

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
 Data File : VD080508.D
 Acq On : 04 Sep 2025 11:12
 Operator : RP/MD
 Sample : VD0904SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 05 03:44:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 03:02:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	384047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	688201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	606530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	285114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	204546	47.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.420%
35) Dibromofluoromethane	7.805	113	203939	48.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.760%
50) Toluene-d8	10.270	98	819385	49.477	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.570	95	258602	49.605	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	71378	21.830	ug/l	98
3) Chloromethane	2.147	50	112055	21.710	ug/l	97
4) Vinyl Chloride	2.288	62	114869	21.564	ug/l	98
5) Bromomethane	2.688	94	68185	22.777	ug/l	99
6) Chloroethane	2.835	64	76345	21.957	ug/l	100
7) Trichlorofluoromethane	3.176	101	133055	21.446	ug/l	96
8) Diethyl Ether	3.594	74	49514	20.140	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.970	101	82362	20.459	ug/l	98
10) Methyl Iodide	4.165	142	85752	18.451	ug/l	98
11) Tert butyl alcohol	5.053	59	31316	99.874	ug/l	98
12) 1,1-Dichloroethene	3.947	96	85335	20.348	ug/l	98
13) Acrolein	3.794	56	31172	93.539	ug/l	96
14) Allyl chloride	4.559	41	143628	19.735	ug/l	98
15) Acrylonitrile	5.259	53	109010	99.565	ug/l	97
16) Acetone	4.023	43	98282	96.890	ug/l	100
17) Carbon Disulfide	4.270	76	284402	20.054	ug/l	98
18) Methyl Acetate	4.564	43	62006	21.721	ug/l	97
19) Methyl tert-butyl Ether	5.317	73	224696	20.416	ug/l	97
20) Methylene Chloride	4.806	84	112630	20.213	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	97436	20.294	ug/l	97
22) Diisopropyl ether	6.217	45	296790	19.813	ug/l	96
23) Vinyl Acetate	6.153	43	839743	98.513	ug/l	99
24) 1,1-Dichloroethane	6.111	63	177665	20.489	ug/l	97
25) 2-Butanone	7.082	43	143782	100.104	ug/l	98
26) 2,2-Dichloropropane	7.076	77	136934	19.945	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	116123	20.266	ug/l	99
28) Bromochloromethane	7.423	49	68739	19.452	ug/l	96
29) Tetrahydrofuran	7.447	42	90671	99.898	ug/l	99
30) Chloroform	7.600	83	172789	20.840	ug/l	99
31) Cyclohexane	7.876	56	161960	19.955	ug/l #	94
32) 1,1,1-Trichloroethane	7.794	97	141685	20.523	ug/l	98
36) 1,1-Dichloropropene	8.011	75	123409	20.463	ug/l	100
37) Ethyl Acetate	7.170	43	61364	21.160	ug/l	96
38) Carbon Tetrachloride	7.994	117	124908	21.762	ug/l	94
39) Methylcyclohexane	9.276	83	167952	20.923	ug/l	94
40) Benzene	8.253	78	390921	20.368	ug/l	100

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 Data File : VD080508.D
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 Operator : RP/MD
 Sample : VD0904SBSD01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 05 03:44:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 03:02:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	39124	22.723	ug/l	90
42) 1,2-Dichloroethane	8.323	62	97827	21.043	ug/l	100
43) Isopropyl Acetate	8.358	43	116896	19.811	ug/l	99
44) Trichloroethene	9.029	130	97449	20.928	ug/l	93
45) 1,2-Dichloropropane	9.305	63	98756	20.747	ug/l	98
46) Dibromomethane	9.394	93	53724	21.067	ug/l	99
47) Bromodichloromethane	9.582	83	132967	21.388	ug/l	98
48) Methyl methacrylate	9.382	41	59730	20.420	ug/l	98
49) 1,4-Dioxane	9.388	88	12897	409.078	ug/l	96
51) 4-Methyl-2-Pentanone	10.158	43	298671	101.497	ug/l	99
52) Toluene	10.335	92	247421	20.671	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	129227	20.396	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	152990	20.192	ug/l	98
55) 1,1,2-Trichloroethane	10.735	97	70944	20.749	ug/l	96
56) Ethyl methacrylate	10.599	69	95448	20.036	ug/l	97
57) 1,3-Dichloropropane	10.876	76	126103	21.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	181836	98.638	ug/l	99
59) 2-Hexanone	10.917	43	205831	98.445	ug/l	98
60) Dibromochloromethane	11.070	129	90524	21.008	ug/l	99
61) 1,2-Dibromoethane	11.176	107	68203	20.964	ug/l	100
64) Tetrachloroethene	10.811	164	78919	21.069	ug/l	95
65) Chlorobenzene	11.605	112	267322	20.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.676	131	88483	21.463	ug/l	97
67) Ethyl Benzene	11.682	91	462161	20.659	ug/l	100
68) m/p-Xylenes	11.794	106	357745	41.532	ug/l	98
69) o-Xylene	12.117	106	172705	21.011	ug/l	98
70) Styrene	12.135	104	289655	20.714	ug/l	100
71) Bromoform	12.299	173	51059	21.792	ug/l #	100
73) Isopropylbenzene	12.417	105	435311	20.839	ug/l	99
74) N-amyl acetate	12.229	43	111371	20.091	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	81634	21.019	ug/l	98
76) 1,2,3-Trichloropropane	12.723	75	100869	43.348	ug/l #	100
77) Bromobenzene	12.699	156	100951	20.887	ug/l	99
78) n-propylbenzene	12.758	91	526599	20.760	ug/l	100
79) 2-Chlorotoluene	12.846	91	297311	20.569	ug/l	98
80) 1,3,5-Trimethylbenzene	12.899	105	350611	20.655	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.470	75	30930	20.174	ug/l	98
82) 4-Chlorotoluene	12.946	91	309508	20.818	ug/l	99
83) tert-Butylbenzene	13.164	119	302103	20.513	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	349060	20.423	ug/l	99
85) sec-Butylbenzene	13.340	105	457827	20.829	ug/l	99
86) p-Isopropyltoluene	13.458	119	378472	20.584	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	195892	21.021	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	196124	20.959	ug/l	98
89) n-Butylbenzene	13.782	91	362664	20.705	ug/l	99
90) Hexachloroethane	14.052	117	72470	20.377	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	172721	20.828	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	11897	20.413	ug/l	93
93) 1,2,4-Trichlorobenzene	15.099	180	109309	21.038	ug/l	98
94) Hexachlorobutadiene	15.199	225	50265	21.285	ug/l	98
95) Naphthalene	15.329	128	228960	20.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	94317	21.205	ug/l	99

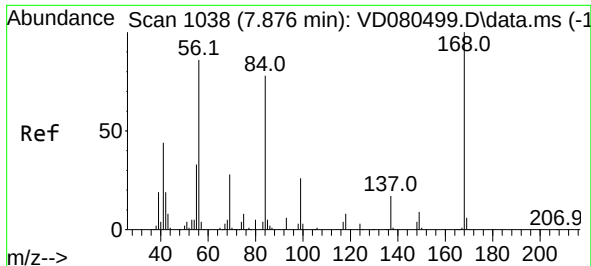
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
Data File : VD080508.D
Acq On : 04 Sep 2025 11:12
Operator : RP/MD
Sample : VD0904SBSD01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 28 03:02:37 2025
Response via : Initial Calibration

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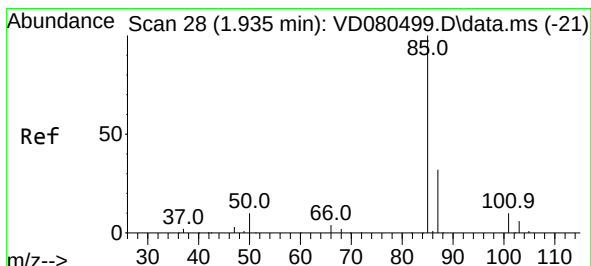
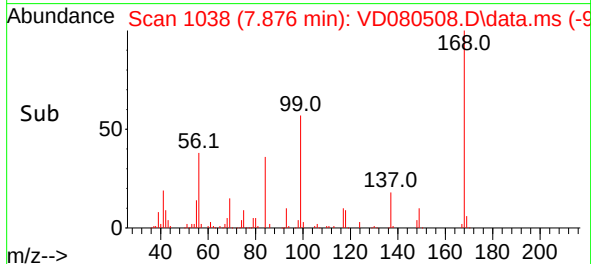
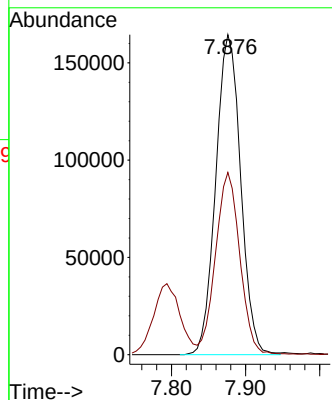
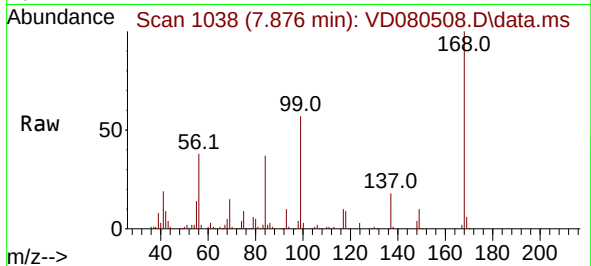
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

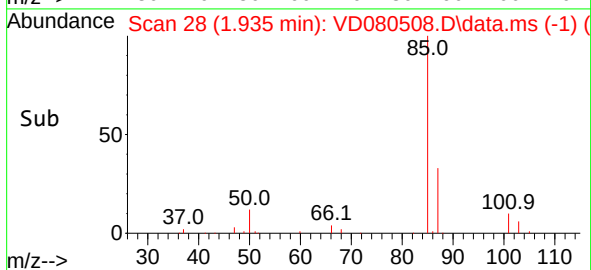
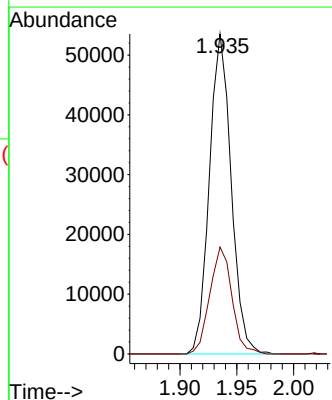
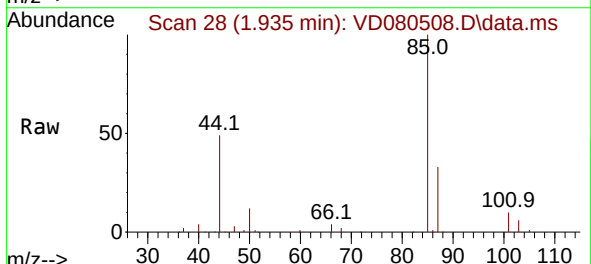
Instrument :
MSVOA_D
ClientSampleId :

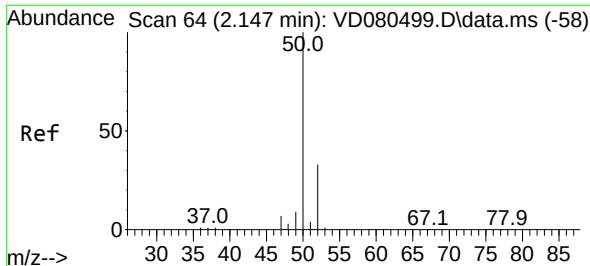
Tgt Ion:168 Resp: 384047
Ion Ratio Lower Upper
168 100
99 56.6 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 21.830 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion: 85 Resp: 71378
Ion Ratio Lower Upper
85 100
87 33.4 16.2 48.5

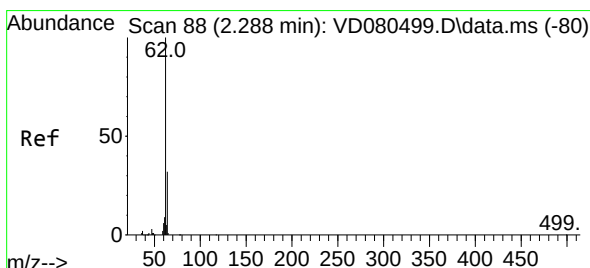
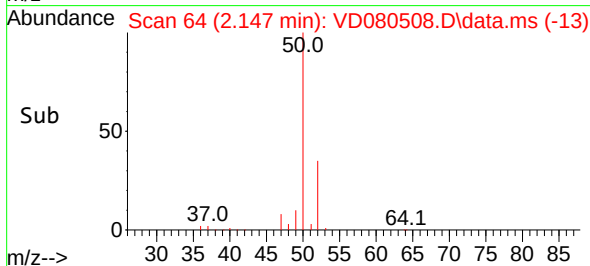
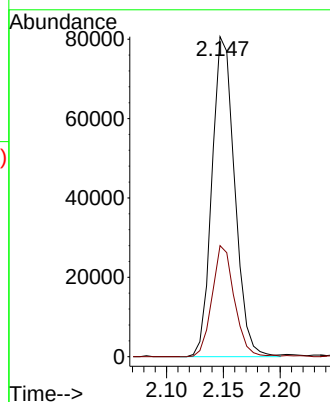
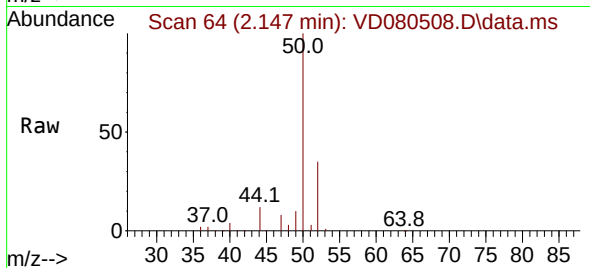




#3
Chloromethane
Concen: 21.710 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

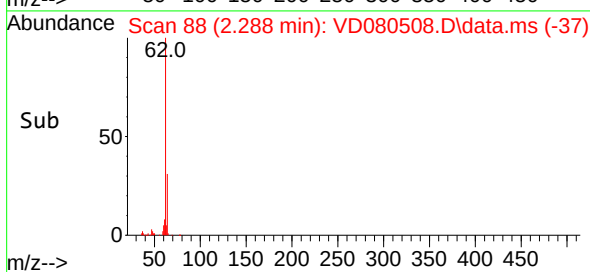
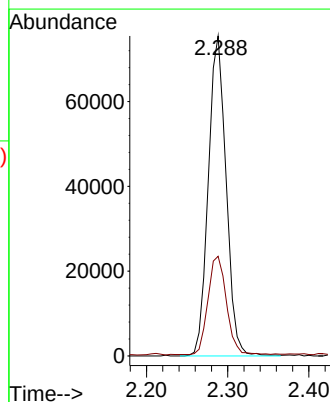
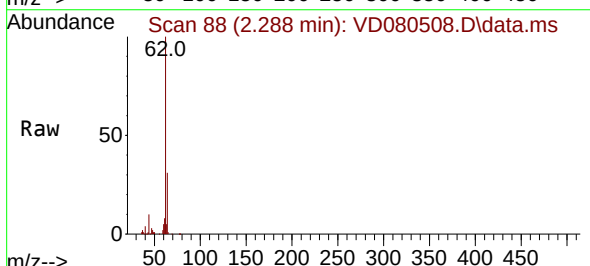
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MSVOA_D
ClientSampleId :

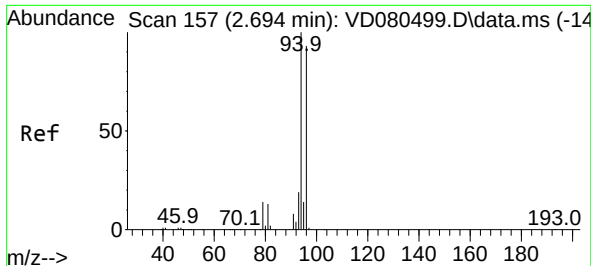
Tgt Ion: 50 Resp: 112055
Ion Ratio Lower Upper
50 100
52 34.7 26.2 39.4



#4
Vinyl Chloride
Concen: 21.564 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion: 62 Resp: 114869
Ion Ratio Lower Upper
62 100
64 30.7 25.6 38.4

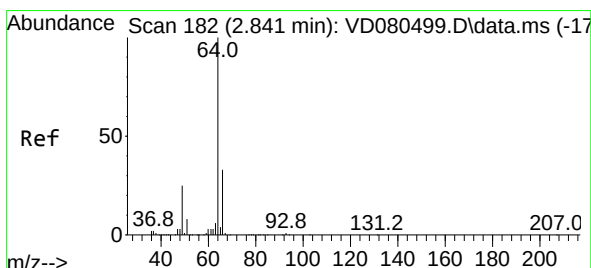
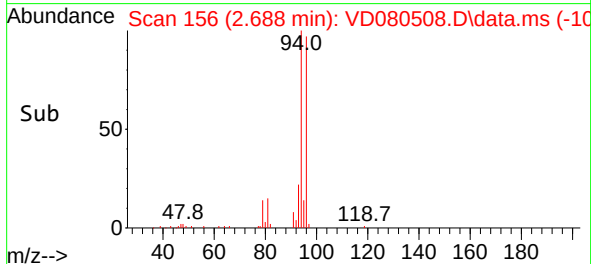
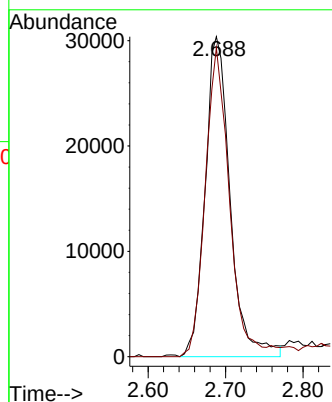
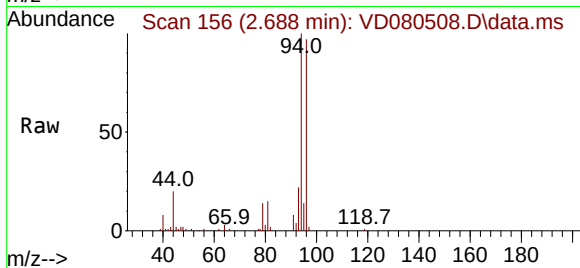




#5
Bromomethane
Concen: 22.777 ug/l
RT: 2.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

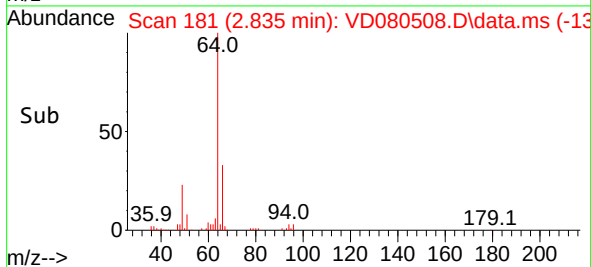
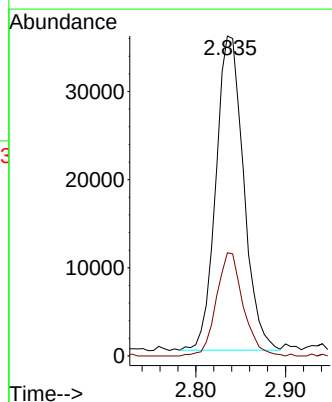
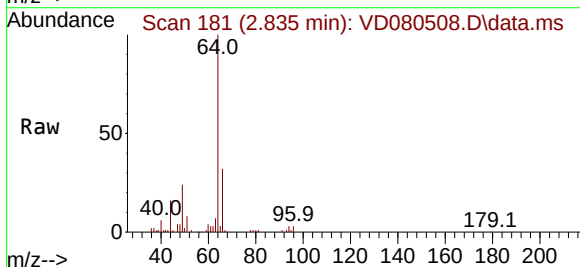
Instrument :
MSVOA_D
ClientSampleId :

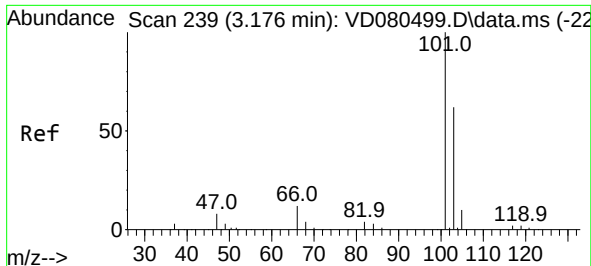
Tgt Ion: 94 Resp: 68185
Ion Ratio Lower Upper
94 100
96 92.4 74.6 111.8



#6
Chloroethane
Concen: 21.957 ug/l
RT: 2.835 min Scan# 181
Delta R.T. -0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

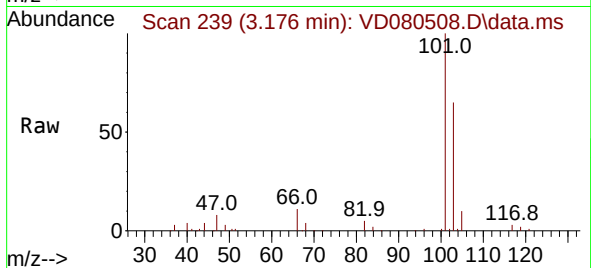
Tgt Ion: 64 Resp: 76345
Ion Ratio Lower Upper
64 100
66 32.9 26.5 39.7



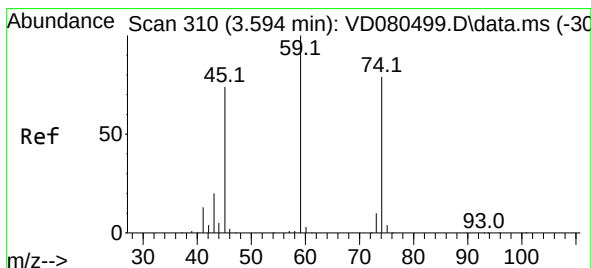
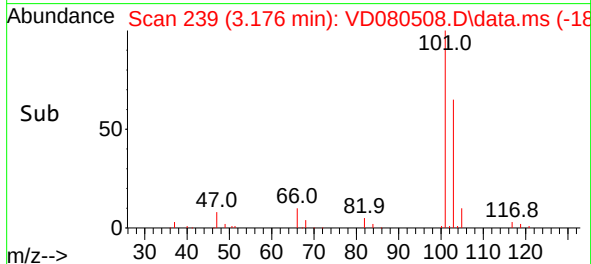
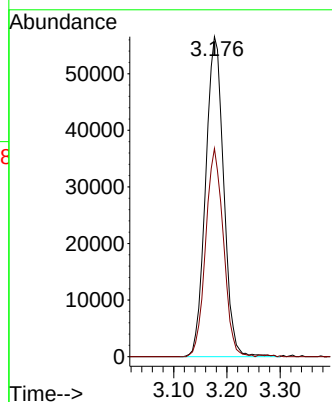


#7
 Trichlorofluoromethane
 Concen: 21.446 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12

Instrument :
 MSVOA_D
 ClientSampleId :

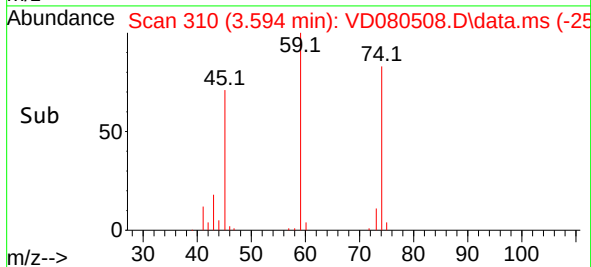
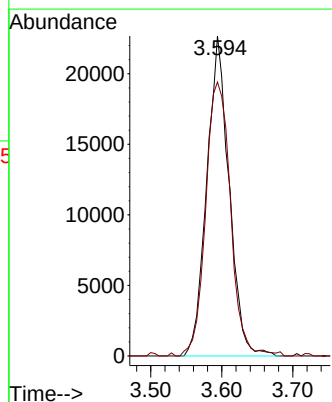
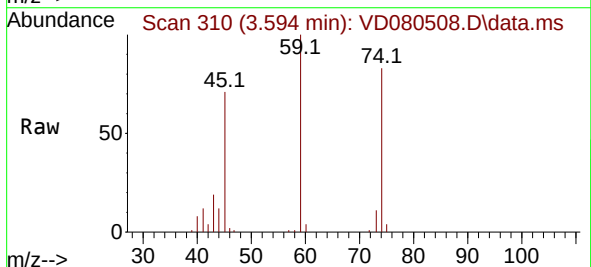


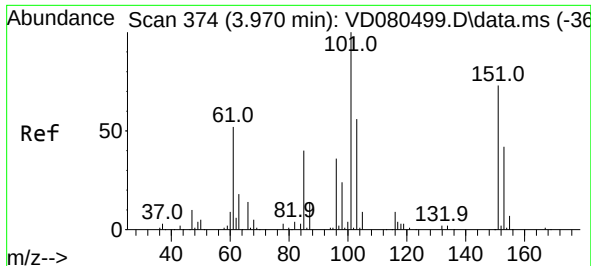
Tgt Ion:101 Resp: 133055
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.6 74.4



#8
 Diethyl Ether
 Concen: 20.140 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12

Tgt Ion: 74 Resp: 49514
 Ion Ratio Lower Upper
 74 100
 45 95.3 48.2 144.6

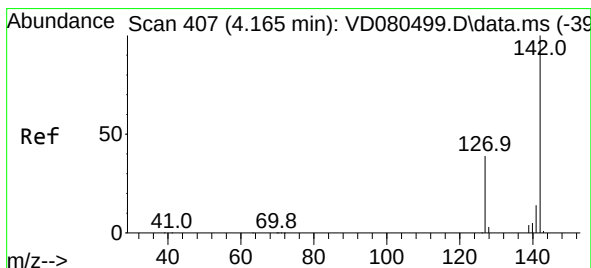
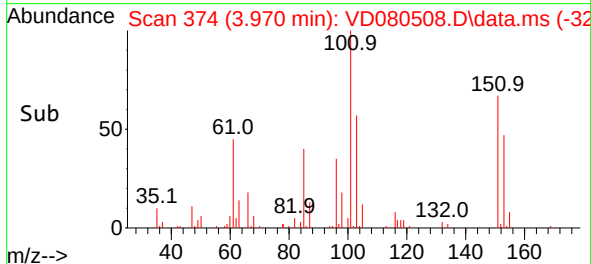
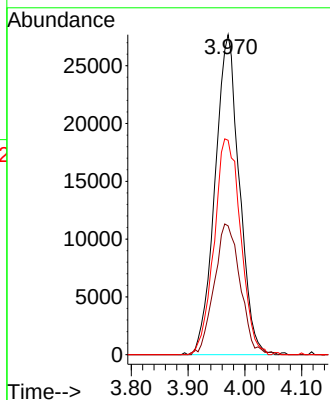
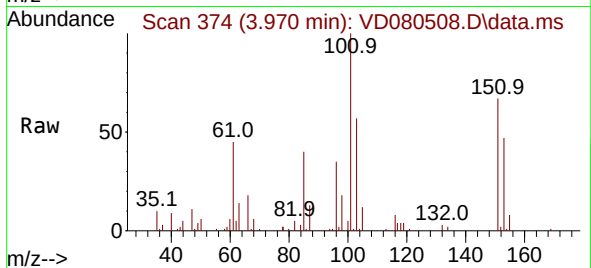




