

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090525\
 Data File : VD080514.D
 Acq On : 05 Sep 2025 09:16
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 06 02:58:23 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	364306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	636623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	548625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	261660	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.229	65	178992	43.549	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.100%
35) Dibromofluoromethane	7.800	113	183368	47.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.920%
50) Toluene-d8	10.264	98	734012	47.861	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.720%
62) 4-Bromofluorobenzene	12.570	95	228225	47.207	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.420%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.935	85	135795	43.781	ug/l	97
3) Chloromethane	2.147	50	220139	44.961	ug/l	98
4) Vinyl Chloride	2.288	62	253313	50.130	ug/l	98
5) Bromomethane	2.694	94	144743	50.970	ug/l	98
6) Chloroethane	2.841	64	168234	51.006	ug/l	99
7) Trichlorofluoromethane	3.176	101	296258	50.339	ug/l	98
8) Diethyl Ether	3.594	74	105601	45.281	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.965	101	186478	48.832	ug/l	99
10) Methyl Iodide	4.165	142	220115	49.929	ug/l	99
11) Tert butyl alcohol	5.047	59	70003	235.353	ug/l #	87
12) 1,1-Dichloroethene	3.941	96	192681	48.433	ug/l	99
13) Acrolein	3.800	56	41072	129.925	ug/l	98
14) Allyl chloride	4.559	41	314904	45.613	ug/l	98
15) Acrylonitrile	5.253	53	241655	232.679	ug/l	98
16) Acetone	4.017	43	257011	267.099	ug/l	99
17) Carbon Disulfide	4.270	76	620404	46.117	ug/l	99
18) Methyl Acetate	4.559	43	125911	46.498	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	497830	47.685	ug/l	96
20) Methylene Chloride	4.800	84	224476	42.468	ug/l	98
21) trans-1,2-Dichloroethene	5.312	96	216388	47.512	ug/l	98
22) Diisopropyl ether	6.211	45	655747	46.148	ug/l	97
23) Vinyl Acetate	6.153	43	1896921	234.592	ug/l	99
24) 1,1-Dichloroethane	6.111	63	384102	46.697	ug/l	99
25) 2-Butanone	7.076	43	333273	244.606	ug/l	96
26) 2,2-Dichloropropane	7.076	77	319450	49.051	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	255592	47.023	ug/l	100
28) Bromochloromethane	7.423	49	157222	46.903	ug/l	97
29) Tetrahydrofuran	7.447	42	202227	234.880	ug/l	99
30) Chloroform	7.594	83	377126	47.950	ug/l	98
31) Cyclohexane	7.876	56	353530	45.918	ug/l	98
32) 1,1,1-Trichloroethane	7.794	97	327626	50.028	ug/l	99
36) 1,1-Dichloropropene	8.005	75	281502	50.459	ug/l	99
37) Ethyl Acetate	7.164	43	133810	49.879	ug/l	98
38) Carbon Tetrachloride	7.988	117	278348	52.423	ug/l	96
39) Methylcyclohexane	9.270	83	380388	51.226	ug/l	95
40) Benzene	8.253	78	876473	49.365	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	83306	52.304	ug/l #	92
42) 1,2-Dichloroethane	8.323	62	216711	50.392	ug/l	99
43) Isopropyl Acetate	8.358	43	268487	49.189	ug/l	99
44) Trichloroethene	9.029	130	217962	50.601	ug/l	97
45) 1,2-Dichloropropane	9.305	63	213378	48.459	ug/l	96
46) Dibromomethane	9.394	93	121589	51.542	ug/l	98
47) Bromodichloromethane	9.582	83	291436	50.676	ug/l	97
48) Methyl methacrylate	9.382	41	132474	48.959	ug/l	96
49) 1,4-Dioxane	9.382	88	29431	1009.150	ug/l	100
51) 4-Methyl-2-Pentanone	10.152	43	679265	249.536	ug/l	99
52) Toluene	10.329	92	552374	49.887	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	293413	50.062	ug/l	99
54) cis-1,3-Dichloropropene	10.011	75	343474	49.004	ug/l	98
55) 1,1,2-Trichloroethane	10.729	97	159049	50.286	ug/l	96
56) Ethyl methacrylate	10.594	69	222090	50.398	ug/l	98
57) 1,3-Dichloropropane	10.876	76	276529	49.816	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	435611	255.443	ug/l	99
59) 2-Hexanone	10.917	43	492452	254.612	ug/l	99
60) Dibromochloromethane	11.070	129	202203	50.728	ug/l	100
61) 1,2-Dibromoethane	11.176	107	152644	50.720	ug/l	100
64) Tetrachloroethene	10.805	164	181084	53.447	ug/l	99
65) Chlorobenzene	11.605	112	602103	51.501	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.682	131	193718	51.949	ug/l	100
67) Ethyl Benzene	11.682	91	1057257	52.248	ug/l	98
68) m/p-Xylenes	11.788	106	801783	102.906	ug/l	98
69) o-Xylene	12.117	106	386006	51.916	ug/l	98
70) Styrene	12.135	104	653835	51.692	ug/l	99
71) Bromoform	12.294	173	114697	54.120	ug/l #	100
73) Isopropylbenzene	12.417	105	979503	51.093	ug/l	99
74) N-amyl acetate	12.229	43	252930	49.717	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	179908	50.476	ug/l	100
76) 1,2,3-Trichloropropane	12.717	75	231109	108.220	ug/l #	100
77) Bromobenzene	12.699	156	228296	51.468	ug/l	98
78) n-propylbenzene	12.758	91	1186307	50.960	ug/l	99
79) 2-Chlorotoluene	12.846	91	661660	49.880	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	788080	50.589	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	67299	47.831	ug/l	97
82) 4-Chlorotoluene	12.946	91	673566	49.366	ug/l	97
83) tert-Butylbenzene	13.164	119	702233	51.956	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	796670	50.790	ug/l	99
85) sec-Butylbenzene	13.341	105	1042301	51.669	ug/l	100
86) p-Isopropyltoluene	13.458	119	874095	51.800	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	440404	51.495	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	435071	50.662	ug/l	99
89) n-Butylbenzene	13.782	91	824568	51.296	ug/l	98
90) Hexachloroethane	14.052	117	164430	50.378	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	386324	50.761	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	26490	49.525	ug/l	97
93) 1,2,4-Trichlorobenzene	15.093	180	241804	50.711	ug/l	100
94) Hexachlorobutadiene	15.199	225	115235	53.171	ug/l	98
95) Naphthalene	15.329	128	505498	49.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	211001	51.692	ug/l	99

