100 5.5 2.4 7.1

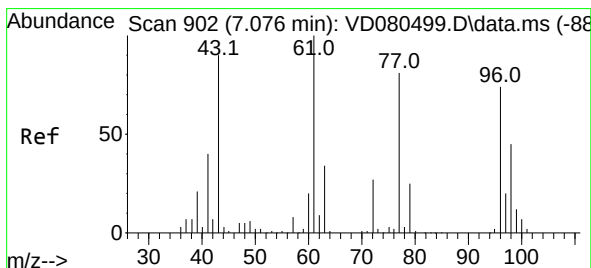
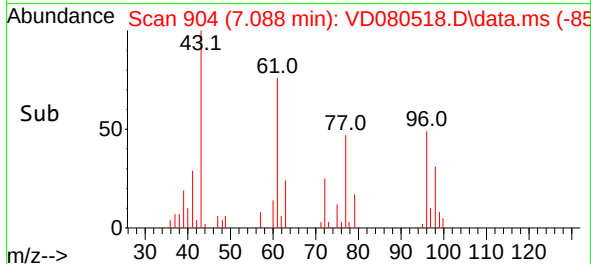
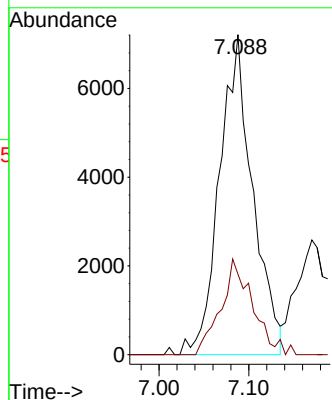
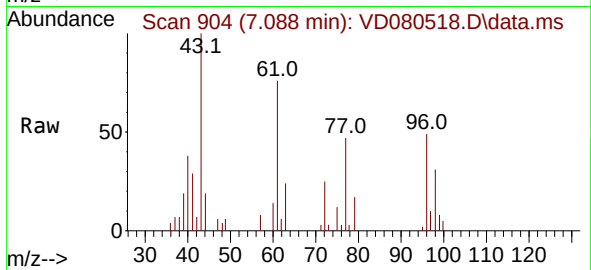




#25
2-Butanone
Concen: 14.163 ug/l
RT: 7.088 min Scan# 904
Delta R.T. 0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

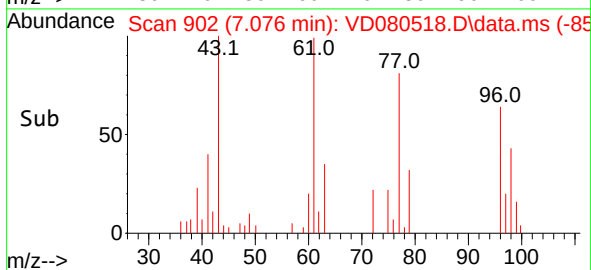
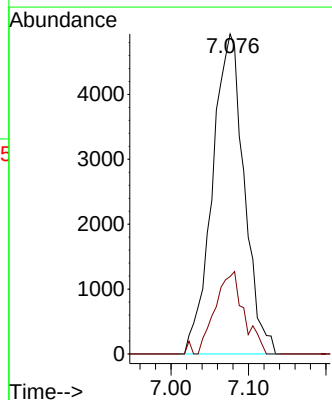
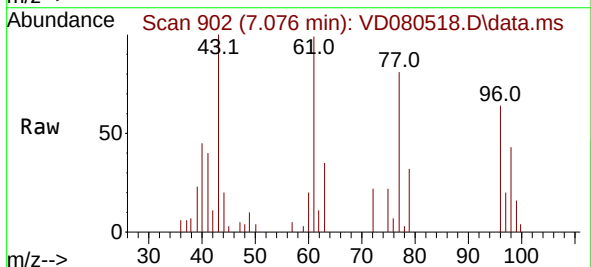
Instrument :
MSVOA_D
ClientSampleId :

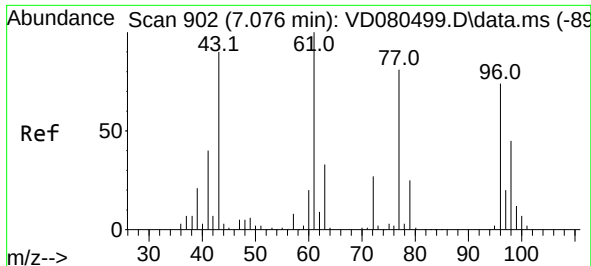
Tgt Ion: 43 Resp: 18495
Ion Ratio Lower Upper
43 100
72 25.1 22.8 34.2



#26
2,2-Dichloropropane
Concen: 2.255 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 77 Resp: 14078
Ion Ratio Lower Upper
77 100
97 23.2 12.4 37.0

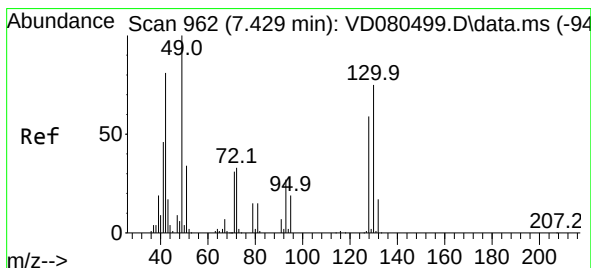
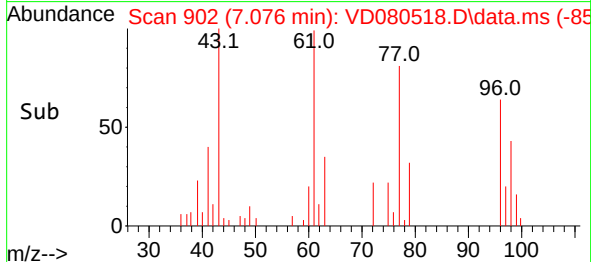
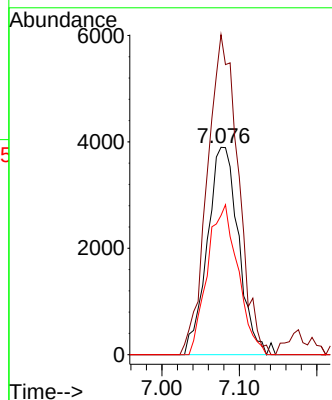
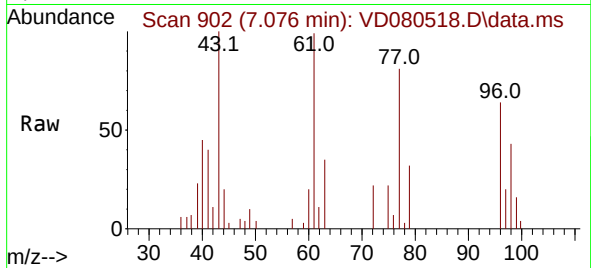




#27
 cis-1,2-Dichloroethene
 Concen: 2.095 ug/l
 RT: 7.076 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VD080518.D
 Acq: 05 Sep 2025 11:29

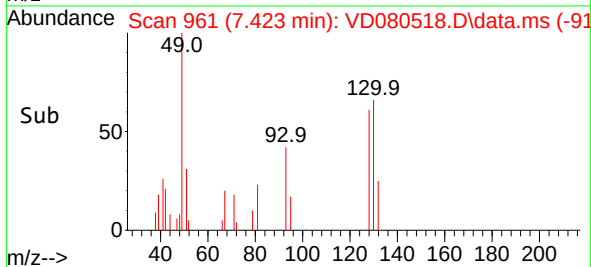
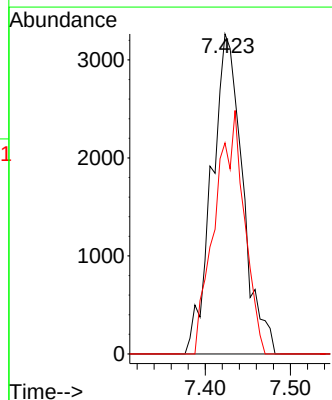
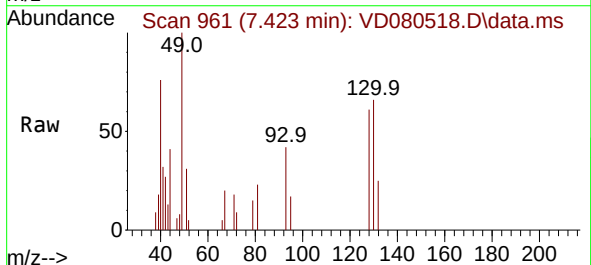
Instrument :
 MSVOA_D
 ClientSampleId :

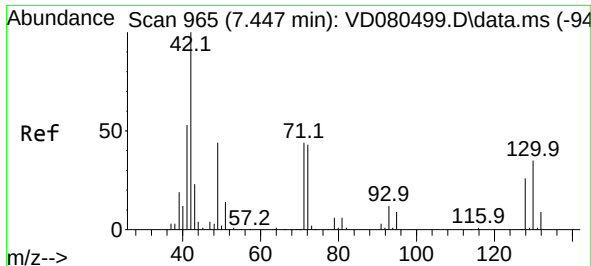
Tgt Ion: 96 Resp: 10914
 Ion Ratio Lower Upper
 96 100
 61 153.5 0.0 275.2
 98 70.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 2.561 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.006 min
 Lab File: VD080518.D
 Acq: 05 Sep 2025 11:29

Tgt Ion: 49 Resp: 8229
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 72.3 61.1 91.7





#29

Tetrahydrofuran

Concen: 11.325 ug/l

RT: 7.441 min Scan# 90

Delta R.T. -0.006 min

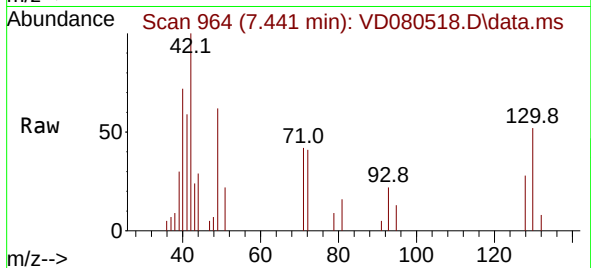
Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

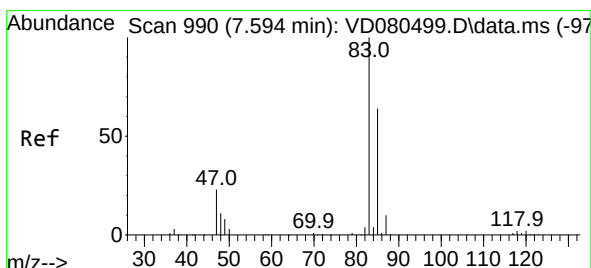
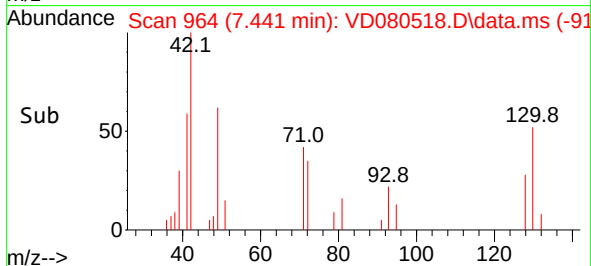
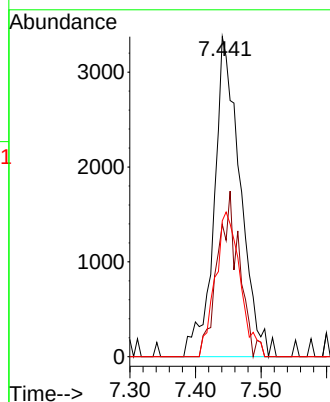
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	9346
Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.7	52.1
71	43.1	32.9	49.3



#30

Chloroform

Concen: 2.232 ug/l

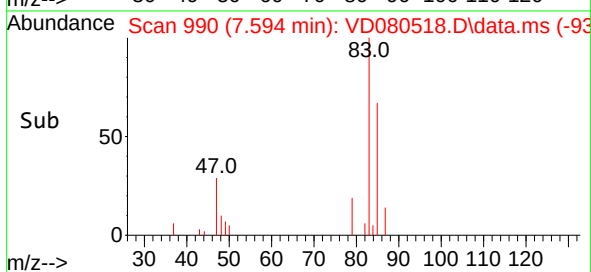
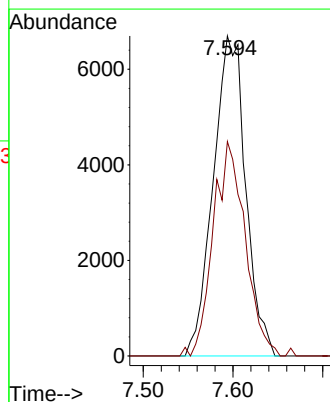
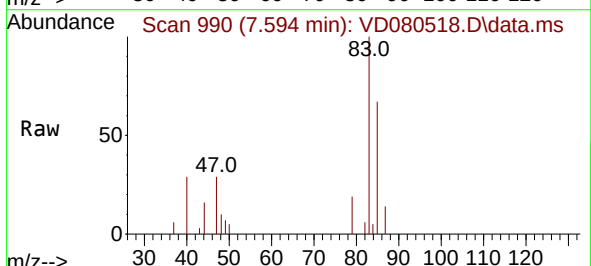
RT: 7.594 min Scan# 990

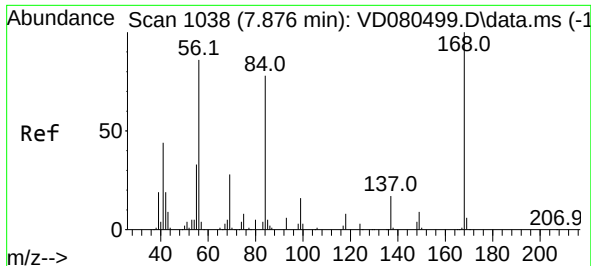
Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

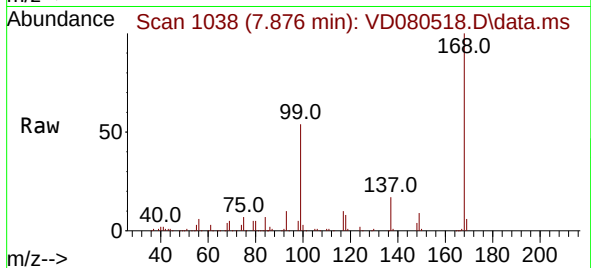
Tgt Ion:	83	Resp:	16827
Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.2	76.8



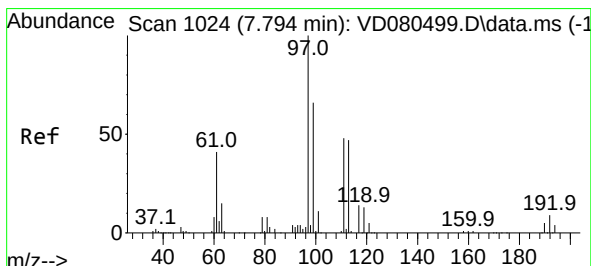
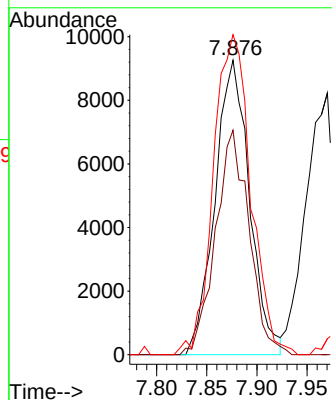
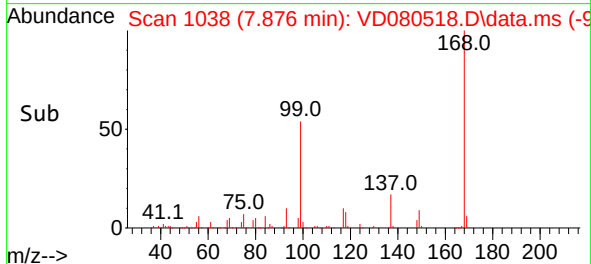


#31
Cyclohexane
Concen: 3.008 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

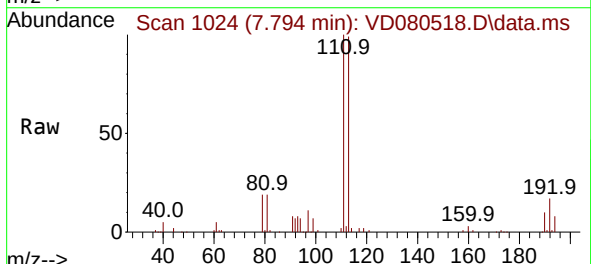
Instrument :
MSVOA_D
ClientSampleId :



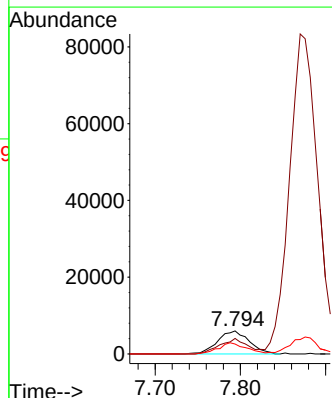
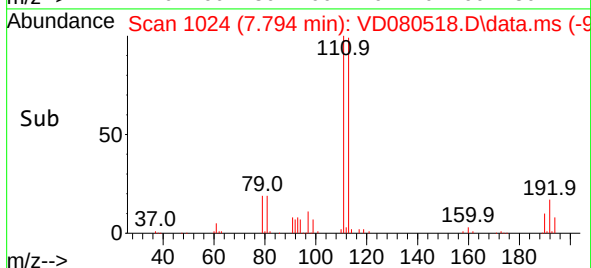
Tgt Ion: 56 Resp: 22197
Ion Ratio Lower Upper
56 100
69 76.2 26.0 39.0#
84 106.4 72.6 108.8

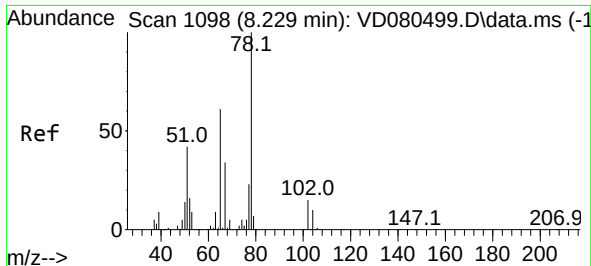


#32
1,1,1-Trichloroethane
Concen: 2.461 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29



Tgt Ion: 97 Resp: 15447
Ion Ratio Lower Upper
97 100
99 56.7 51.0 76.4
61 42.5 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 44.066 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

Instrument :

MSVOA_D

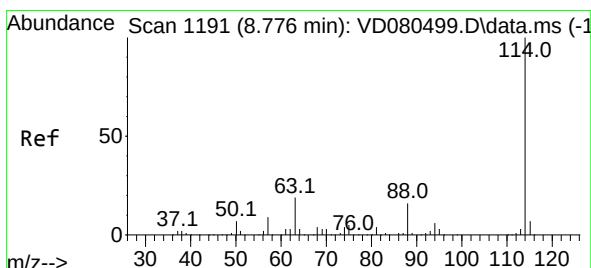
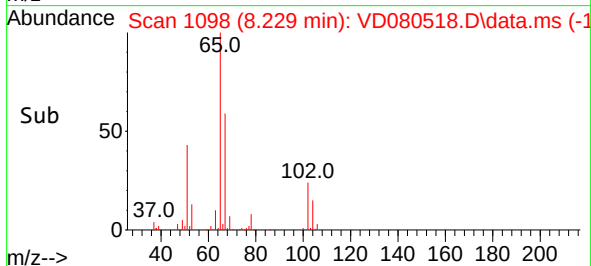
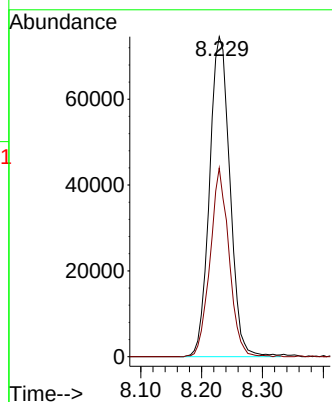
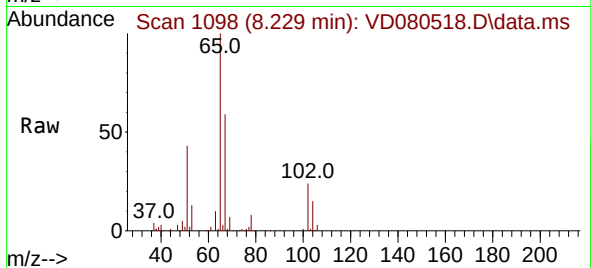
ClientSampleId :