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.459 ug/l
RT: 3.970 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD080508.D
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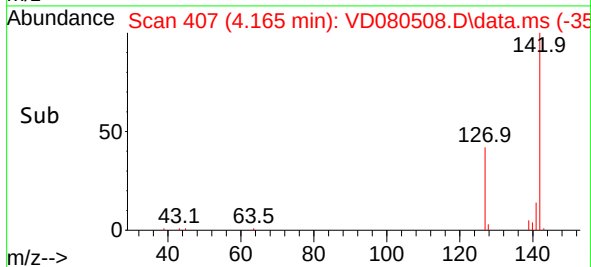
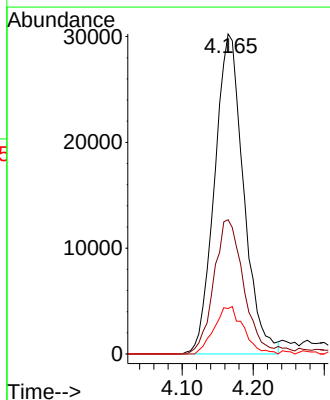
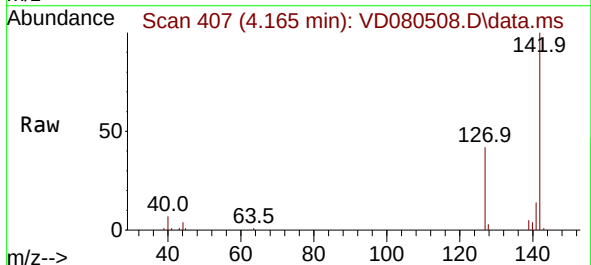
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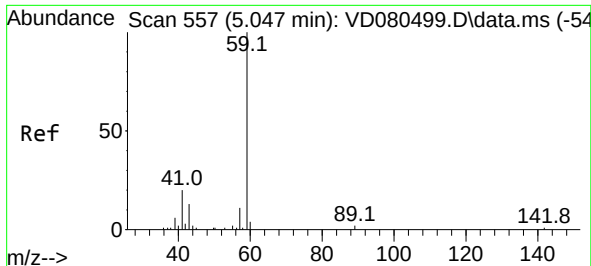
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Ion Ratio Lower Upper
101 100
85 43.7 33.8 50.6
151 73.4 58.0 87.0



#10
Methyl Iodide
Concen: 18.451 ug/l
RT: 4.165 min Scan# 407
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

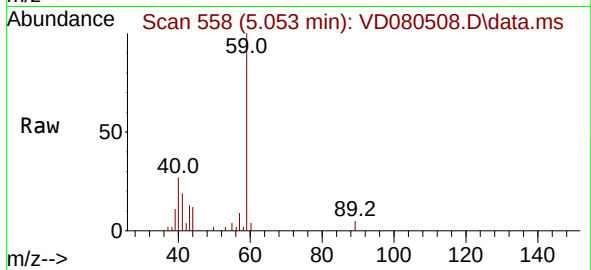
Tgt Ion:142 Resp: 85752
Ion Ratio Lower Upper
142 100
127 42.9 33.1 49.7
141 14.9 11.7 17.5



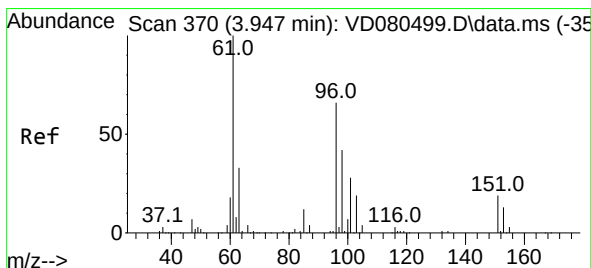
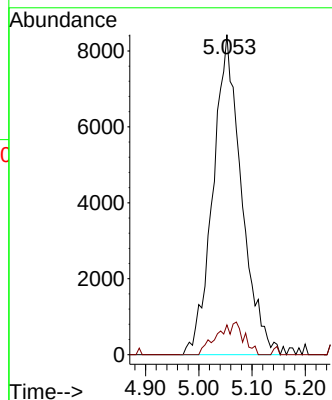
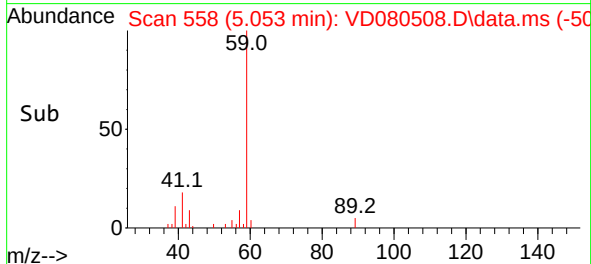


#11
Tert butyl alcohol
Concen: 99.874 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Instrument :
MSVOA_D
ClientSampleId :

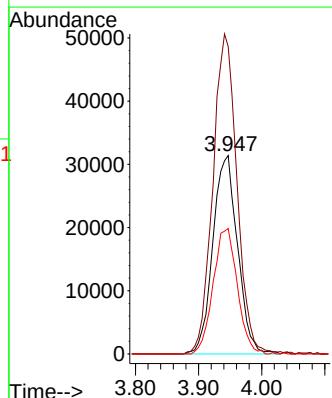
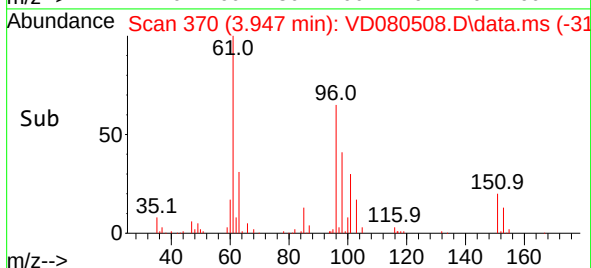
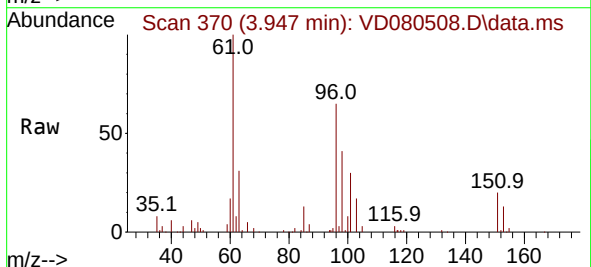


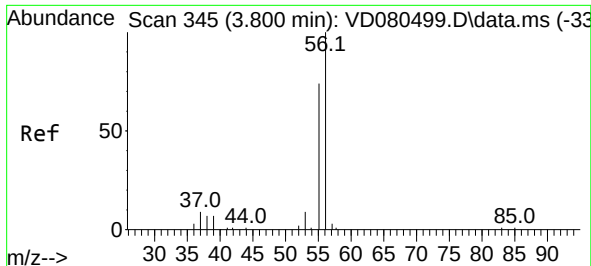
Tgt Ion: 59 Resp: 31316
Ion Ratio Lower Upper
59 100
57 9.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.348 ug/l
RT: 3.947 min Scan# 370
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

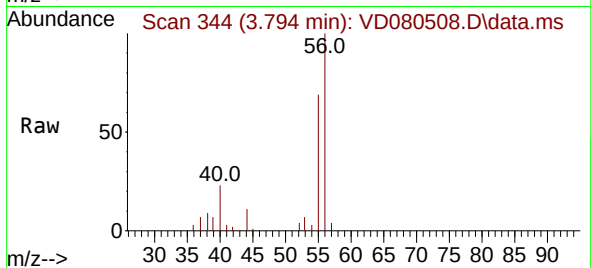
Tgt Ion: 96 Resp: 85335
Ion Ratio Lower Upper
96 100
61 155.0 120.9 181.3
98 63.2 50.7 76.1



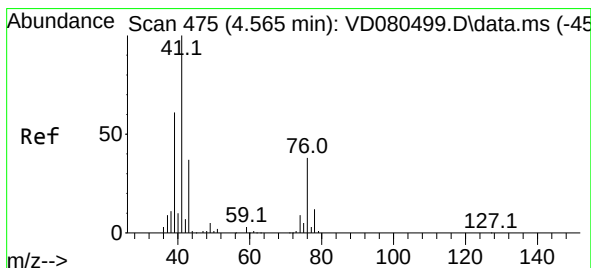
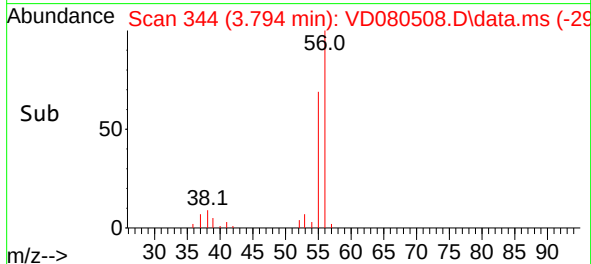
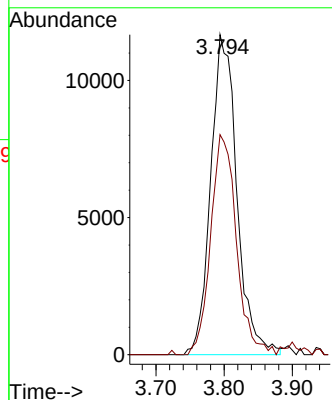


#13
Acrolein
Concen: 93.539 ug/l
RT: 3.794 min Scan# 345
Delta R.T. -0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Instrument :
MSVOA_D
ClientSampleId :

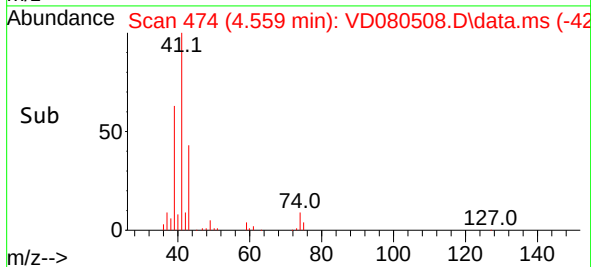
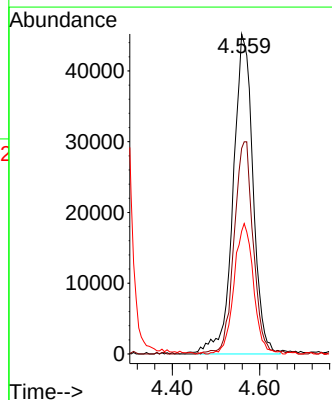
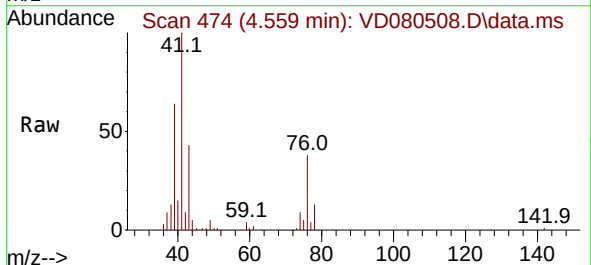


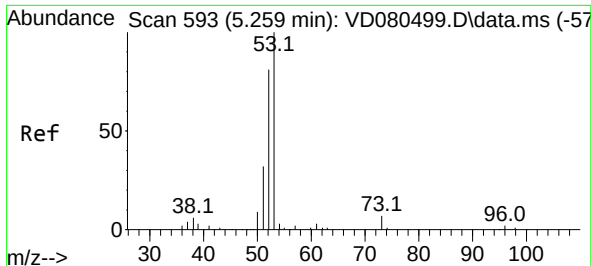
Tgt Ion: 56 Resp: 31172
Ion Ratio Lower Upper
56 100
55 67.5 56.6 85.0



#14
Allyl chloride
Concen: 19.735 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

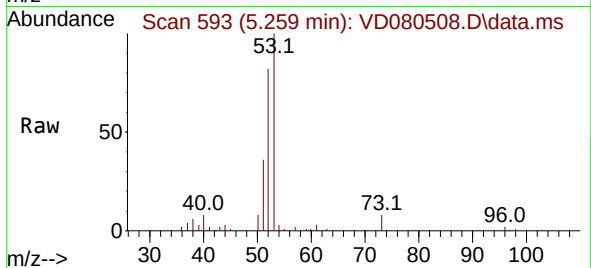
Tgt Ion: 41 Resp: 143628
Ion Ratio Lower Upper
41 100
39 63.9 50.1 75.1
76 39.6 30.7 46.1



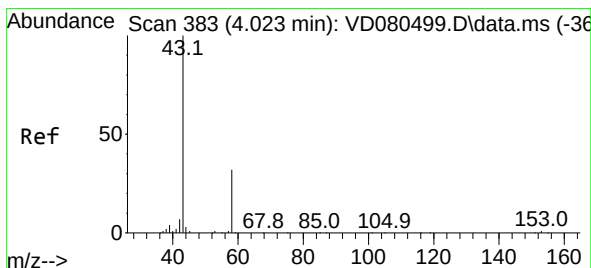
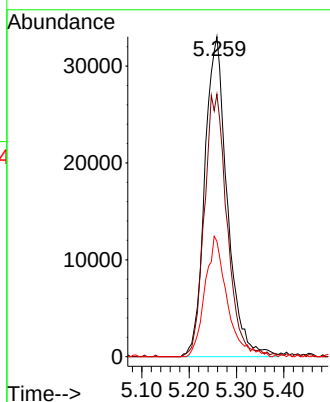
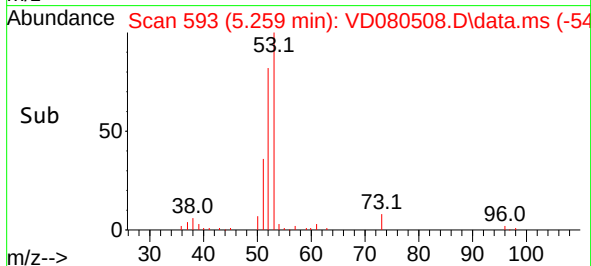


#15
Acrylonitrile
Concen: 99.565 ug/l
RT: 5.259 min Scan# 593
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Instrument :
MSVOA_D
ClientSampleId :

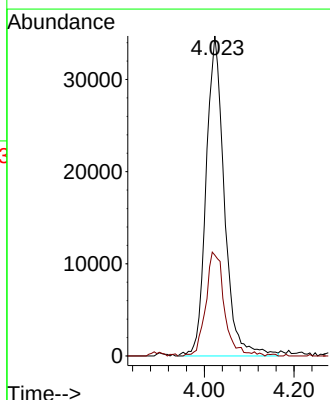
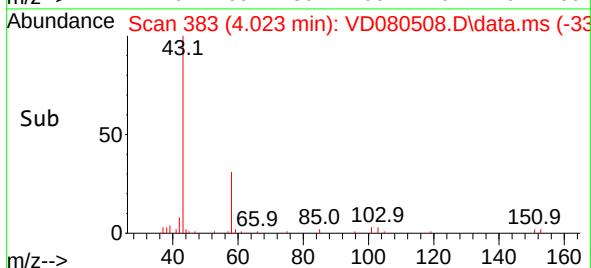
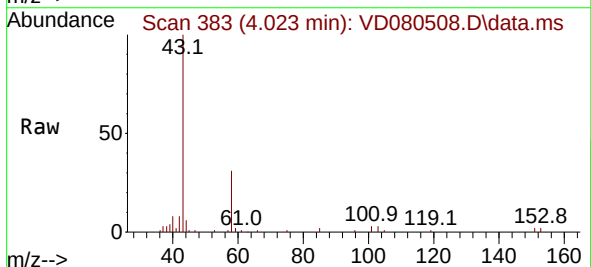


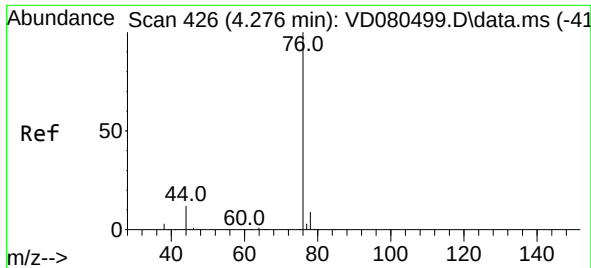
Tgt Ion: 53 Resp: 109010
Ion Ratio Lower Upper
53 100
52 83.2 64.6 97.0
51 37.0 28.0 42.0



#16
Acetone
Concen: 96.890 ug/l
RT: 4.023 min Scan# 383
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion: 43 Resp: 98282
Ion Ratio Lower Upper
43 100
58 31.5 25.4 38.0

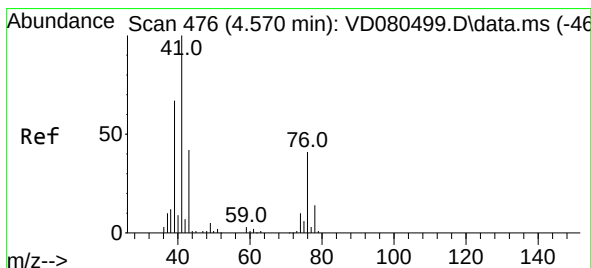
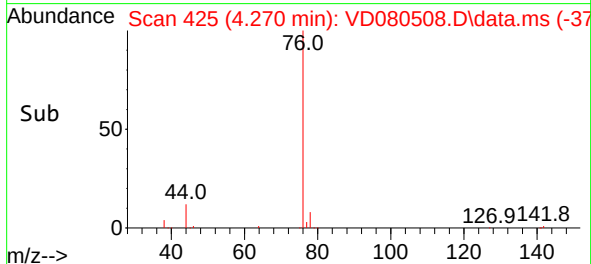
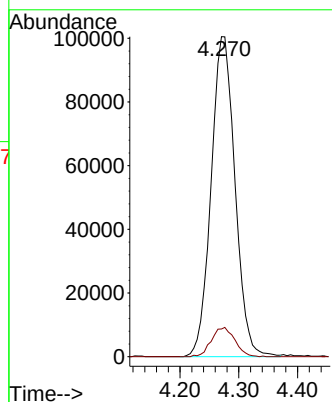
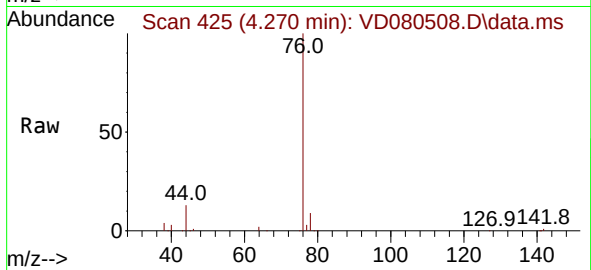




#17
Carbon Disulfide
Concen: 20.054 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

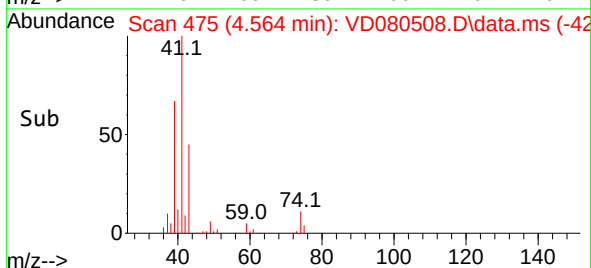
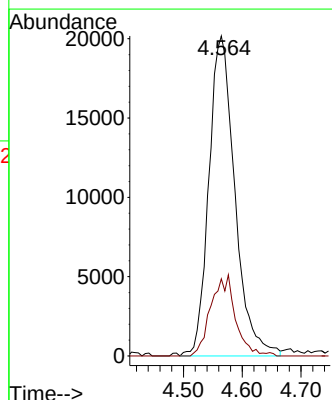
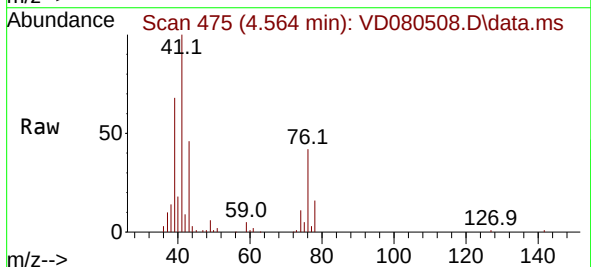
Instrument :
MSVOA_D
ClientSampleId :

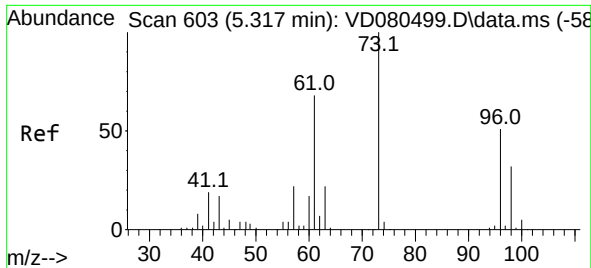
Tgt Ion: 76 Resp: 284402
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 21.721 ug/l
RT: 4.564 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

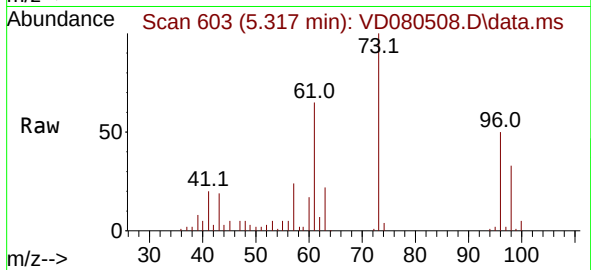
Tgt Ion: 43 Resp: 62006
Ion Ratio Lower Upper
43 100
74 23.8 20.2 30.2



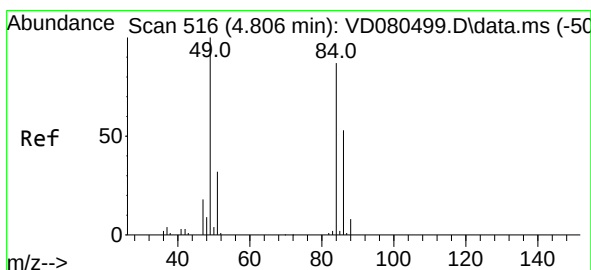
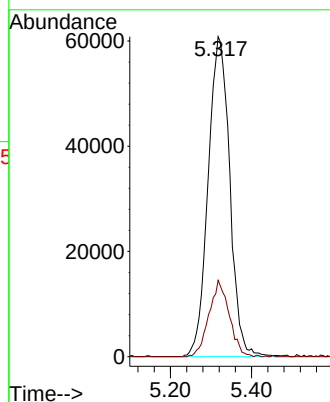
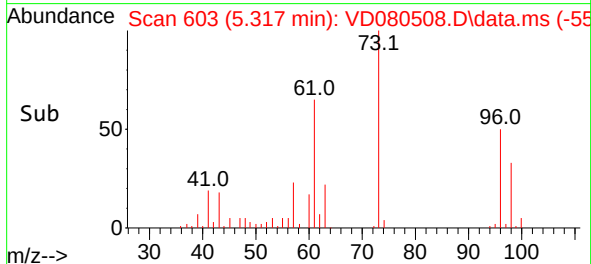


#19
Methyl tert-butyl Ether
Concen: 20.416 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Instrument :
MSVOA_D
ClientSampleId :

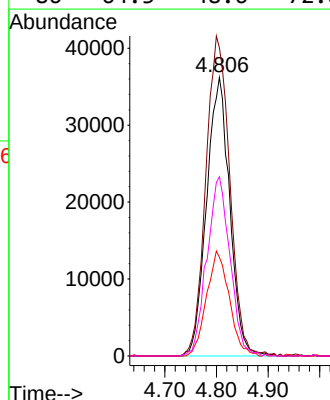
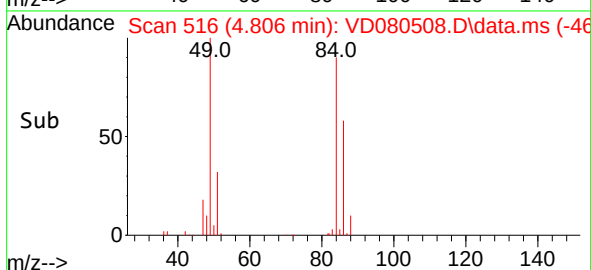
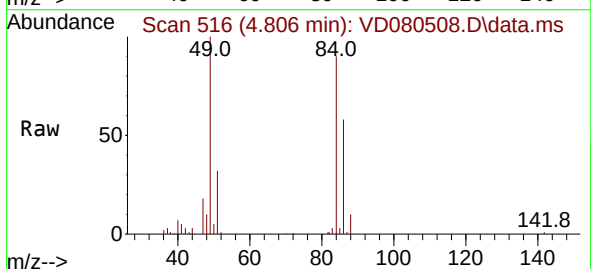


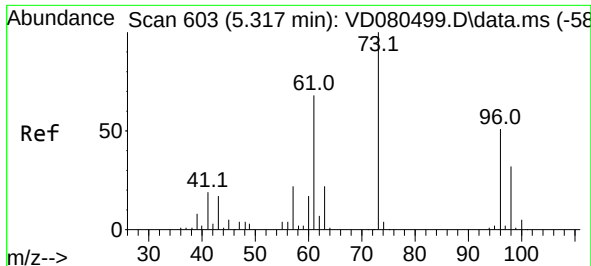
Tgt Ion: 73 Resp: 224696
Ion Ratio Lower Upper
73 100
57 23.9 17.8 26.8



#20
Methylene Chloride
Concen: 20.213 ug/l
RT: 4.806 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

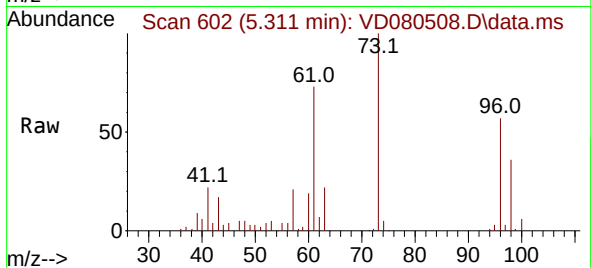
Tgt Ion: 84 Resp: 112630
Ion Ratio Lower Upper
84 100
49 110.6 91.8 137.6
51 35.4 29.0 43.4
86 64.3 48.6 72.8



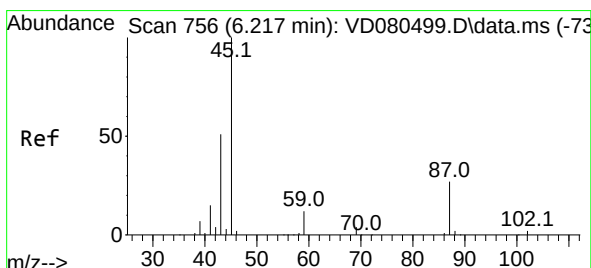
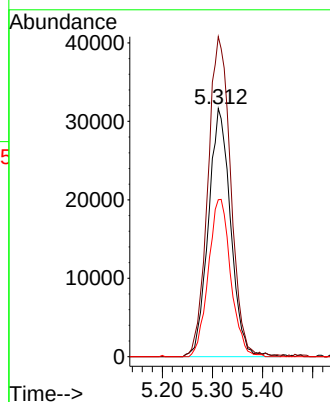
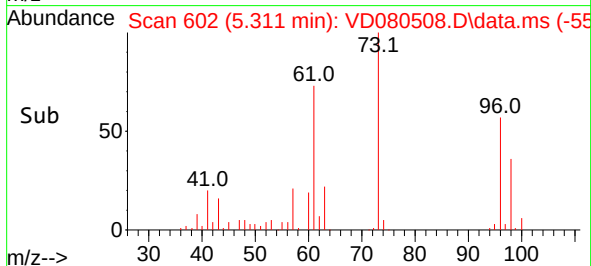


#21
trans-1,2-Dichloroethene
Concen: 20.294 ug/l
RT: 5.311 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

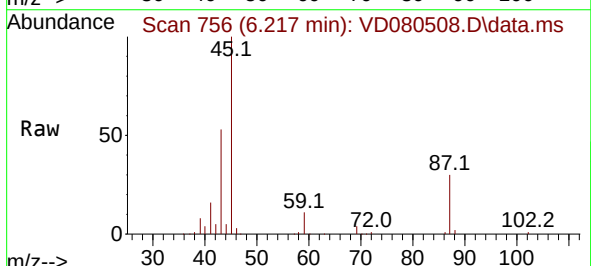
Instrument :
MSVOA_D
ClientSampleId :