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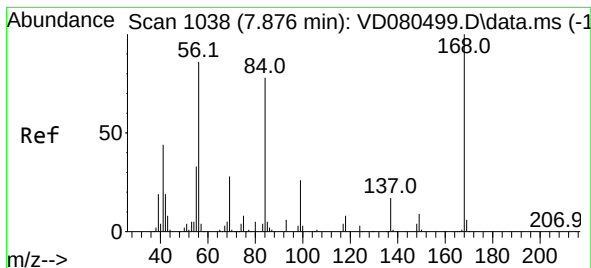
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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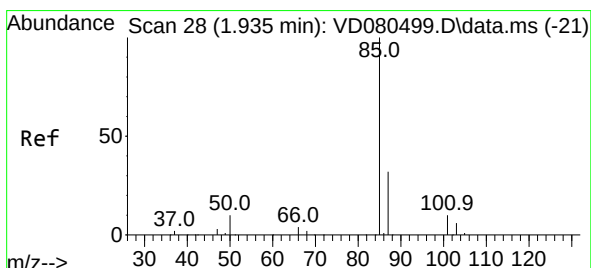
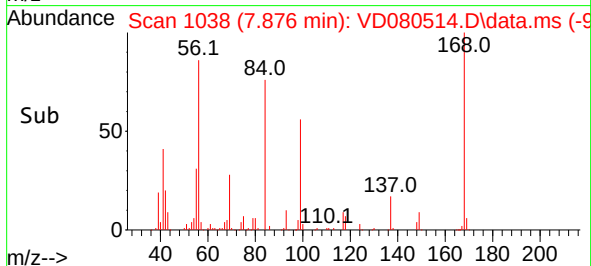
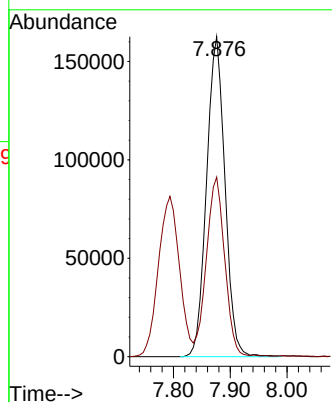
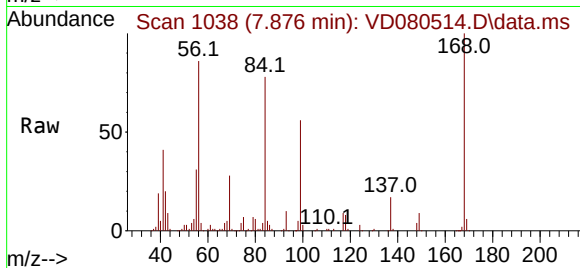




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

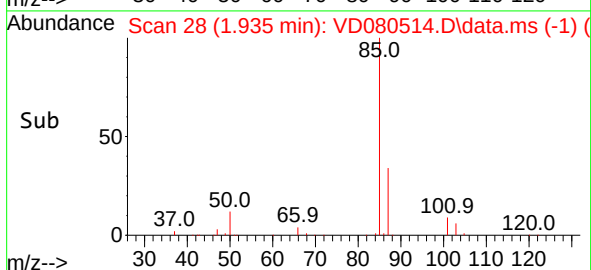
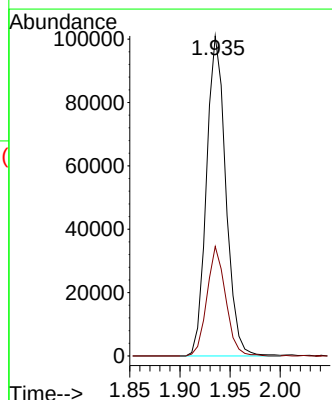
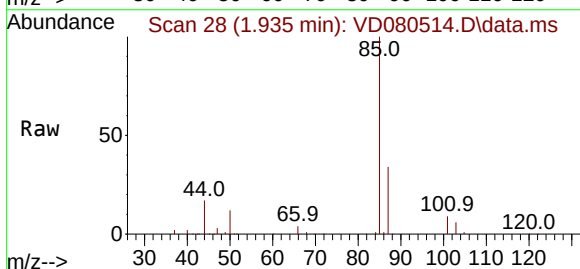
Instrument :
MSVOA_D
ClientSampleId :

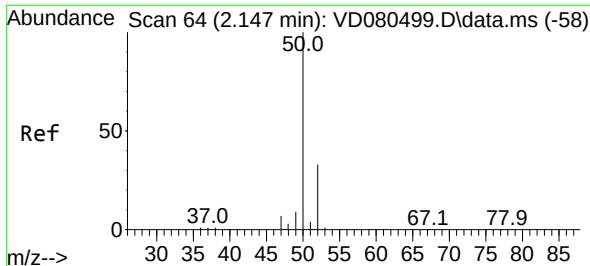
Tgt Ion:168 Resp: 364306
Ion Ratio Lower Upper
168 100
99 55.9 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 43.781 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion: 85 Resp: 135795
Ion Ratio Lower Upper
85 100
87 34.2 16.2 48.5

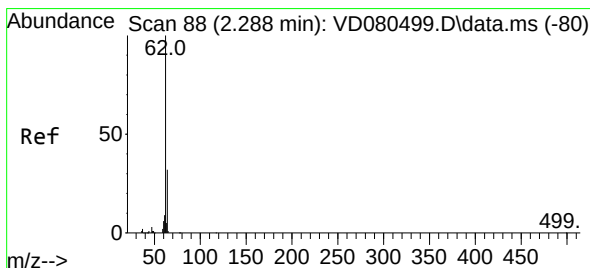
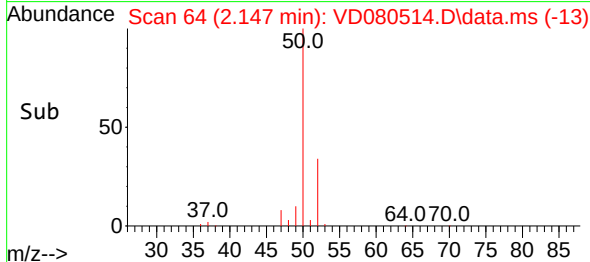
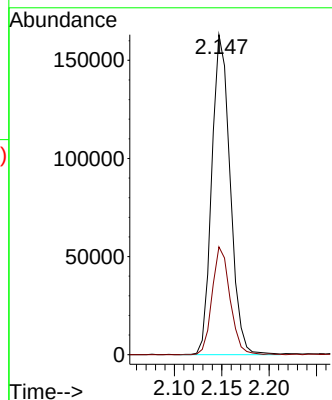
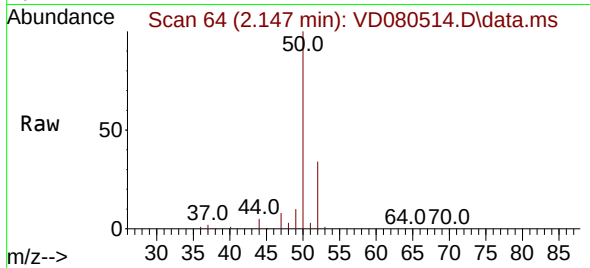




#3
Chloromethane
Concen: 44.961 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

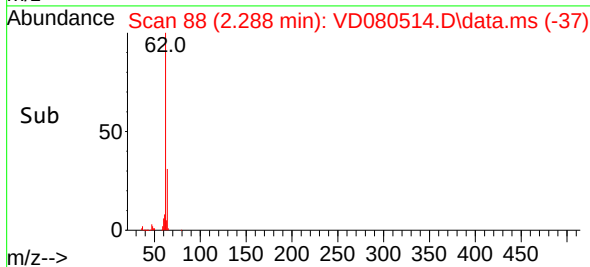
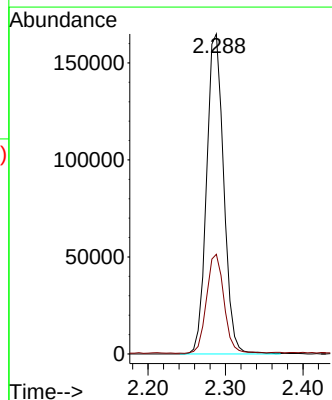
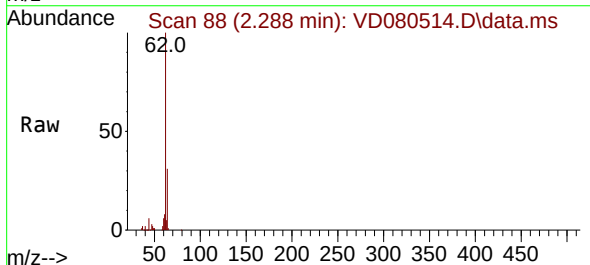
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ClientSampleId :