Tgt Ion: 65 Resp: 173594

Ion Ratio Lower Upper

65 100

67 54.6 0.0 113.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

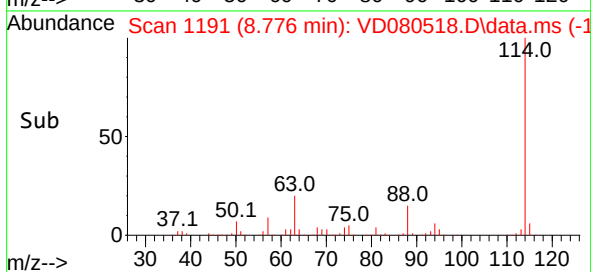
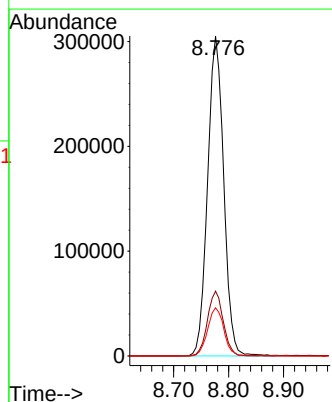
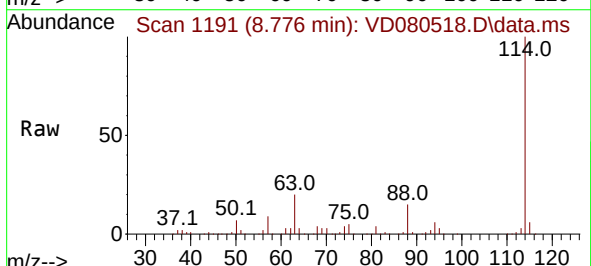
Tgt Ion:114 Resp: 620846

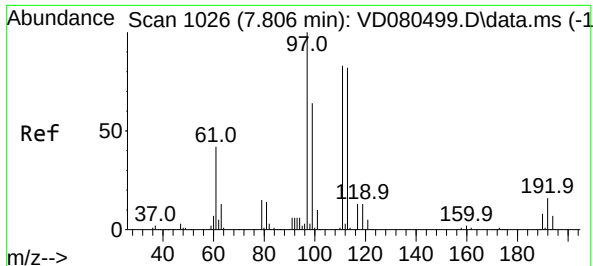
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.6

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 41.788 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

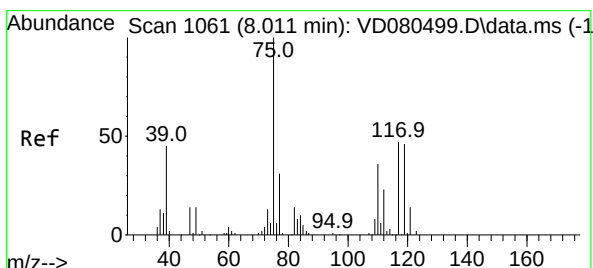
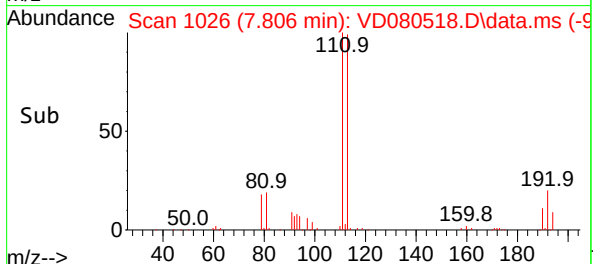
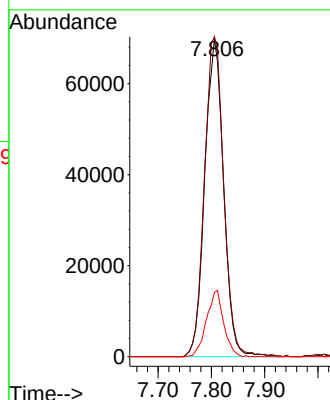
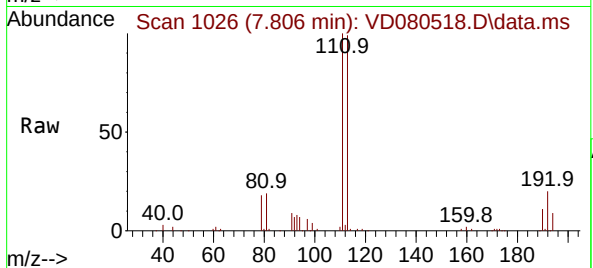
Tgt Ion:113 Resp: 171681

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

192 19.0 14.9 22.3



#36

1,1-Dichloropropene

Concen: 2.346 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. -0.005 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

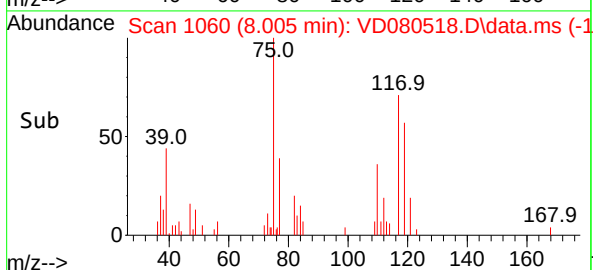
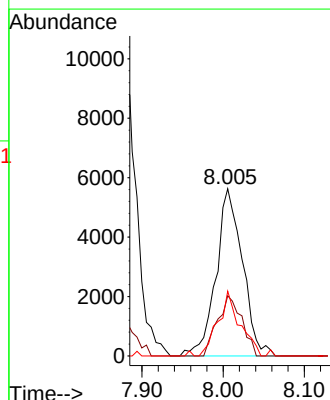
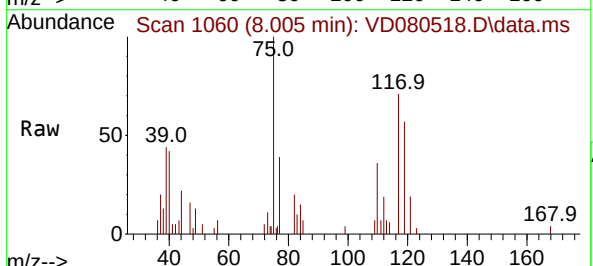
Tgt Ion: 75 Resp: 12762

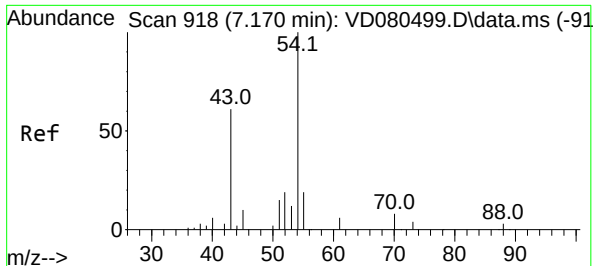
Ion Ratio Lower Upper

75 100

110 33.0 18.1 54.1

77 32.2 25.7 38.5

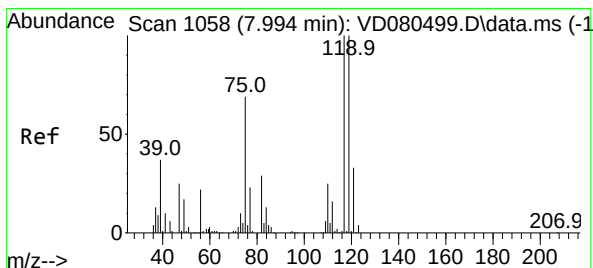
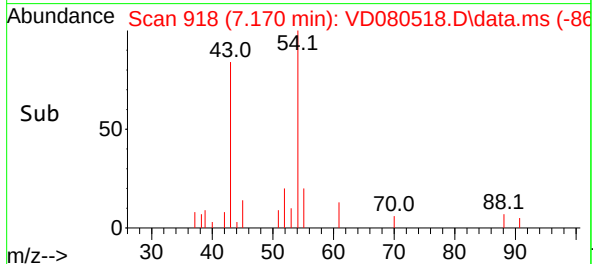
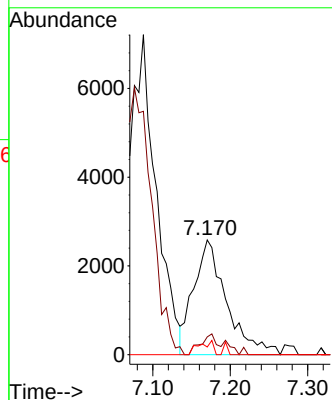
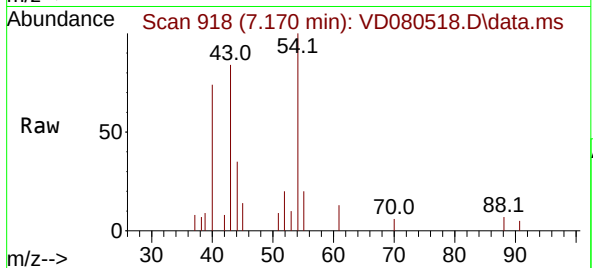




#37
Ethyl Acetate
Concen: 2.909 ug/l
RT: 7.170 min Scan# 918
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

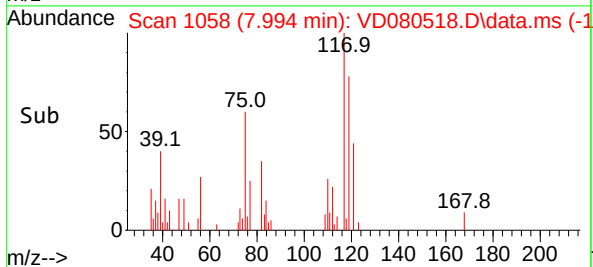
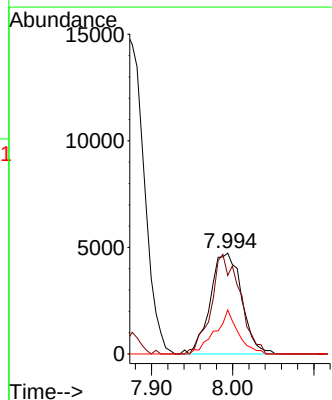
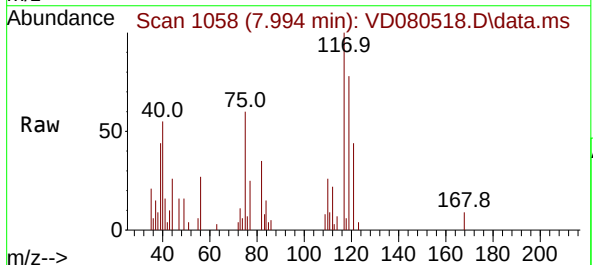
Instrument :
MSVOA_D
ClientSampleId :

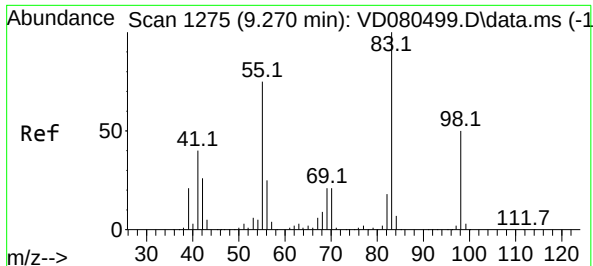
Tgt Ion: 43 Resp: 7610
Ion Ratio Lower Upper
43 100
61 9.1 11.8 17.8#
70 5.3 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 2.456 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 117 Resp: 12716
Ion Ratio Lower Upper
117 100
119 77.8 80.2 120.2#
121 43.6 26.8 40.2#





#39

Methylcyclohexane

Concen: 2.566 ug/l

RT: 9.270 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

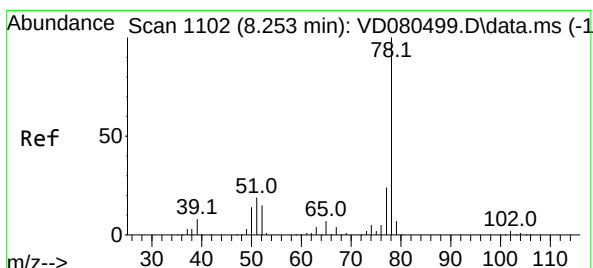
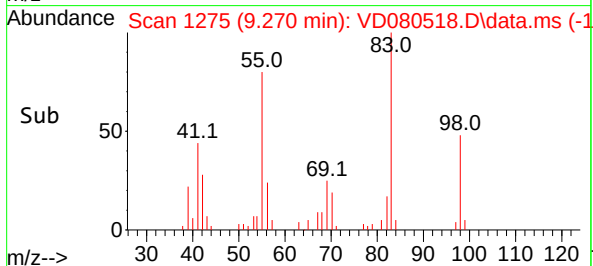
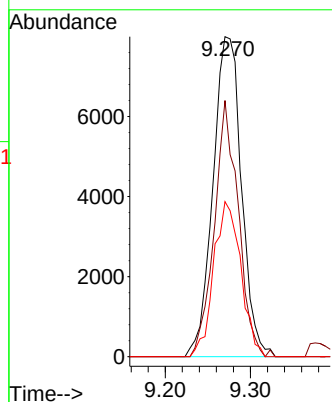
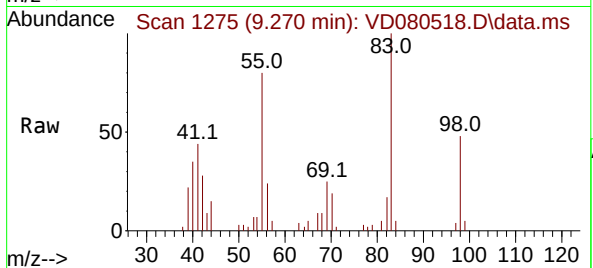
Tgt Ion: 83 Resp: 18582

Ion Ratio Lower Upper

83 100

55 80.1 60.4 90.6

98 48.5 39.8 59.6



#40

Benzene

Concen: 2.275 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080518.D

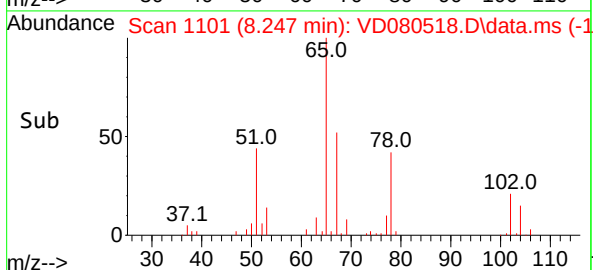
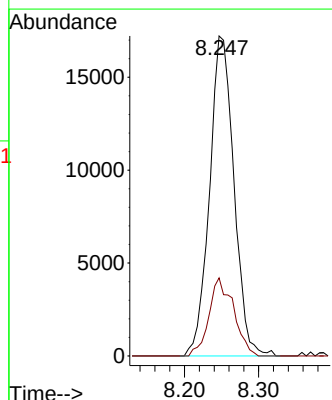
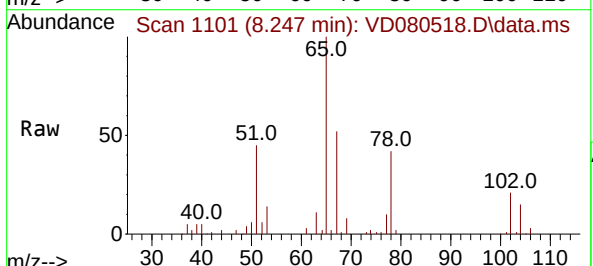
Acq: 05 Sep 2025 11:29

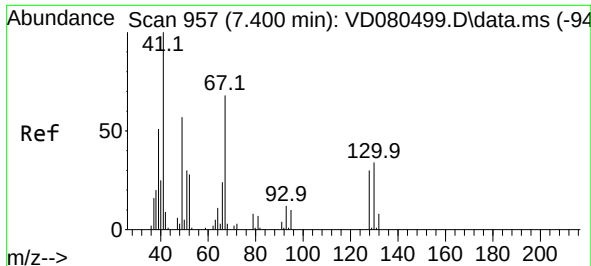
Tgt Ion: 78 Resp: 39395

Ion Ratio Lower Upper

78 100

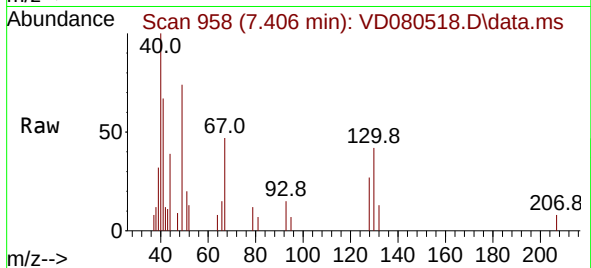
77 24.4 19.0 28.6



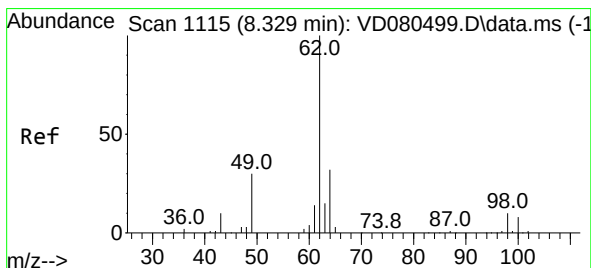
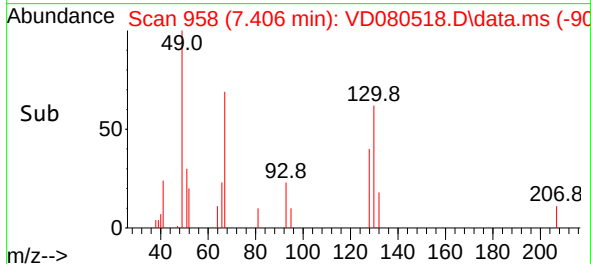
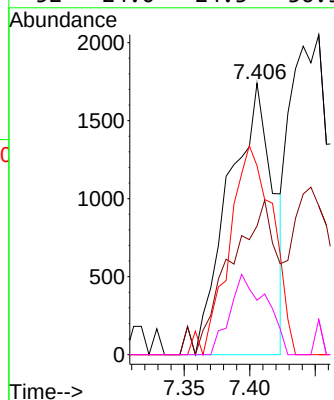


#41
Methacrylonitrile
Concen: 2.660 ug/l
RT: 7.406 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :

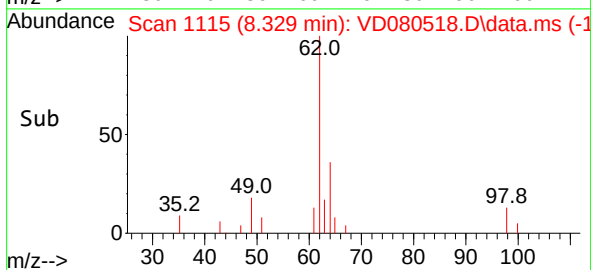
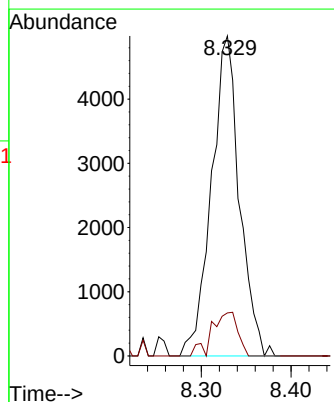
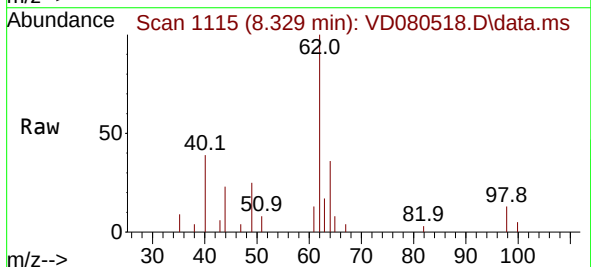