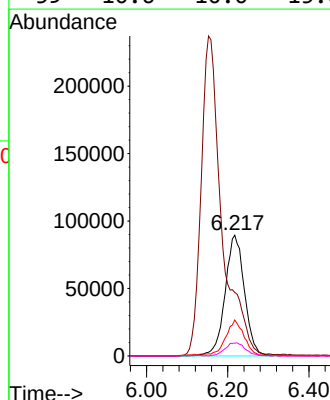
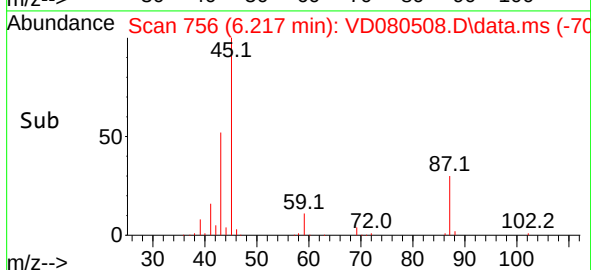
Tgt Ion:	96	Resp:	97436
Ion	Ratio	Lower	Upper
96	100		
61	129.0	107.4	161.0
98	63.3	49.9	74.9

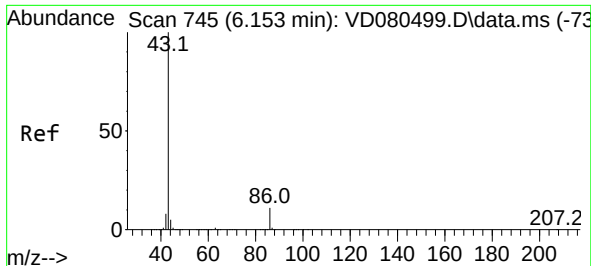


#22
Diisopropyl ether
Concen: 19.813 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12



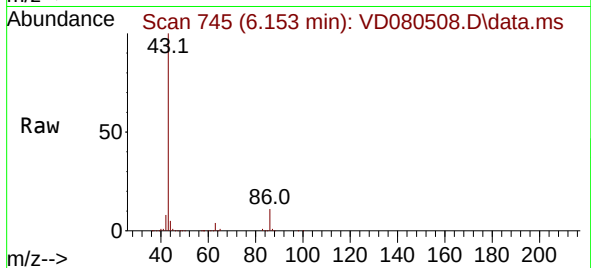
Tgt Ion:	45	Resp:	296790
Ion	Ratio	Lower	Upper
45	100		
43	52.4	40.6	60.8
87	29.8	21.6	32.4
59	10.6	10.0	15.0



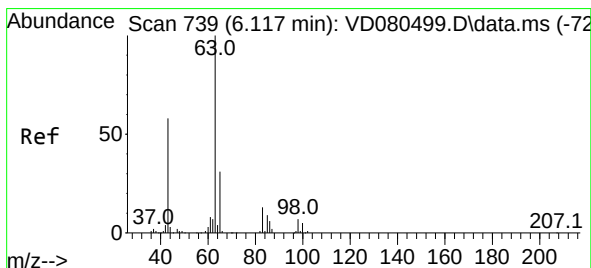
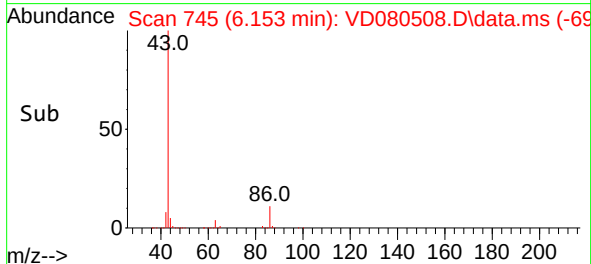
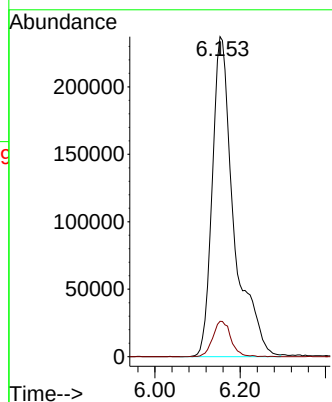


#23
 Vinyl Acetate
 Concen: 98.513 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12

Instrument :
 MSVOA_D
 ClientSampleId :

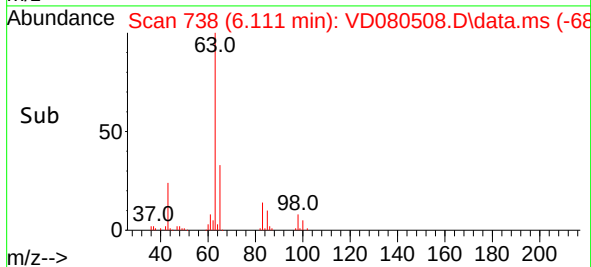
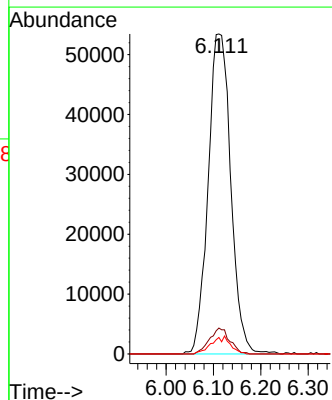
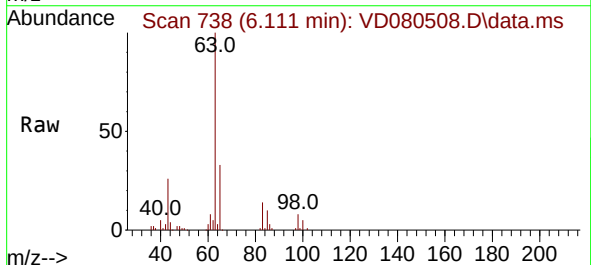


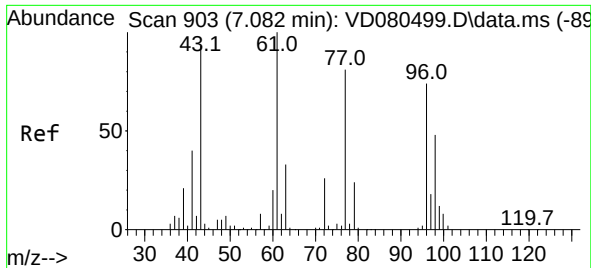
Tgt Ion: 43 Resp: 839743
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 20.489 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12

Tgt Ion: 63 Resp: 177665
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.3 9.9
 100 5.2 2.4 7.1

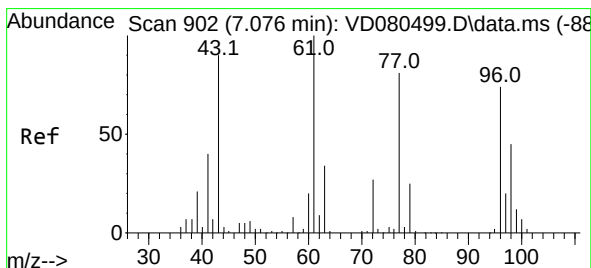
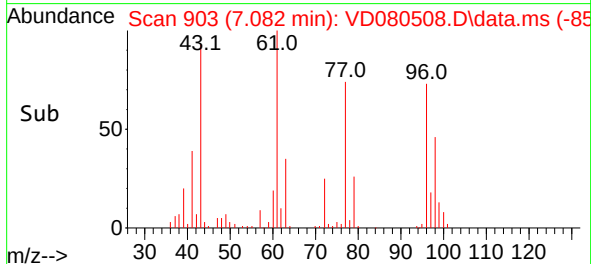
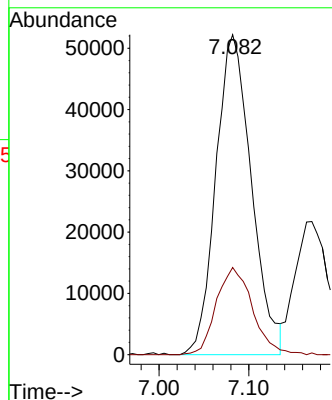
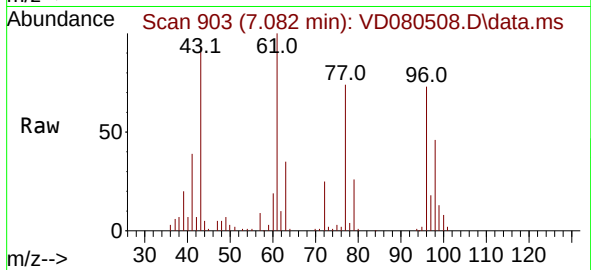




#25
2-Butanone
Concen: 100.104 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

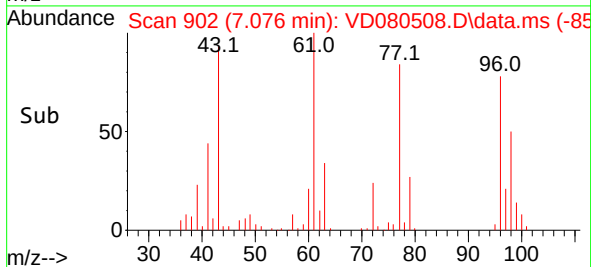
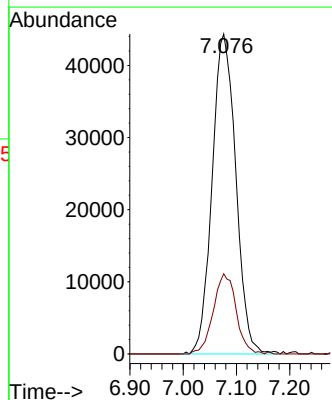
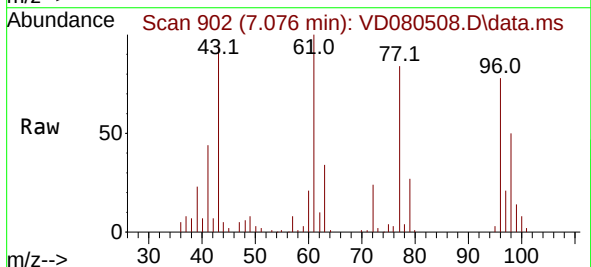
Instrument :
MSVOA_D
ClientSampleId :

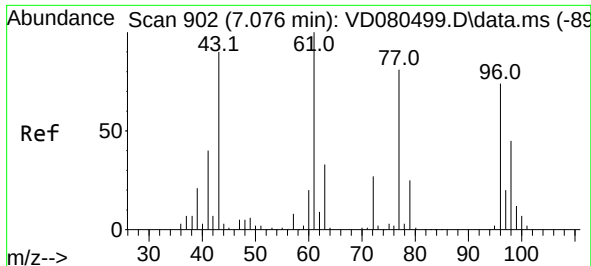
Tgt Ion: 43 Resp: 143782
Ion Ratio Lower Upper
43 100
72 27.2 22.8 34.2



#26
2,2-Dichloropropane
Concen: 19.945 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

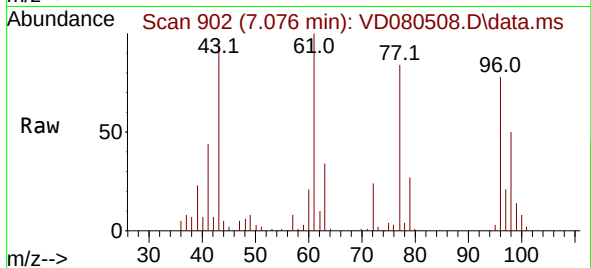
Tgt Ion: 77 Resp: 136934
Ion Ratio Lower Upper
77 100
97 24.2 12.4 37.0





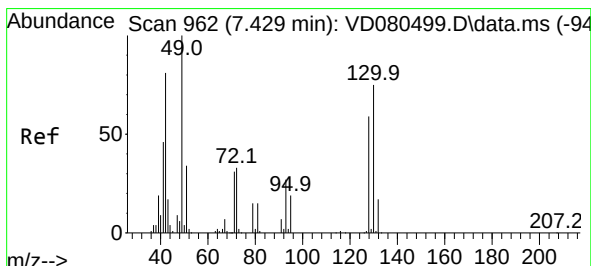
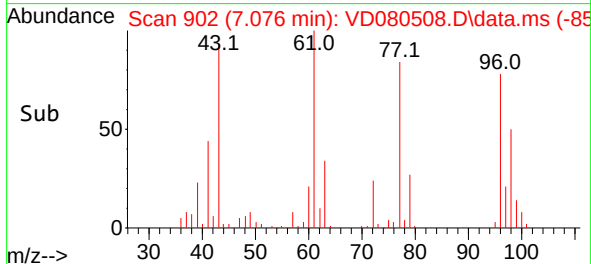
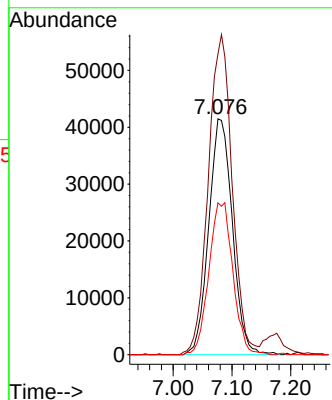
#27
 cis-1,2-Dichloroethene
 Concen: 20.266 ug/l
 RT: 7.076 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 116123

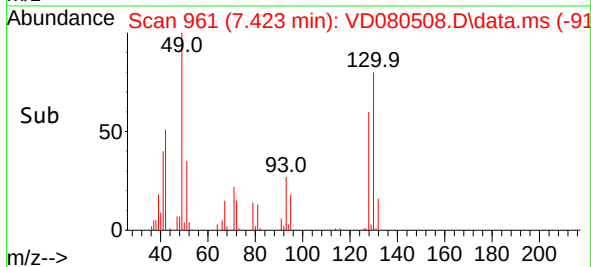
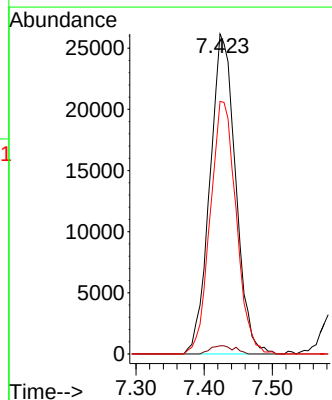
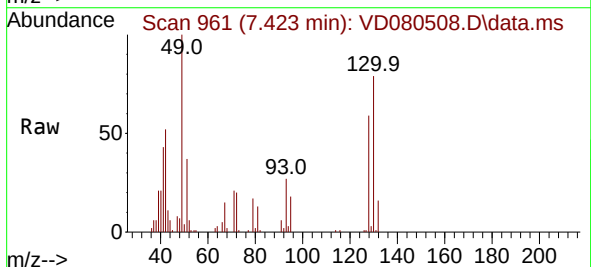
Ion	Ratio	Lower	Upper
96	100		
61	137.1	0.0	275.2
98	65.3	0.0	128.8

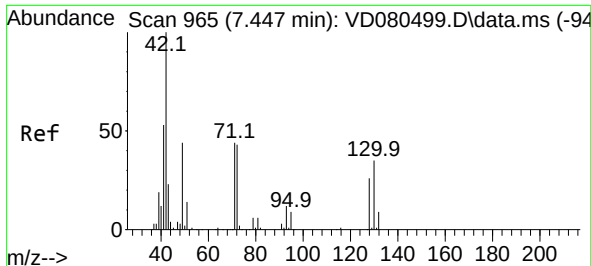


#28
 Bromochloromethane
 Concen: 19.452 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.006 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12

Tgt Ion: 49 Resp: 68739

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.0
130	79.5	61.1	91.7





#29

Tetrahydrofuran

Concen: 99.898 ug/l

RT: 7.447 min Scan# 90

Delta R.T. -0.000 min

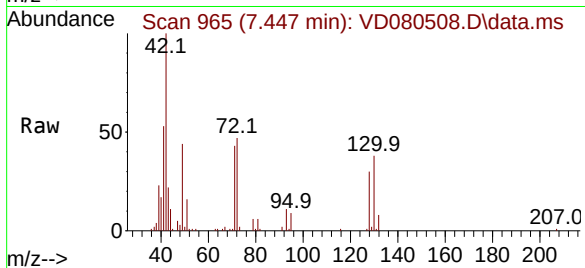
Lab File: VD080508.D

Acq: 04 Sep 2025 11:12

Instrument :

MSVOA_D

ClientSampleId :



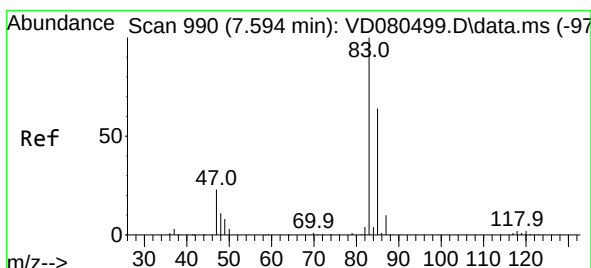
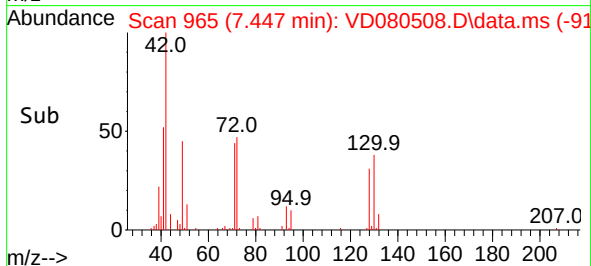
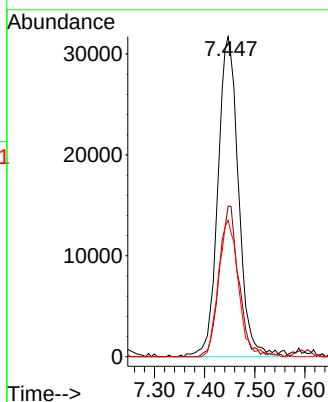
Tgt Ion: 42 Resp: 90671

Ion Ratio Lower Upper

42 100

72 44.7 34.7 52.1

71 41.2 32.9 49.3



#30

Chloroform

Concen: 20.840 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.006 min

Lab File: VD080508.D

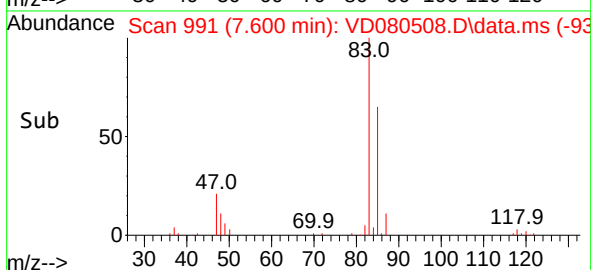
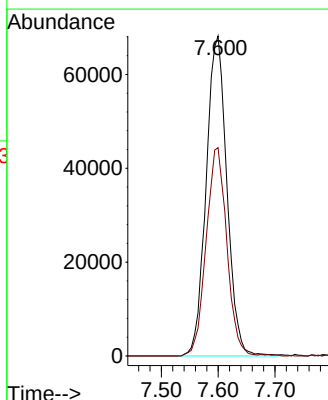
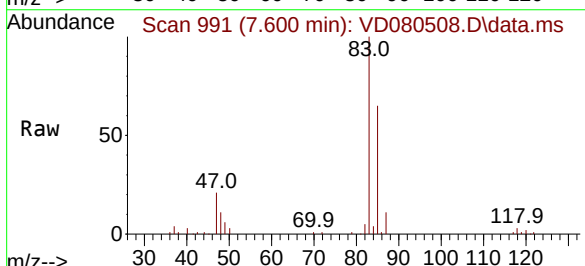
Acq: 04 Sep 2025 11:12

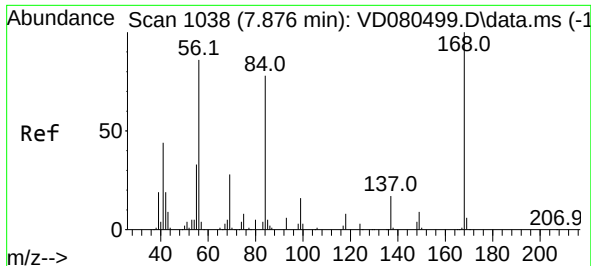
Tgt Ion: 83 Resp: 172789

Ion Ratio Lower Upper

83 100

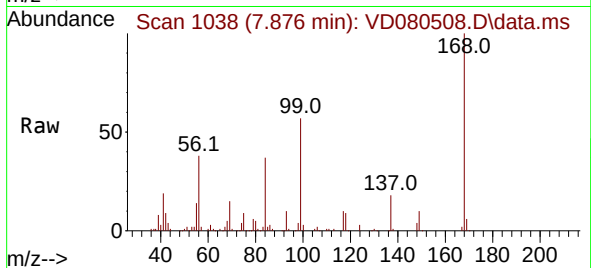
85 65.1 51.2 76.8



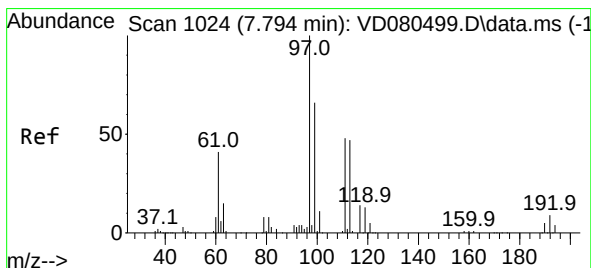
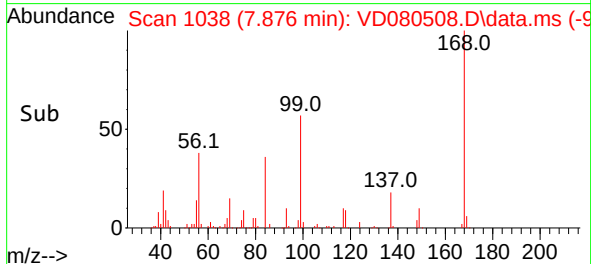
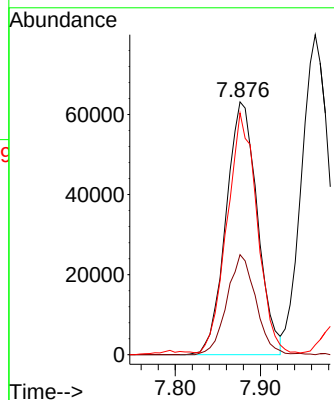


#31
Cyclohexane
Concen: 19.955 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Instrument :
MSVOA_D
ClientSampleId :

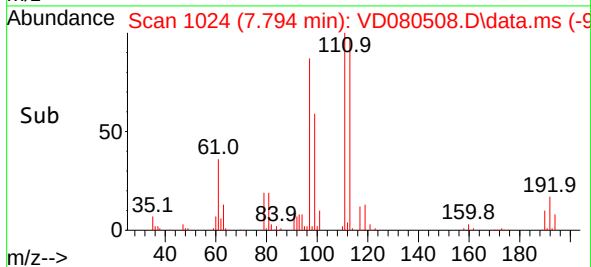
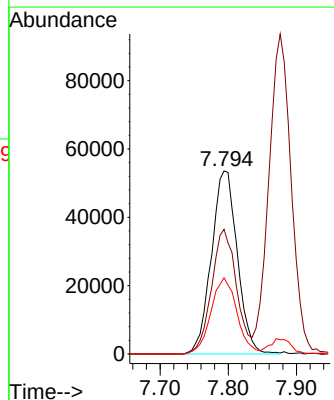
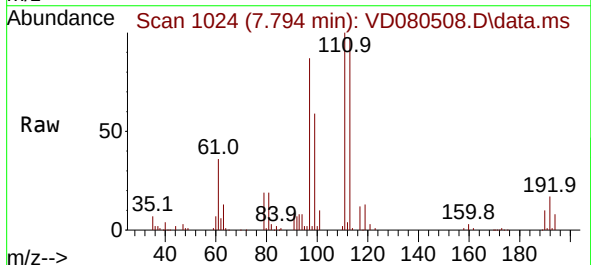


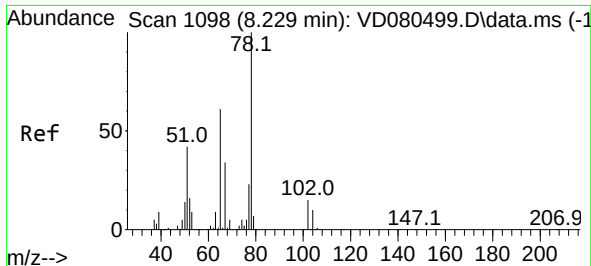
Tgt Ion: 56 Resp: 161960
Ion Ratio Lower Upper
56 100
69 39.6 26.0 39.0#
84 94.4 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 20.523 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion: 97 Resp: 141685
Ion Ratio Lower Upper
97 100
99 65.6 51.0 76.4
61 41.7 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 47.208 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD080508.D

Acq: 04 Sep 2025 11:12

Instrument :

MSVOA_D

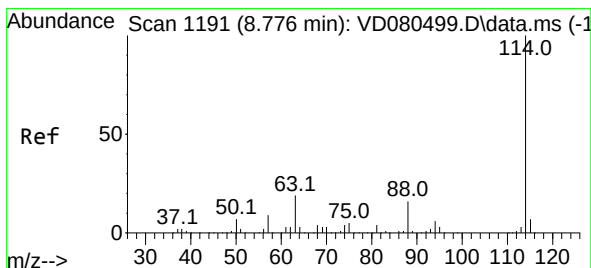
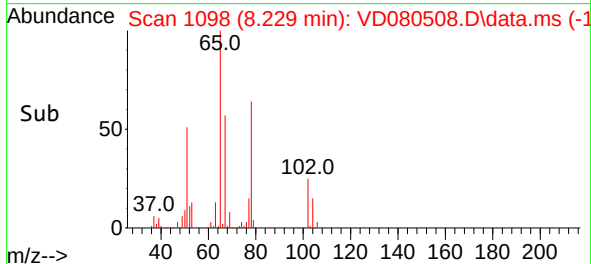
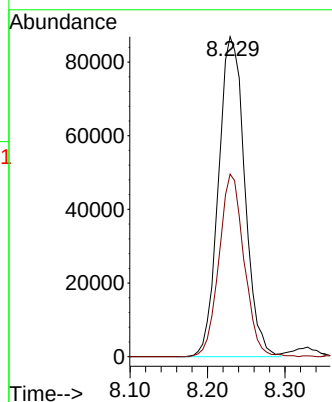
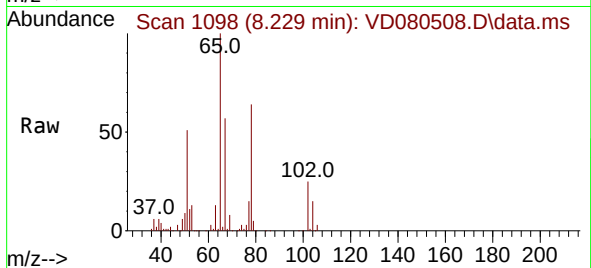
ClientSampleId :

Tgt Ion: 65 Resp: 204546

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: VD080508.D

Acq: 04 Sep 2025 11:12

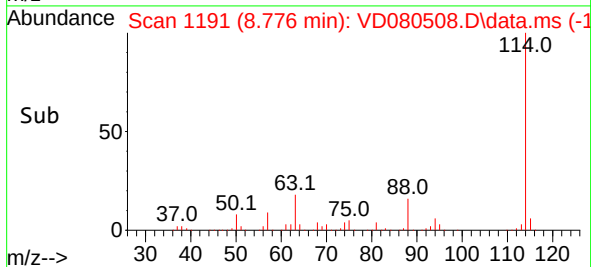
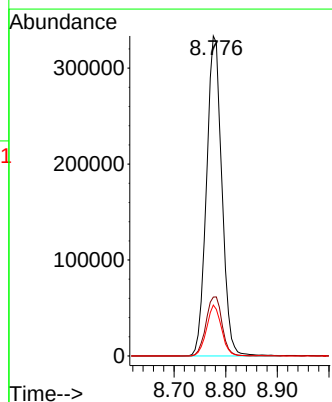
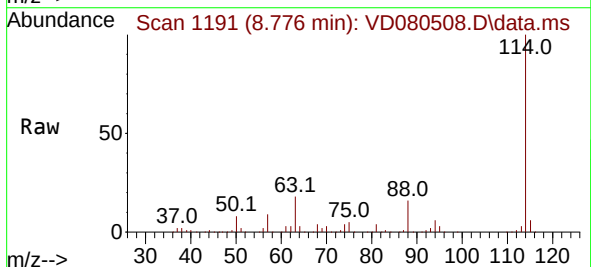
Tgt Ion:114 Resp: 688201