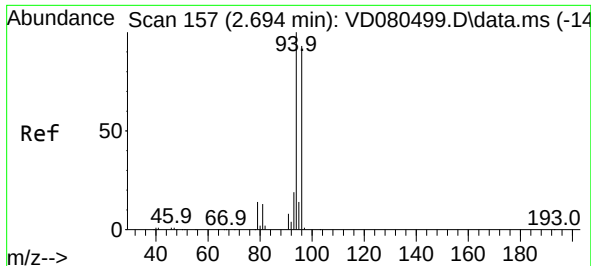
Tgt Ion: 50 Resp: 220139
Ion Ratio Lower Upper
50 100
52 33.7 26.2 39.4



#4
Vinyl Chloride
Concen: 50.130 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion: 62 Resp: 253313
Ion Ratio Lower Upper
62 100
64 30.9 25.6 38.4

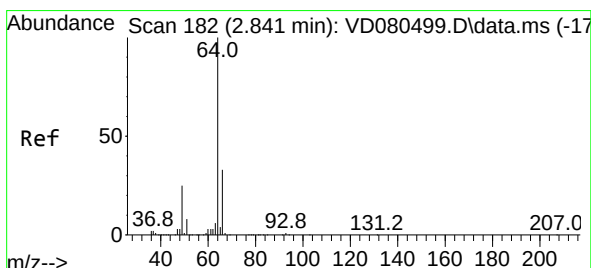
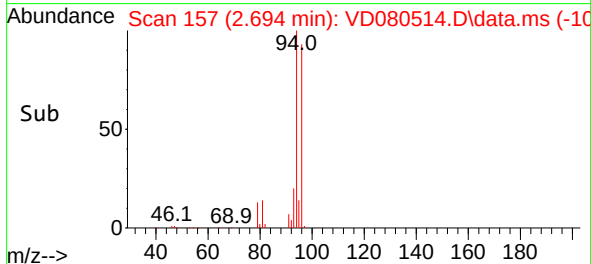
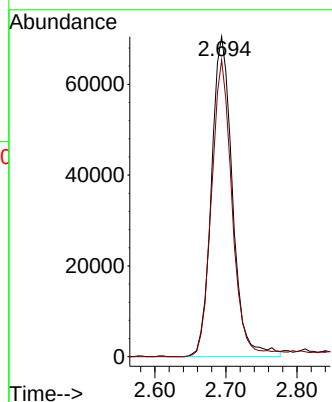
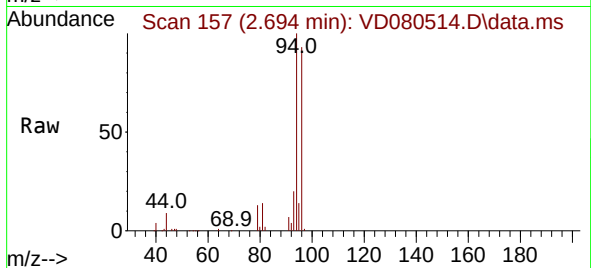




#5
Bromomethane
Concen: 50.970 ug/l
RT: 2.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

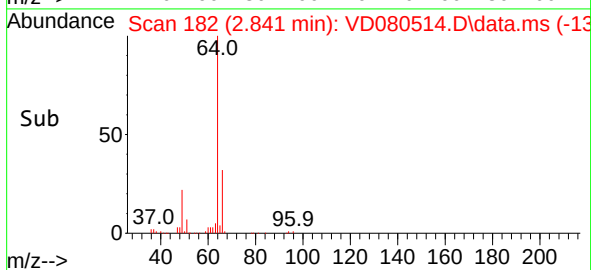
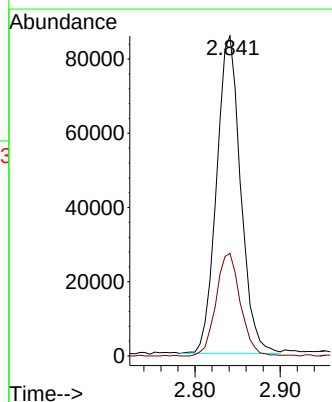
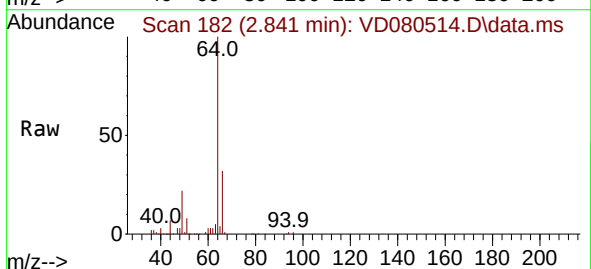
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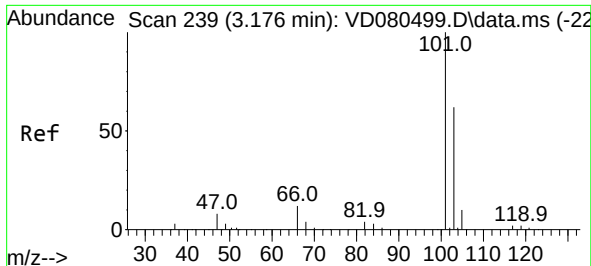
Tgt Ion: 94 Resp: 144743
Ion Ratio Lower Upper
94 100
96 91.3 74.6 111.8



#6
Chloroethane
Concen: 51.006 ug/l
RT: 2.841 min Scan# 182
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion: 64 Resp: 168234
Ion Ratio Lower Upper
64 100
66 32.3 26.5 39.7

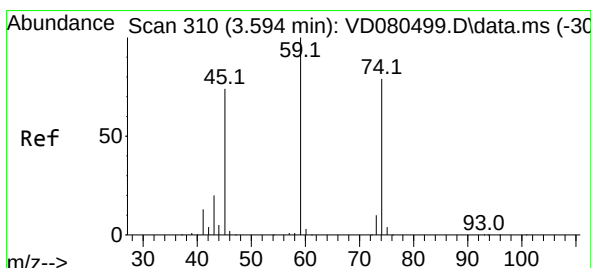
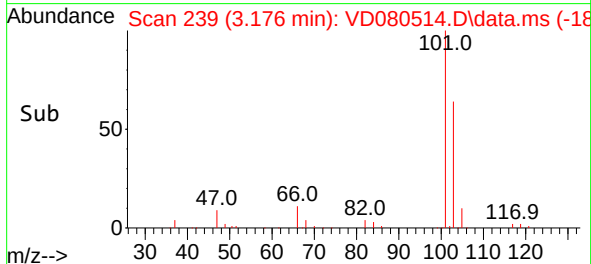
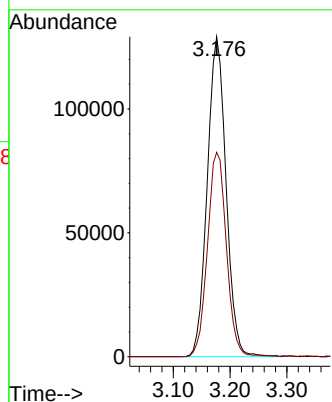
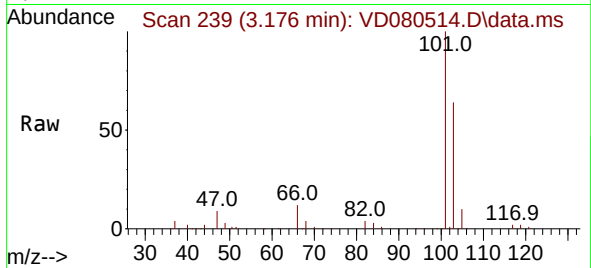




#7
 Trichlorofluoromethane
 Concen: 50.339 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