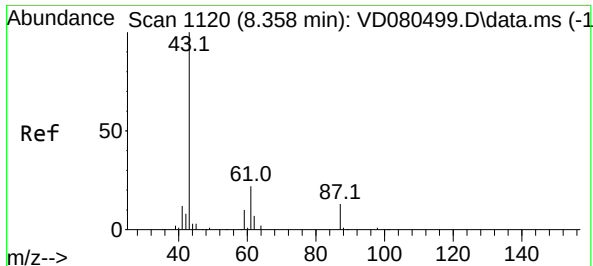
Tgt Ion:	41	Resp:	4132
Ion	Ratio	Lower	Upper
41	100		
39	58.7	50.1	75.1
67	75.1	60.8	91.2
52	24.0	24.3	36.5



#42
1,2-Dichloroethane
Concen: 2.582 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion:	62	Resp:	10828
Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	22.0





#43

Isopropyl Acetate

Concen: 2.257 ug/l

RT: 8.364 min Scan# 1121

Delta R.T. 0.006 min

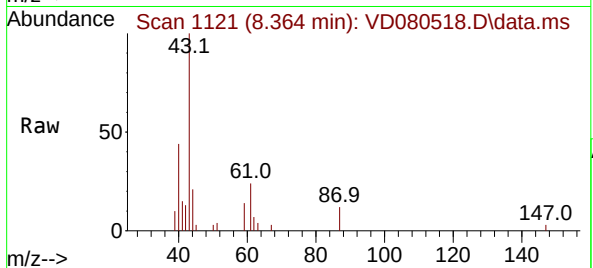
Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

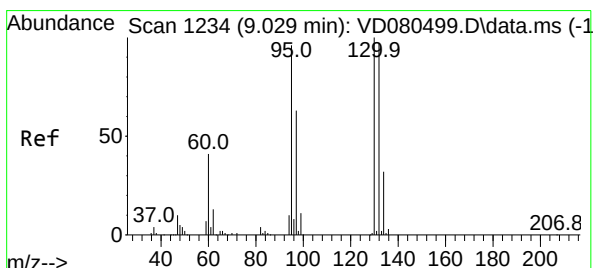
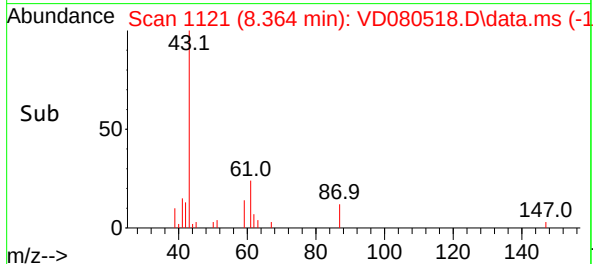
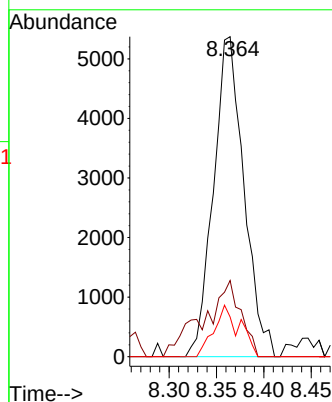
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	12015
Ion	Ratio	Lower	Upper
43	100		
61	20.8	24.3	36.5#
87	13.6	10.9	16.3



#44

Trichloroethene

Concen: 2.304 ug/l

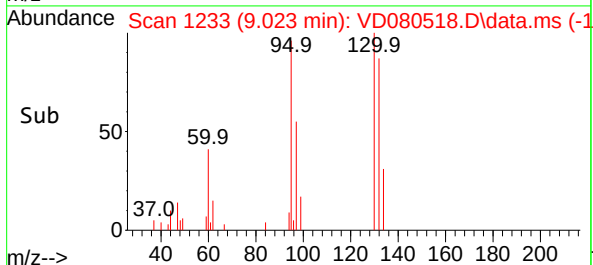
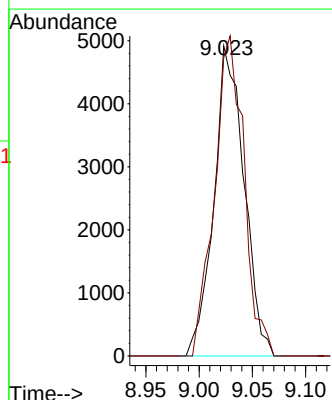
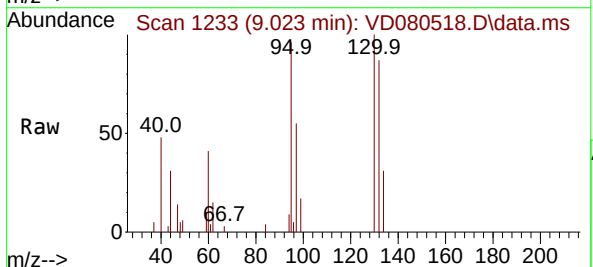
RT: 9.023 min Scan# 1233

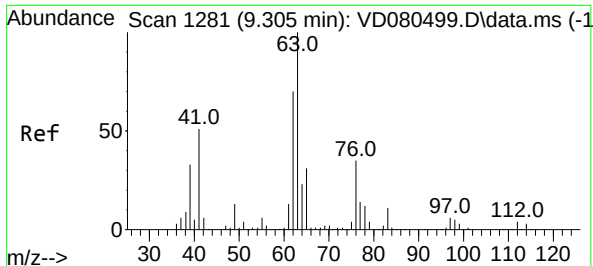
Delta R.T. -0.006 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

Tgt Ion:	130	Resp:	9679
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	191.8





#45

1,2-Dichloropropane

Concen: 2.284 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

Instrument :

MSVOA_D

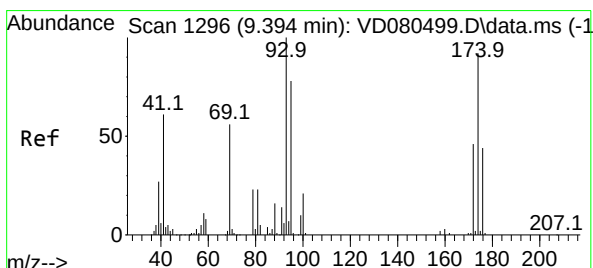
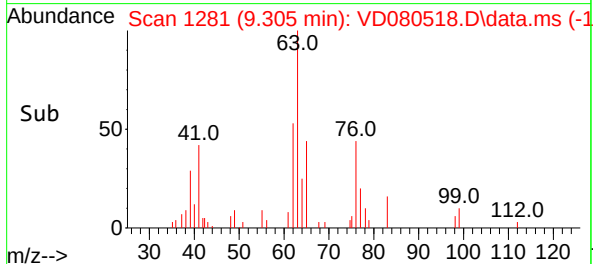
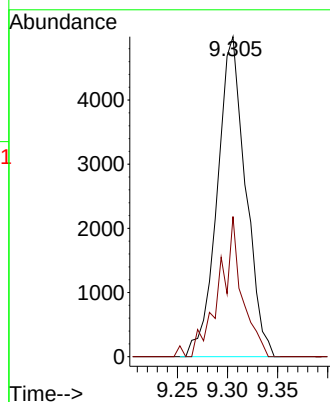
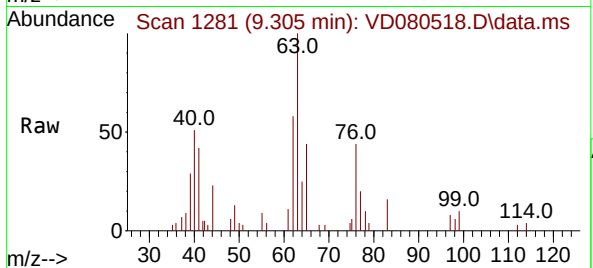
ClientSampleId :

Tgt Ion: 63 Resp: 9807

Ion Ratio Lower Upper

63 100

65 43.8 24.9 37.3#



#46

Dibromomethane

Concen: 2.501 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

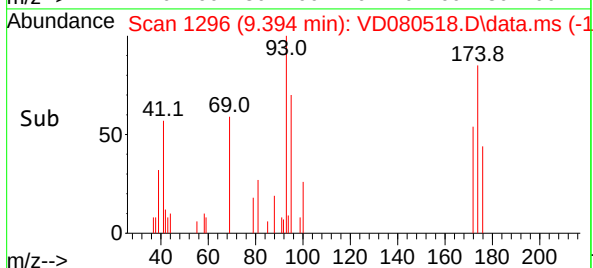
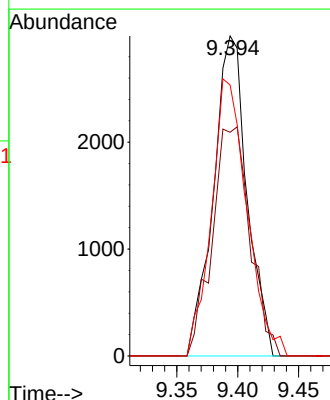
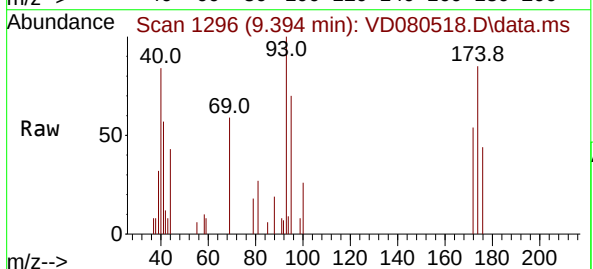
Tgt Ion: 93 Resp: 5754

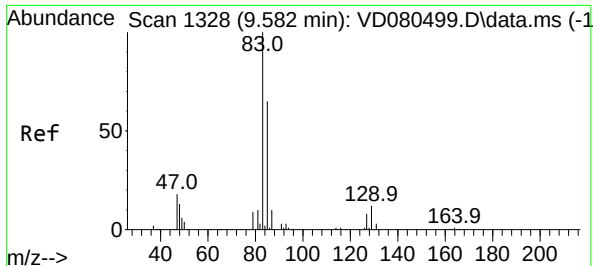
Ion Ratio Lower Upper

93 100

95 80.5 66.3 99.5

174 91.3 74.8 112.2

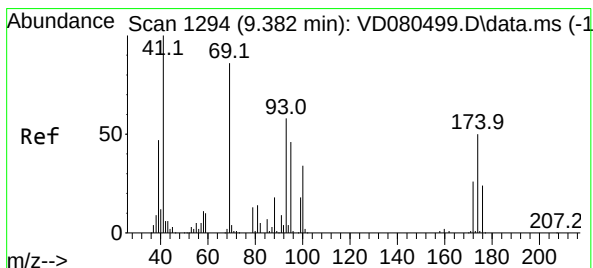
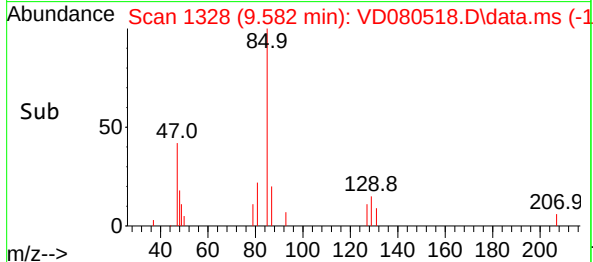
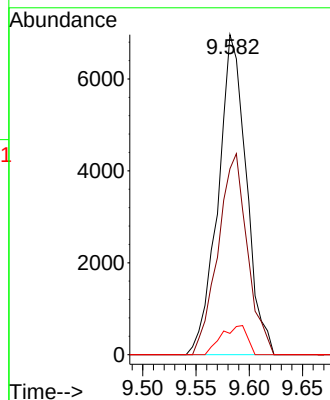
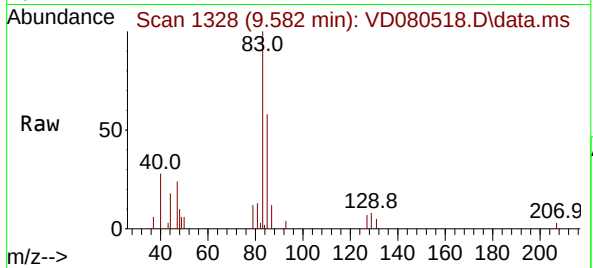




#47
Bromodichloromethane
Concen: 2.285 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

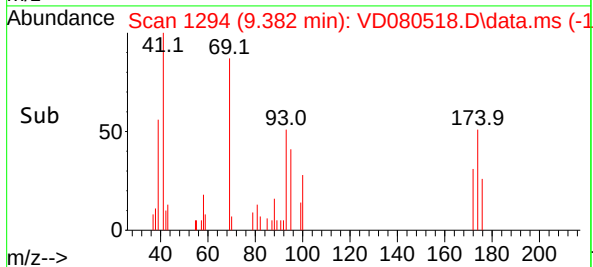
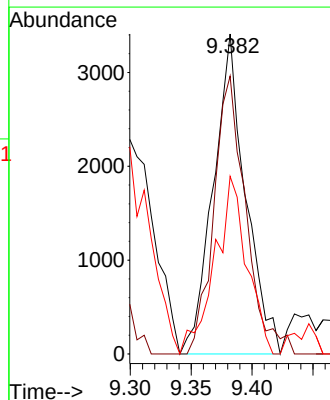
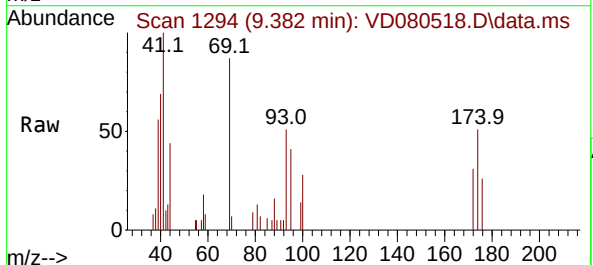
Instrument :
MSVOA_D
ClientSampleId :

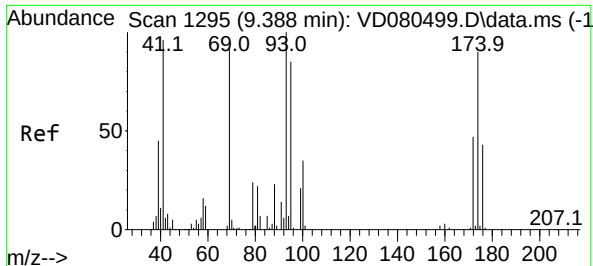
Tgt Ion: 83 Resp: 12816
Ion Ratio Lower Upper
83 100
85 58.1 52.2 78.2
127 6.6 6.6 9.8



#48
Methyl methacrylate
Concen: 2.385 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 41 Resp: 6294
Ion Ratio Lower Upper
41 100
69 85.9 68.7 103.1
39 55.2 36.5 54.7#





#49

1,4-Dioxane

Concen: 47.782 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. -0.000 min

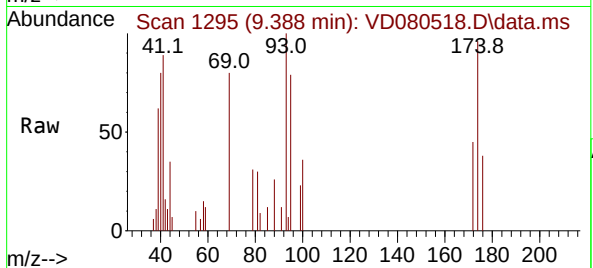
Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :



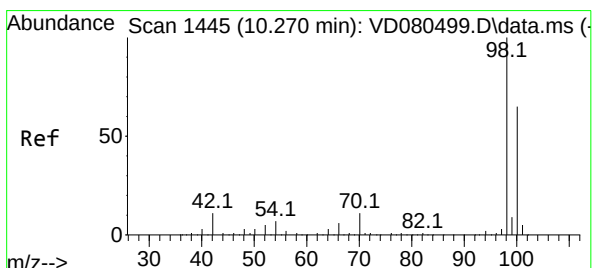
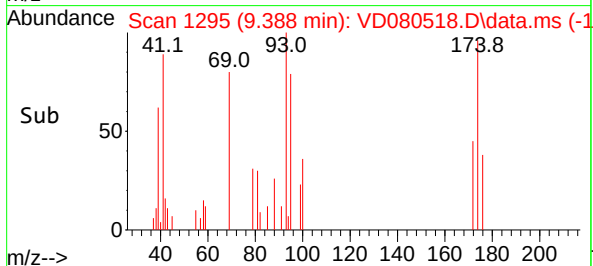
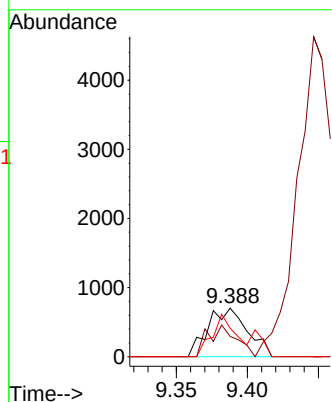
Tgt Ion: 88 Resp: 1359

Ion Ratio Lower Upper

88 100

43 46.4 26.1 39.1#

58 52.1 54.2 81.2#



#50

Toluene-d8

Concen: 42.699 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080518.D

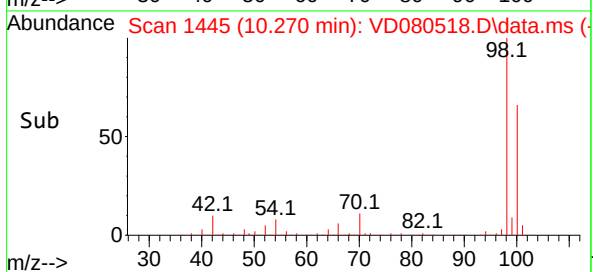
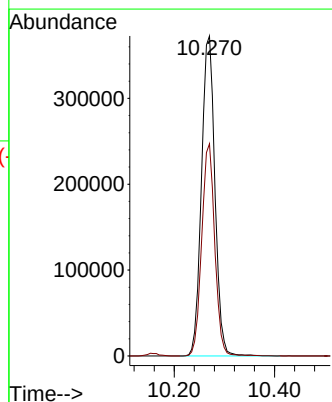
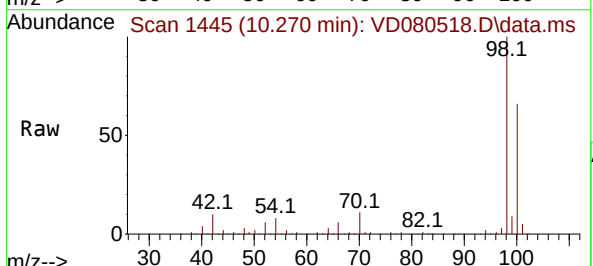
Acq: 05 Sep 2025 11:29

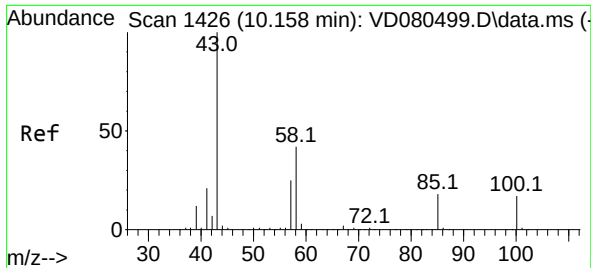
Tgt Ion: 98 Resp: 692484

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6

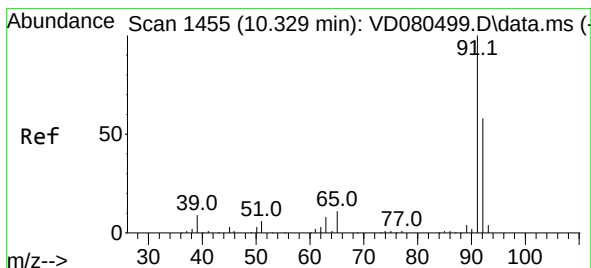
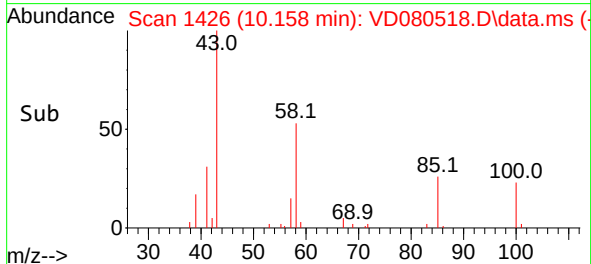
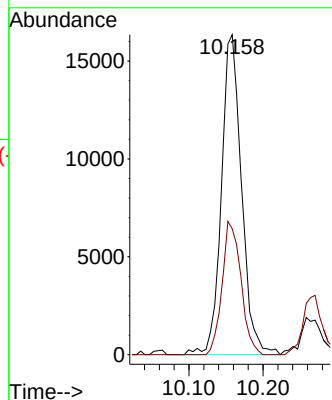
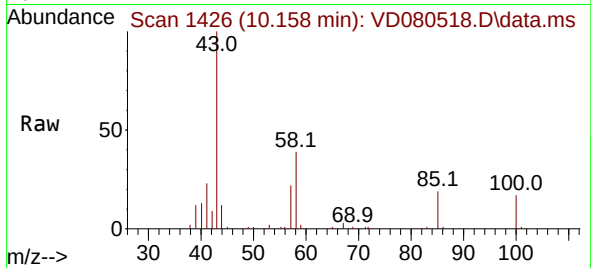