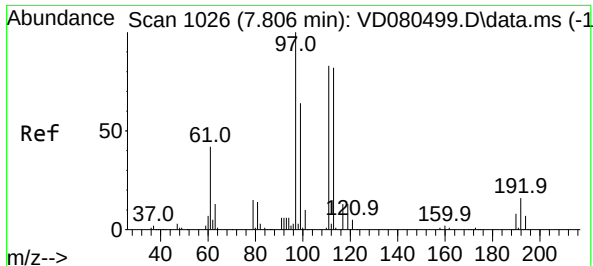
Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.6

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.877 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.001 min

Lab File: VD080508.D

Acq: 04 Sep 2025 11:12

Instrument :

MSVOA_D

ClientSampleId :

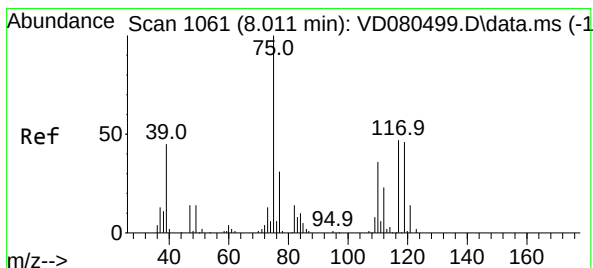
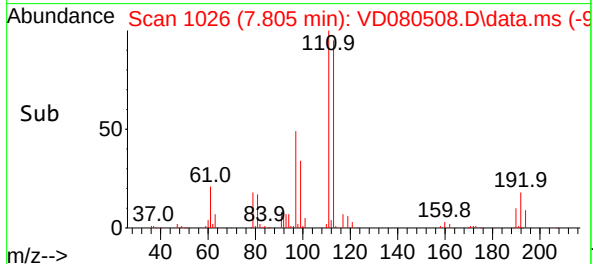
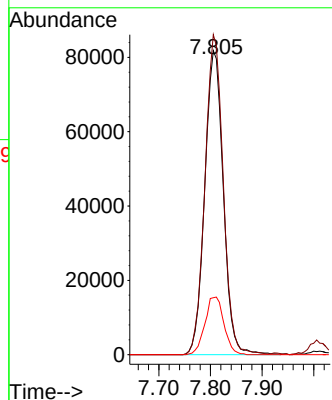
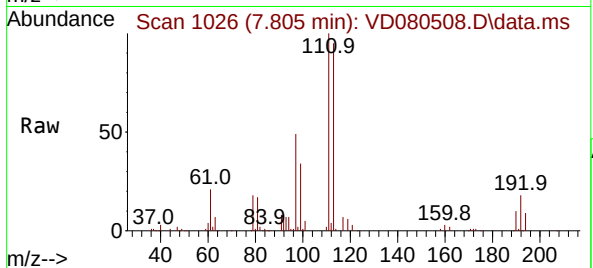
Tgt Ion:113 Resp: 203939

Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

192 19.4 14.9 22.3



#36

1,1-Dichloropropene

Concen: 20.463 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080508.D

Acq: 04 Sep 2025 11:12

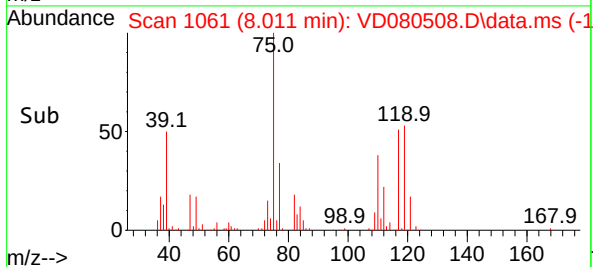
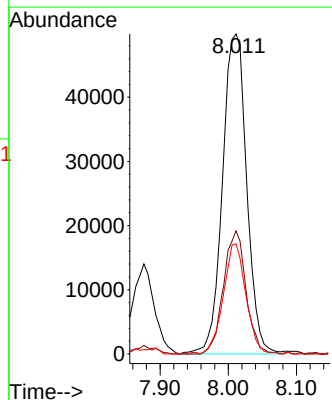
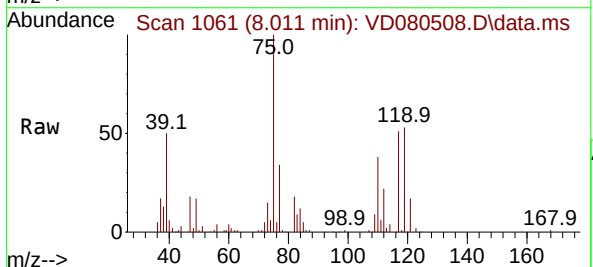
Tgt Ion: 75 Resp: 123409

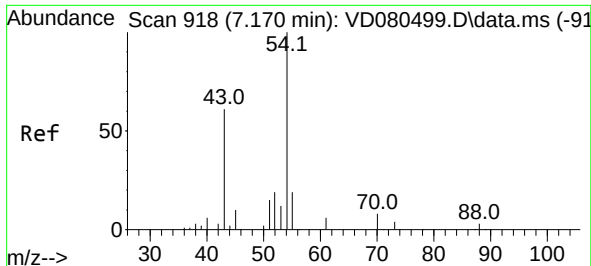
Ion Ratio Lower Upper

75 100

110 35.7 18.1 54.1

77 32.3 25.7 38.5

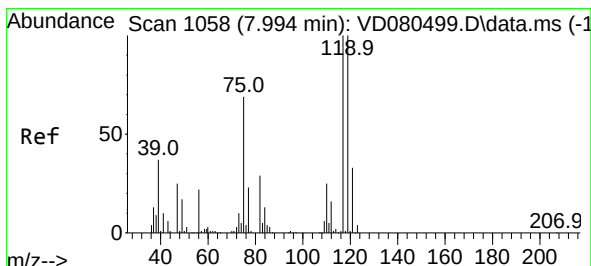
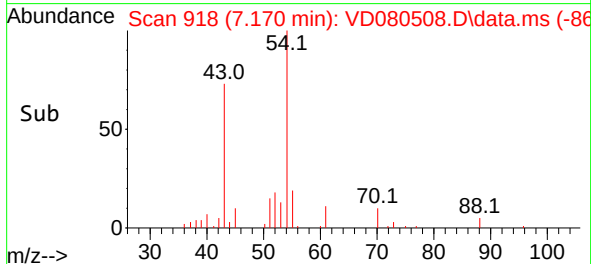
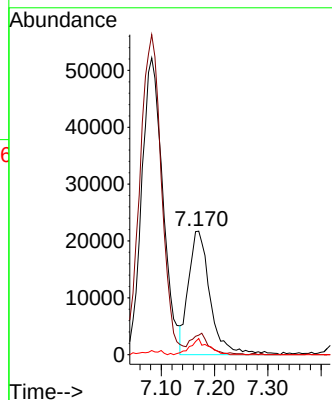
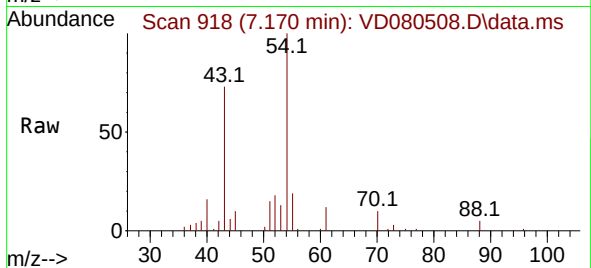




#37
Ethyl Acetate
Concen: 21.160 ug/l
RT: 7.170 min Scan# 918
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

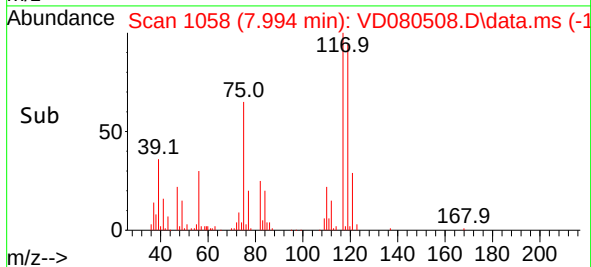
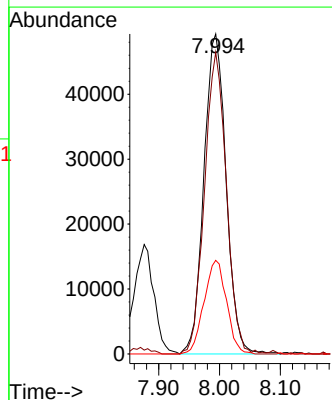
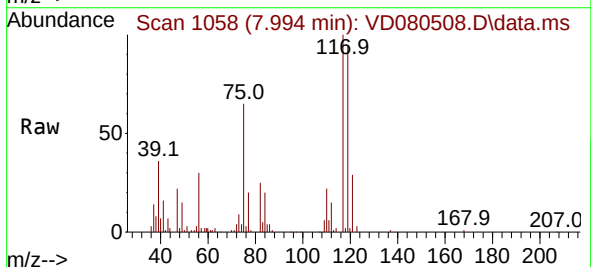
Instrument :
MSVOA_D
ClientSampleId :

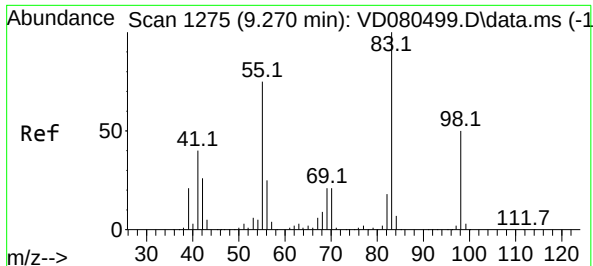
Tgt Ion: 43 Resp: 61364
Ion Ratio Lower Upper
43 100
61 12.3 11.8 17.8
70 10.6 9.0 13.4



#38
Carbon Tetrachloride
Concen: 21.762 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion: 117 Resp: 124908
Ion Ratio Lower Upper
117 100
119 94.3 80.2 120.2
121 29.2 26.8 40.2





#39

Methylcyclohexane

Concen: 20.923 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VD080508.D

Acq: 04 Sep 2025 11:12

Instrument :

MSVOA_D

ClientSampleId :

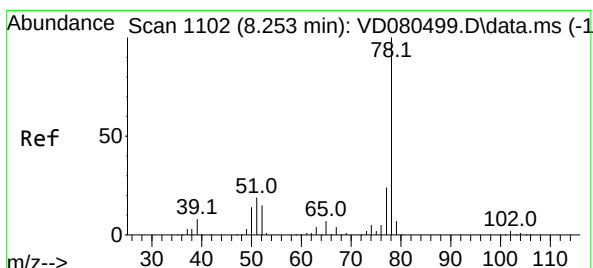
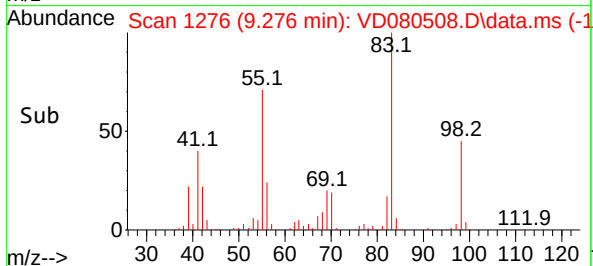
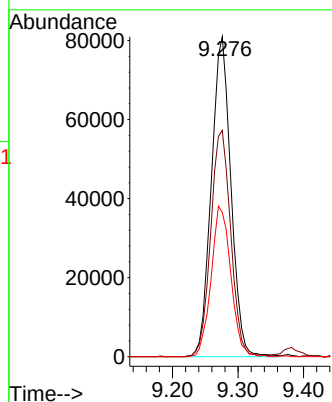
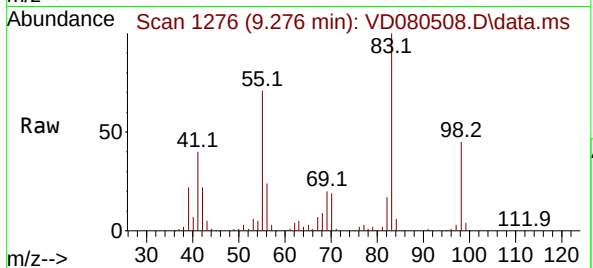
Tgt Ion: 83 Resp: 167952

Ion Ratio Lower Upper

83 100

55 70.7 60.4 90.6

98 45.0 39.8 59.6



#40

Benzene

Concen: 20.368 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080508.D

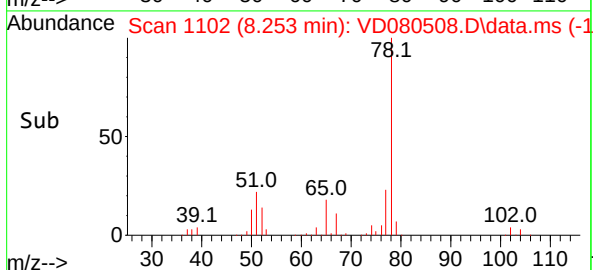
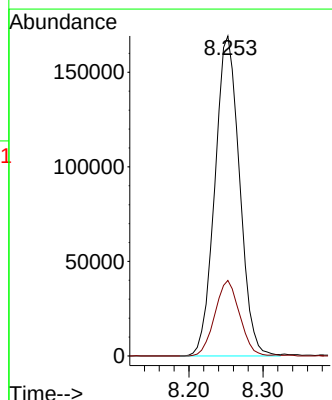
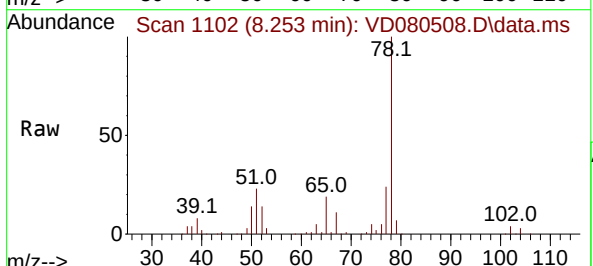
Acq: 04 Sep 2025 11:12

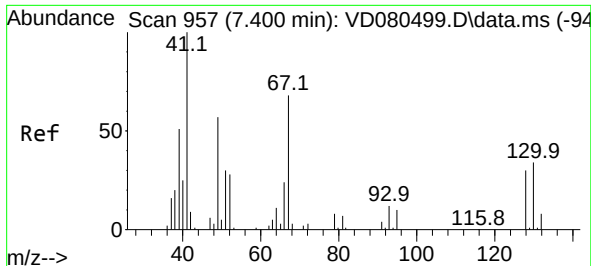
Tgt Ion: 78 Resp: 390921

Ion Ratio Lower Upper

78 100

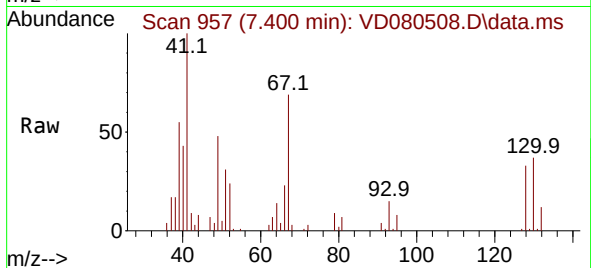
77 23.6 19.0 28.6



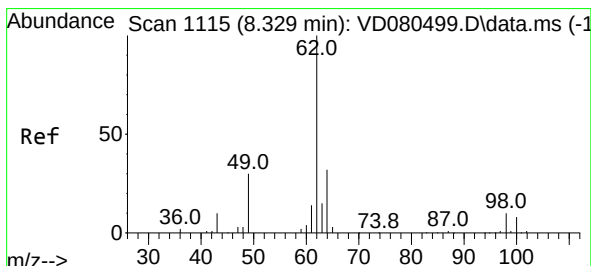
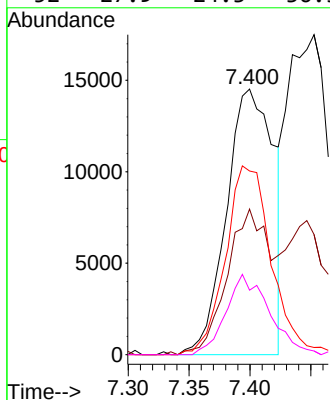
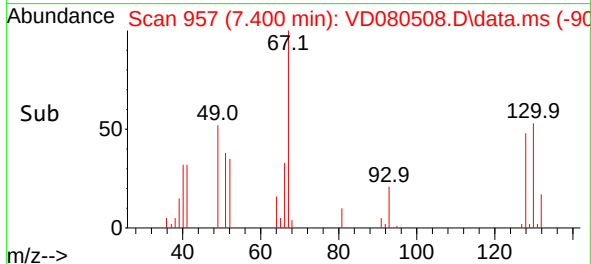


#41
Methacrylonitrile
Concen: 22.723 ug/l
RT: 7.400 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

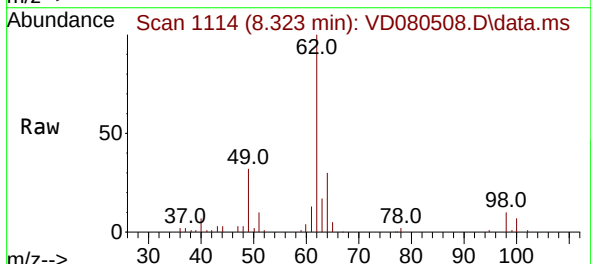
Instrument :
MSVOA_D
ClientSampleId :



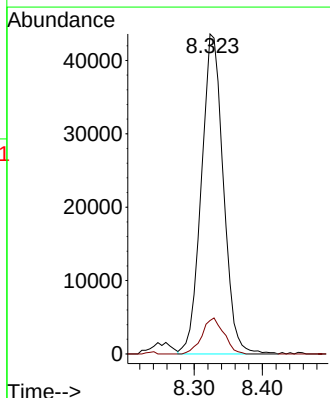
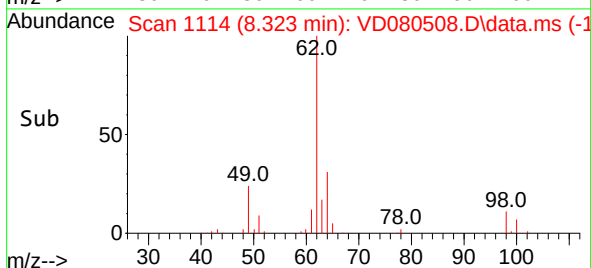
Tgt Ion: 41	Resp: 39124
Ion Ratio	Lower Upper
41 100	
39 51.7	50.1 75.1
67 69.2	60.8 91.2
52 27.9	24.3 36.5

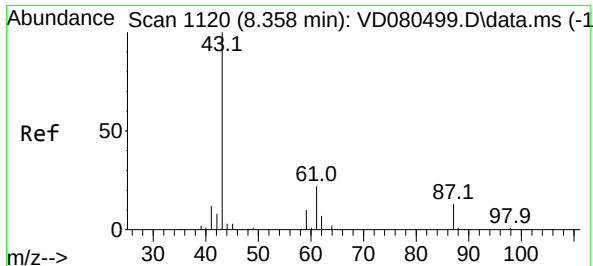


#42
1,2-Dichloroethane
Concen: 21.043 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12



Tgt Ion: 62	Resp: 97827
Ion Ratio	Lower Upper
62 100	
98 11.2	0.0 22.0

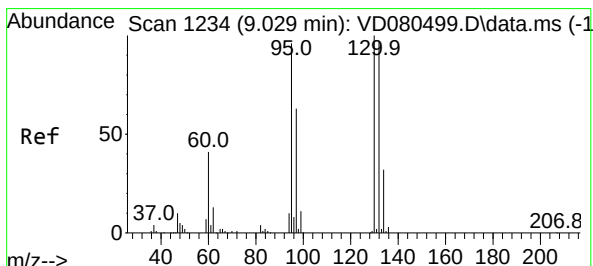
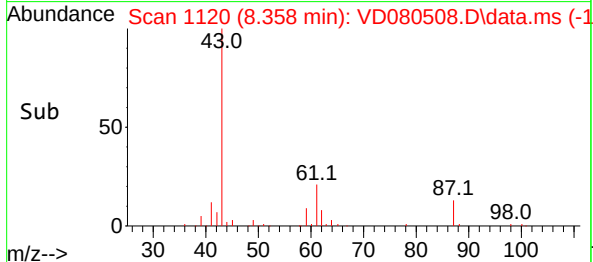
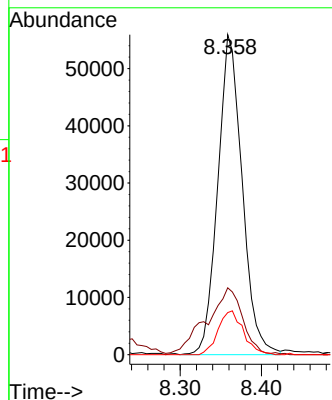
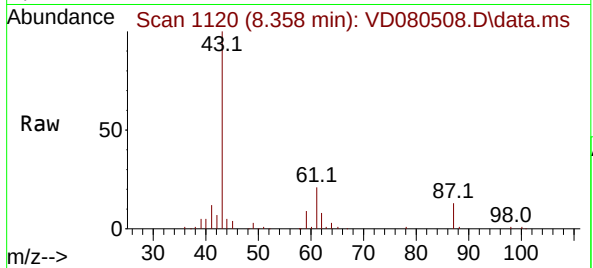




#43
Isopropyl Acetate
Concen: 19.811 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

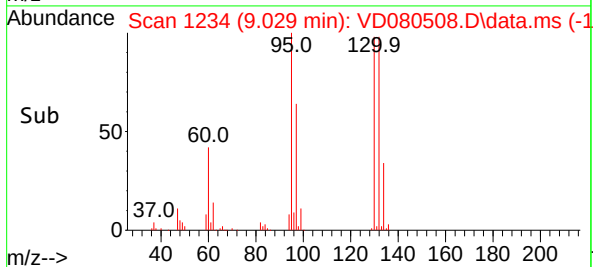
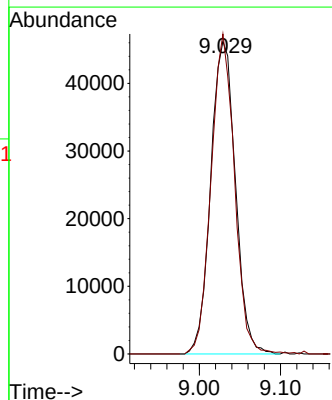
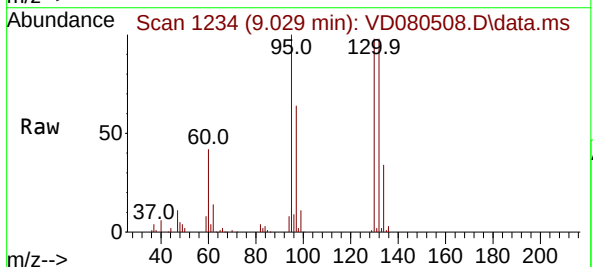
Instrument :
MSVOA_D
ClientSampleId :

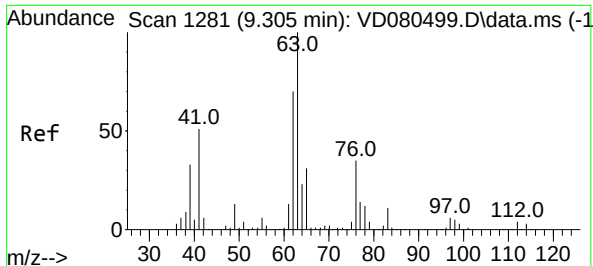
Tgt Ion: 43 Resp: 116896
Ion Ratio Lower Upper
43 100
61 31.0 24.3 36.5
87 14.1 10.9 16.3



#44
Trichloroethene
Concen: 20.928 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion:130 Resp: 97449
Ion Ratio Lower Upper
130 100
95 102.4 0.0 191.8





#45

1,2-Dichloropropane

Concen: 20.747 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080508.D

Acq: 04 Sep 2025 11:12

Instrument :

MSVOA_D

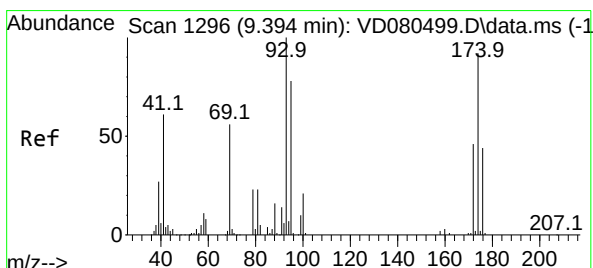
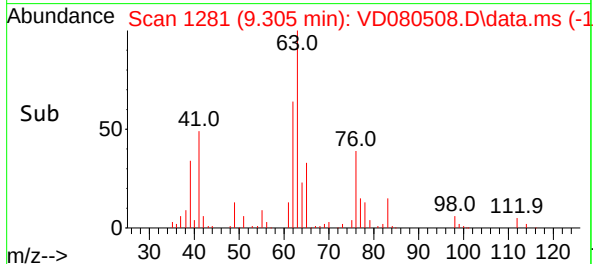
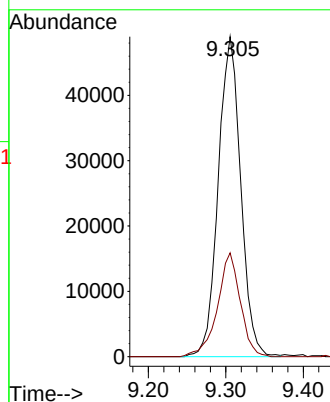
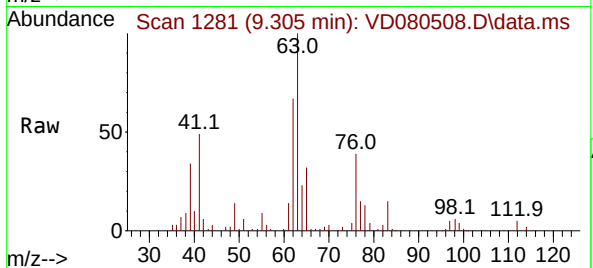
ClientSampleId :

Tgt Ion: 63 Resp: 98756

Ion Ratio Lower Upper

63 100

65 32.5 24.9 37.3



#46

Dibromomethane

Concen: 21.067 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080508.D

Acq: 04 Sep 2025 11:12

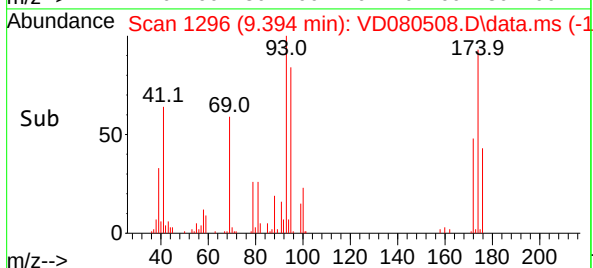
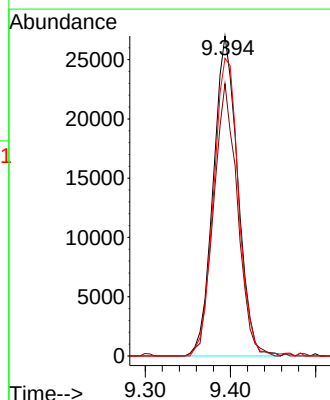
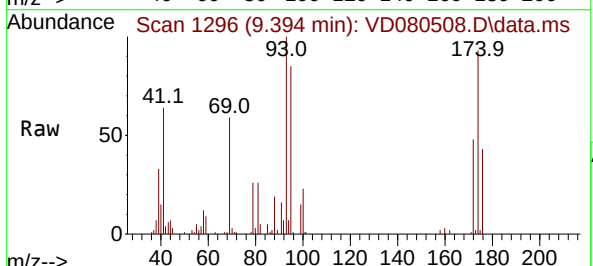
Tgt Ion: 93 Resp: 53724