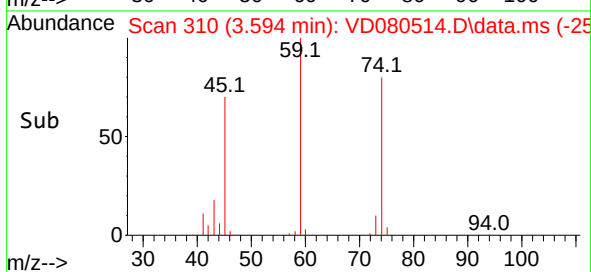
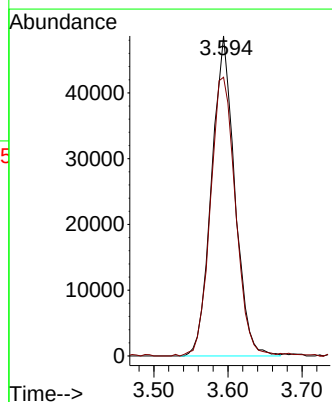
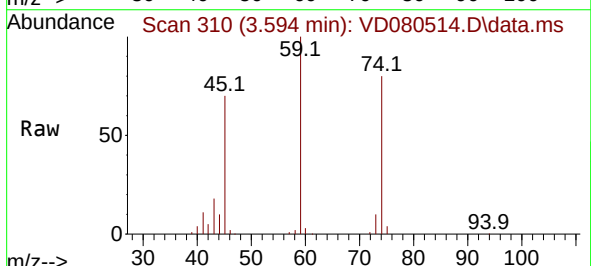
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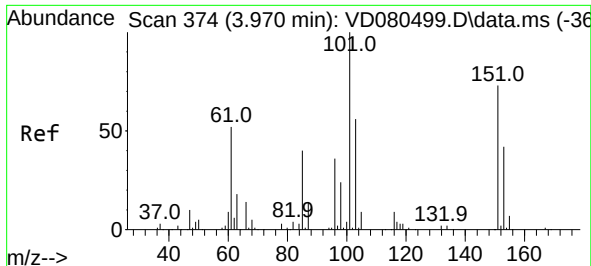
Tgt Ion:101 Resp: 296258
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.6 74.4



#8
 Diethyl Ether
 Concen: 45.281 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

Tgt Ion: 74 Resp: 105601
 Ion Ratio Lower Upper
 74 100
 45 94.4 48.2 144.6

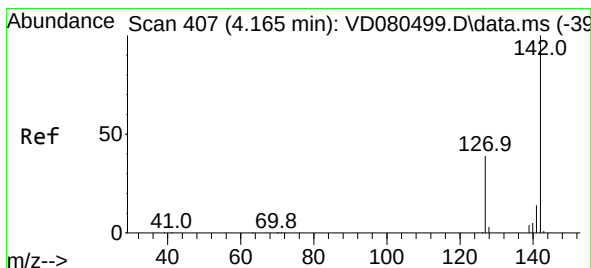
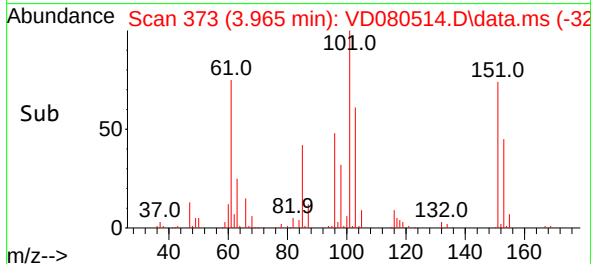
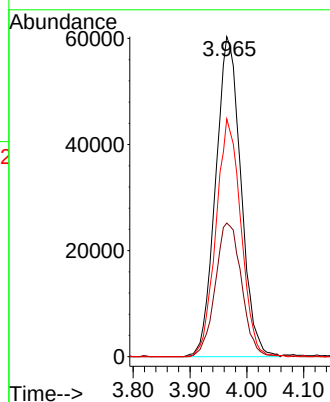
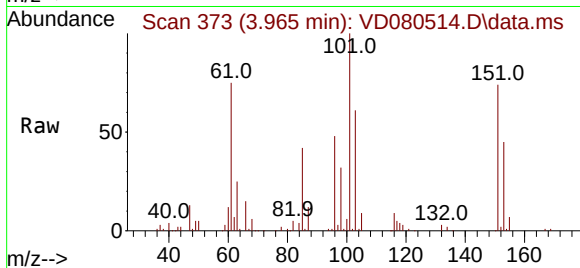




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.832 ug/l
RT: 3.965 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080514.D
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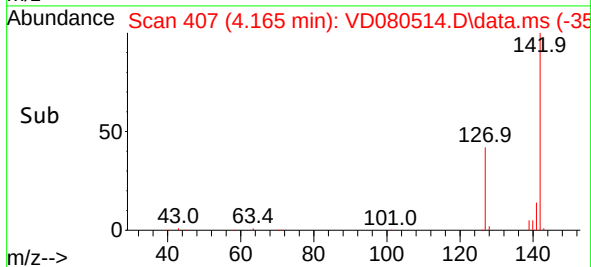
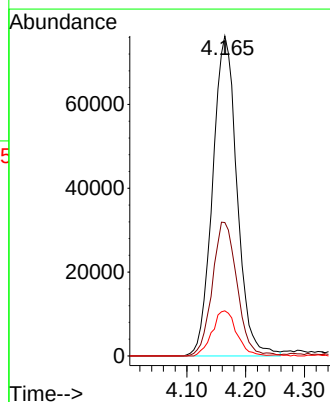
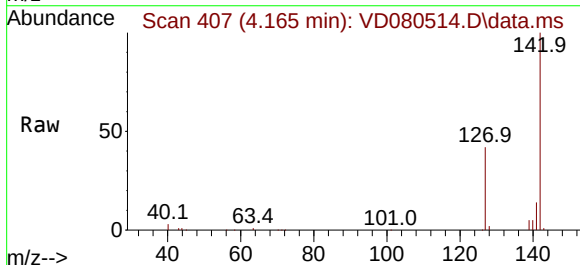
Instrument :
MSVOA_D
ClientSampleId :

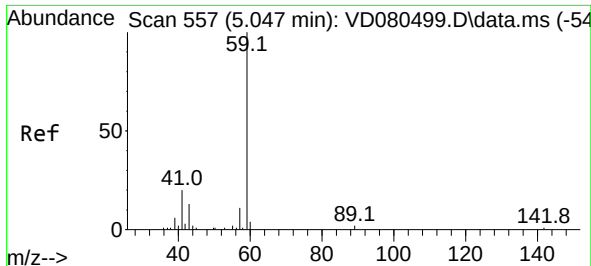
Tgt Ion:101 Resp: 186478
Ion Ratio Lower Upper
101 100
85 43.3 33.8 50.6
151 73.3 58.0 87.0



#10
Methyl Iodide
Concen: 49.929 ug/l
RT: 4.165 min Scan# 407
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion:142 Resp: 220115
Ion Ratio Lower Upper
142 100
127 42.3 33.1 49.7
141 14.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 235.353 ug/l