#51
4-Methyl-2-Pentanone
Concen: 11.620 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

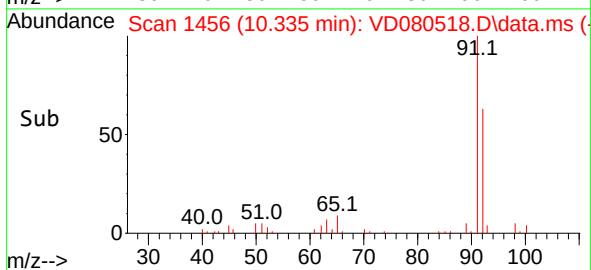
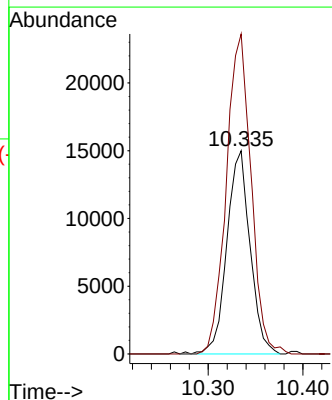
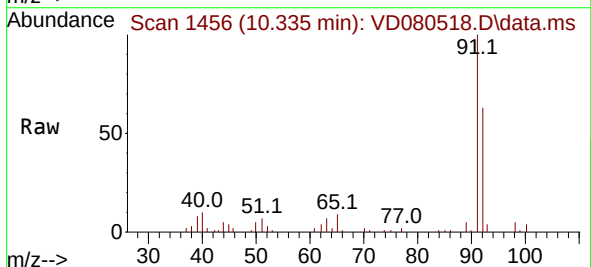
Instrument :
MSVOA_D
ClientSampleId :

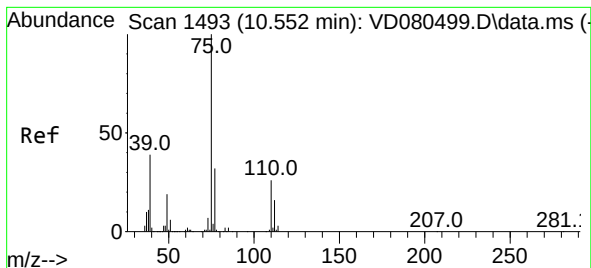
Tgt Ion: 43 Resp: 30846
Ion Ratio Lower Upper
43 100
58 38.9 32.8 49.2



#52
Toluene
Concen: 2.367 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 92 Resp: 25556
Ion Ratio Lower Upper
92 100
91 167.8 138.8 208.2

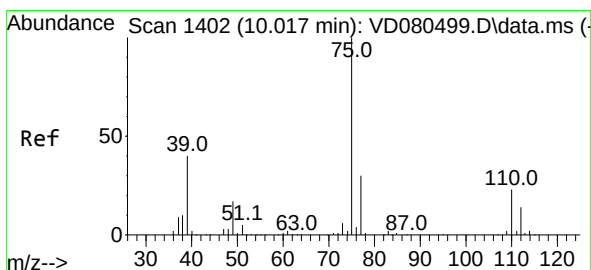
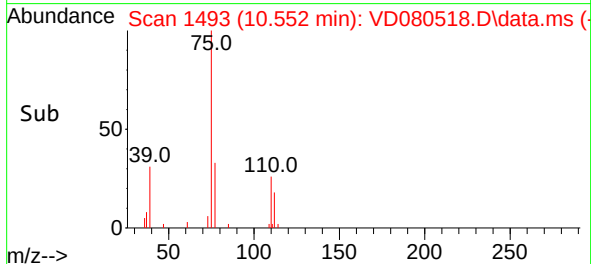
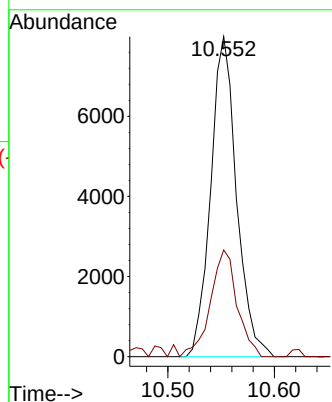
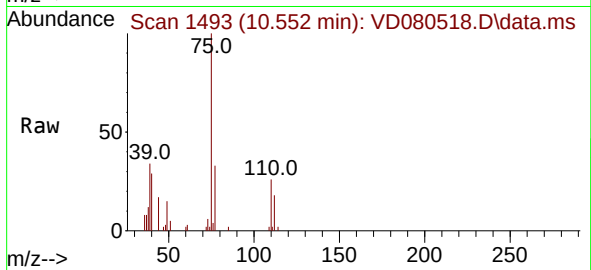




#53
 t-1,3-Dichloropropene
 Concen: 2.358 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VD080518.D
 Acq: 05 Sep 2025 11:29

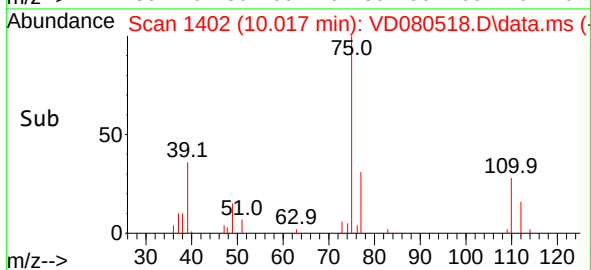
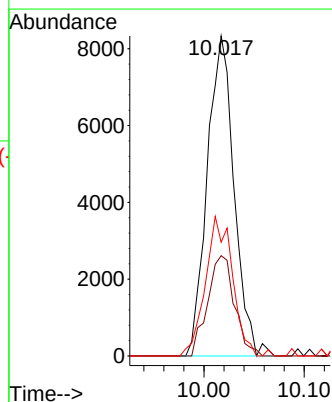
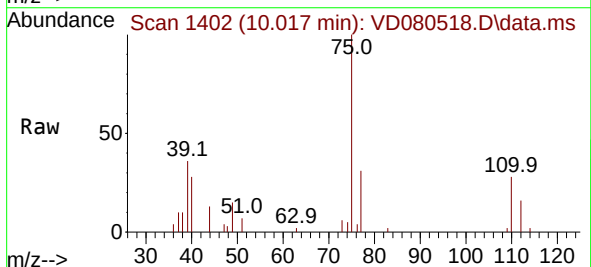
Instrument :
 MSVOA_D
 ClientSampleId :

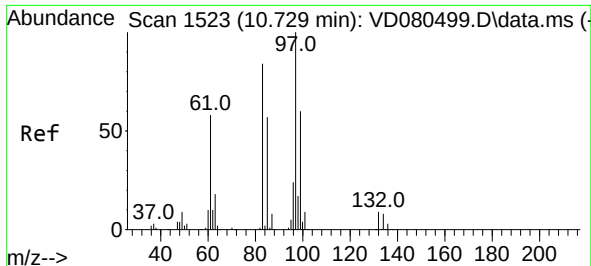
Tgt Ion: 75 Resp: 13479
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 2.274 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. -0.000 min
 Lab File: VD080518.D
 Acq: 05 Sep 2025 11:29

Tgt Ion: 75 Resp: 15545
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.2 36.4
 39 35.5 31.8 47.6

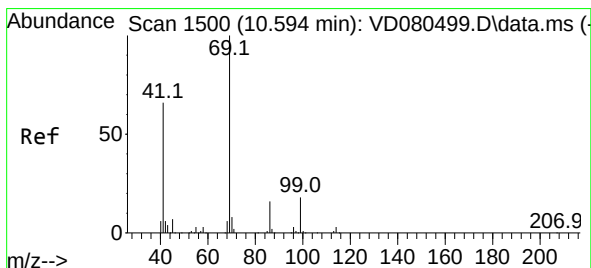
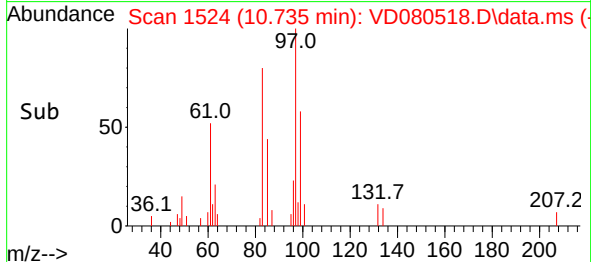
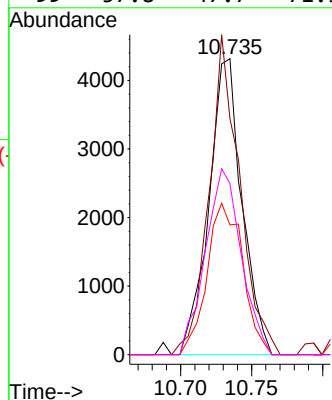
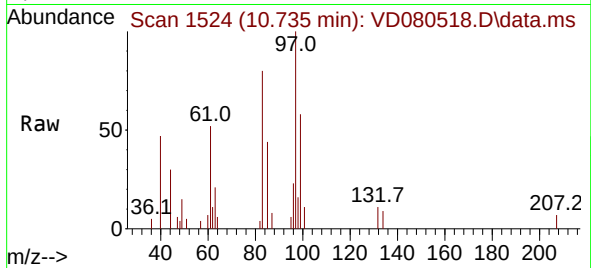




#55
1,1,2-Trichloroethane
Concen: 2.271 ug/l
RT: 10.735 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

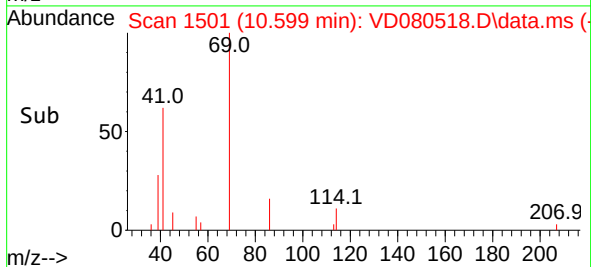
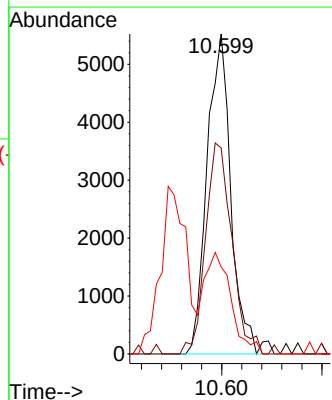
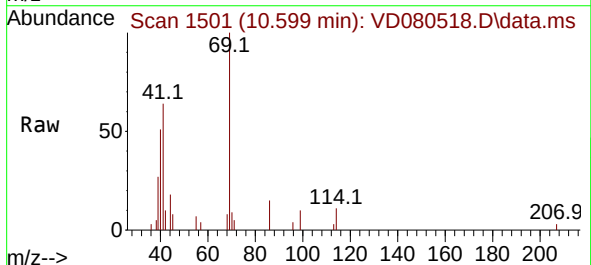
Instrument :
MSVOA_D
ClientSampleId :

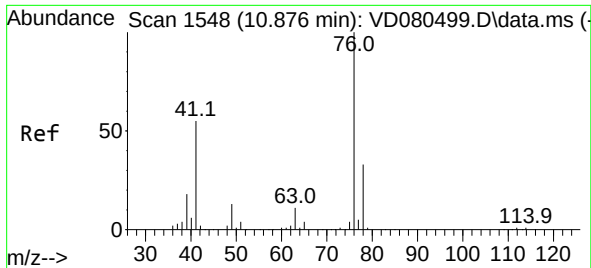
Tgt Ion: 97	Resp: 7005
Ion Ratio	Lower Upper
97 100	
83 79.7	67.0 100.6
85 43.8	45.6 68.4#
99 57.8	47.7 71.5



#56
Ethyl methacrylate
Concen: 2.139 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 69	Resp: 9192
Ion Ratio	Lower Upper
69 100	
41 72.4	51.9 77.9
39 34.9	23.6 35.4

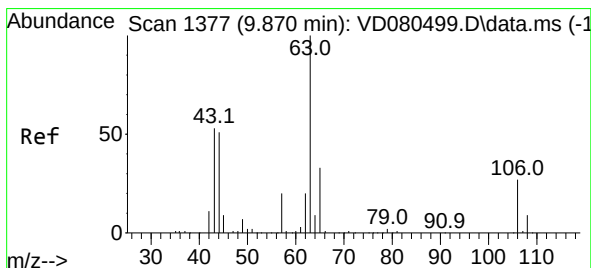
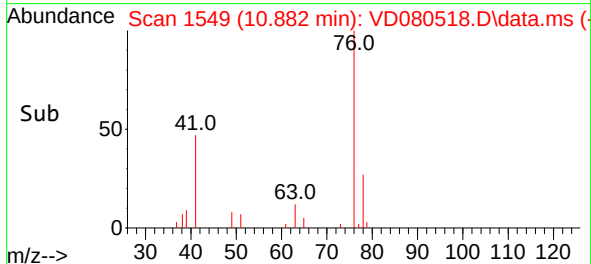
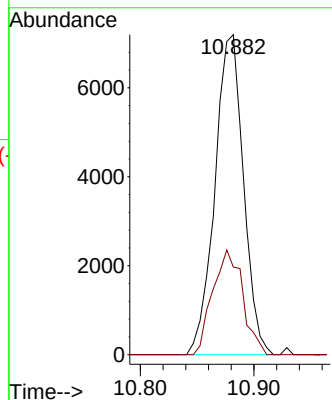
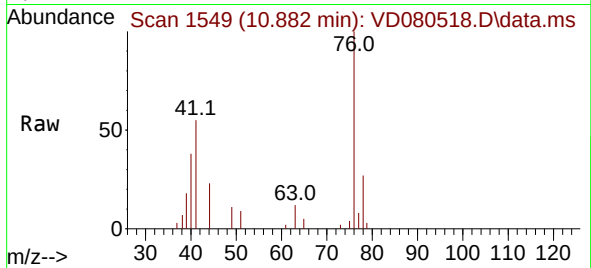




#57
1,3-Dichloropropane
Concen: 2.324 ug/l
RT: 10.882 min Scan# 1549
Delta R.T. 0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

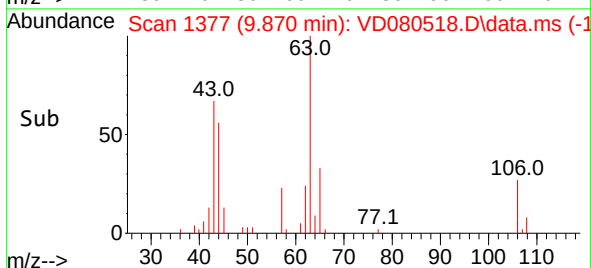
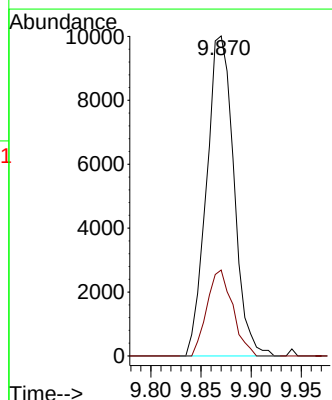
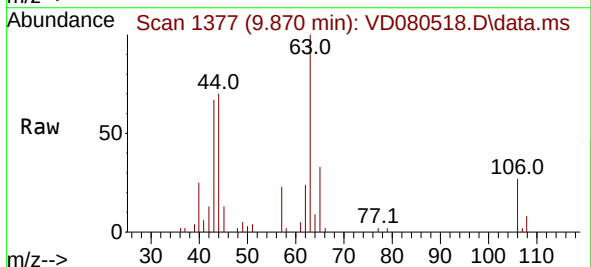
Instrument :
MSVOA_D
ClientSampleId :

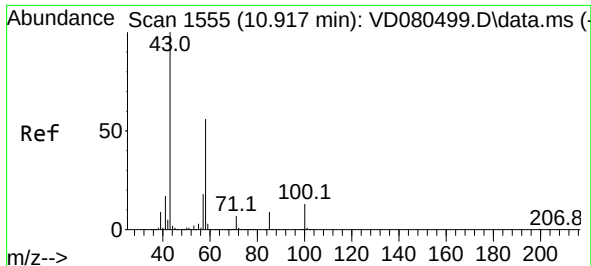
Tgt Ion: 76 Resp: 12582
Ion Ratio Lower Upper
76 100
78 34.3 26.9 40.3



#58
2-Chloroethyl Vinyl ether
Concen: 11.421 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

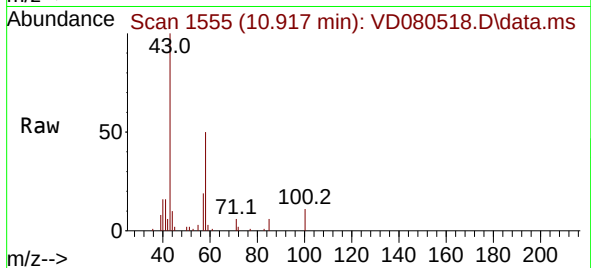
Tgt Ion: 63 Resp: 18994
Ion Ratio Lower Upper
63 100
106 25.3 22.1 33.1



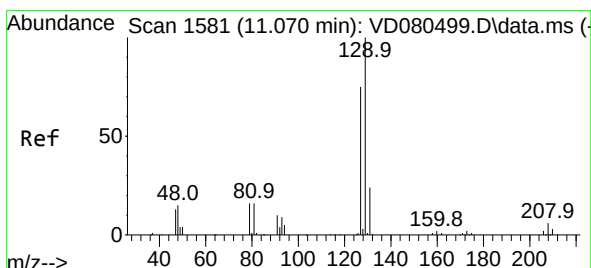
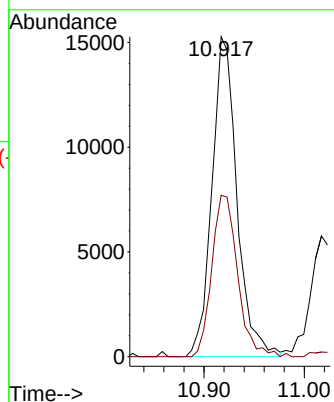
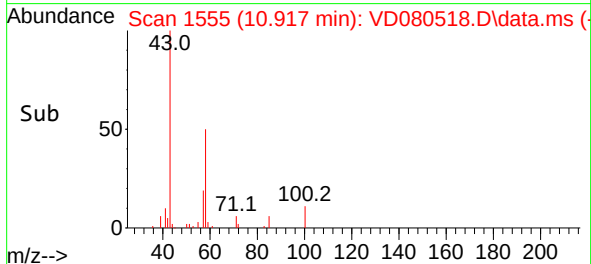


#59
2-Hexanone
Concen: 14.018 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :

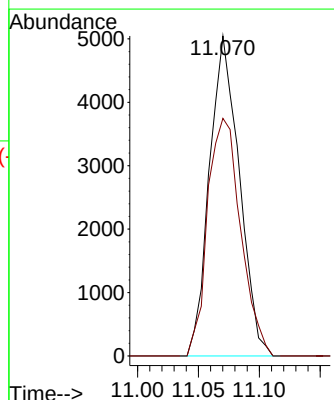
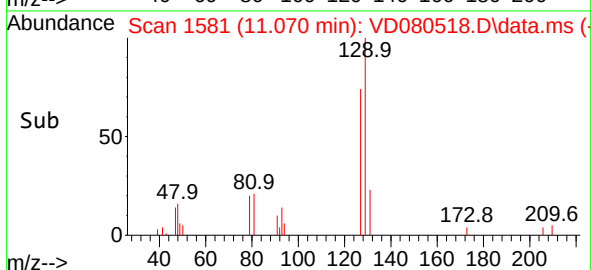
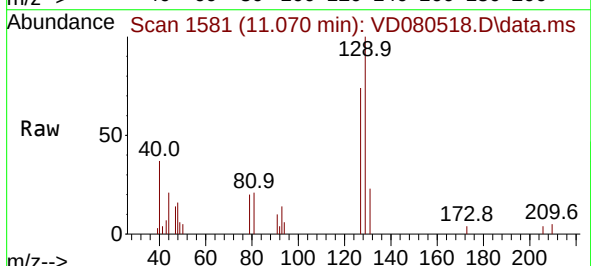