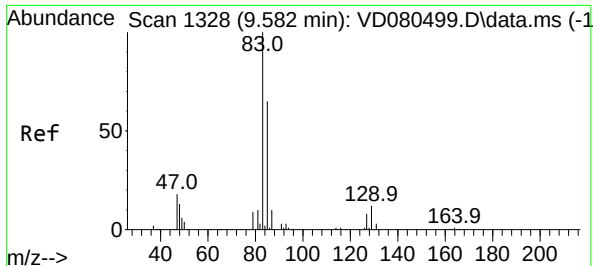
Ion Ratio Lower Upper

93 100

95 83.4 66.3 99.5

174 95.1 74.8 112.2

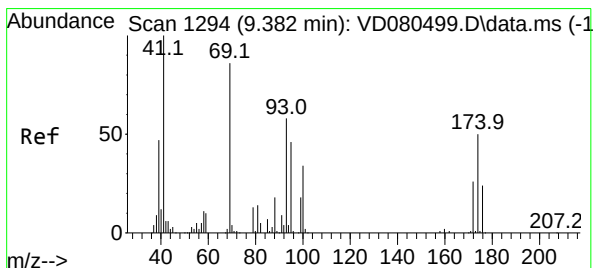
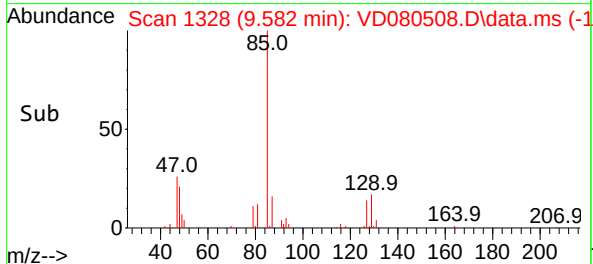
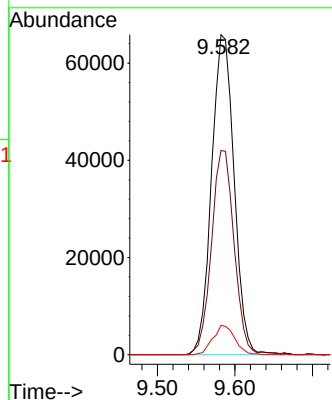
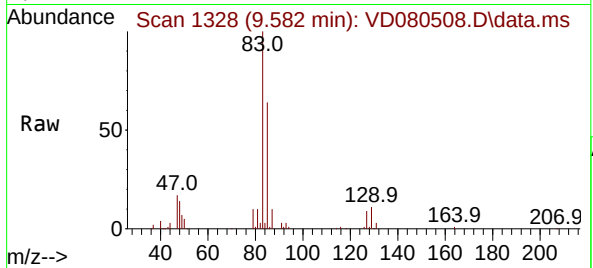




#47
Bromodichloromethane
Concen: 21.388 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

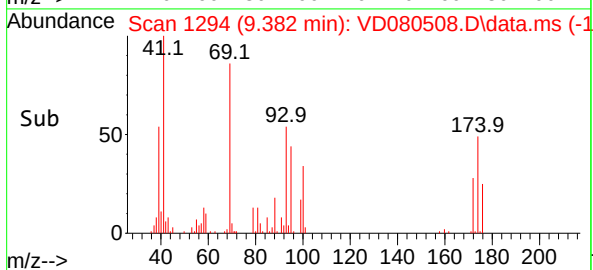
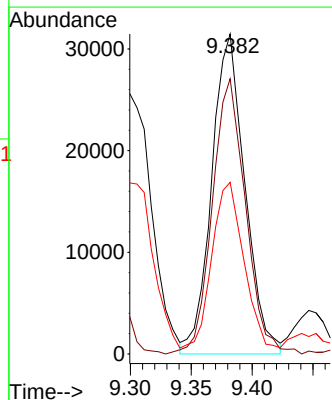
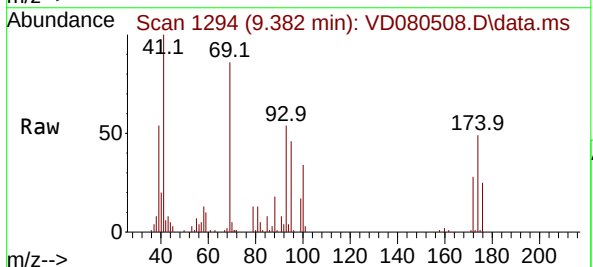
Instrument :
MSVOA_D
ClientSampleId :

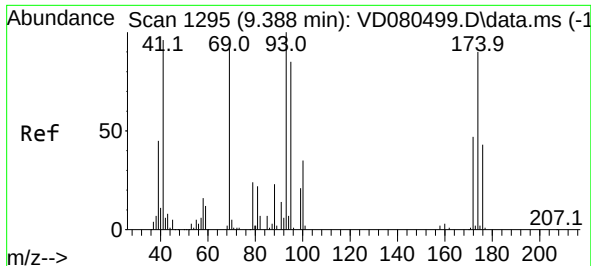
Tgt Ion: 83 Resp: 132967
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.2
127 9.1 6.6 9.8



#48
Methyl methacrylate
Concen: 20.420 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion: 41 Resp: 59730
Ion Ratio Lower Upper
41 100
69 85.9 68.7 103.1
39 49.9 36.5 54.7





#49

1,4-Dioxane

Concen: 409.078 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. -0.000 min

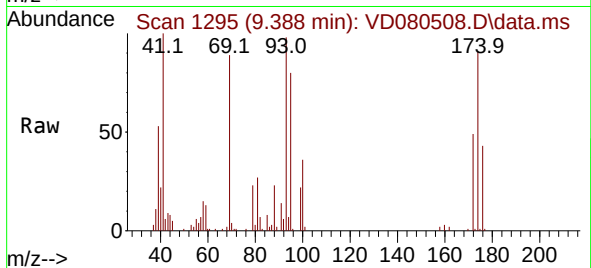
Lab File: VD080508.D

Acq: 04 Sep 2025 11:12

Instrument :

MSVOA_D

ClientSampleId :



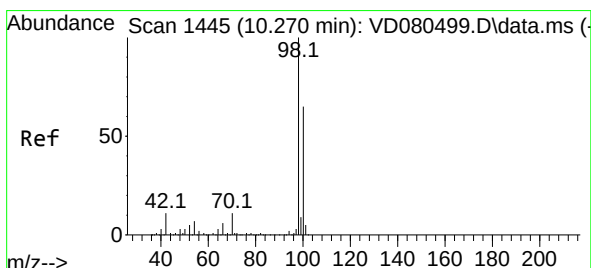
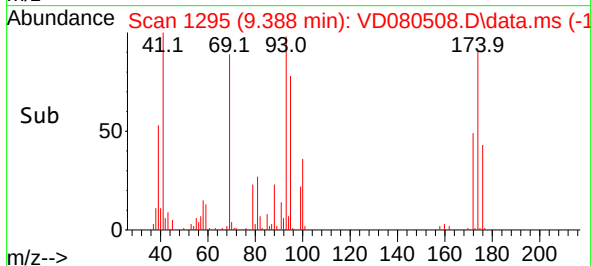
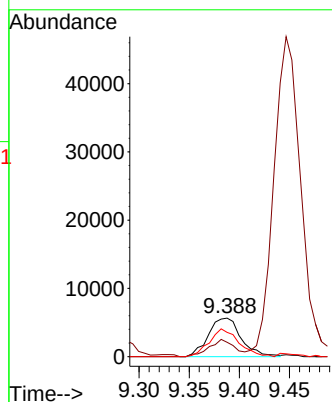
Tgt Ion: 88 Resp: 12897

Ion Ratio Lower Upper

88 100

43 34.6 26.1 39.1

58 64.7 54.2 81.2



#50

Toluene-d8

Concen: 49.477 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080508.D

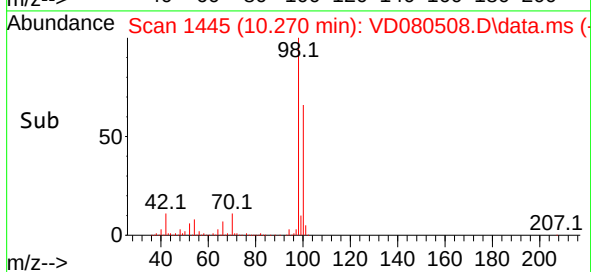
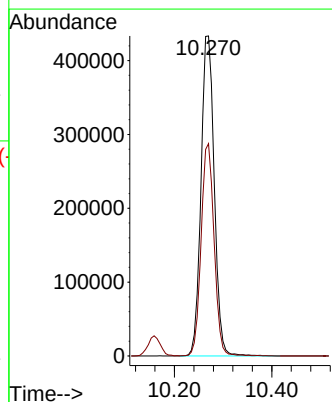
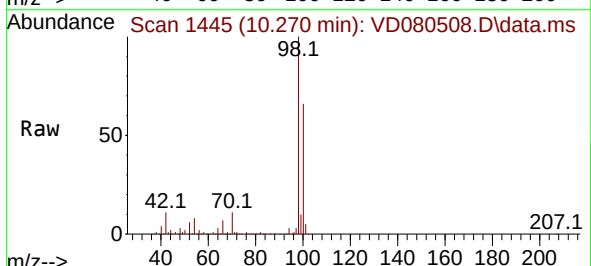
Acq: 04 Sep 2025 11:12

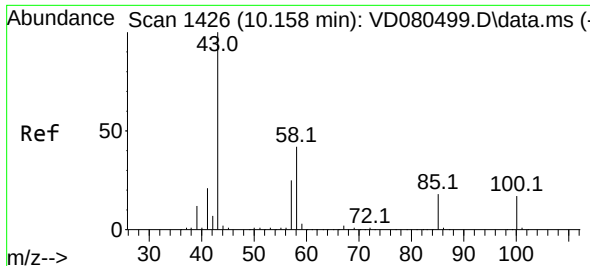
Tgt Ion: 98 Resp: 819385

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6

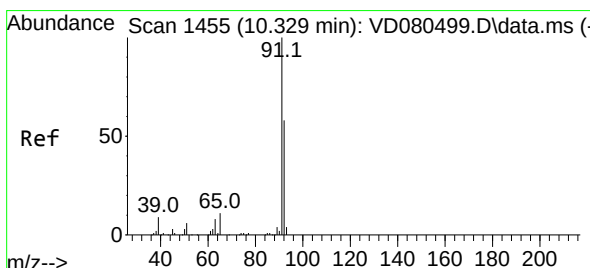
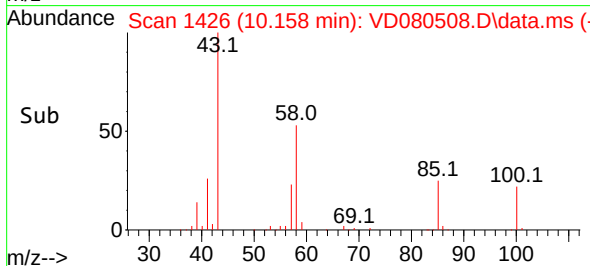
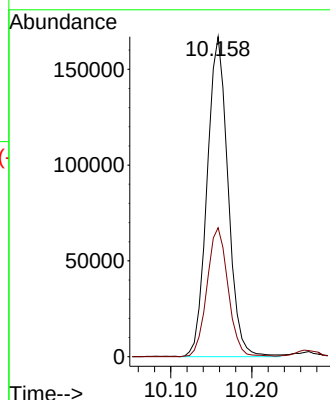
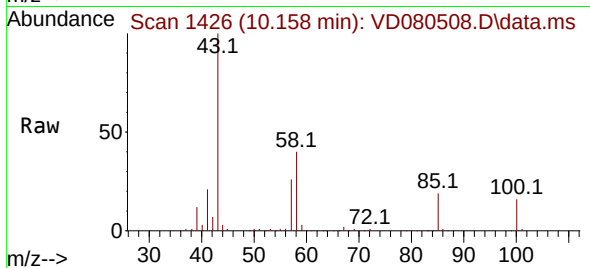




#51
4-Methyl-2-Pentanone
Concen: 101.497 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

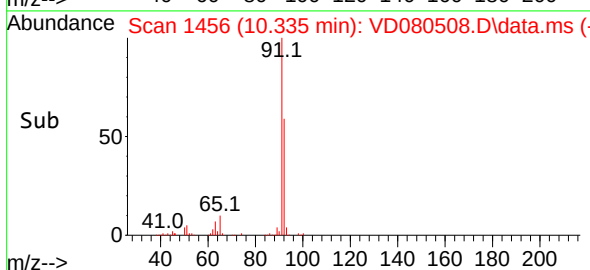
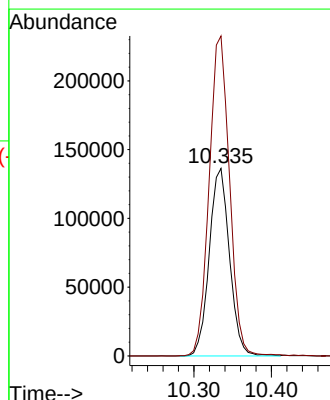
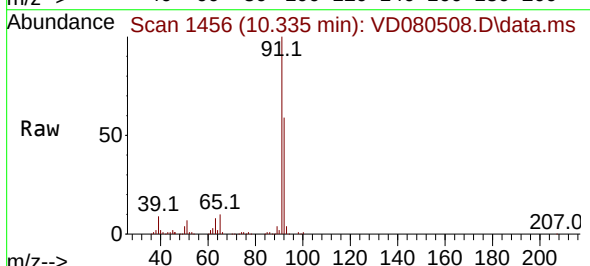
Instrument :
MSVOA_D
ClientSampleId :

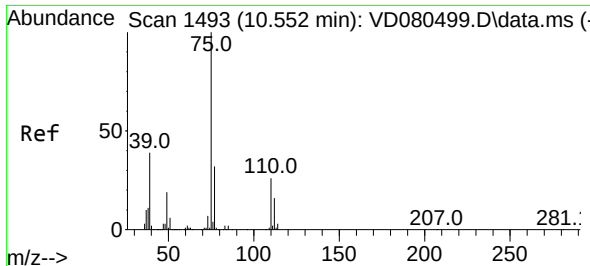
Tgt Ion: 43 Resp: 298671
Ion Ratio Lower Upper
43 100
58 40.7 32.8 49.2



#52
Toluene
Concen: 20.671 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion: 92 Resp: 247421
Ion Ratio Lower Upper
92 100
91 171.8 138.8 208.2

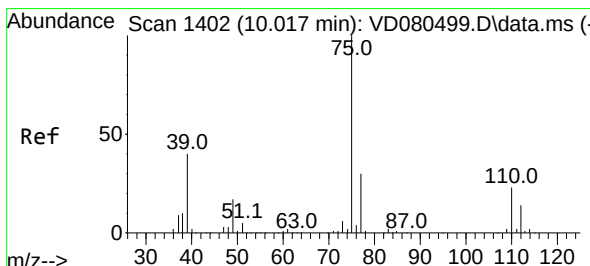
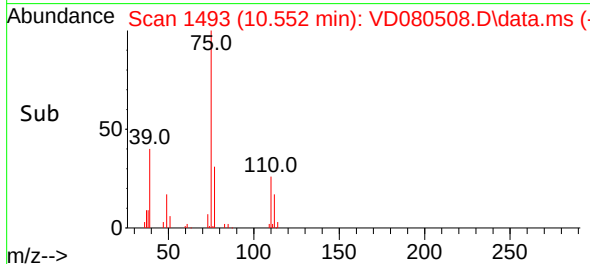
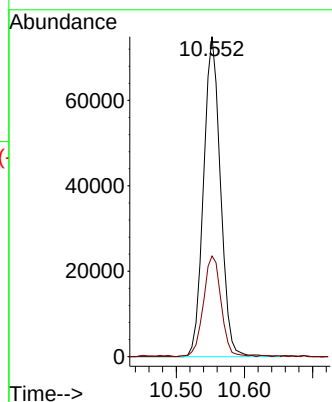
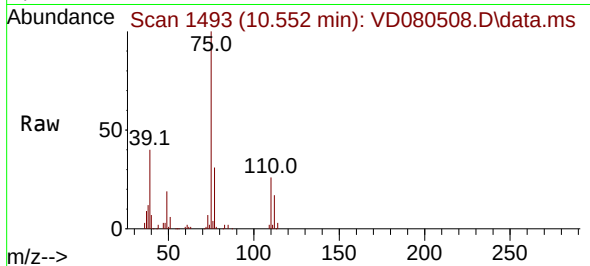




#53
t-1,3-Dichloropropene
Concen: 20.396 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

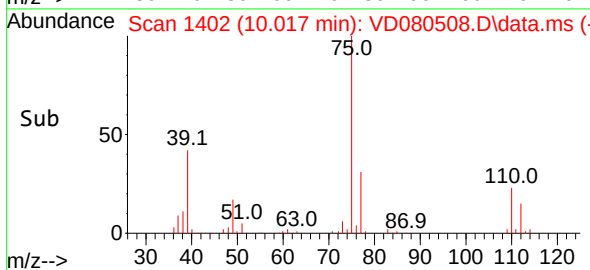
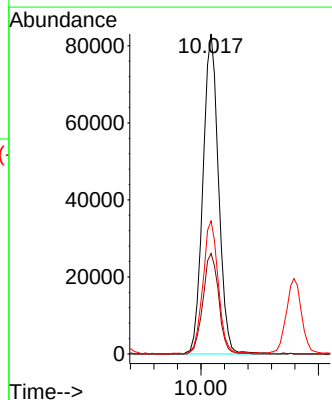
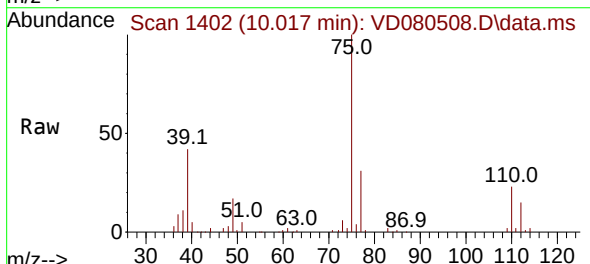
Instrument :
MSVOA_D
ClientSampleId :

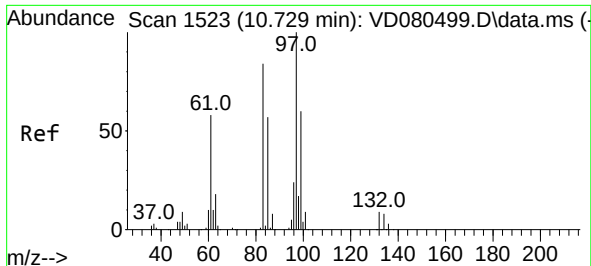
Tgt Ion: 75 Resp: 129227
Ion Ratio Lower Upper
75 100
77 31.2 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 20.192 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion: 75 Resp: 152990
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 41.3 31.8 47.6

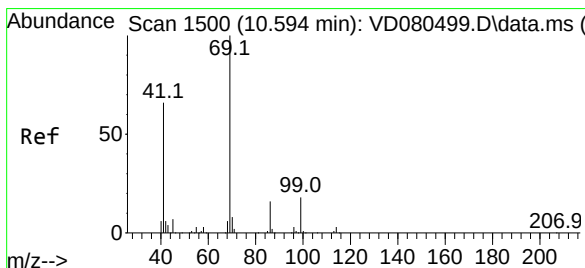
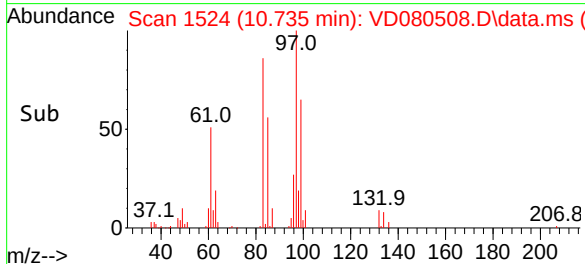
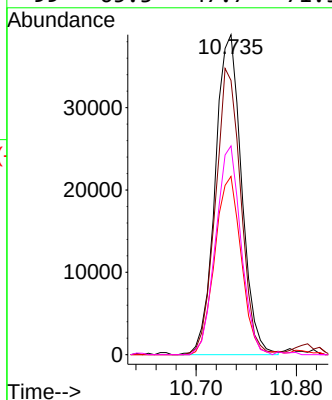
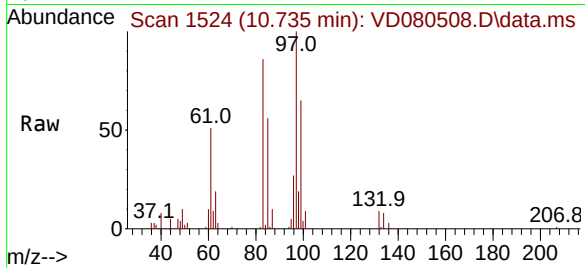




#55
1,1,2-Trichloroethane
Concen: 20.749 ug/l
RT: 10.735 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

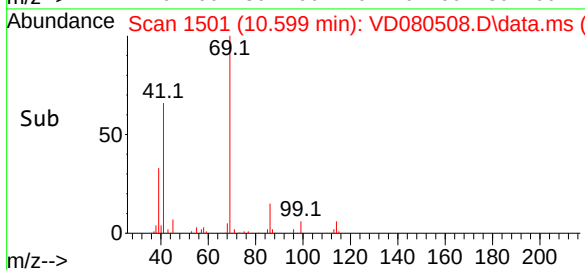
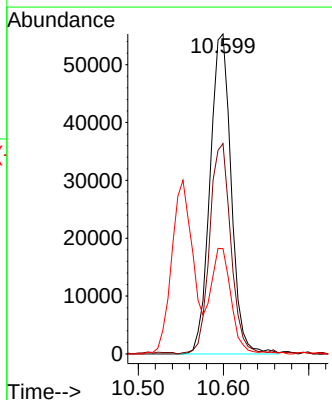
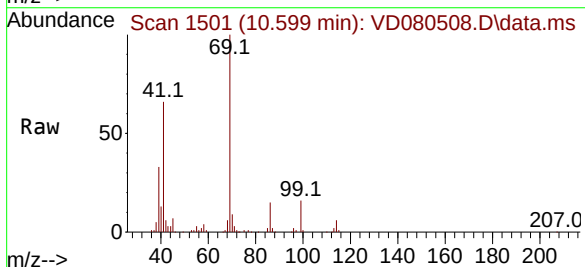
Instrument :
MSVOA_D
ClientSampleId :

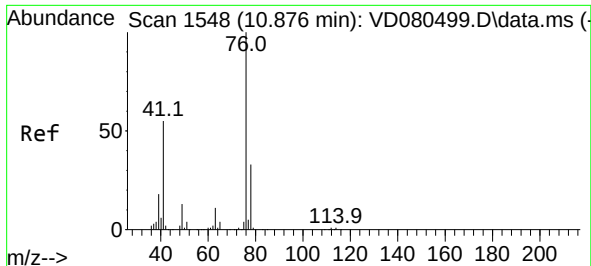
Tgt Ion: 97	Resp: 70944
Ion Ratio	Lower Upper
97 100	
83 85.7	67.0 100.6
85 55.7	45.6 68.4
99 65.3	47.7 71.5



#56
Ethyl methacrylate
Concen: 20.036 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion: 69	Resp: 95448
Ion Ratio	Lower Upper
69 100	
41 66.1	51.9 77.9
39 32.1	23.6 35.4





#57

1,3-Dichloropropane

Concen: 21.015 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VD080508.D

Acq: 04 Sep 2025 11:12

Instrument :

MSVOA_D

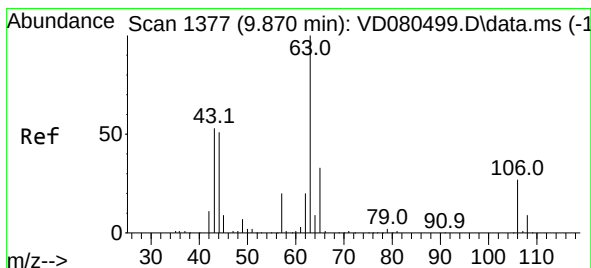
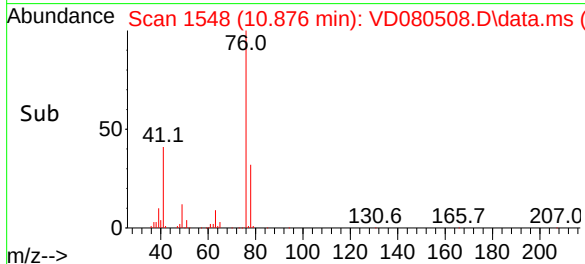
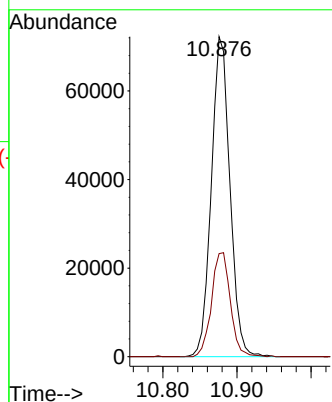
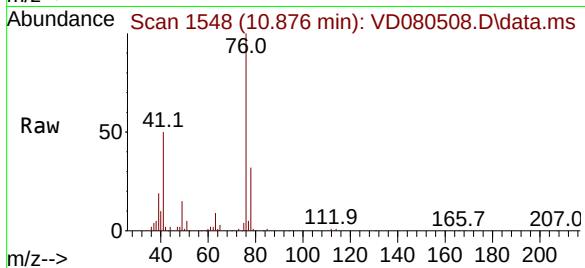
ClientSampleId :

Tgt Ion: 76 Resp: 126103

Ion Ratio Lower Upper

76 100

78 33.0 26.9 40.3



#58

2-Chloroethyl Vinyl ether

Concen: 98.638 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080508.D

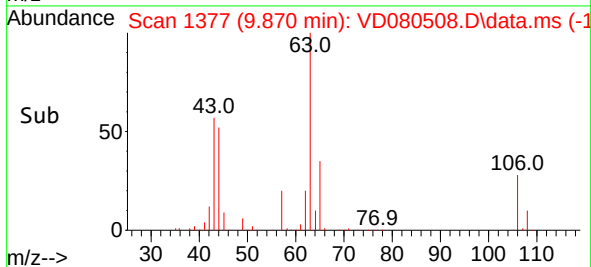
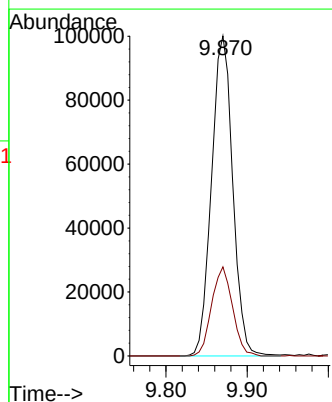
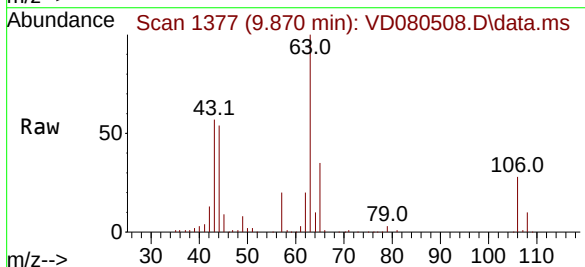
Acq: 04 Sep 2025 11:12