RT: 5.047 min Scan# 51

Delta R.T. -0.000 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

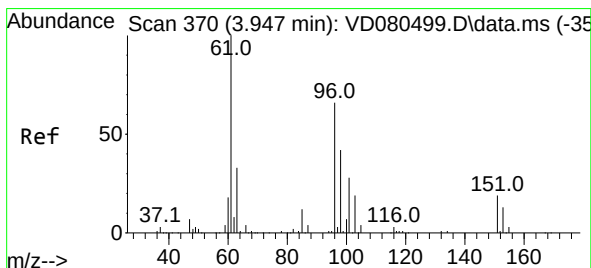
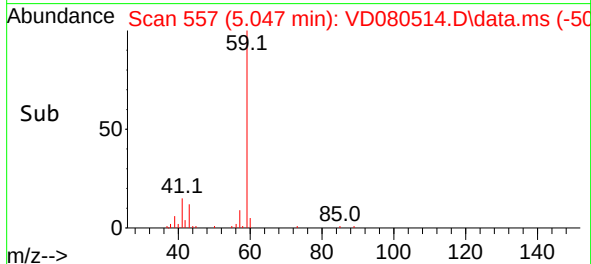
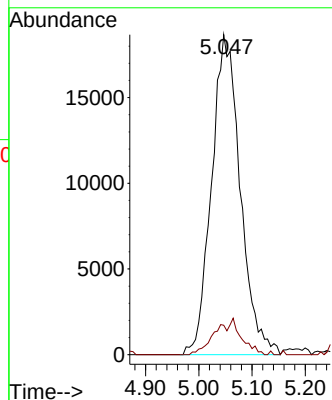
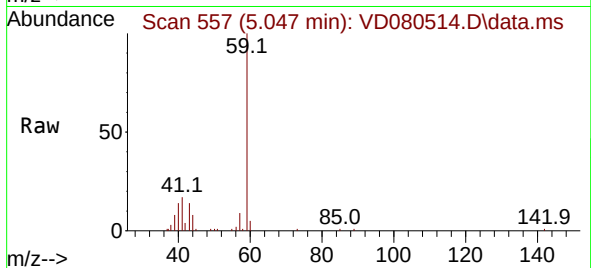
ClientSampleId :

Tgt Ion: 59 Resp: 70003

Ion Ratio Lower Upper

59 100

57 5.5 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 48.433 ug/l

RT: 3.941 min Scan# 369

Delta R.T. -0.006 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

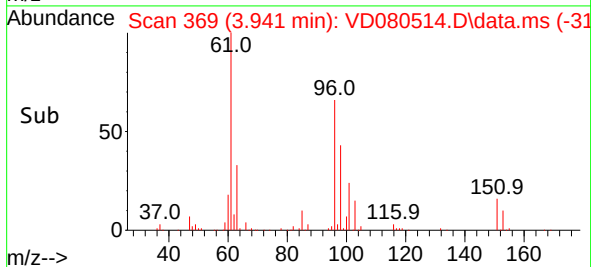
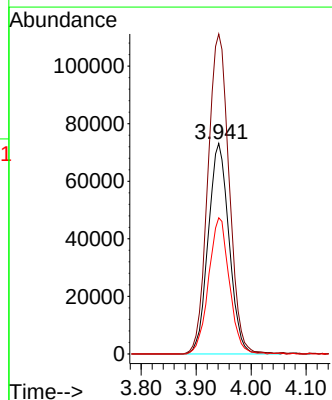
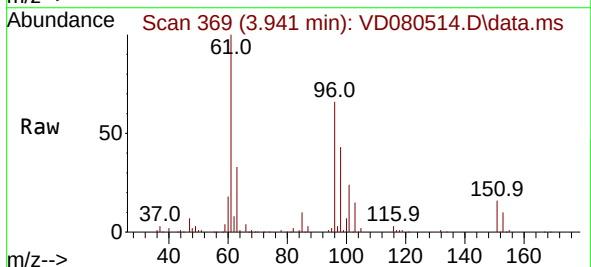
Tgt Ion: 96 Resp: 192681

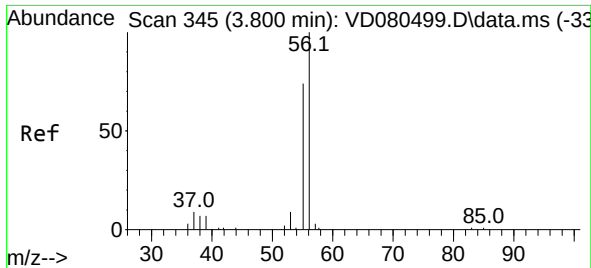
Ion Ratio Lower Upper

96 100

61 152.0 120.9 181.3

98 64.7 50.7 76.1





#13

Acrolein

Concen: 129.925 ug/l

RT: 3.800 min Scan# 34

Delta R.T. -0.000 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

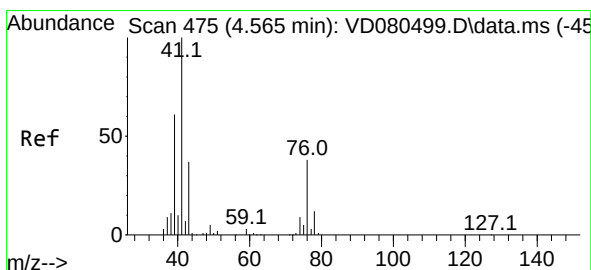
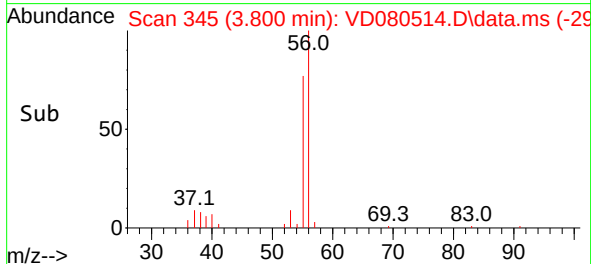
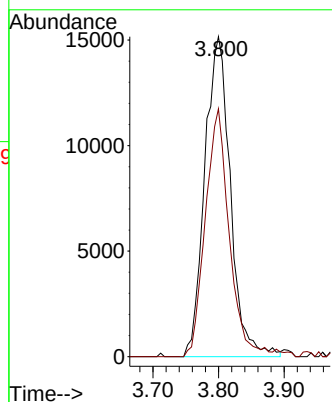
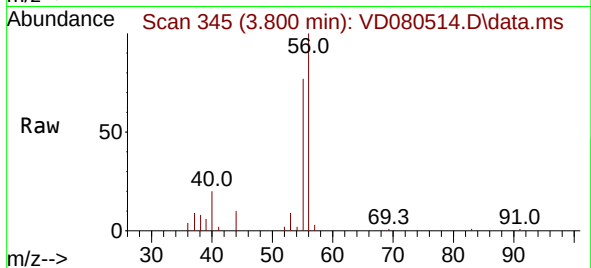
ClientSampleId :

Tgt Ion: 56 Resp: 41072

Ion Ratio Lower Upper

56 100

55 72.4 56.6 85.0



#14

Allyl chloride

Concen: 45.613 ug/l

RT: 4.559 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

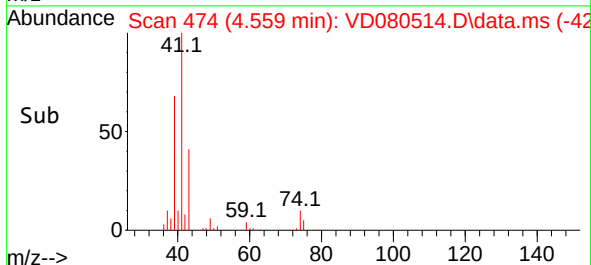
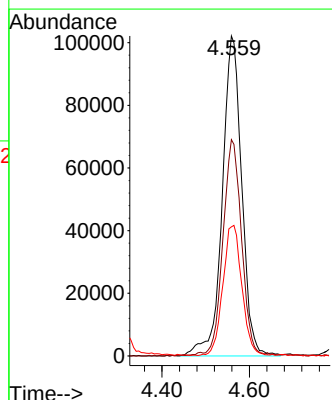
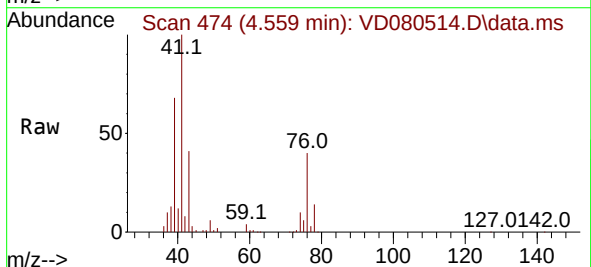
Tgt Ion: 41 Resp: 314904