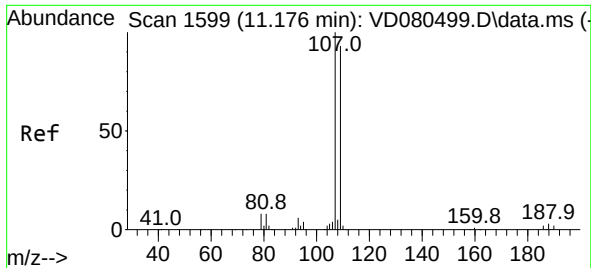
Tgt Ion: 43 Resp: 26441
Ion Ratio Lower Upper
43 100
58 52.2 28.3 85.0



#60
Dibromochloromethane
Concen: 2.208 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 129 Resp: 8584
Ion Ratio Lower Upper
129 100
127 82.3 38.6 115.7

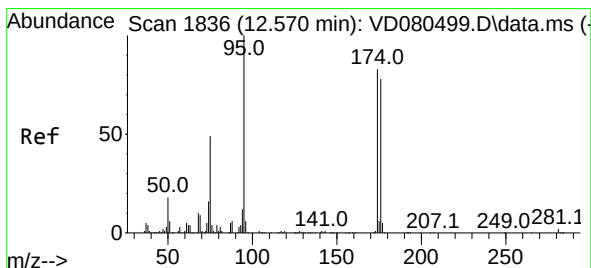
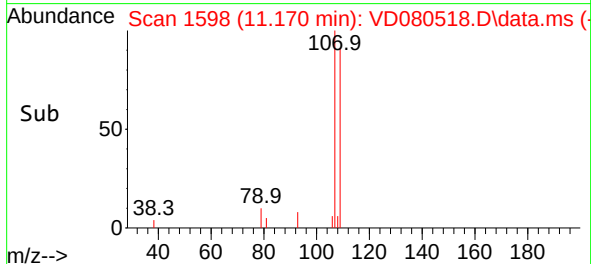
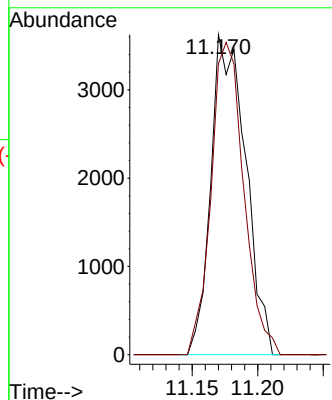
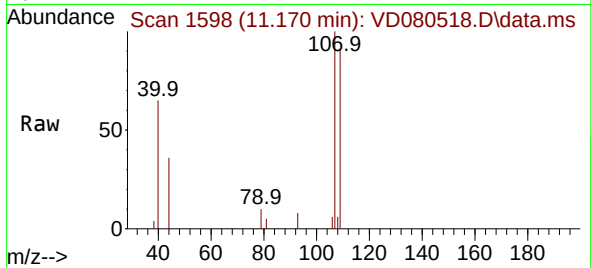




#61
1,2-Dibromoethane
Concen: 2.271 ug/l
RT: 11.170 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

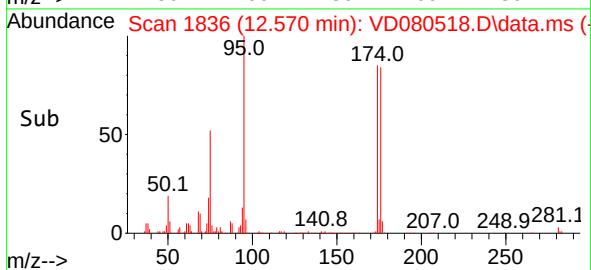
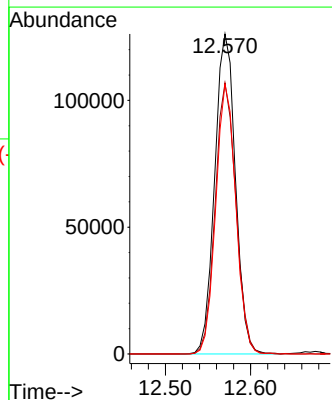
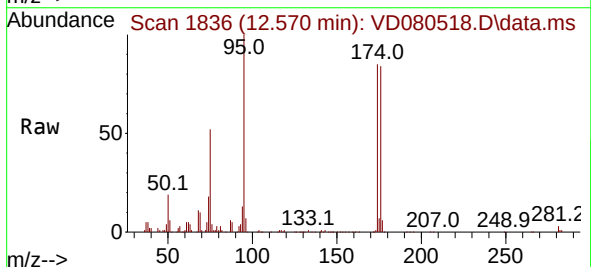
Instrument :
MSVOA_D
ClientSampleId :

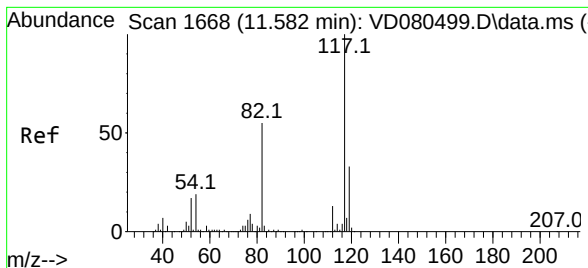
Tgt Ion:107 Resp: 6666
Ion Ratio Lower Upper
107 100
109 92.0 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 40.447 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 95 Resp: 213634
Ion Ratio Lower Upper
95 100
174 84.6 0.0 162.6
176 81.5 0.0 156.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.582 min Scan# 1

Delta R.T. -0.000 min

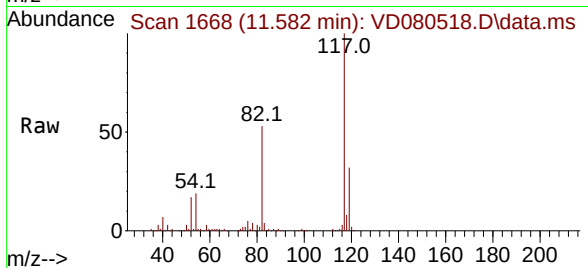
Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

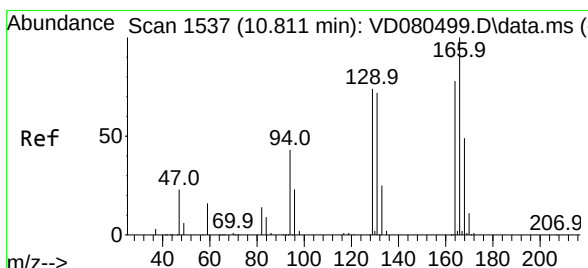
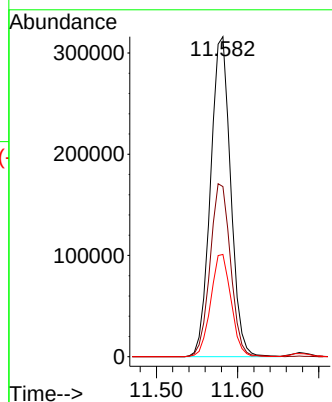
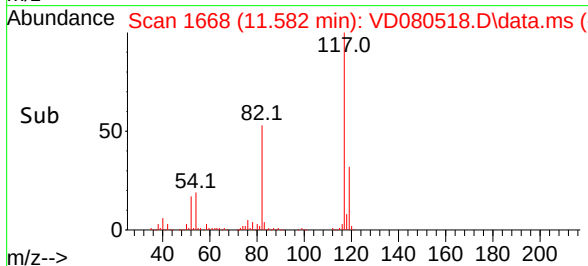
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	117	Resp:	544004
Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.8	65.6
119	31.9	26.1	39.1



#64

Tetrachloroethene

Concen: 2.484 ug/l

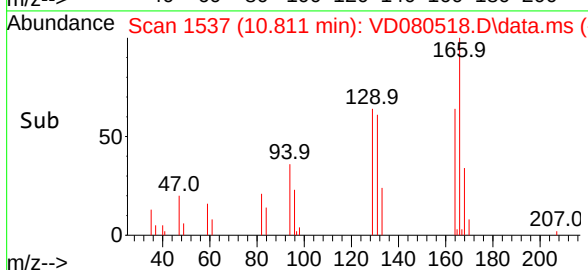
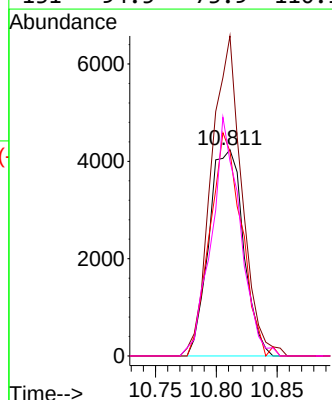
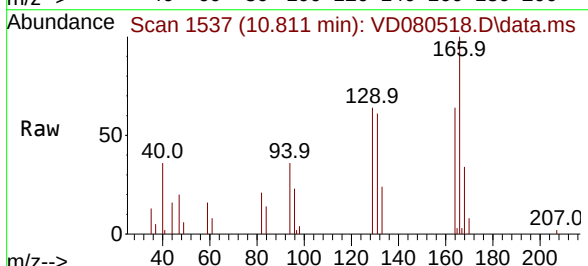
RT: 10.811 min Scan# 1537

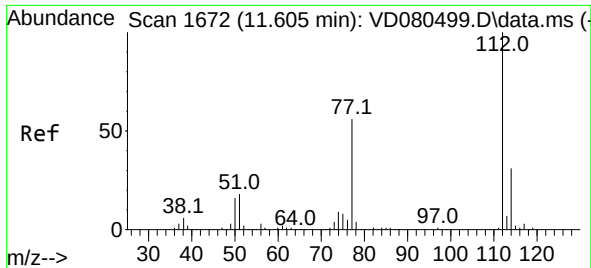
Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

Tgt Ion:	164	Resp:	8345
Ion	Ratio	Lower	Upper
164	100		
166	155.2	103.1	154.7#
129	99.3	76.2	114.2
131	94.5	73.9	110.9

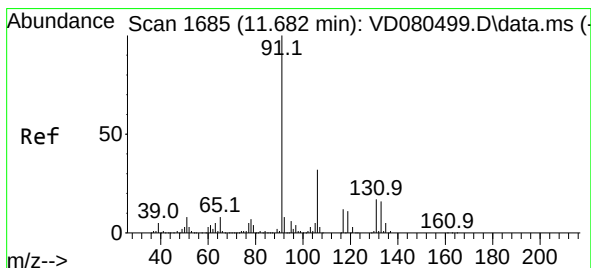
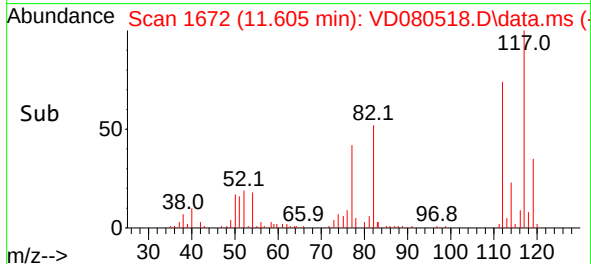
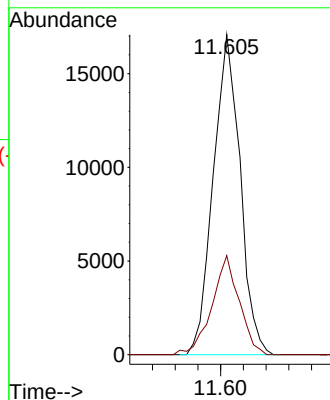
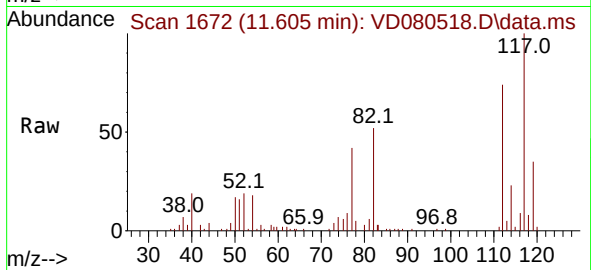




#65
Chlorobenzene
Concen: 2.417 ug/l
RT: 11.605 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

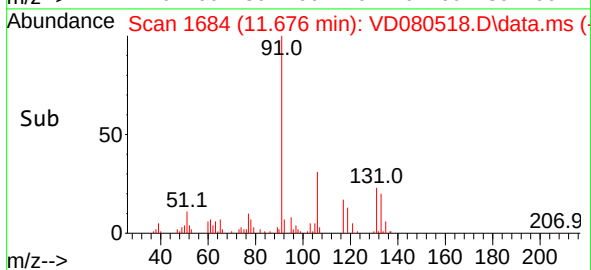
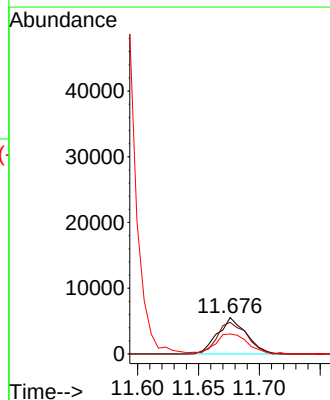
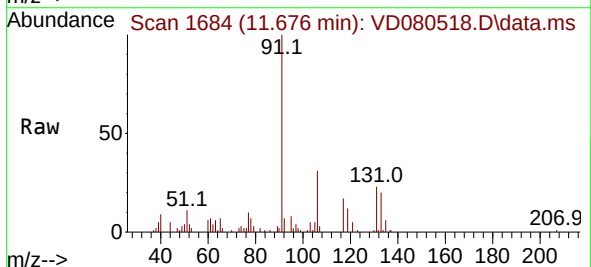
Instrument :
MSVOA_D
ClientSampleId :

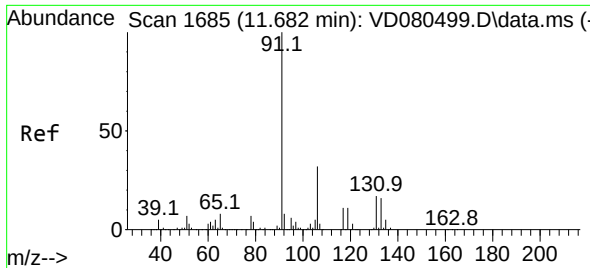
Tgt Ion:112 Resp: 28022
Ion Ratio Lower Upper
112 100
114 30.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 2.445 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion:131 Resp: 9042
Ion Ratio Lower Upper
131 100
133 91.5 47.8 143.3
119 63.5 34.6 103.9

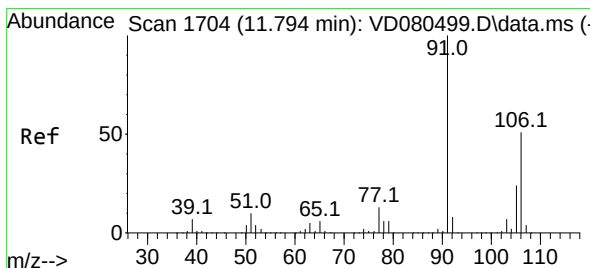
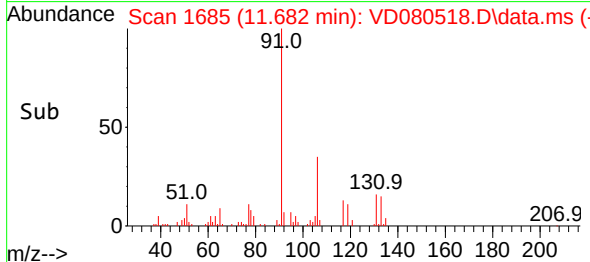
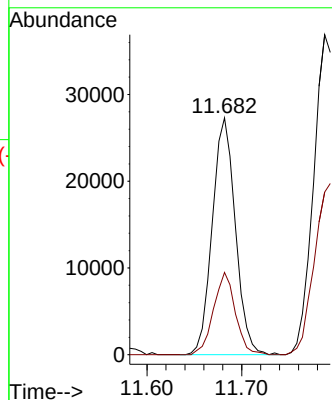
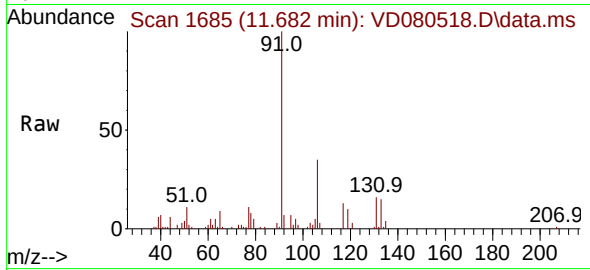




#67
Ethyl Benzene
Concen: 2.307 ug/l
RT: 11.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

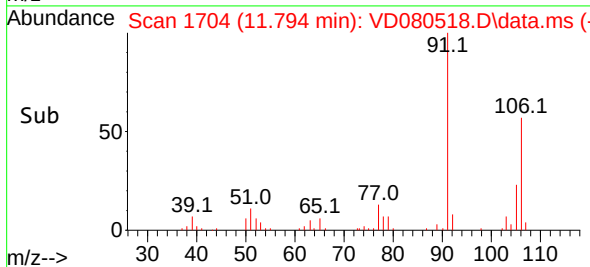
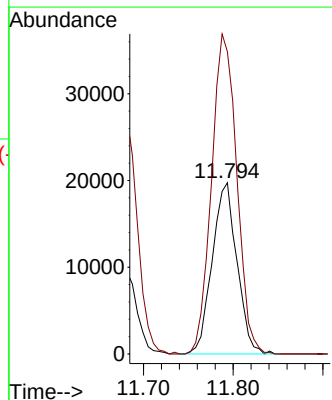
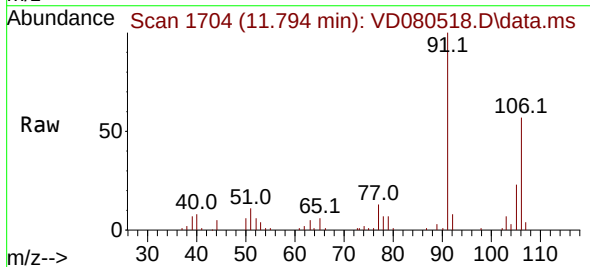
Instrument :
MSVOA_D
ClientSampleId :

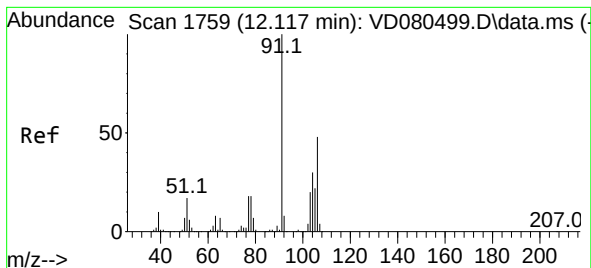
Tgt Ion: 91 Resp: 46285
Ion Ratio Lower Upper
91 100
106 34.7 25.4 38.0



#68
m/p-Xylenes
Concen: 4.888 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 106 Resp: 37764
Ion Ratio Lower Upper
106 100
91 190.6 158.5 237.7





#69

o-Xylene

Concen: 2.246 ug/l

RT: 12.117 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

Instrument :