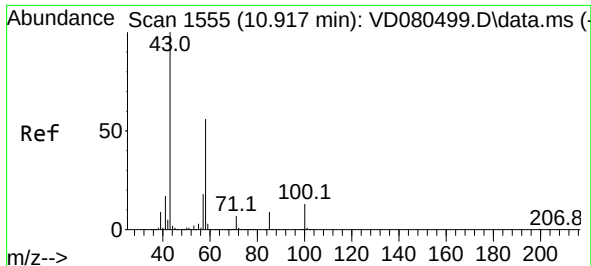
Tgt Ion: 63 Resp: 181836

Ion Ratio Lower Upper

63 100

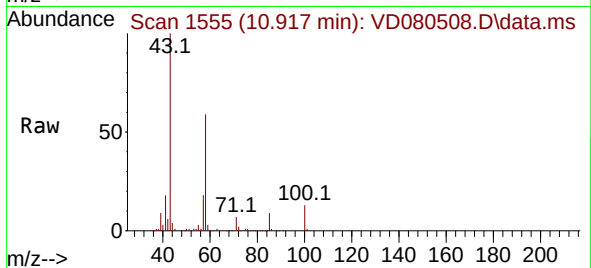
106 27.3 22.1 33.1



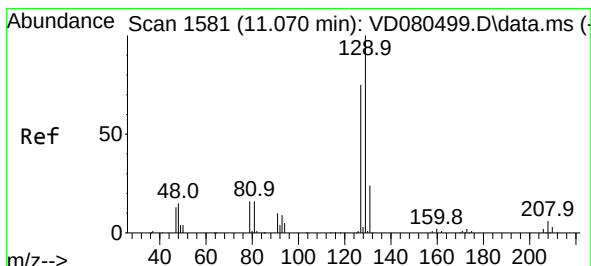
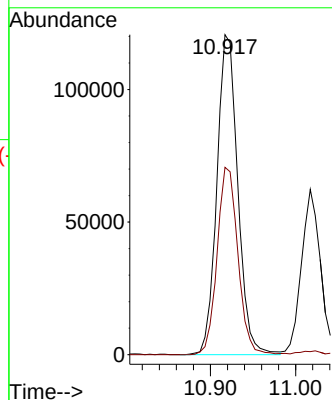
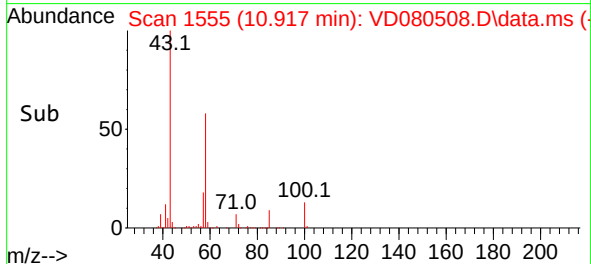


#59
2-Hexanone
Concen: 98.445 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Instrument :
MSVOA_D
ClientSampleId :

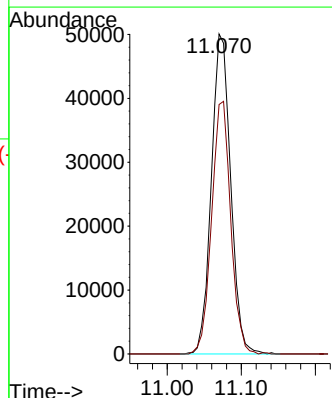
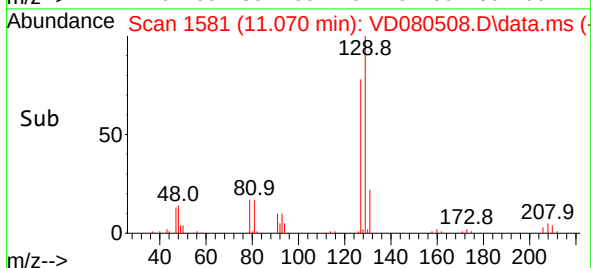
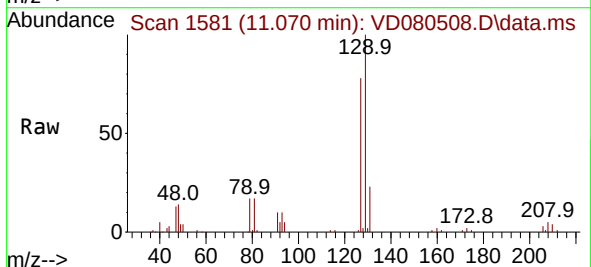


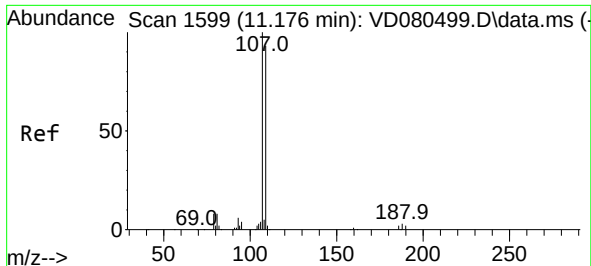
Tgt Ion: 43 Resp: 205831
Ion Ratio Lower Upper
43 100
58 58.3 28.3 85.0



#60
Dibromochloromethane
Concen: 21.008 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion: 129 Resp: 90524
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.7

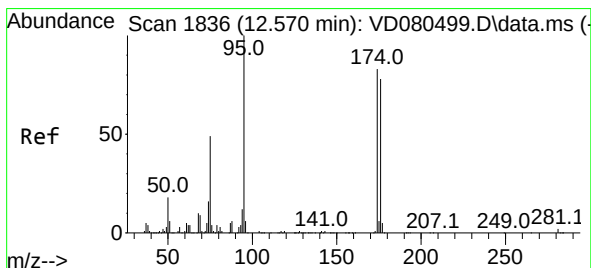
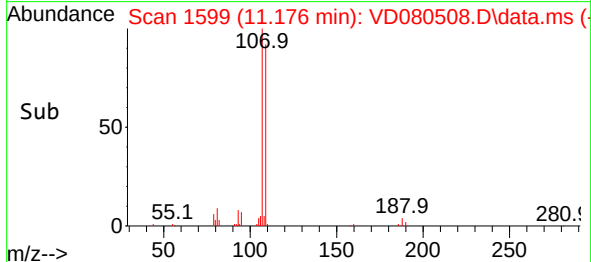
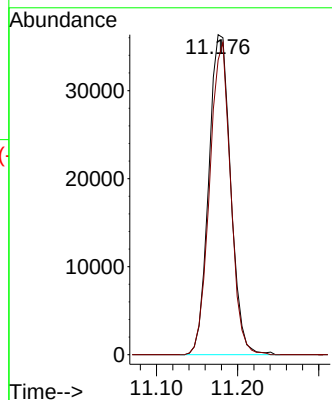
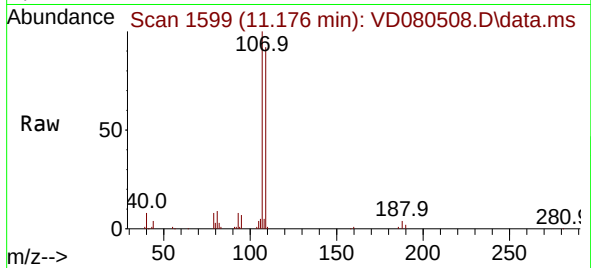




#61
1,2-Dibromoethane
Concen: 20.964 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

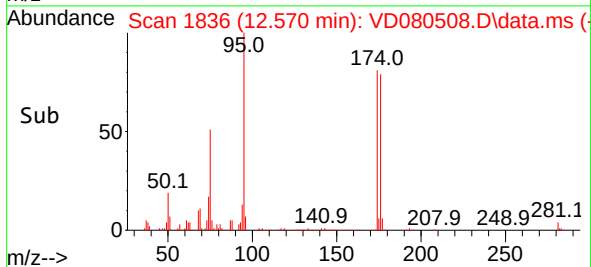
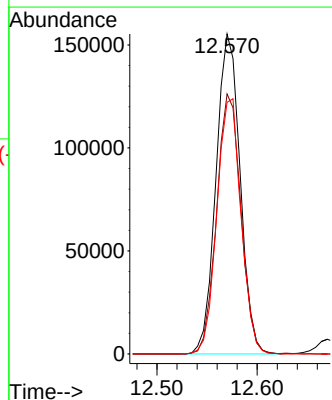
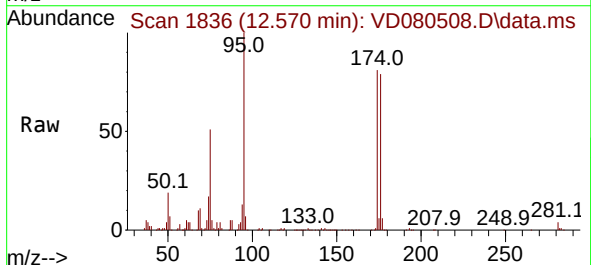
Instrument :
MSVOA_D
ClientSampleId :

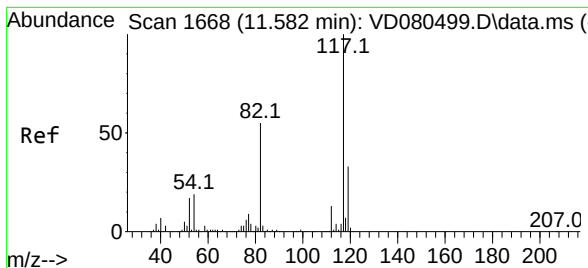
Tgt Ion:107 Resp: 68203
Ion Ratio Lower Upper
107 100
109 93.3 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 49.605 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

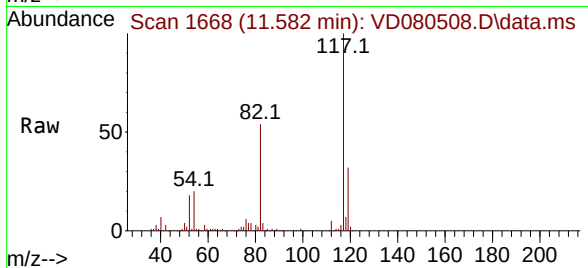
Tgt Ion: 95 Resp: 258602
Ion Ratio Lower Upper
95 100
174 82.1 0.0 162.6
176 80.0 0.0 156.0



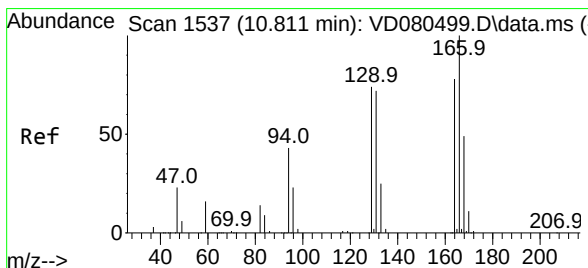
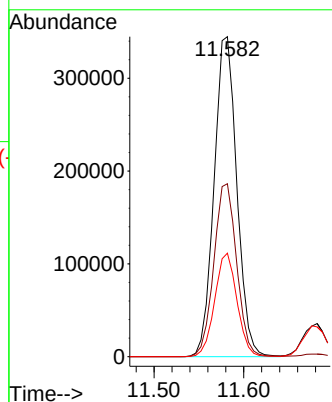
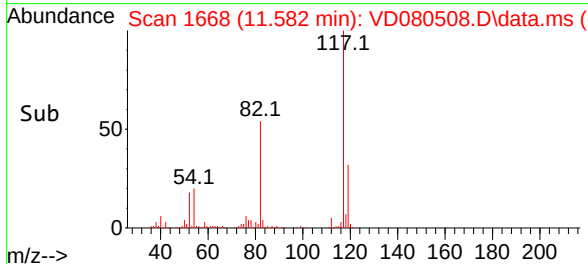


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

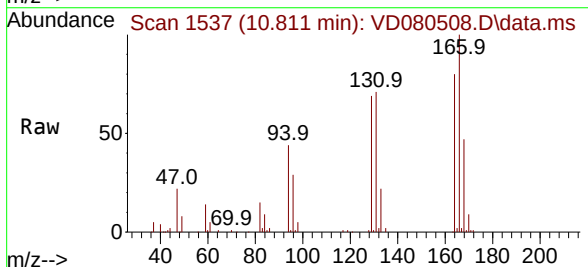
Instrument :
MSVOA_D
ClientSampleId :



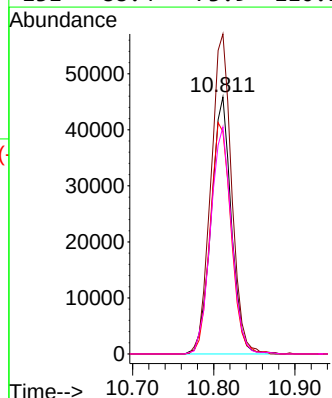
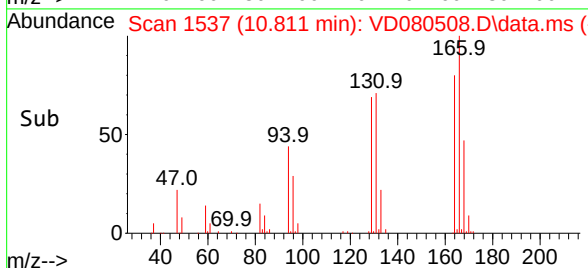
Tgt Ion:117 Resp: 606530
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.6
119 32.3 26.1 39.1

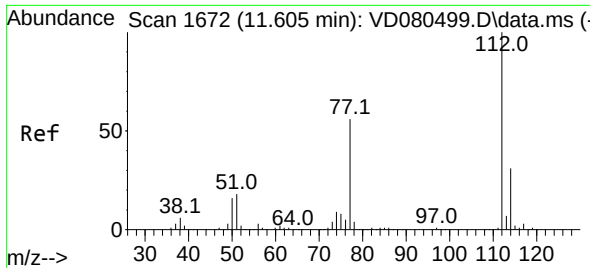


#64
Tetrachloroethene
Concen: 21.069 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12



Tgt Ion:164 Resp: 78919
Ion Ratio Lower Upper
164 100
166 124.5 103.1 154.7
129 86.5 76.2 114.2
131 88.4 73.9 110.9

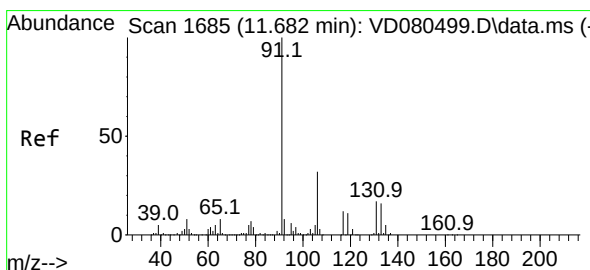
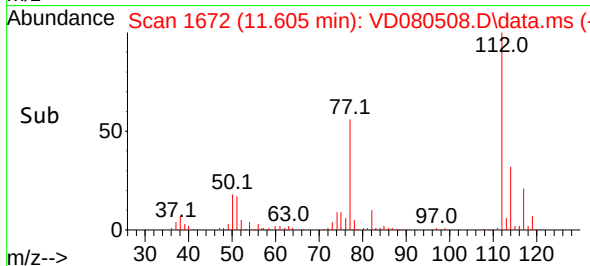
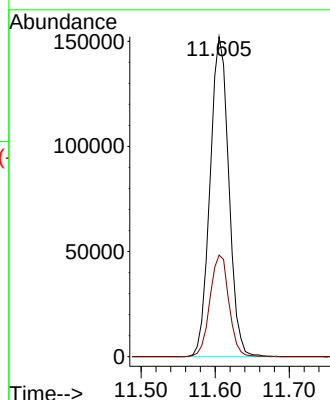
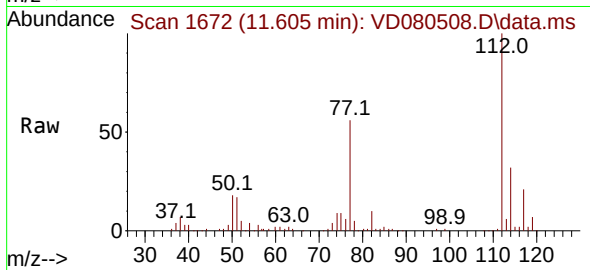




#65
Chlorobenzene
Concen: 20.683 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

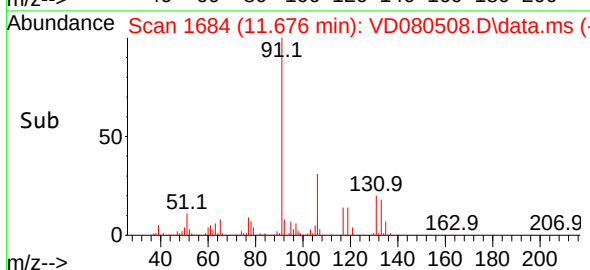
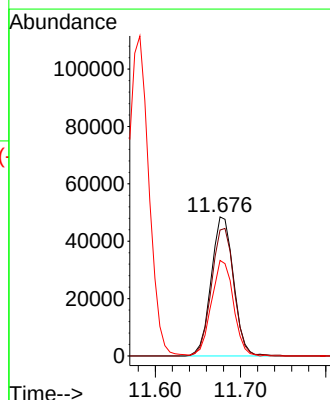
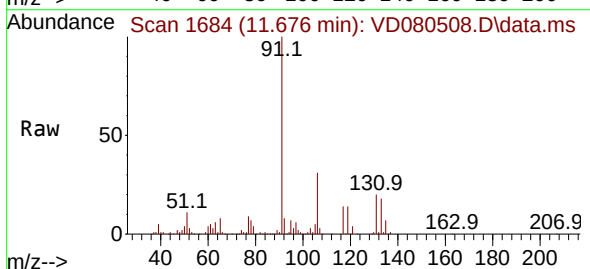
Instrument :
MSVOA_D
ClientSampleId :

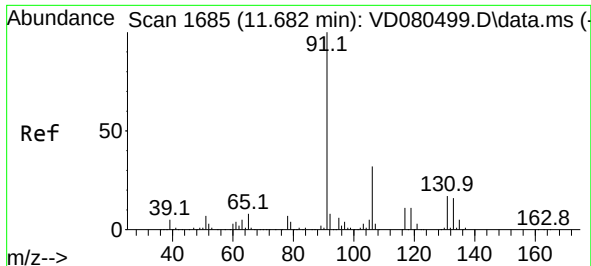
Tgt Ion:112 Resp: 267322
Ion Ratio Lower Upper
112 100
114 31.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.463 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion:131 Resp: 88483
Ion Ratio Lower Upper
131 100
133 92.7 47.8 143.3
119 67.5 34.6 103.9





#67

Ethyl Benzene

Concen: 20.659 ug/l

RT: 11.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080508.D

Acq: 04 Sep 2025 11:12

Instrument :

MSVOA_D

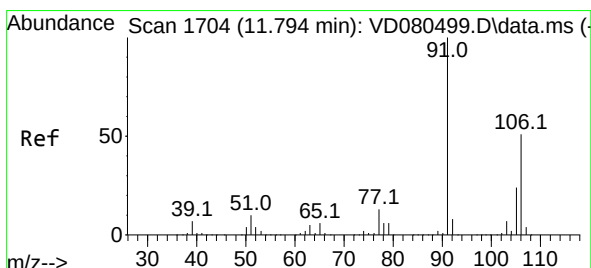
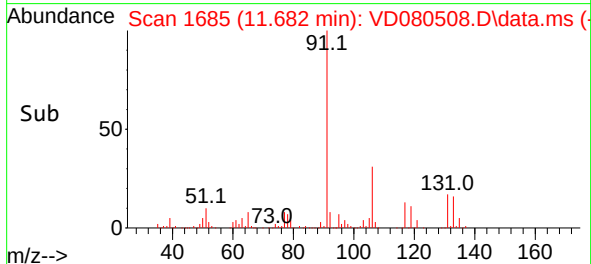
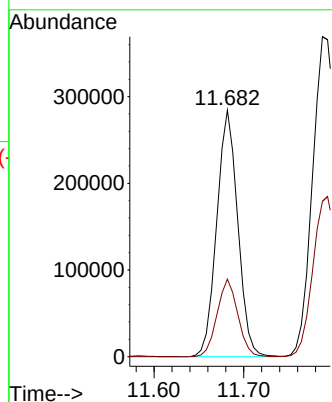
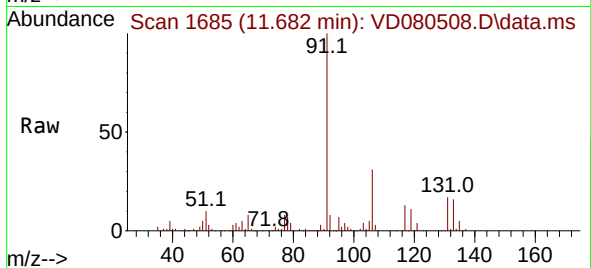
ClientSampleId :

Tgt Ion: 91 Resp: 462161

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.0



#68

m/p-Xylenes

Concen: 41.532 ug/l

RT: 11.794 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VD080508.D

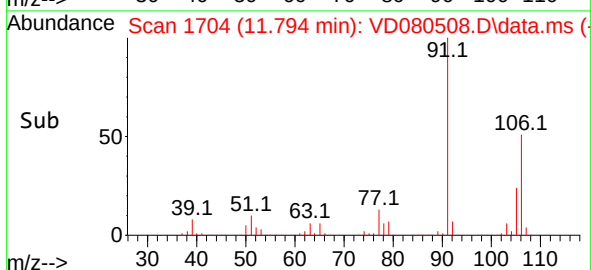
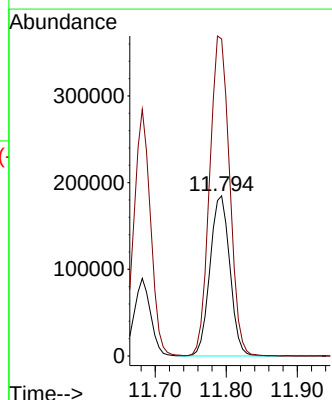
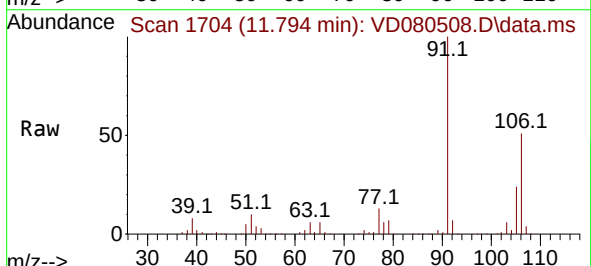
Acq: 04 Sep 2025 11:12

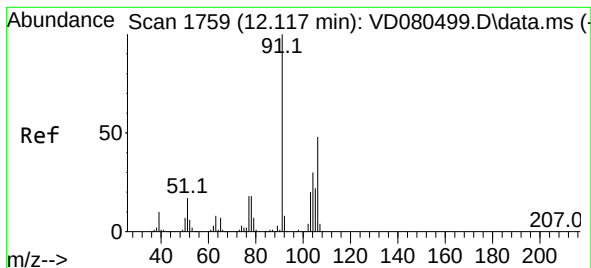
Tgt Ion:106 Resp: 357745

Ion Ratio Lower Upper

106 100

91 201.2 158.5 237.7

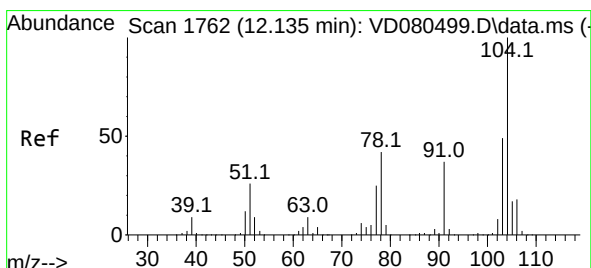
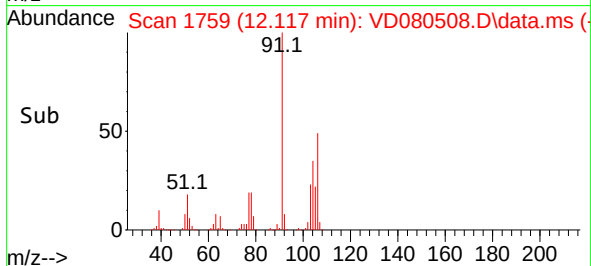
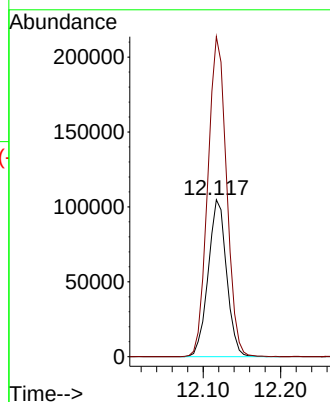
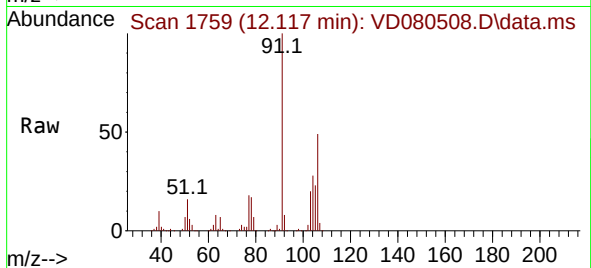




#69
o-Xylene
Concen: 21.011 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

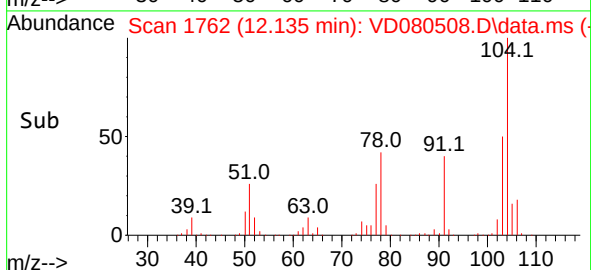
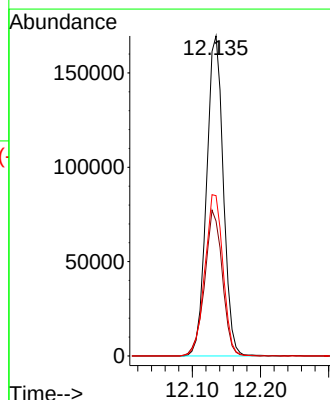
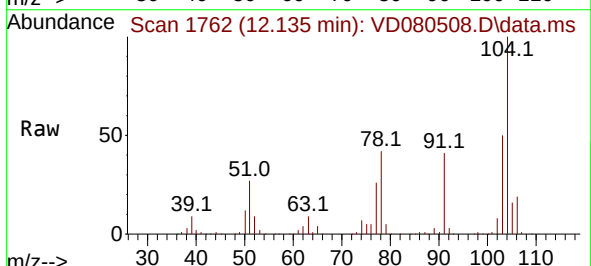
Instrument :
MSVOA_D
ClientSampleId :

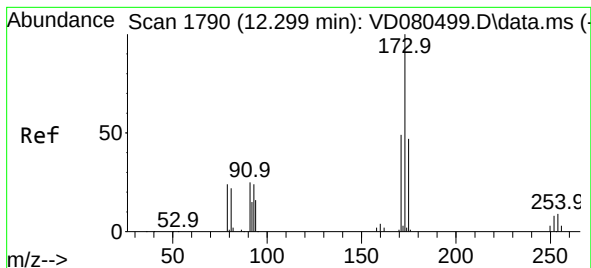
Tgt Ion:106 Resp: 172705
Ion Ratio Lower Upper
106 100
91 208.1 105.3 315.8



#70
Styrene
Concen: 20.714 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion:104 Resp: 289655
Ion Ratio Lower Upper
104 100
78 48.0 37.9 56.9
103 54.5 43.5 65.3