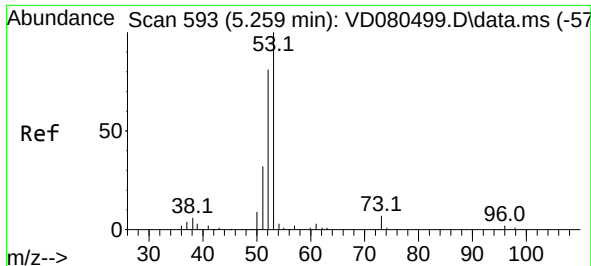
Ion Ratio Lower Upper

41 100

39 64.8 50.1 75.1

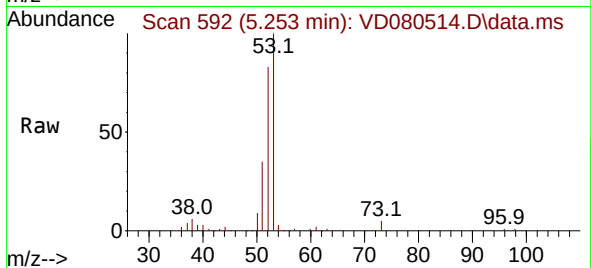
76 39.6 30.7 46.1



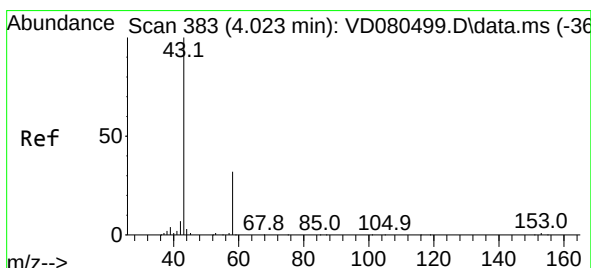
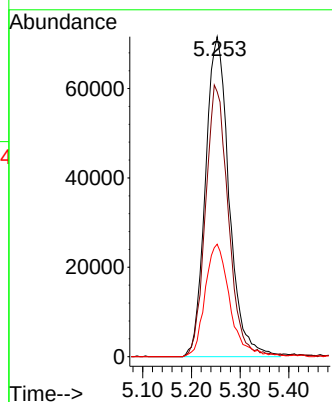
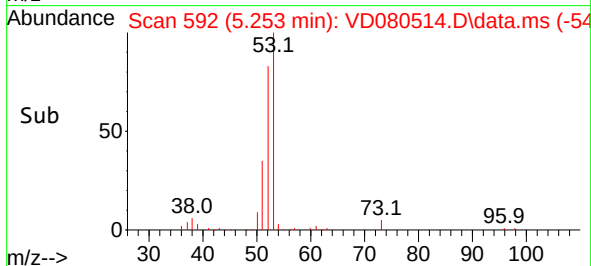


#15
Acrylonitrile
Concen: 232.679 ug/l
RT: 5.253 min Scan# 593
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Instrument :
MSVOA_D
ClientSampleId :

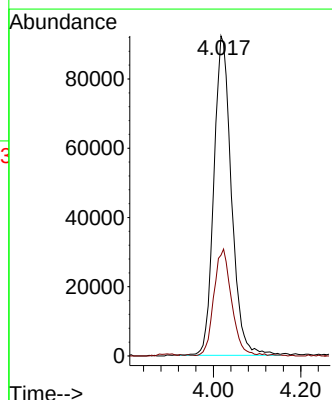
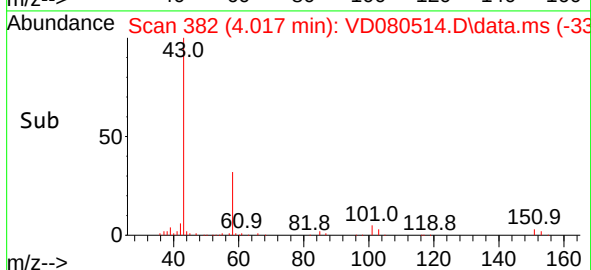
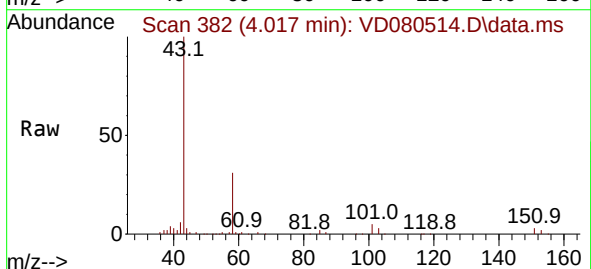


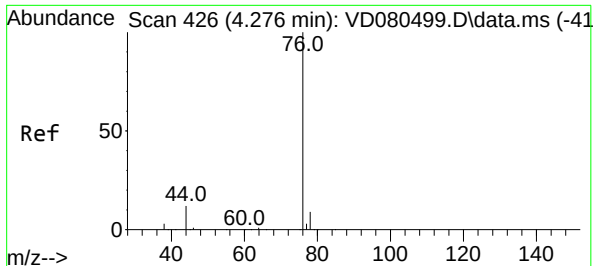
Tgt Ion: 53 Resp: 241655
Ion Ratio Lower Upper
53 100
52 81.9 64.6 97.0
51 36.8 28.0 42.0



#16
Acetone
Concen: 267.099 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion: 43 Resp: 257011
Ion Ratio Lower Upper
43 100
58 31.2 25.4 38.0

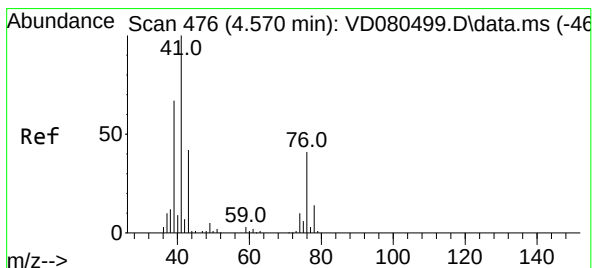
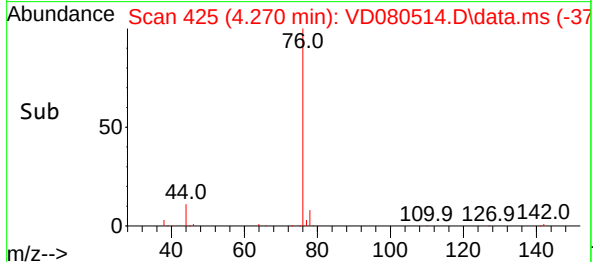
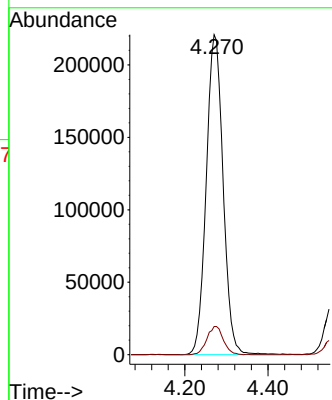
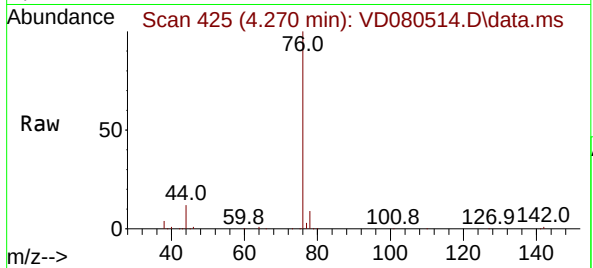




#17
Carbon Disulfide
Concen: 46.117 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