MSVOA_D

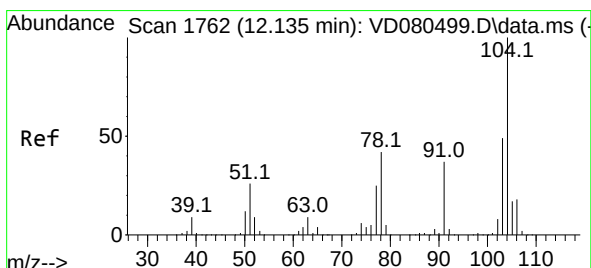
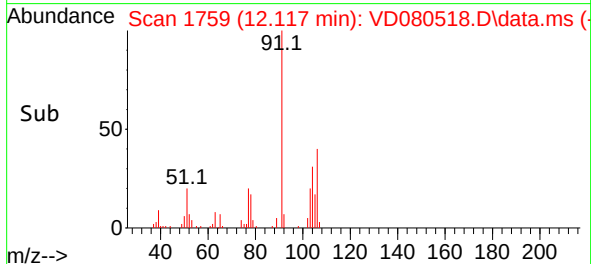
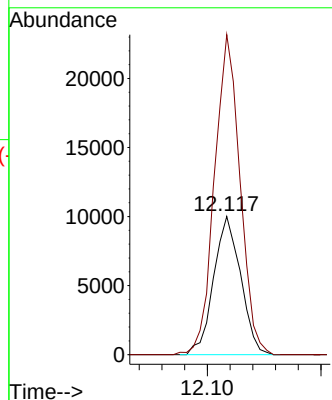
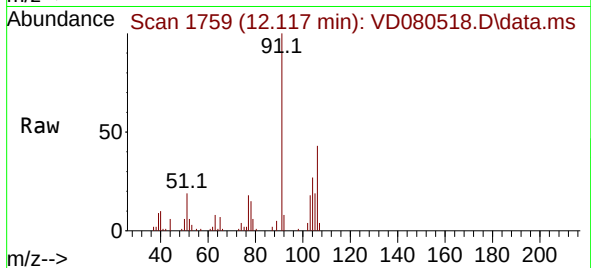
ClientSampleId :

Tgt Ion:106 Resp: 16561

Ion Ratio Lower Upper

106 100

91 218.6 105.3 315.8



#70

Styrene

Concen: 2.340 ug/l

RT: 12.135 min Scan# 1762

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

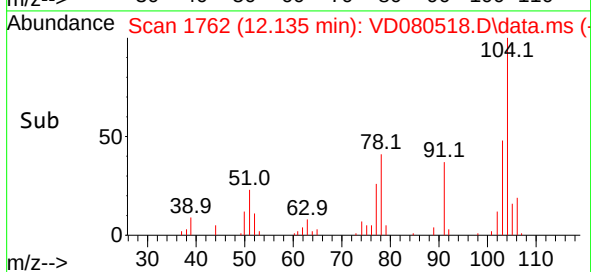
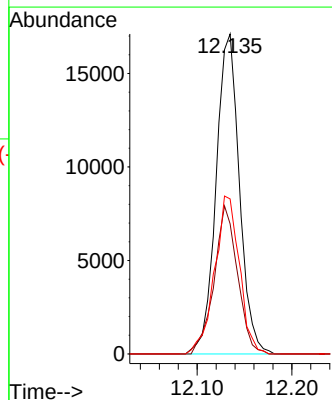
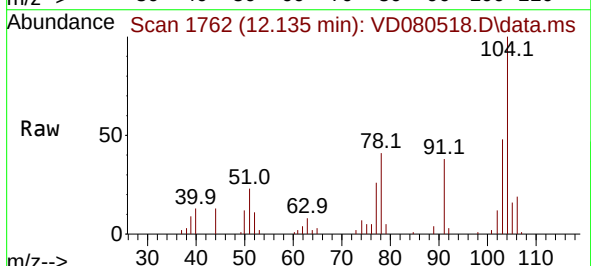
Tgt Ion:104 Resp: 29352

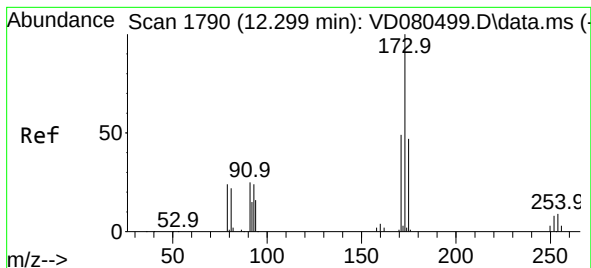
Ion Ratio Lower Upper

104 100

78 46.3 37.9 56.9

103 52.3 43.5 65.3





#71

Bromoform

Concen: 2.630 ug/l

RT: 12.294 min Scan# 1790

Delta R.T. -0.006 min

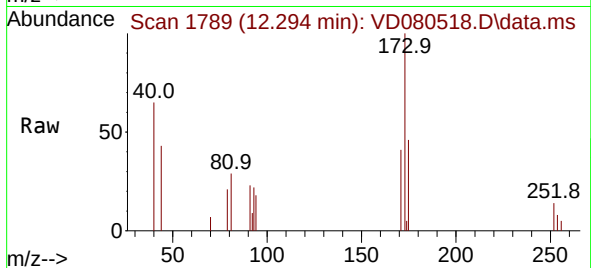
Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :



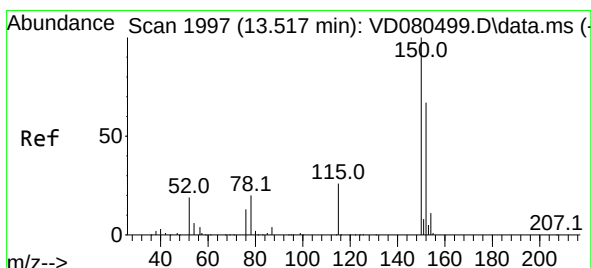
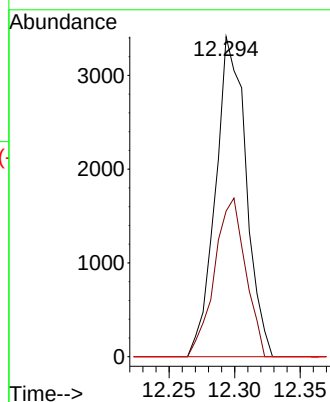
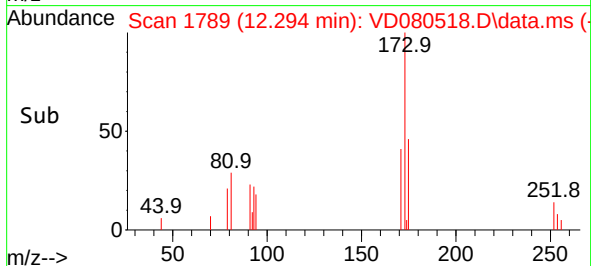
Tgt Ion:173 Resp: 5527

Ion Ratio Lower Upper

173 100

175 50.4 23.9 71.7

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

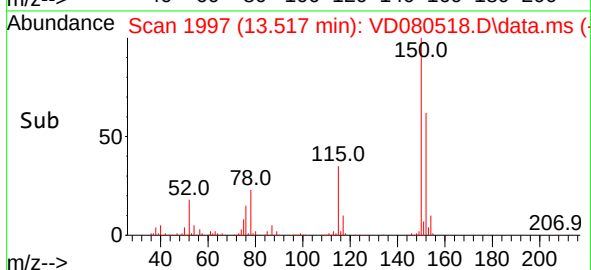
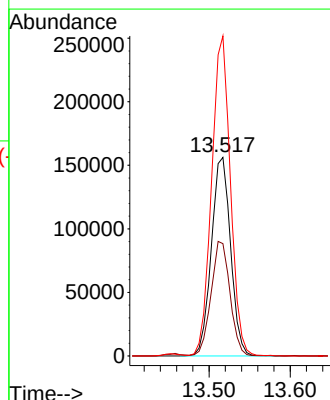
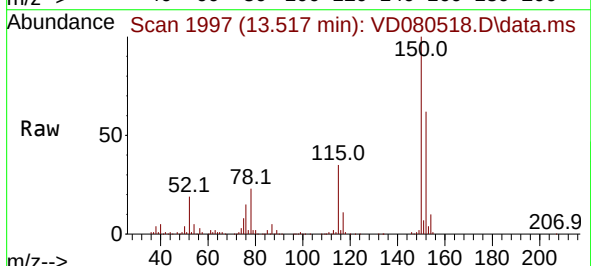
Tgt Ion:152 Resp: 257057

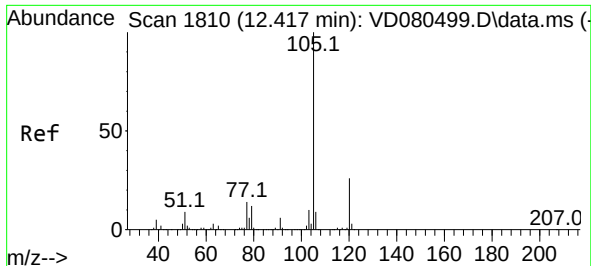
Ion Ratio Lower Upper

152 100

115 57.0 29.0 87.0

150 157.3 0.0 345.0

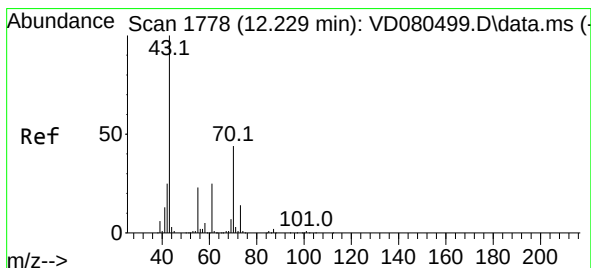
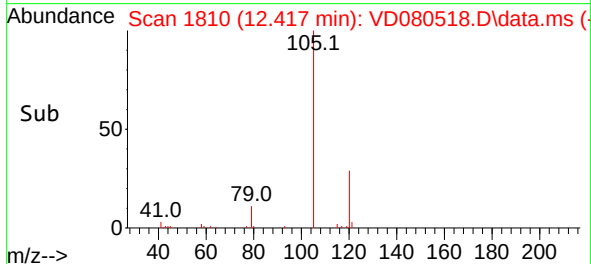
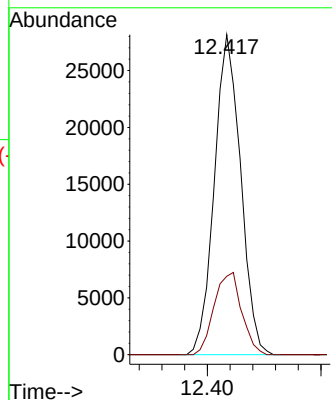
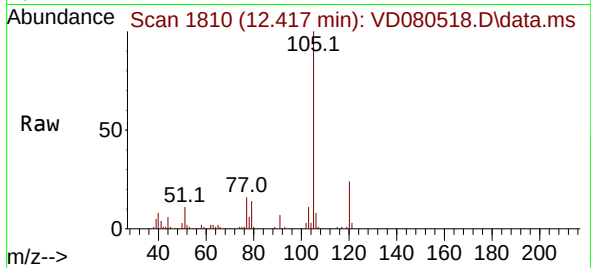




#73
Isopropylbenzene
Concen: 2.400 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

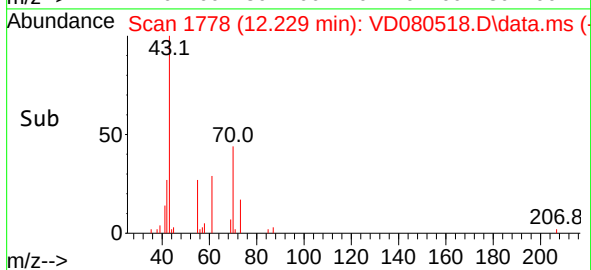
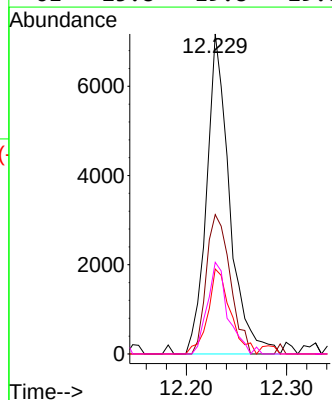
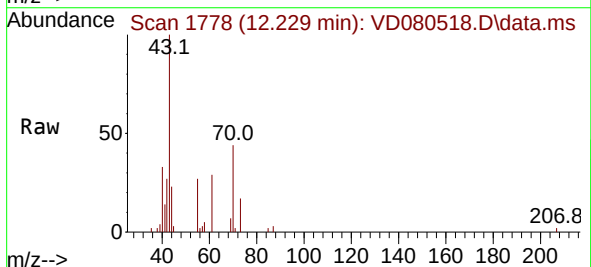
Instrument :
MSVOA_D
ClientSampleId :

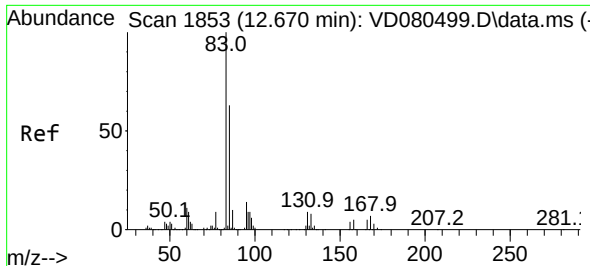
Tgt Ion:105 Resp: 45208
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#74
N-ethyl acetate
Concen: 2.283 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 43 Resp: 11412
Ion Ratio Lower Upper
43 100
70 45.2 35.4 53.0
55 25.8 18.6 28.0
61 25.8 19.8 29.8

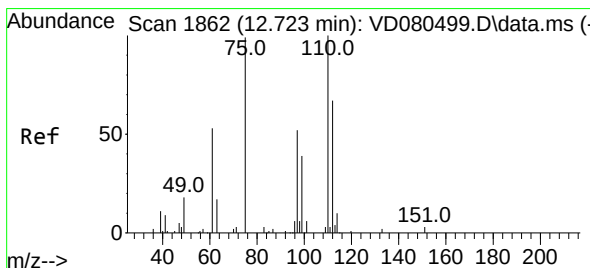
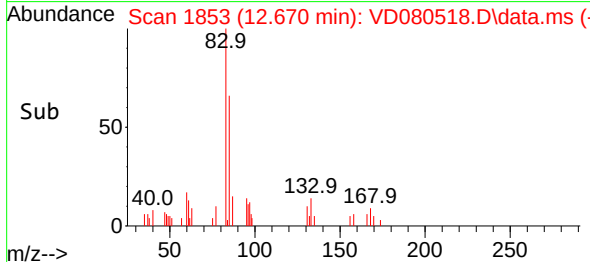
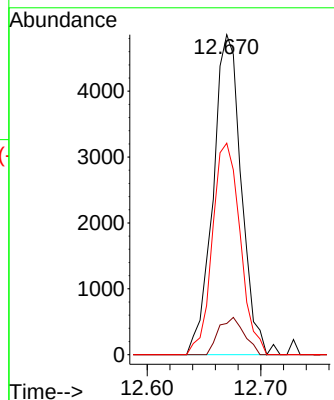
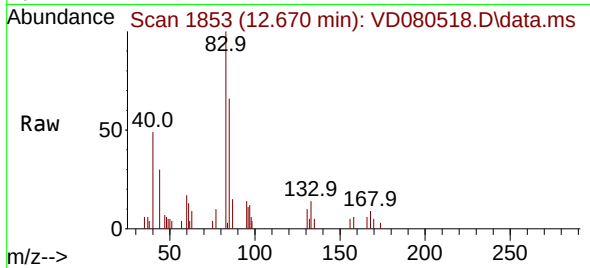




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.399 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080518.D
 Acq: 05 Sep 2025 11:29

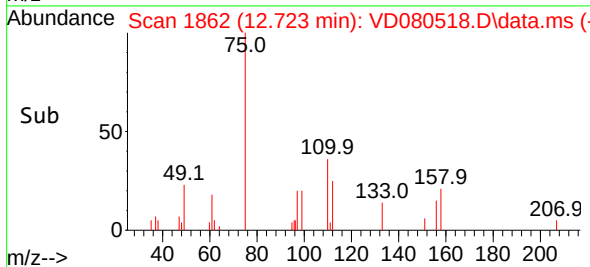
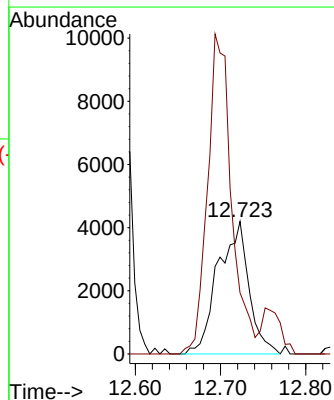
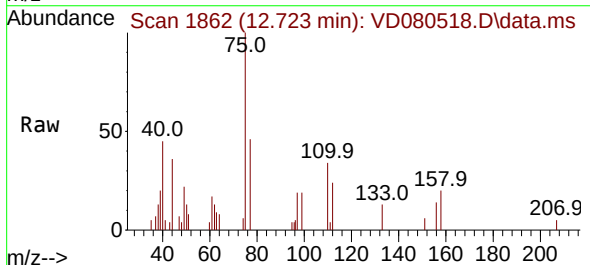
Instrument :
 MSVOA_D
 ClientSampleId :

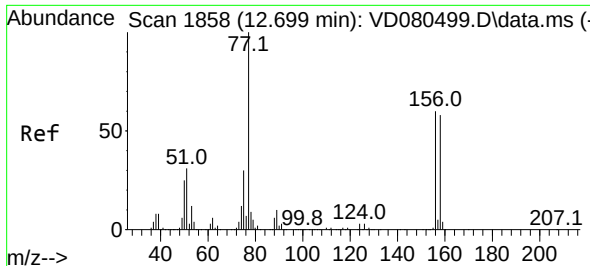
Tgt Ion: 83	Resp: 8399
Ion Ratio	Lower Upper
83 100	
131 10.5	5.0 15.0
85 65.1	31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 5.040 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VD080518.D
 Acq: 05 Sep 2025 11:29

Tgt Ion: 75	Resp: 10574
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0

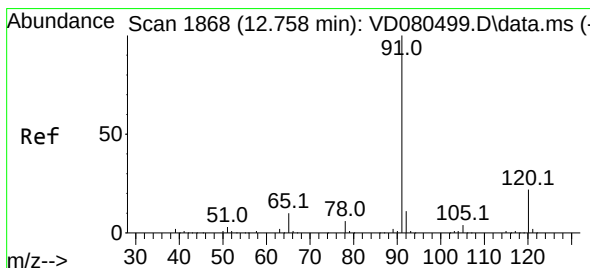
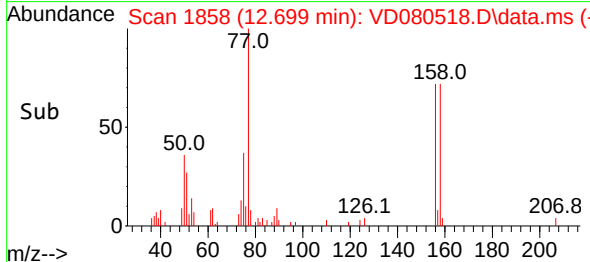
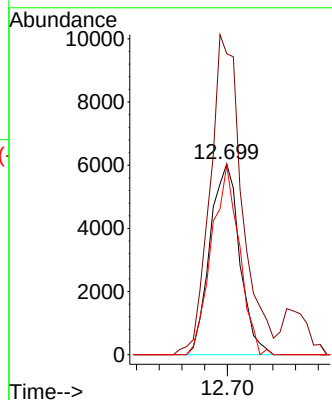
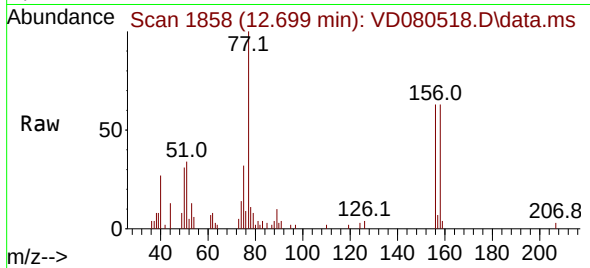




#77
Bromobenzene
Concen: 2.507 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