#71

Bromoform

Concen: 21.792 ug/l

RT: 12.299 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD080508.D

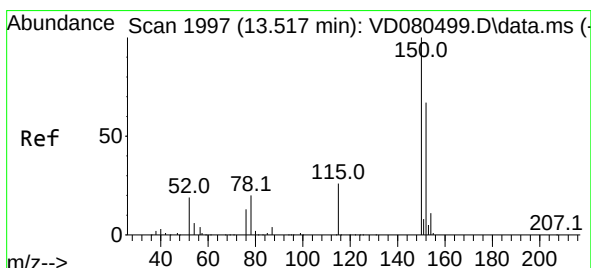
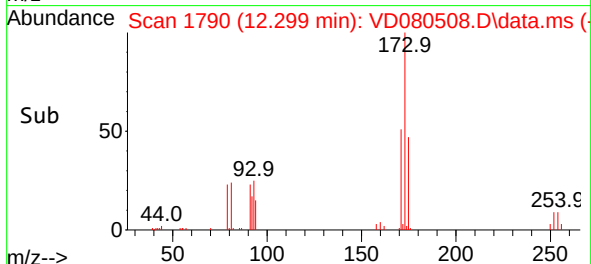
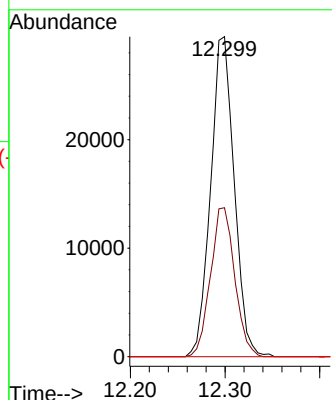
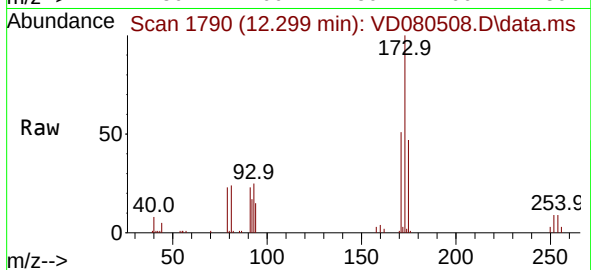
Acq: 04 Sep 2025 11:12

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	173	Resp:	51059
Ion Ratio	Lower	Upper	
173	100		
175	47.8	23.9	71.7
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

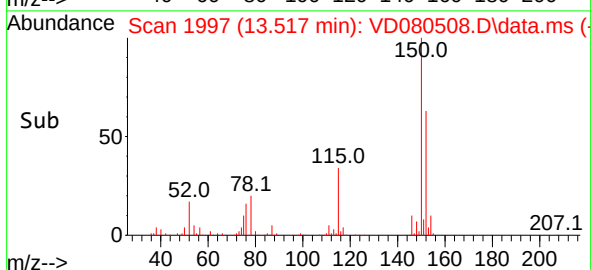
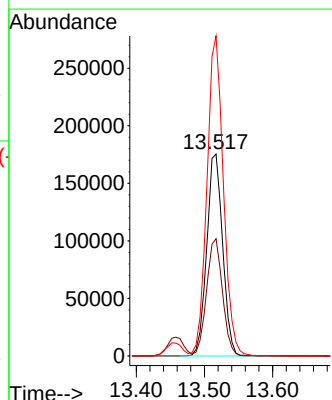
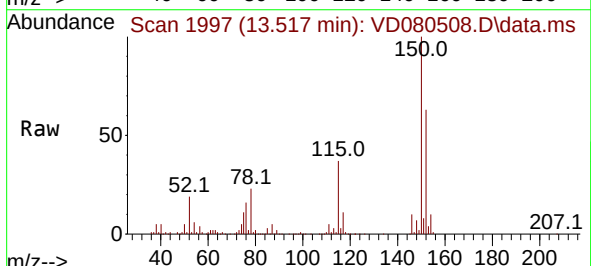
RT: 13.517 min Scan# 1997

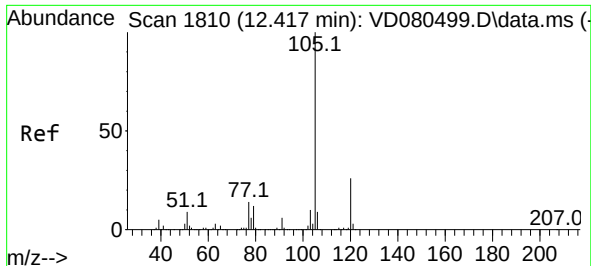
Delta R.T. -0.000 min

Lab File: VD080508.D

Acq: 04 Sep 2025 11:12

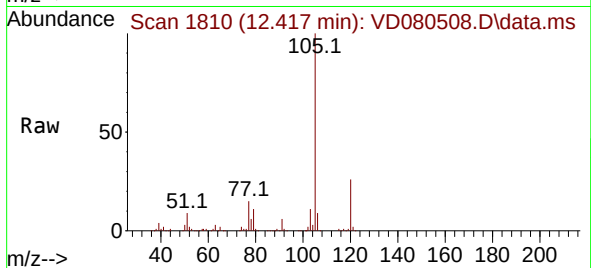
Tgt Ion:	152	Resp:	285114
Ion Ratio	Lower	Upper	
152	100		
115	58.1	29.0	87.0
150	163.6	0.0	345.0



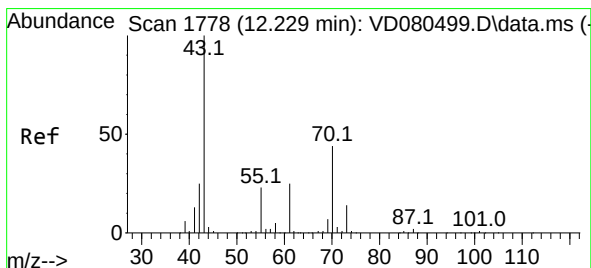
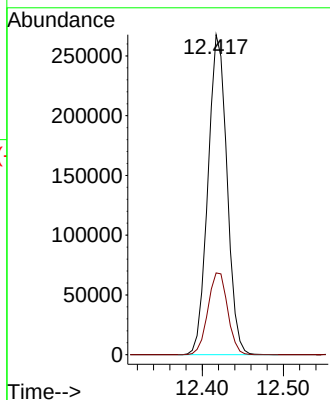
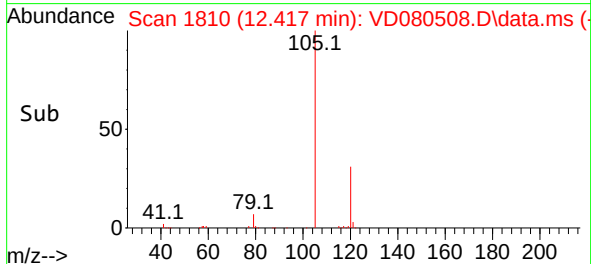


#73
Isopropylbenzene
Concen: 20.839 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

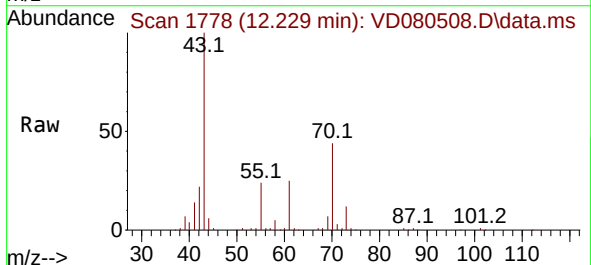
Instrument :
MSVOA_D
ClientSampleId :



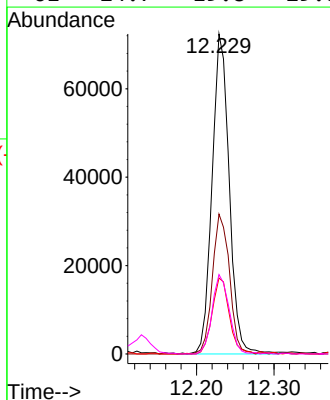
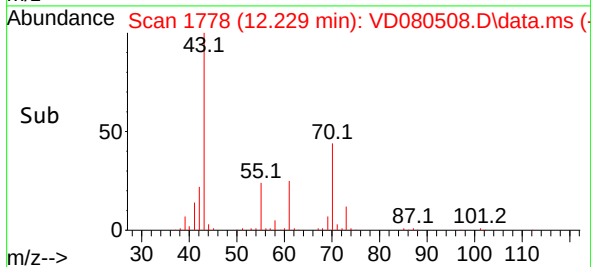
Tgt Ion:105 Resp: 435311
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

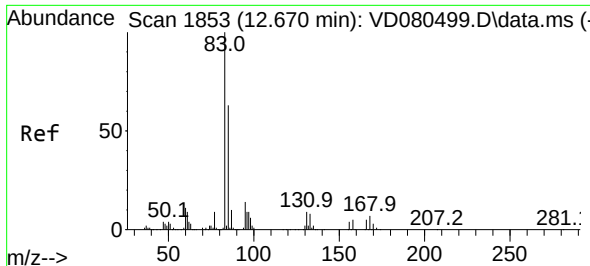


#74
N-ethyl acetate
Concen: 20.091 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12



Tgt Ion: 43 Resp: 111371
Ion Ratio Lower Upper
43 100
70 43.6 35.4 53.0
55 23.7 18.6 28.0
61 24.7 19.8 29.8

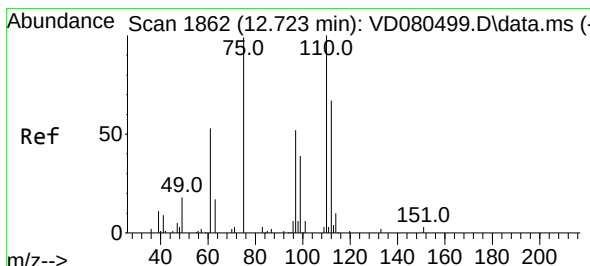
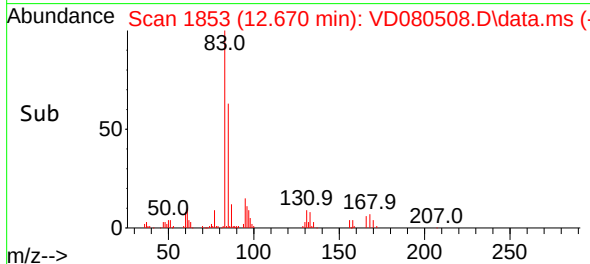
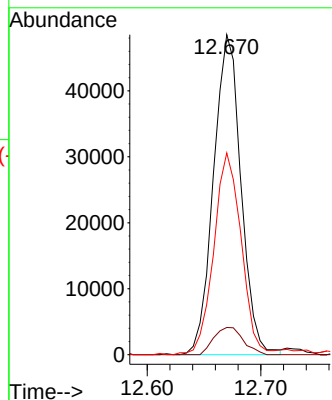
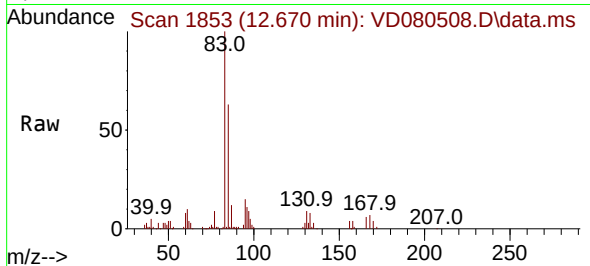




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.019 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12

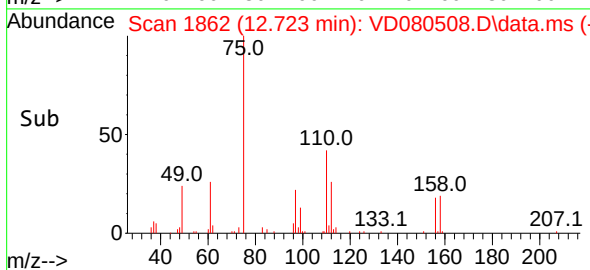
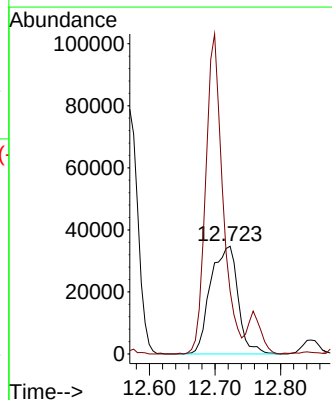
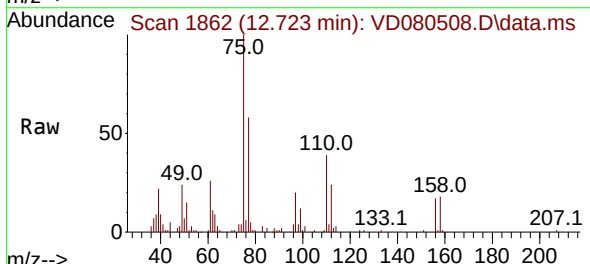
Instrument :
 MSVOA_D
 ClientSampleId :

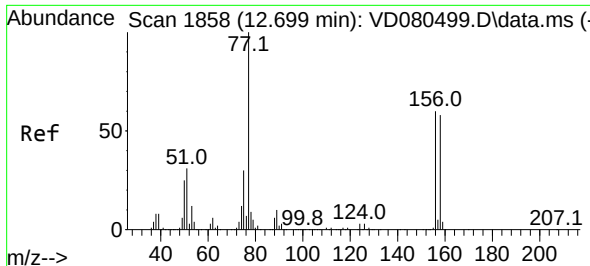
Tgt Ion: 83 Resp: 81634
 Ion Ratio Lower Upper
 83 100
 131 9.1 5.0 15.0
 85 62.8 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 43.348 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12

Tgt Ion: 75 Resp: 100869
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

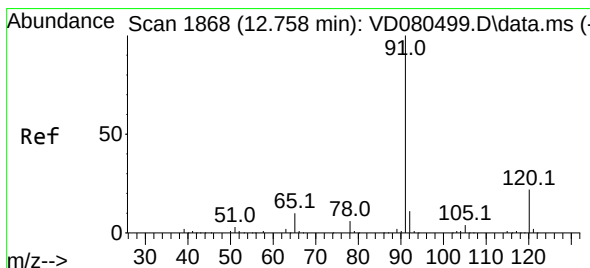
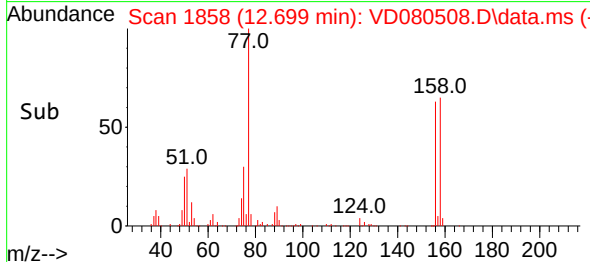
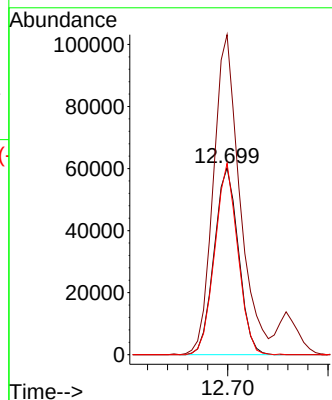
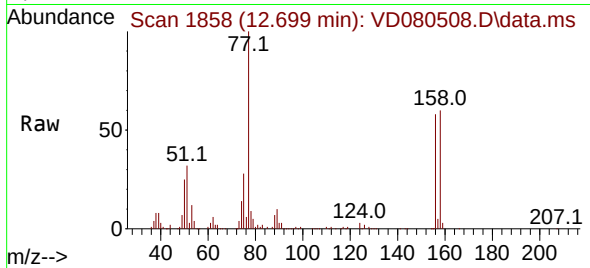




#77
Bromobenzene
Concen: 20.887 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

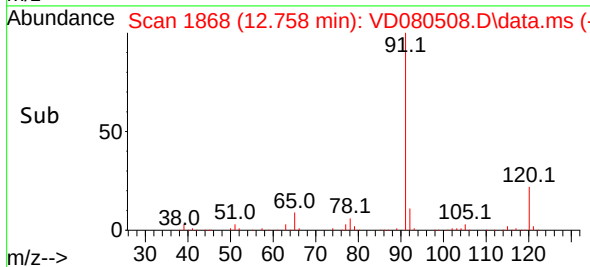
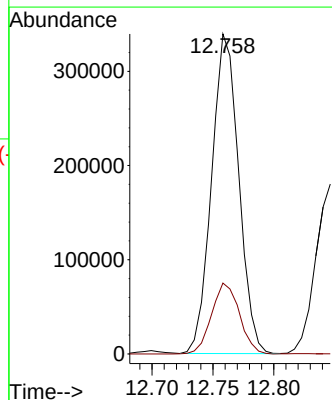
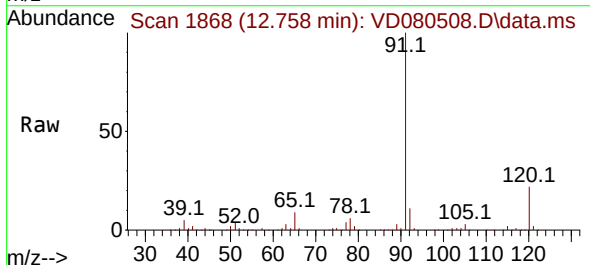
Instrument :
MSVOA_D
ClientSampleId :

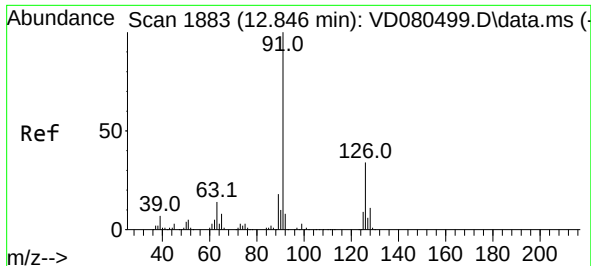
Tgt Ion:156 Resp: 100951
Ion Ratio Lower Upper
156 100
77 186.6 92.5 277.3
158 97.5 47.9 143.6



#78
n-propylbenzene
Concen: 20.760 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion: 91 Resp: 526599
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9

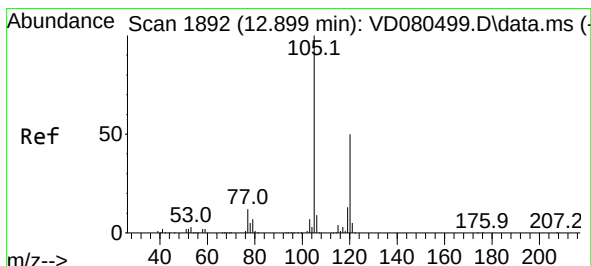
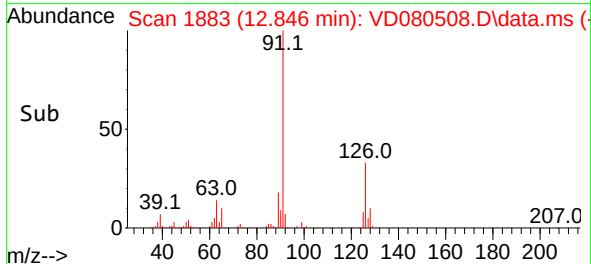
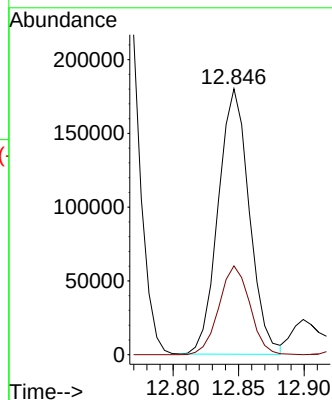
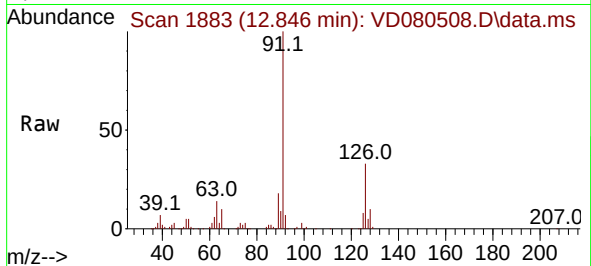




#79
2-Chlorotoluene
Concen: 20.569 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

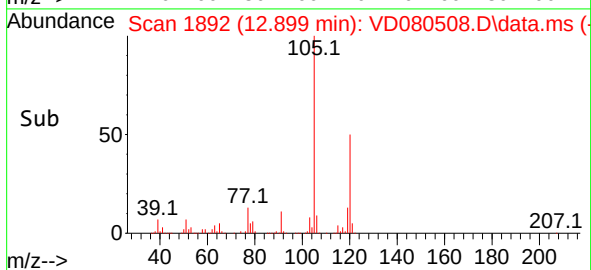
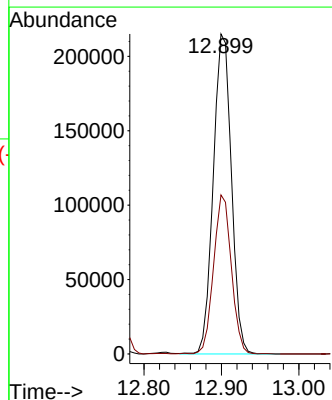
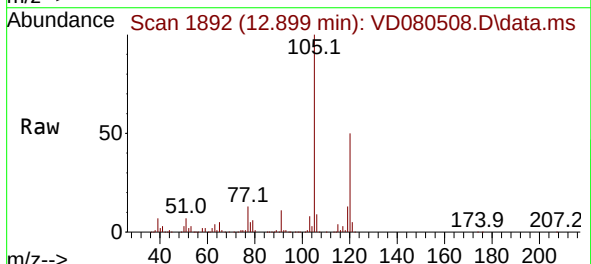
Instrument :
MSVOA_D
ClientSampleId :

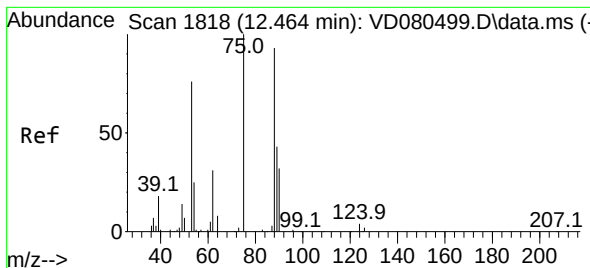
Tgt Ion: 91 Resp: 297311
Ion Ratio Lower Upper
91 100
126 33.0 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 20.655 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion: 105 Resp: 350611
Ion Ratio Lower Upper
105 100
120 48.8 24.7 74.1

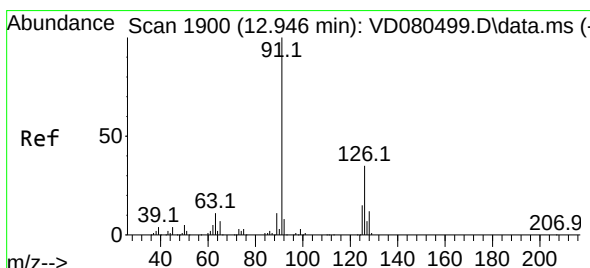
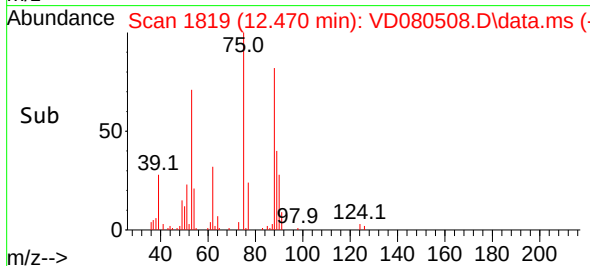
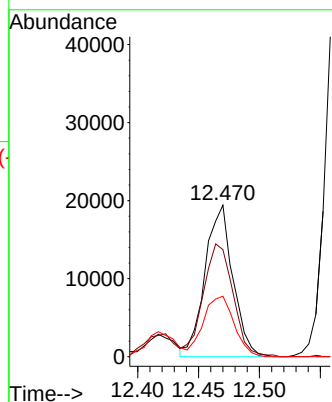
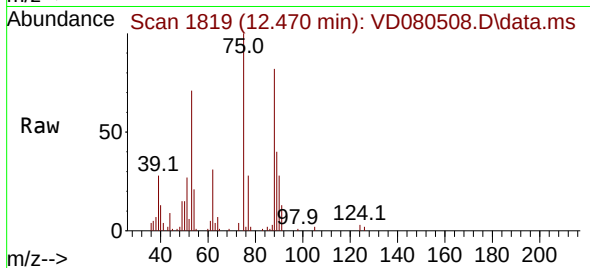




#81
trans-1,4-Dichloro-2-butene
Concen: 20.174 ug/l
RT: 12.470 min Scan# 1818
Delta R.T. 0.006 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

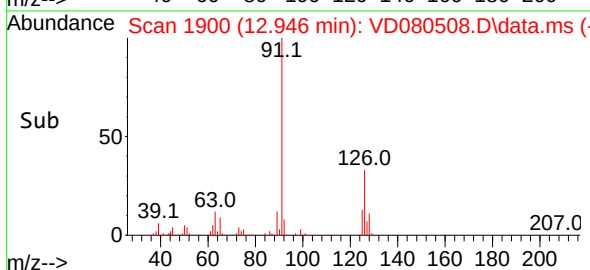
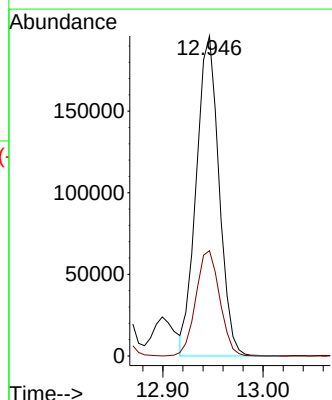
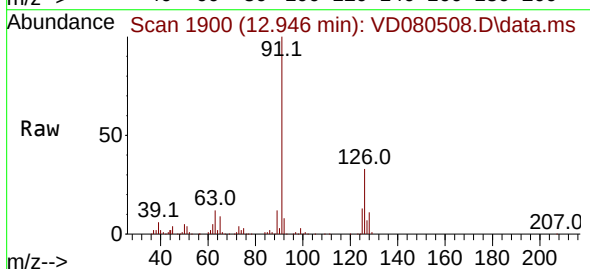
Instrument :
MSVOA_D
ClientSampleId :

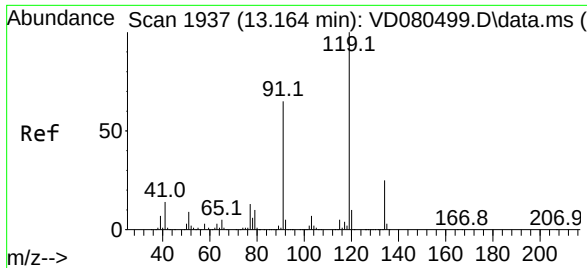
Tgt Ion: 75 Resp: 30930
Ion Ratio Lower Upper
75 100
53 80.1 61.9 92.9
89 43.9 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.818 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion: 91 Resp: 309508
Ion Ratio Lower Upper
91 100
126 34.5 16.9 50.7

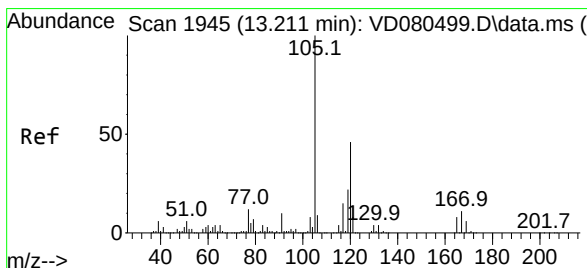
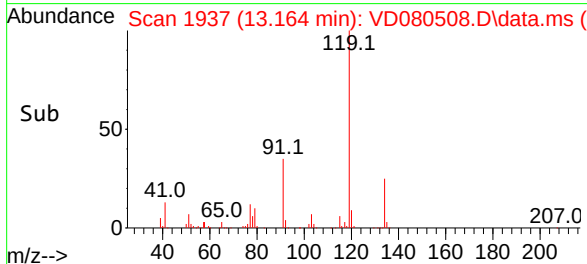
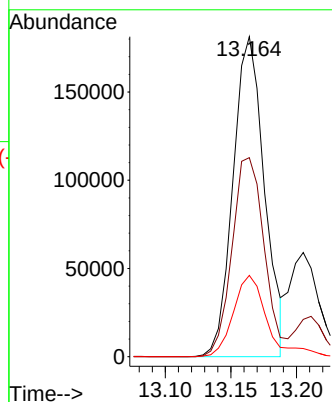
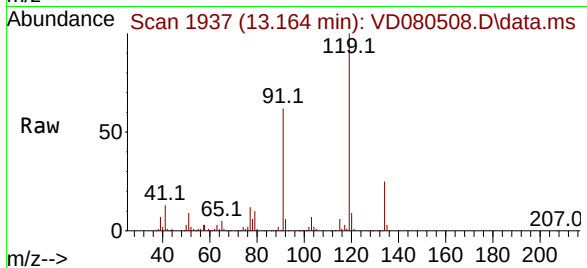