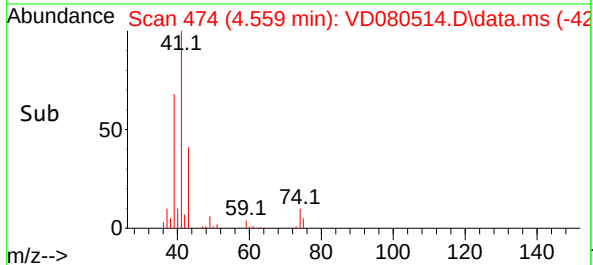
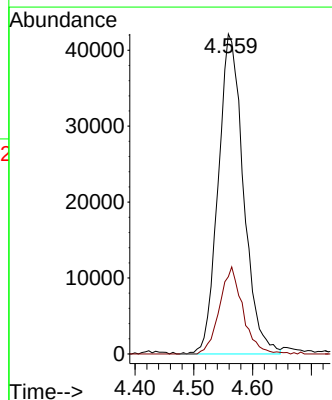
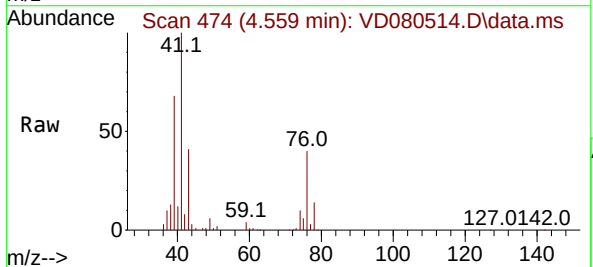
Instrument :
MSVOA_D
ClientSampleId :

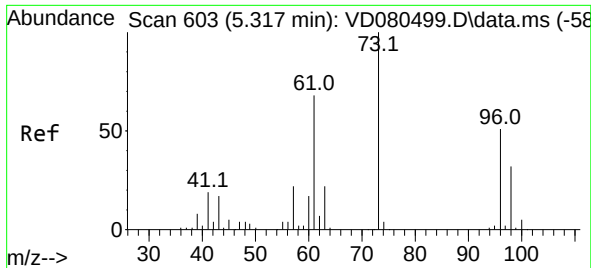
Tgt Ion: 76 Resp: 620404
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 46.498 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion: 43 Resp: 125911
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.2

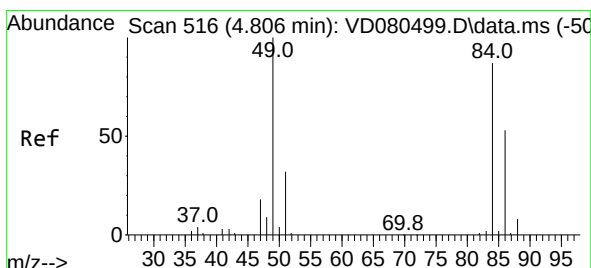
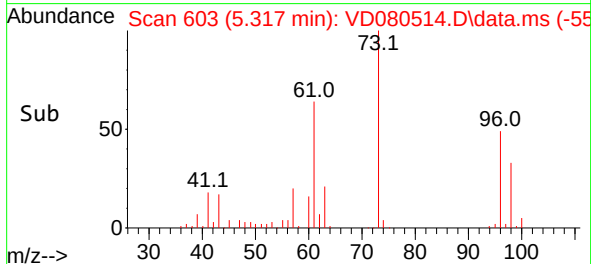
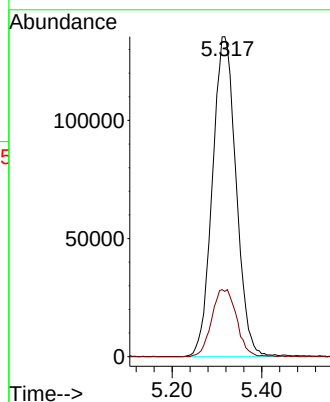
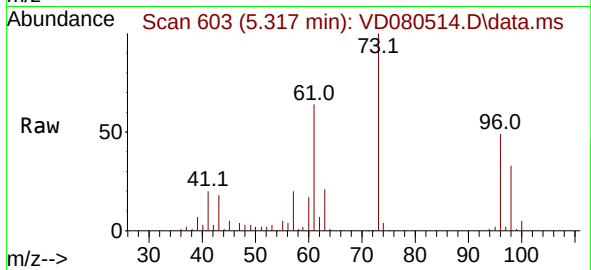




#19
Methyl tert-butyl Ether
Concen: 47.685 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

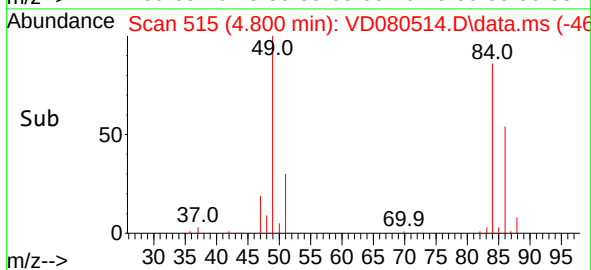
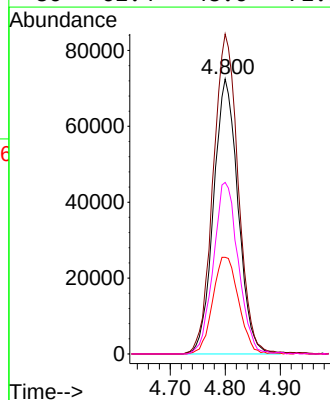
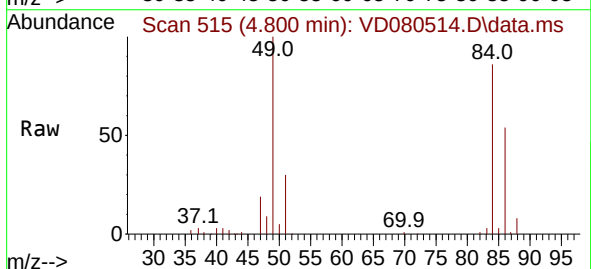
Instrument :
MSVOA_D
ClientSampleId :

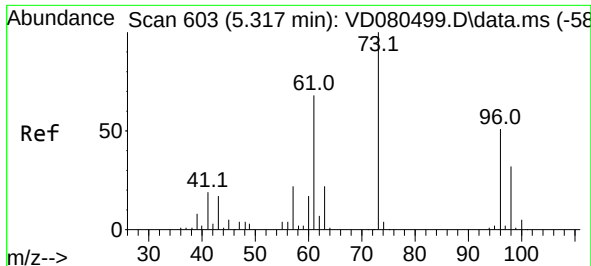
Tgt Ion: 73 Resp: 497830
Ion Ratio Lower Upper
73 100
57 20.4 17.8 26.8



#20
Methylene Chloride
Concen: 42.468 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

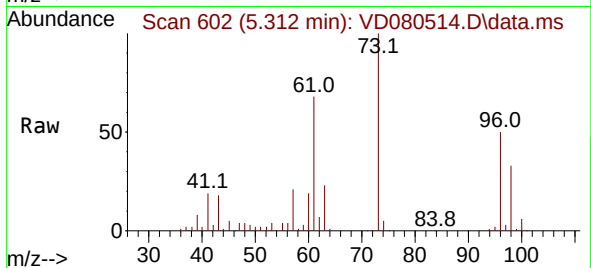
Tgt Ion: 84 Resp: 224476
Ion Ratio Lower Upper
84 100
49 116.3 91.8 137.6
51 35.1 29.0 43.4
86 62.4 48.6 72.8