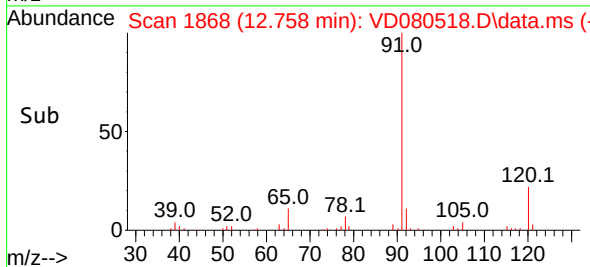
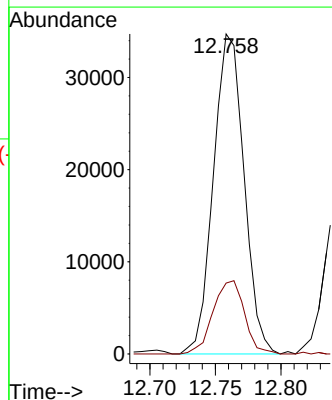
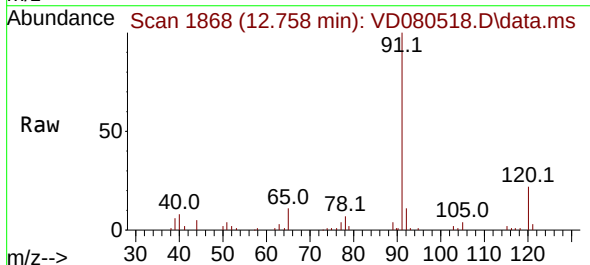
Instrument :
MSVOA_D
ClientSampleId :

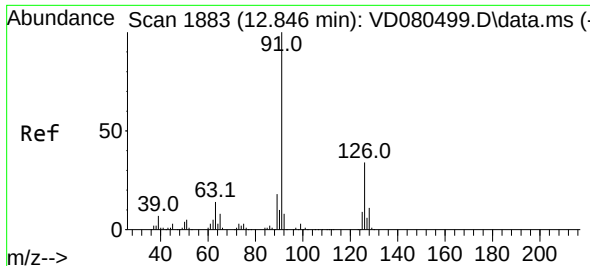
Tgt Ion	Ratio	Lower	Upper
156	100		
77	181.3	92.5	277.3
158	93.6	47.9	143.6



#78
n-propylbenzene
Concen: 2.464 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.3	33.9

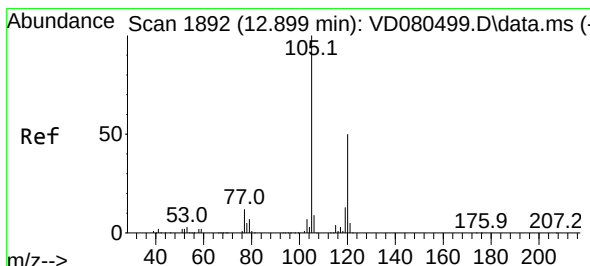
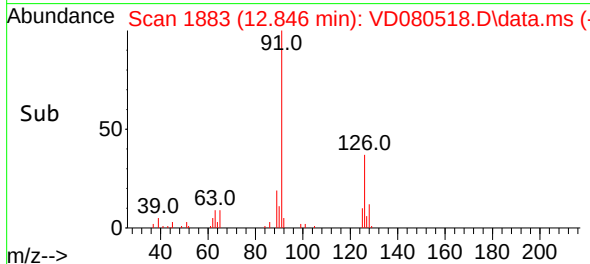
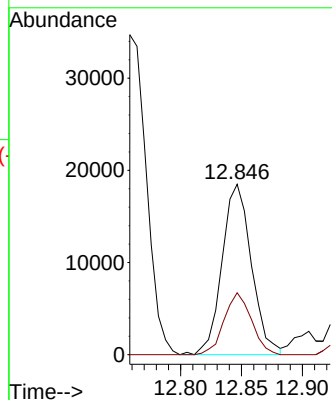
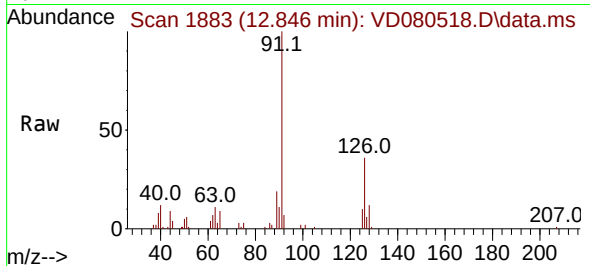




#79
2-Chlorotoluene
Concen: 2.388 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

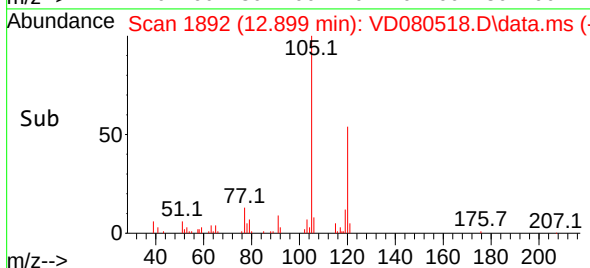
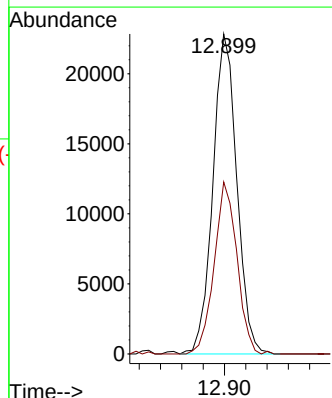
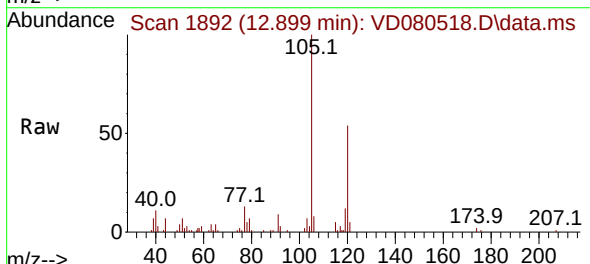
Instrument :
MSVOA_D
ClientSampleId :

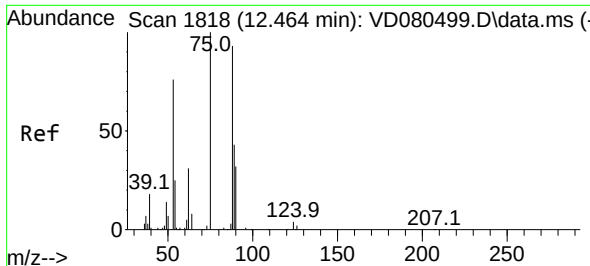
Tgt Ion: 91 Resp: 31117
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 2.330 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 105 Resp: 35653
Ion Ratio Lower Upper
105 100
120 51.2 24.7 74.1

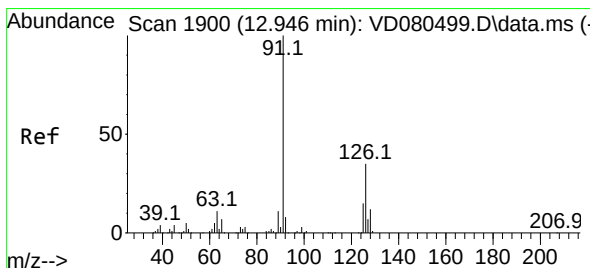
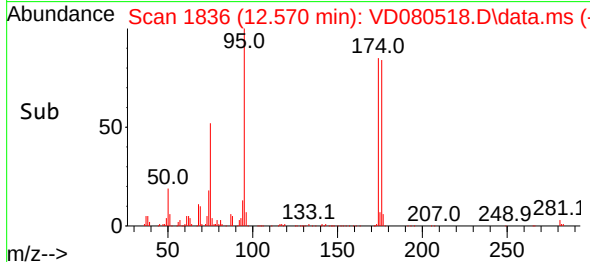
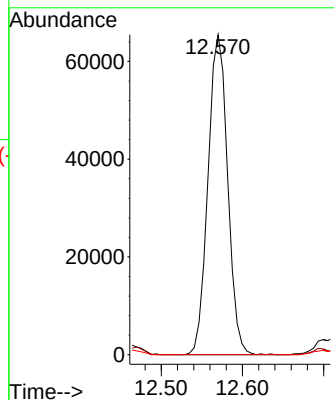
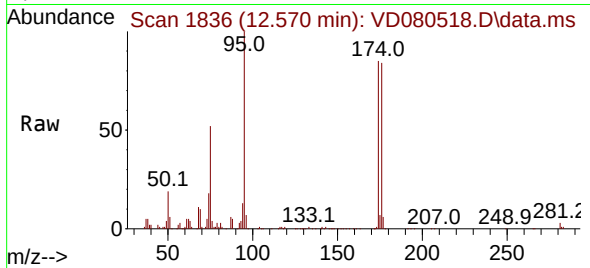




#81
trans-1,4-Dichloro-2-butene
Concen: 79.486 ug/l
RT: 12.570 min Scan# 1818
Delta R.T. 0.106 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

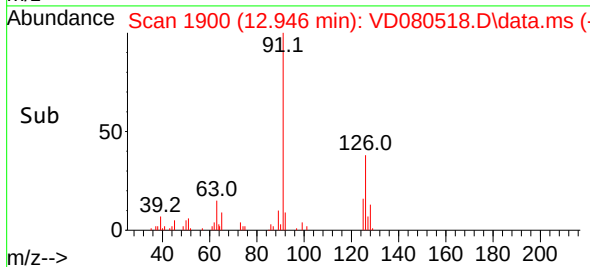
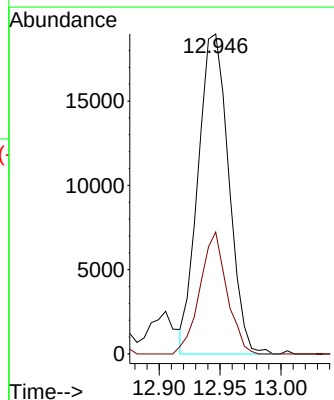
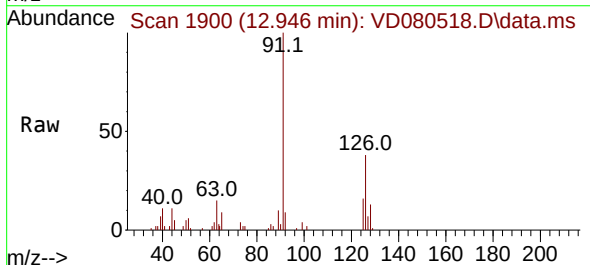
Instrument :
MSVOA_D
ClientSampleId :

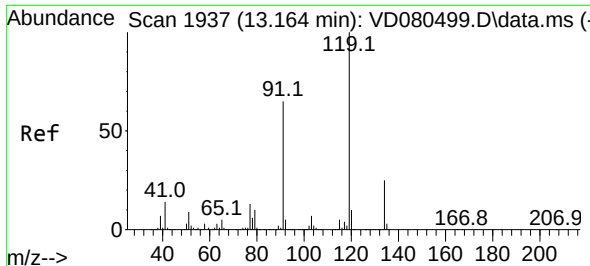
Tgt Ion: 75 Resp: 109871
Ion Ratio Lower Upper
75 100
53 0.0 61.9 92.9#
89 0.0 34.6 52.0#



#82
4-Chlorotoluene
Concen: 2.480 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion: 91 Resp: 33243
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.7

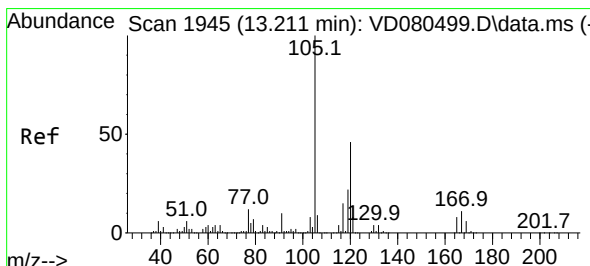
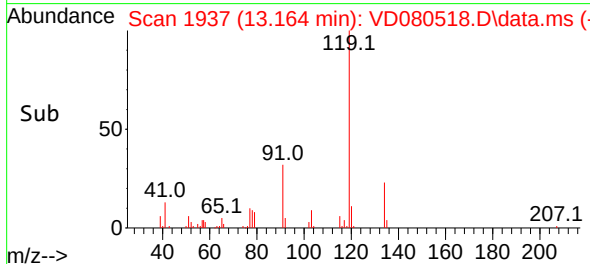
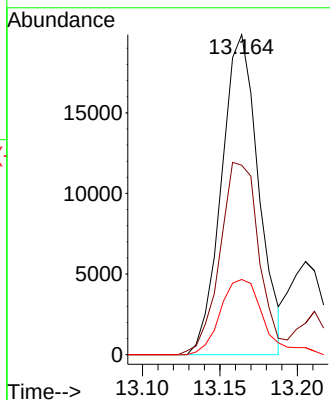
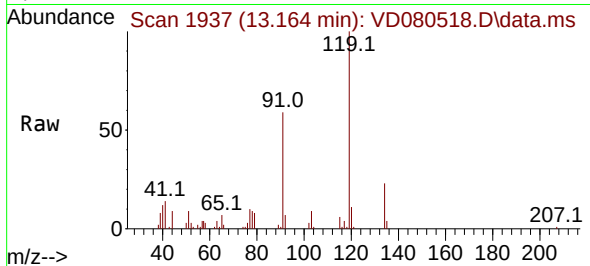




#83
 tert-Butylbenzene
 Concen: 2.487 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. -0.000 min
 Lab File: VD080518.D
 Acq: 05 Sep 2025 11:29

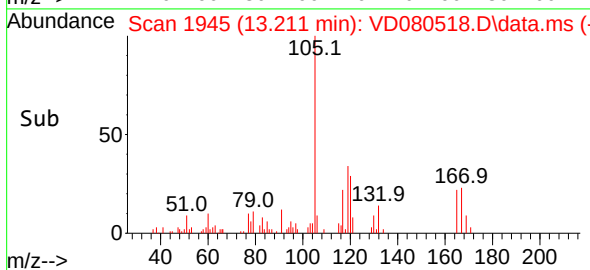
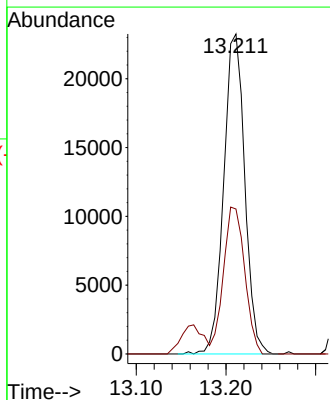
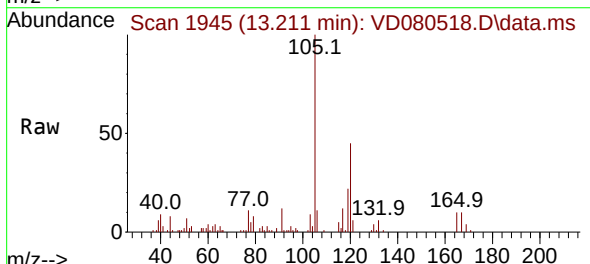
Instrument :
 MSVOA_D
 ClientSampleId :

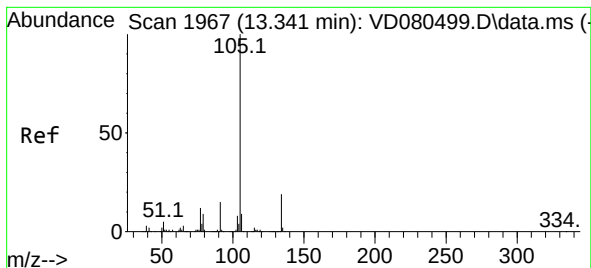
Tgt Ion:119 Resp: 33028
 Ion Ratio Lower Upper
 119 100
 91 63.7 32.0 96.0
 134 27.5 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 2.458 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VD080518.D
 Acq: 05 Sep 2025 11:29

Tgt Ion:105 Resp: 37875
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.5 67.5





#85

sec-Butylbenzene

Concen: 2.470 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

Instrument :

MSVOA_D

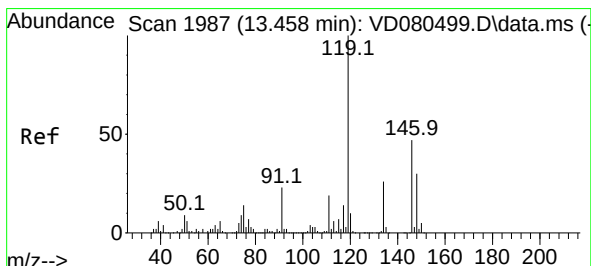
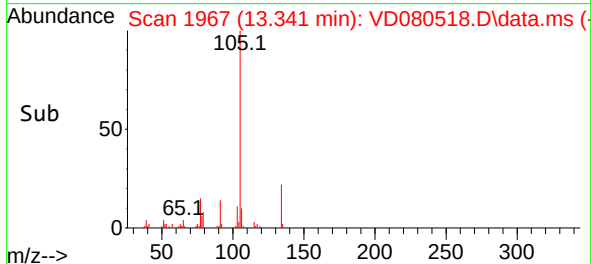
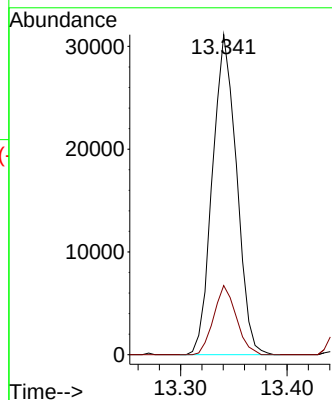
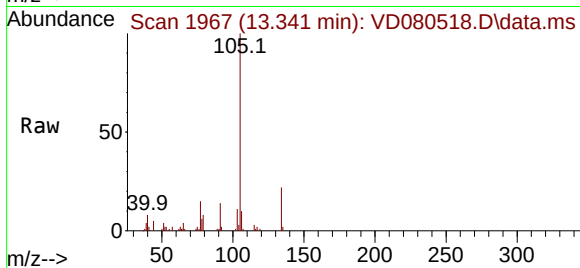
ClientSampleId :

Tgt Ion:105 Resp: 48951

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.4



#86

p-Isopropyltoluene

Concen: 2.477 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

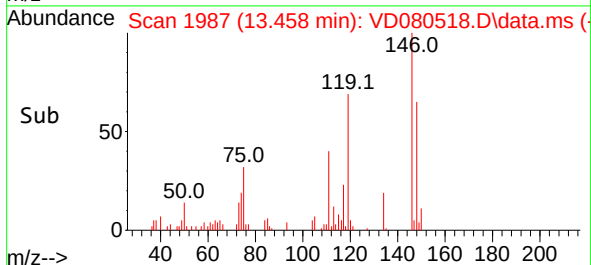
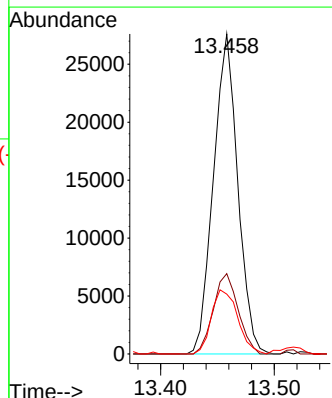
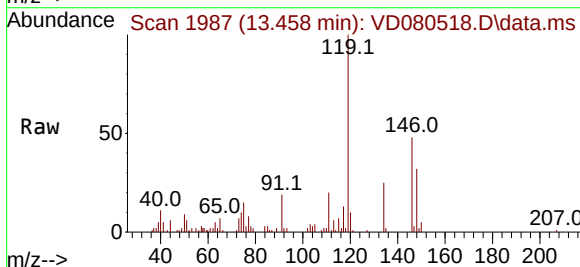
Tgt Ion:119 Resp: 41070

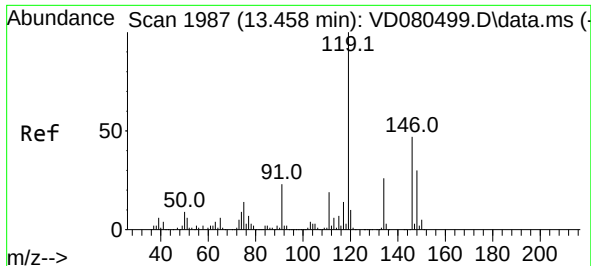
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 21.7 11.2 33.5