#83
 tert-Butylbenzene
 Concen: 20.513 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. -0.000 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12

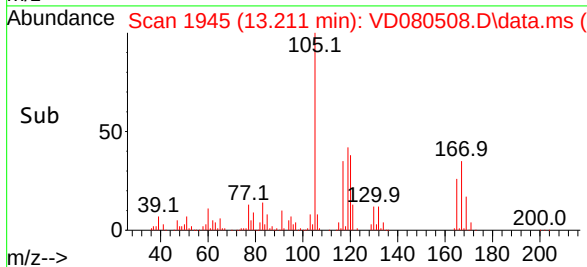
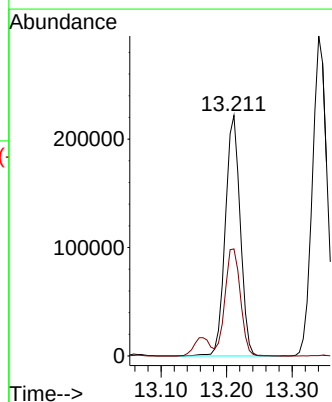
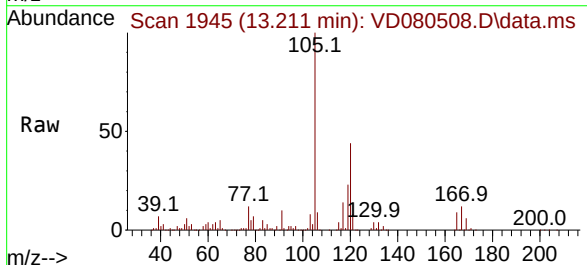
Instrument :
 MSVOA_D
 ClientSampleId :

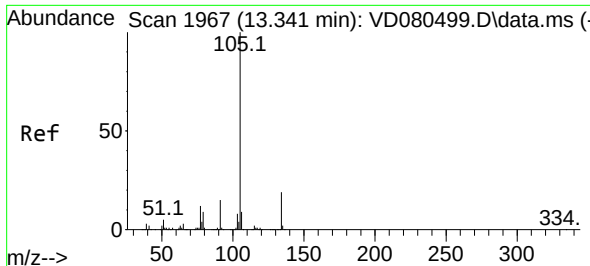
Tgt Ion:119 Resp: 302103
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.0 96.0
 134 27.2 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.423 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12

Tgt Ion:105 Resp: 349060
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.5 67.5

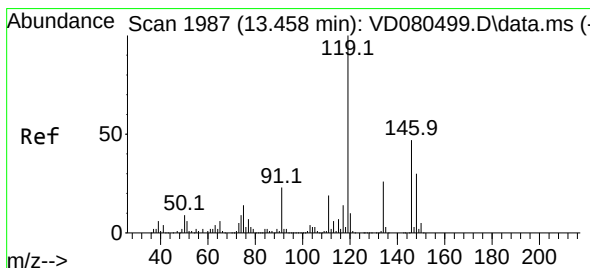
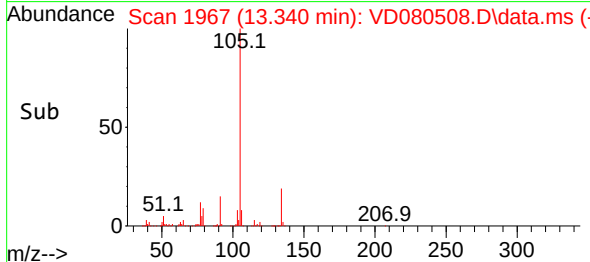
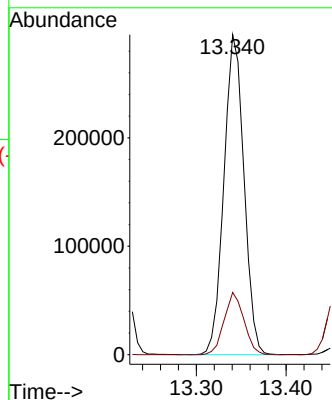
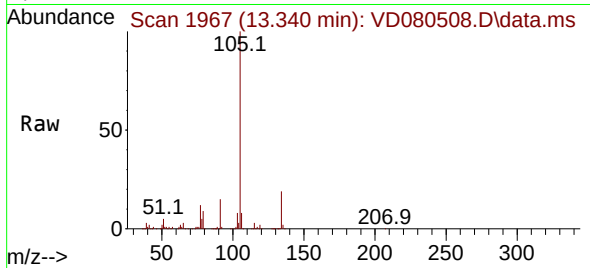




#85
 sec-Butylbenzene
 Concen: 20.829 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12

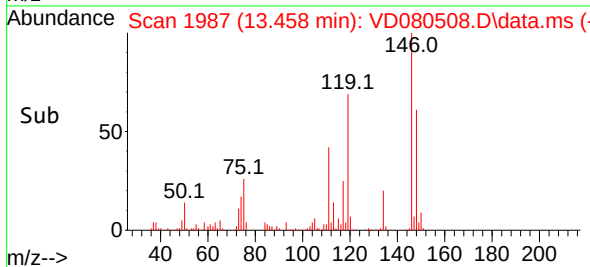
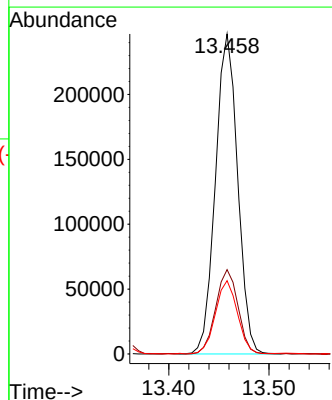
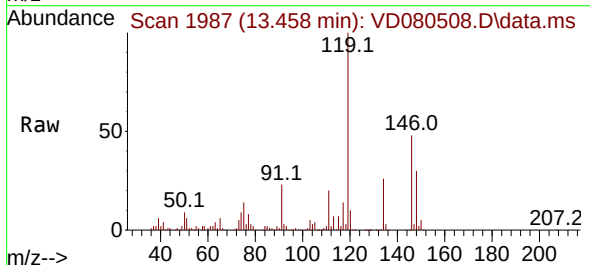
Instrument :
 MSVOA_D
 ClientSampleId :

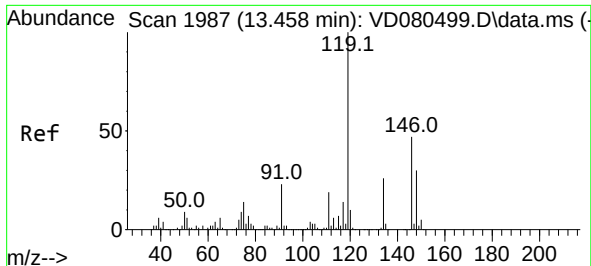
Tgt Ion:105 Resp: 457827
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.584 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12

Tgt Ion:119 Resp: 378472
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 22.6 11.2 33.5

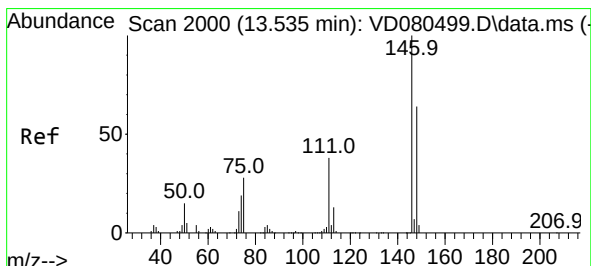
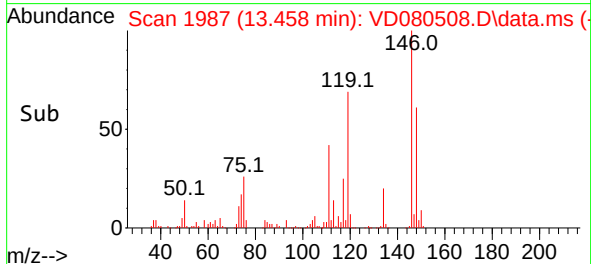
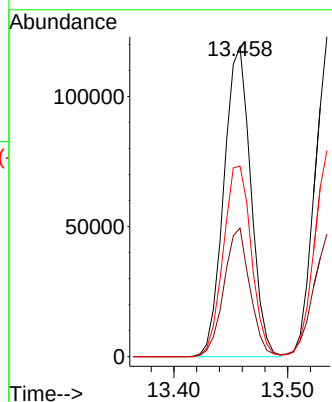
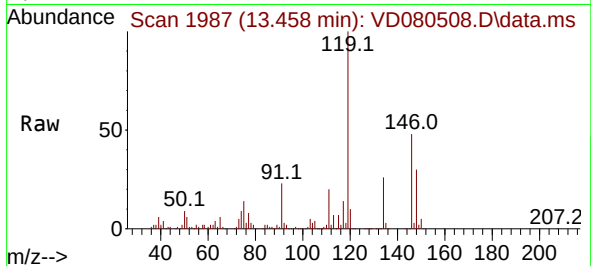




#87
1,3-Dichlorobenzene
Concen: 21.021 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

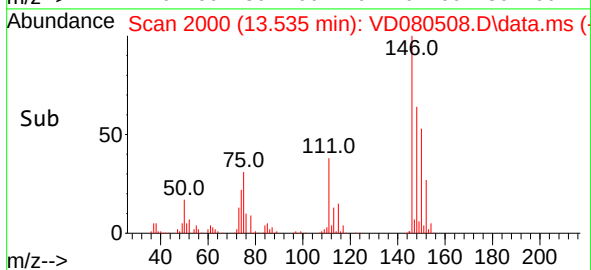
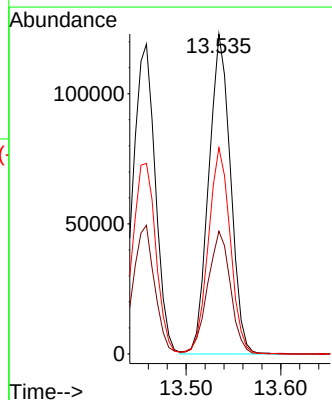
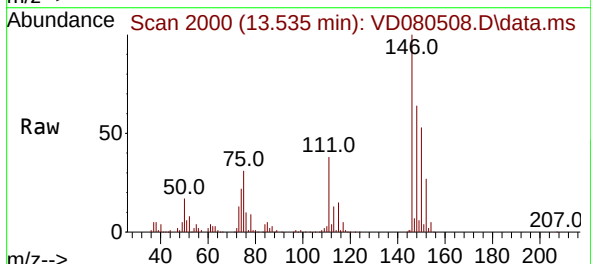
Instrument :
MSVOA_D
ClientSampleId :

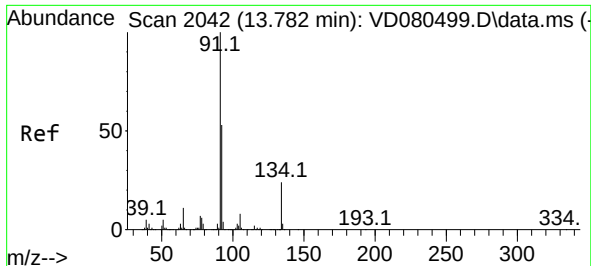
Tgt Ion:146 Resp: 195892
Ion Ratio Lower Upper
146 100
111 40.3 19.9 59.6
148 64.2 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 20.959 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion:146 Resp: 196124
Ion Ratio Lower Upper
146 100
111 40.5 19.4 58.1
148 64.8 32.1 96.5

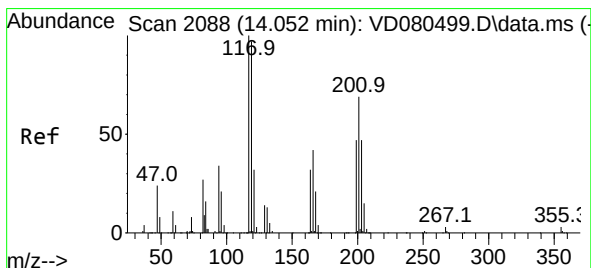
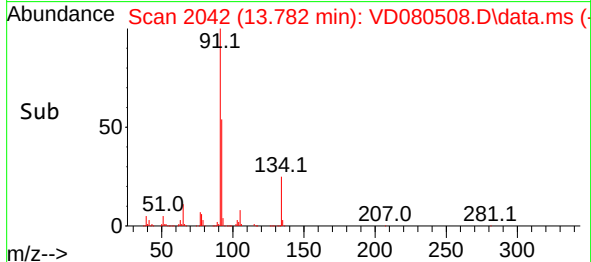
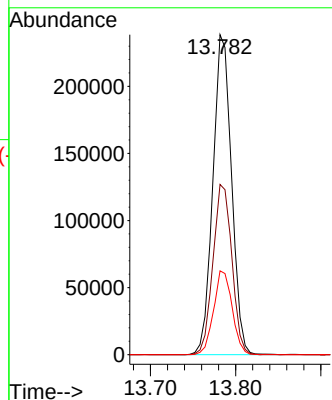
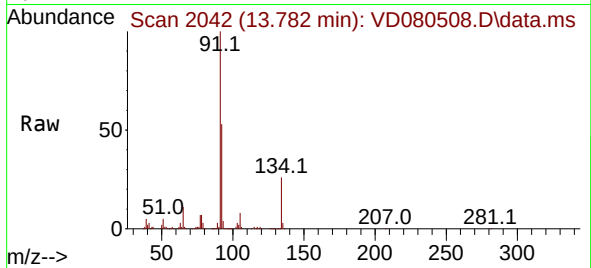




#89
n-Butylbenzene
Concen: 20.705 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

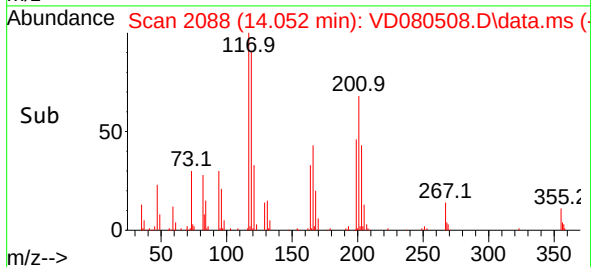
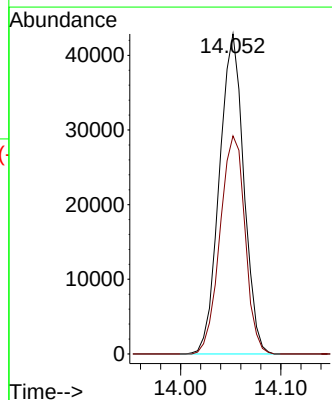
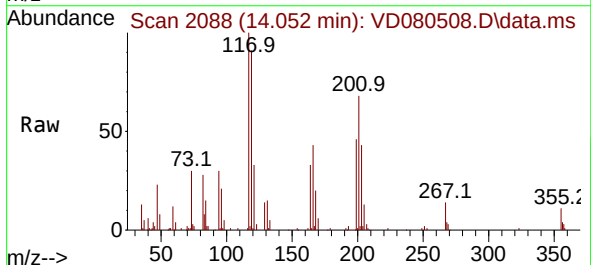
Instrument :
MSVOA_D
ClientSampleId :

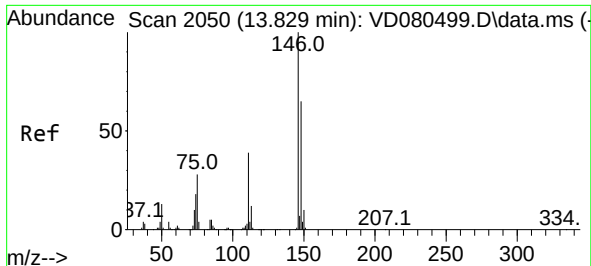
Tgt Ion: 91 Resp: 362664
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 26.1 12.4 37.2



#90
Hexachloroethane
Concen: 20.377 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

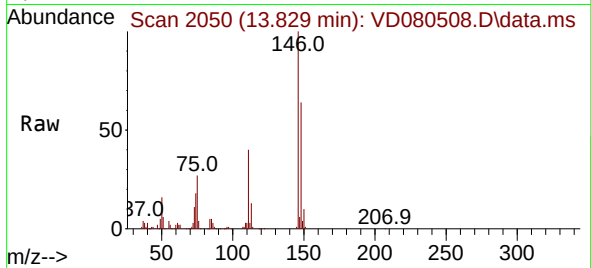
Tgt Ion: 117 Resp: 72470
Ion Ratio Lower Upper
117 100
201 69.7 34.6 103.8



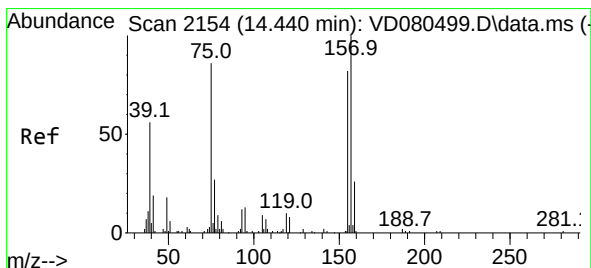
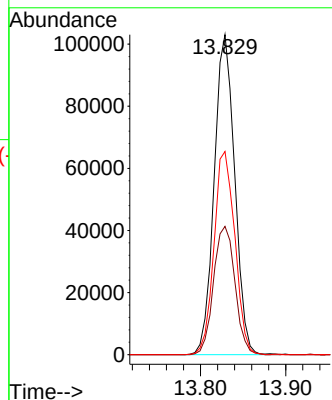
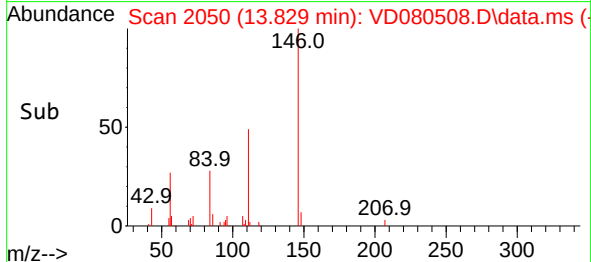


#91
 1,2-Dichlorobenzene
 Concen: 20.828 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12

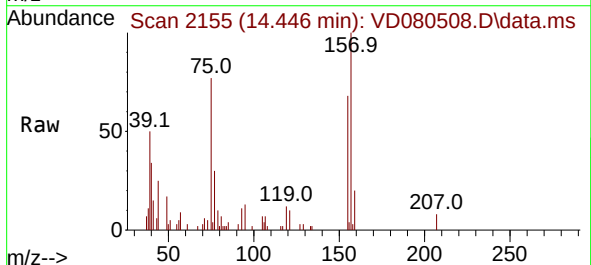
Instrument :
 MSVOA_D
 ClientSampleId :



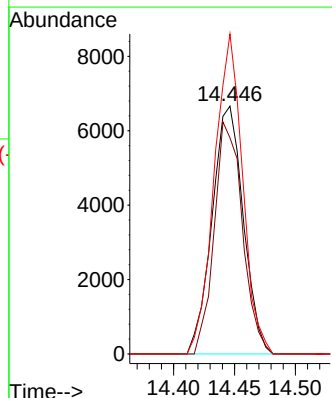
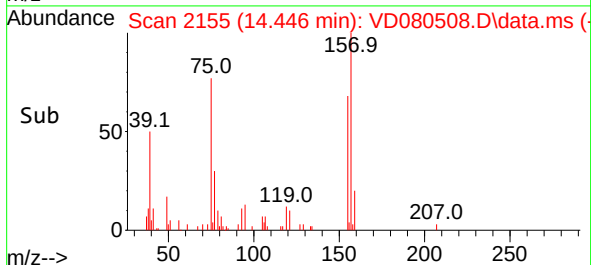
Tgt Ion:146 Resp: 172721
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.7 62.1
 148 64.5 31.5 94.5

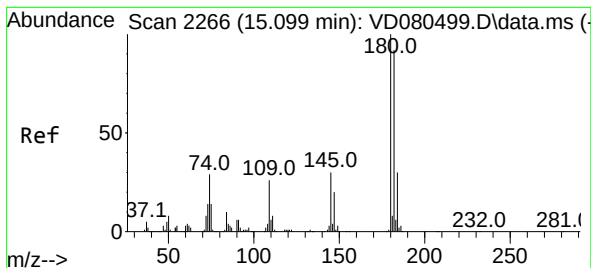


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.413 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080508.D
 Acq: 04 Sep 2025 11:12



Tgt Ion: 75 Resp: 11897
 Ion Ratio Lower Upper
 75 100
 155 84.3 47.5 142.6
 157 116.7 56.8 170.3





#93

1,2,4-Trichlorobenzene

Concen: 21.038 ug/l

RT: 15.099 min Scan# 2266

Delta R.T. -0.000 min

Lab File: VD080508.D

Acq: 04 Sep 2025 11:12

Instrument :

MSVOA_D

ClientSampleId :

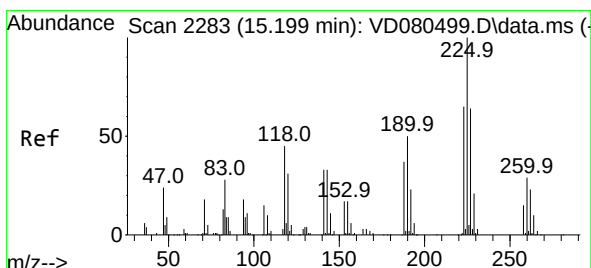
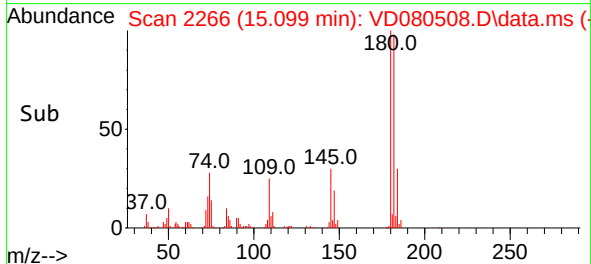
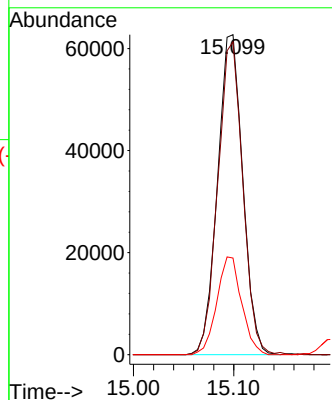
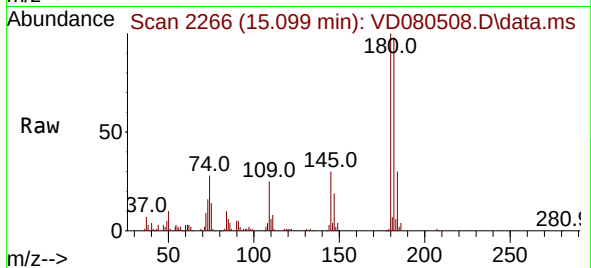
Tgt Ion:180 Resp: 109309

Ion Ratio Lower Upper

180 100

182 97.0 47.5 142.5

145 30.1 15.7 47.0



#94

Hexachlorobutadiene

Concen: 21.285 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. -0.000 min

Lab File: VD080508.D

Acq: 04 Sep 2025 11:12

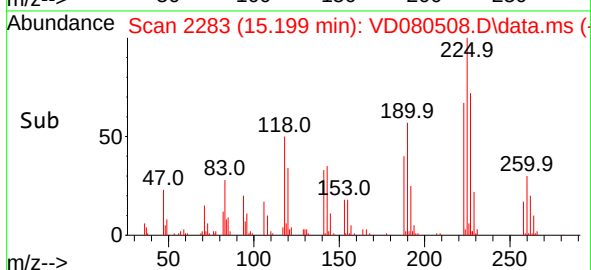
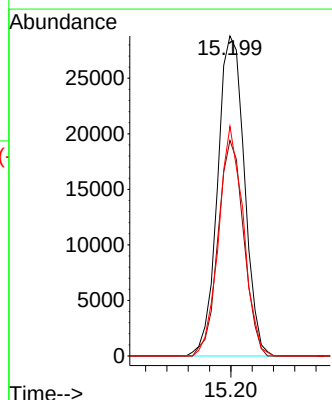
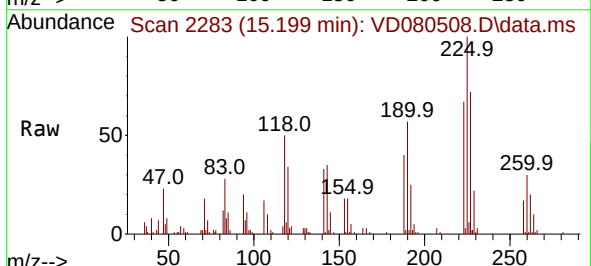
Tgt Ion:225 Resp: 50265

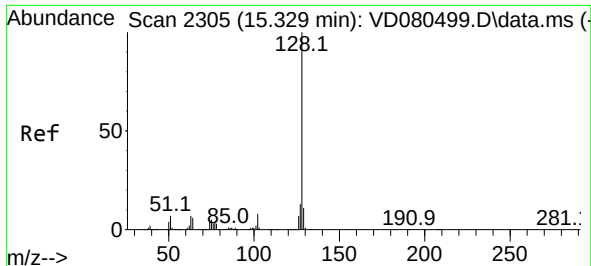
Ion Ratio Lower Upper

225 100

223 64.4 31.9 95.7

227 66.2 32.0 96.2

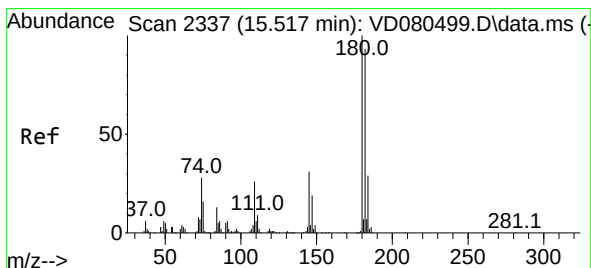
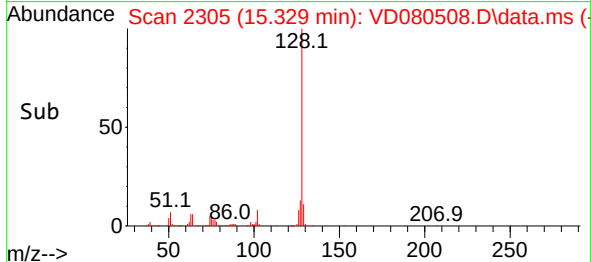
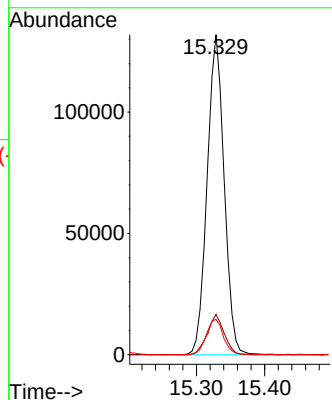
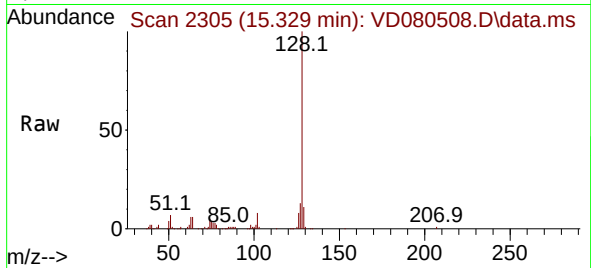




#95
Naphthalene
Concen: 20.716 ug/l
RT: 15.329 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 228960
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 11.1 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 21.205 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080508.D
Acq: 04 Sep 2025 11:12

Tgt Ion:180 Resp: 94317
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.5
145 31.6 16.2 48.5