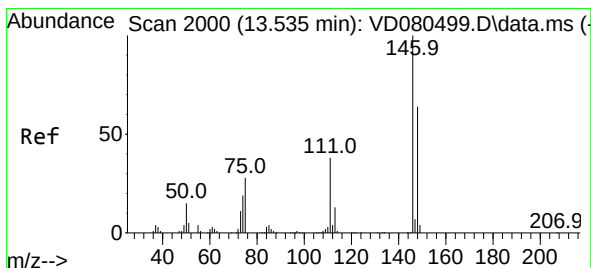
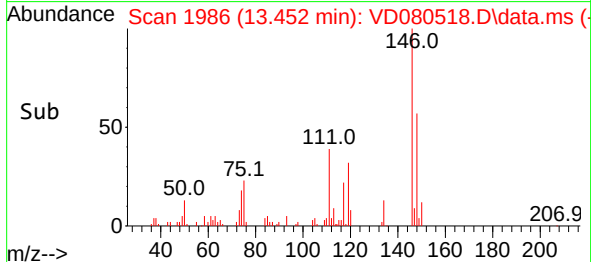
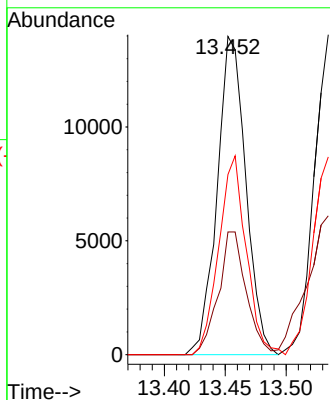
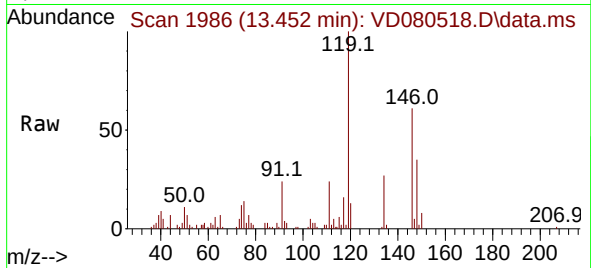




#87
1,3-Dichlorobenzene
Concen: 2.729 ug/l
RT: 13.452 min Scan# 1987
Delta R.T. -0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

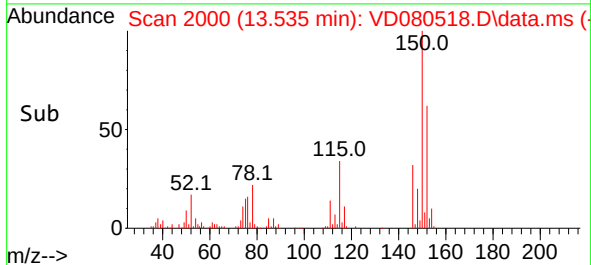
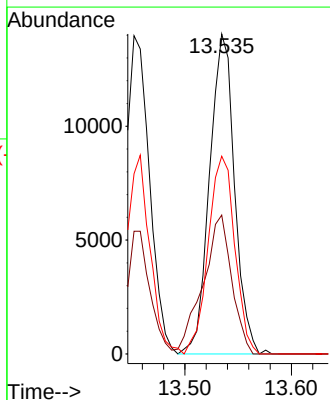
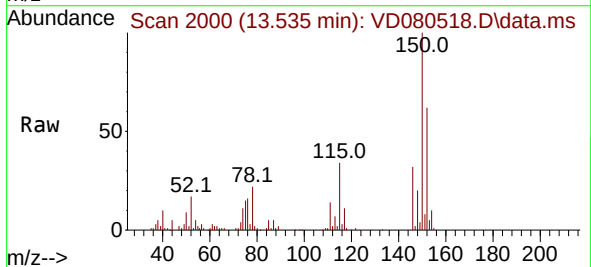
Instrument :
MSVOA_D
ClientSampleId :

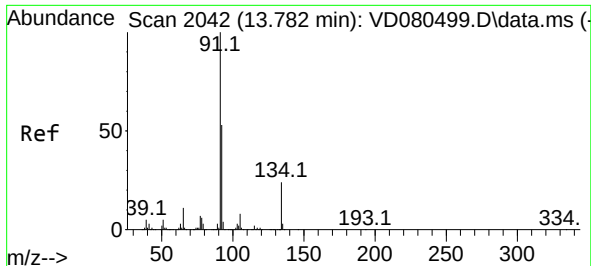
Tgt Ion:146 Resp: 22926
Ion Ratio Lower Upper
146 100
111 37.4 19.9 59.6
148 59.8 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 2.708 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion:146 Resp: 22846
Ion Ratio Lower Upper
146 100
111 50.2 19.4 58.1
148 65.8 32.1 96.5





#89

n-Butylbenzene

Concen: 2.594 ug/l

RT: 13.782 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

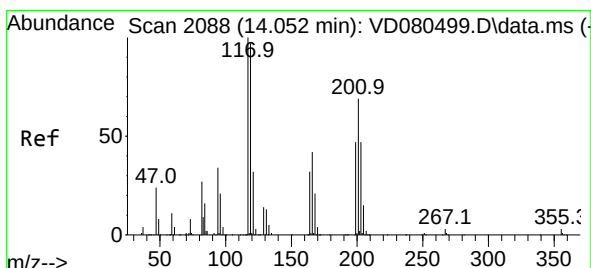
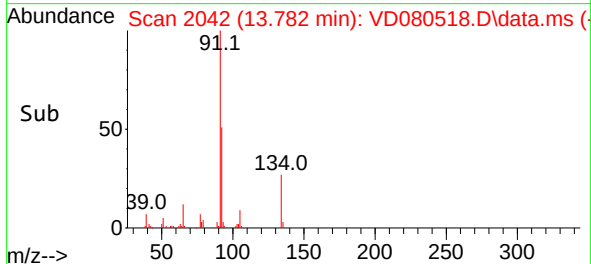
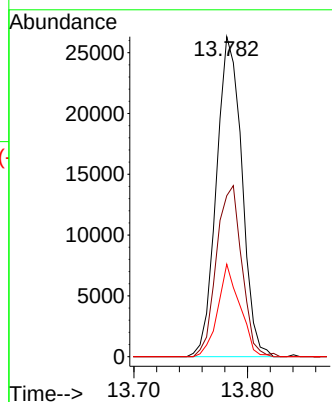
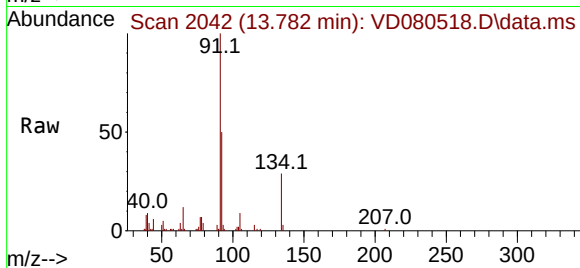
Tgt Ion: 91 Resp: 40963

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.8

134 25.2 12.4 37.2



#90

Hexachloroethane

Concen: 2.488 ug/l

RT: 14.046 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VD080518.D

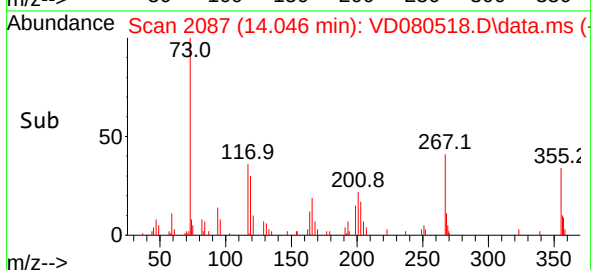
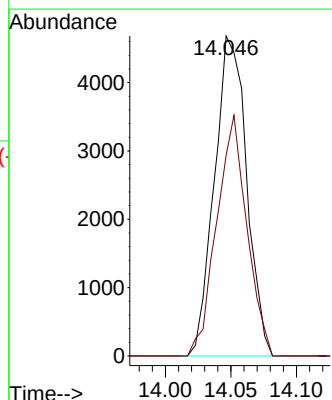
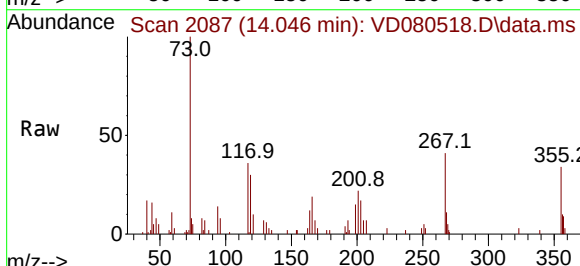
Acq: 05 Sep 2025 11:29

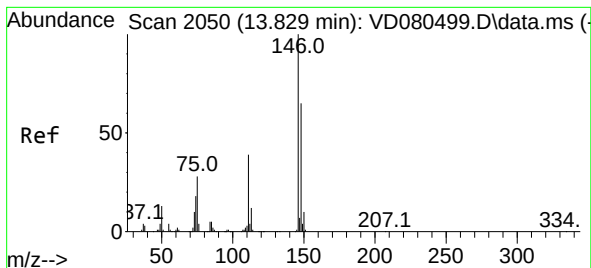
Tgt Ion: 117 Resp: 7977

Ion Ratio Lower Upper

117 100

201 70.8 34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 2.574 ug/l

RT: 13.829 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

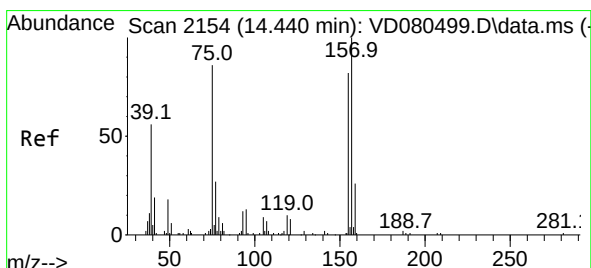
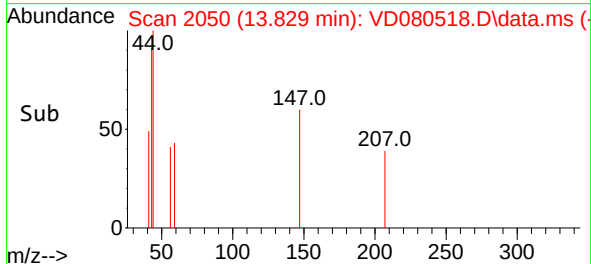
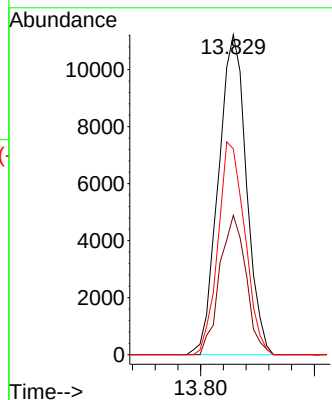
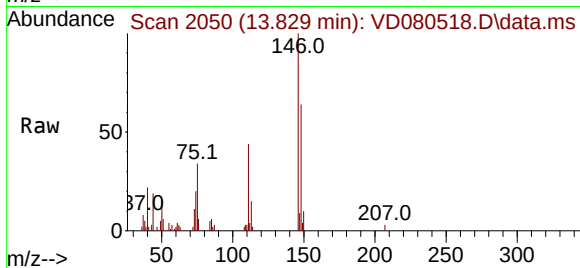
Tgt Ion:146 Resp: 19243

Ion Ratio Lower Upper

146 100

111 40.8 20.7 62.1

148 63.6 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.169 ug/l

RT: 14.440 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

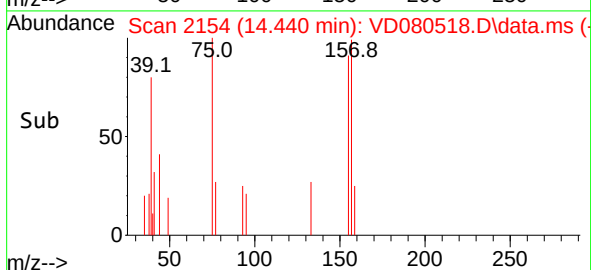
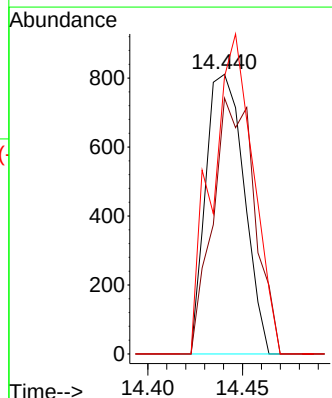
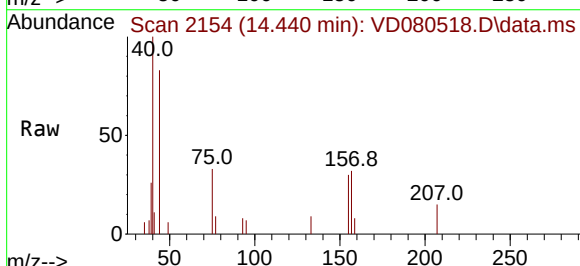
Tgt Ion: 75 Resp: 1140

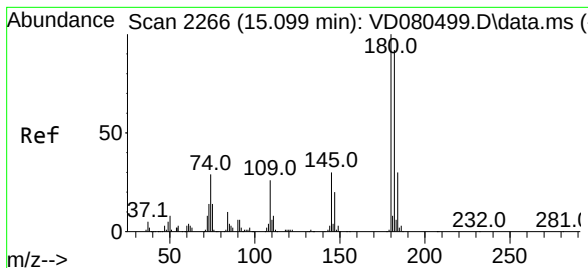
Ion Ratio Lower Upper

75 100

155 100.0 47.5 142.6

157 123.1 56.8 170.3





#93

1,2,4-Trichlorobenzene

Concen: 2.892 ug/l

RT: 15.099 min Scan# 2266

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

Instrument :

MSVOA_D

ClientSampleId :

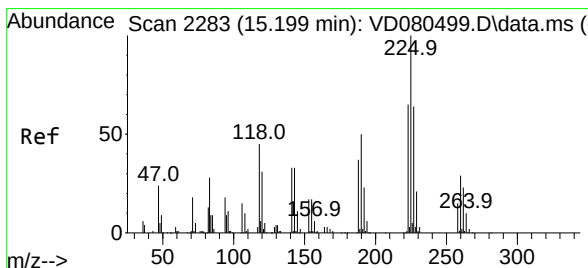
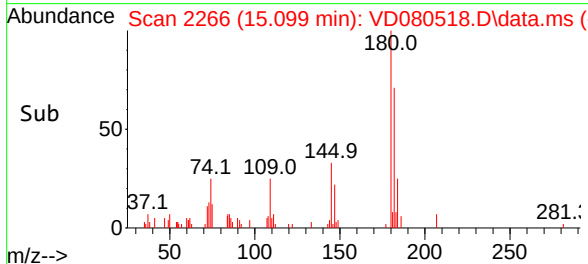
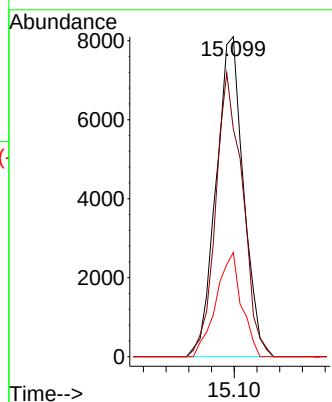
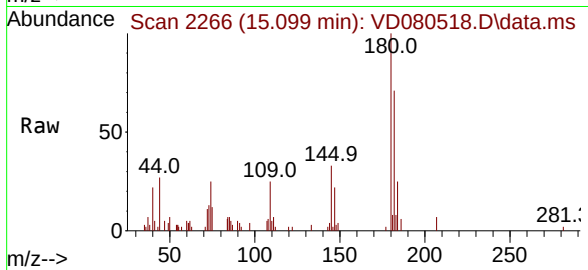
Tgt Ion:180 Resp: 13545

Ion Ratio Lower Upper

180 100

182 86.8 47.5 142.5

145 30.3 15.7 47.0



#94

Hexachlorobutadiene

Concen: 2.835 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. -0.000 min

Lab File: VD080518.D

Acq: 05 Sep 2025 11:29

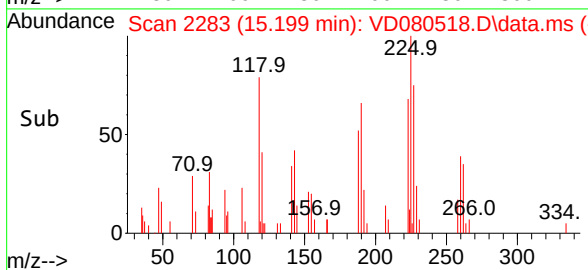
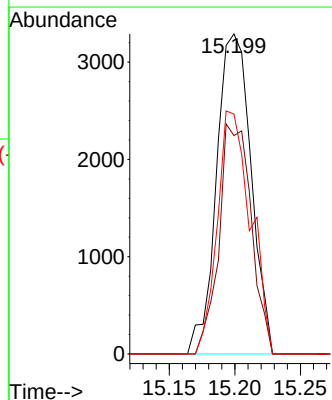
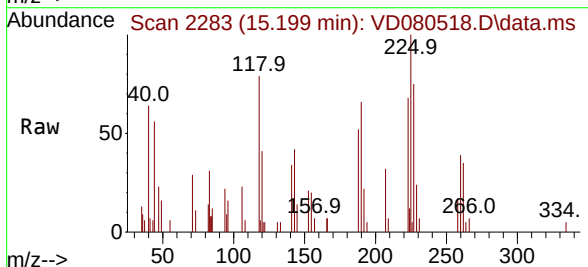
Tgt Ion:225 Resp: 6037

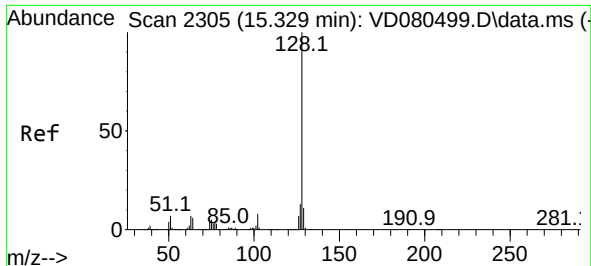
Ion Ratio Lower Upper

225 100

223 66.7 31.9 95.7

227 73.1 32.0 96.2

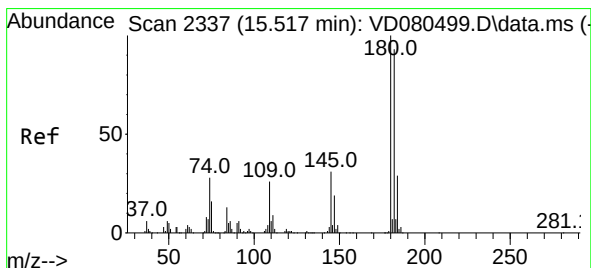
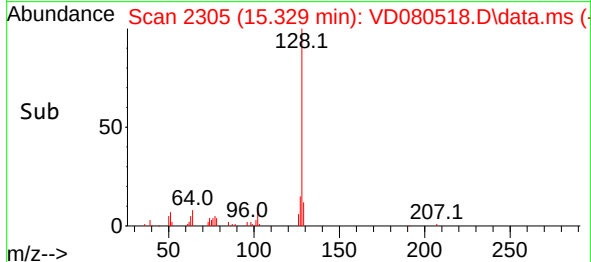
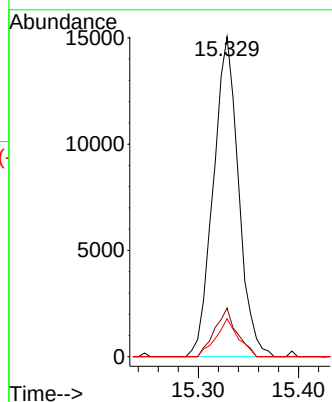
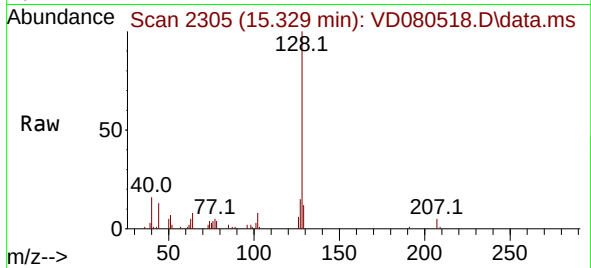




#95
Naphthalene
Concen: 2.637 ug/l
RT: 15.329 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 26274
Ion Ratio Lower Upper
128 100
127 15.2 10.6 16.0
129 11.9 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 2.757 ug/l
RT: 15.523 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD080518.D
Acq: 05 Sep 2025 11:29

Tgt Ion:180 Resp: 11055
Ion Ratio Lower Upper
180 100
182 107.6 47.5 142.5
145 38.3 16.2 48.5