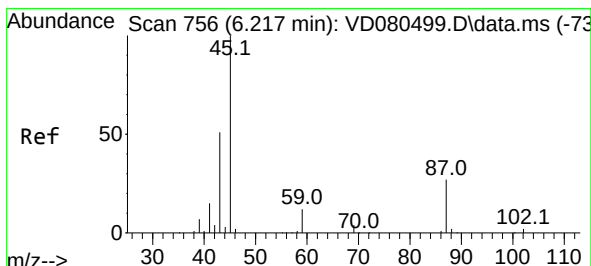
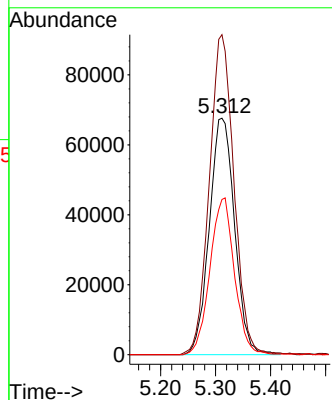
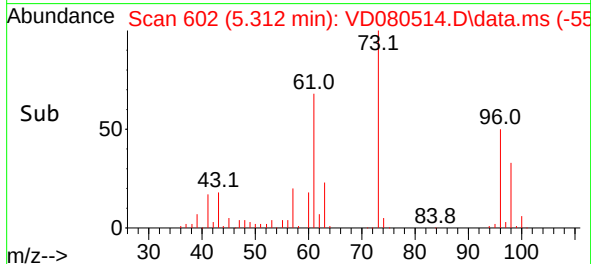


#21
trans-1,2-Dichloroethene
Concen: 47.512 ug/l
RT: 5.312 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

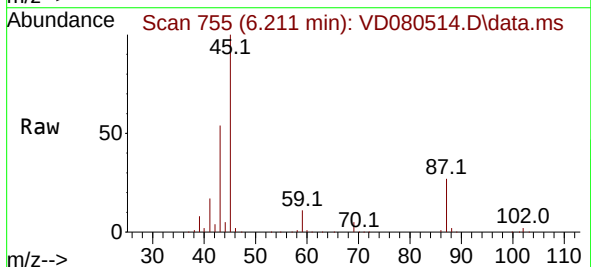
Instrument :
MSVOA_D
ClientSampleId :



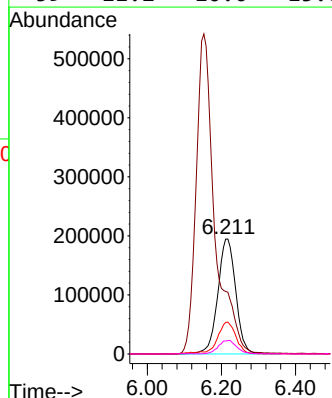
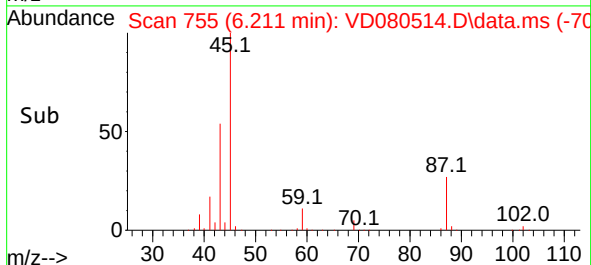
Tgt Ion: 96 Resp: 216388
Ion Ratio Lower Upper
96 100
61 135.3 107.4 161.0
98 65.6 49.9 74.9

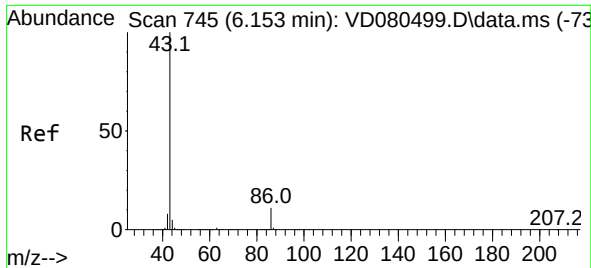


#22
Diisopropyl ether
Concen: 46.148 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16



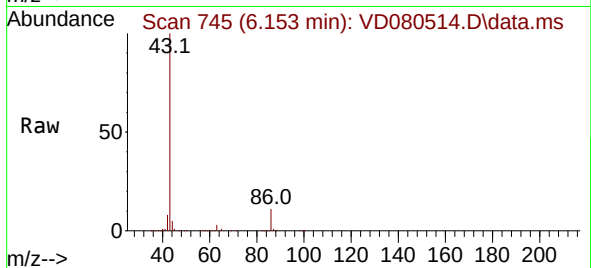
Tgt Ion: 45 Resp: 655747
Ion Ratio Lower Upper
45 100
43 54.1 40.6 60.8
87 27.4 21.6 32.4
59 11.2 10.0 15.0





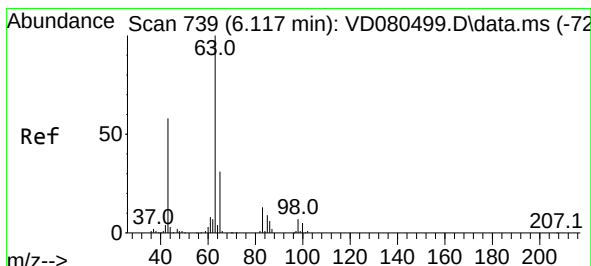
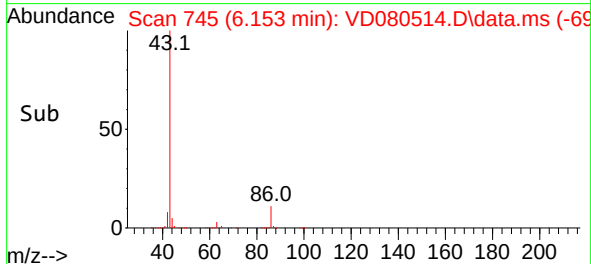
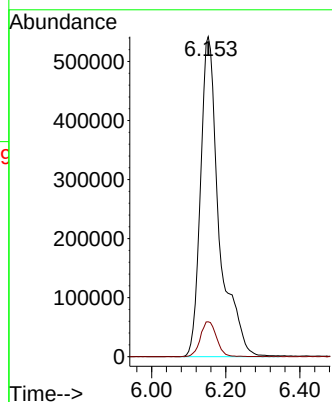
#23
 Vinyl Acetate
 Concen: 234.592 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 43 Resp: 1896921

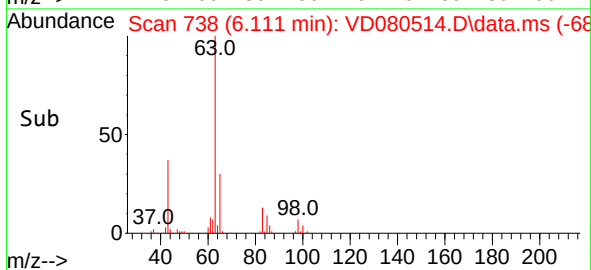
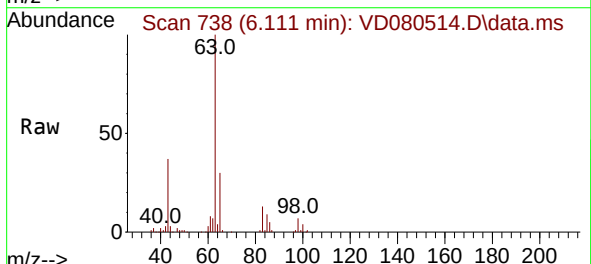
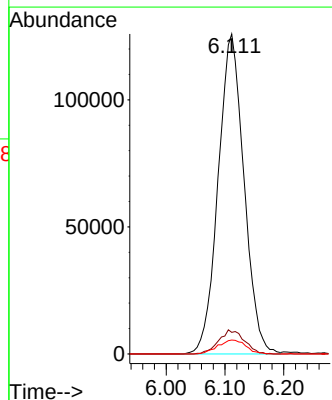
Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.4	12.6

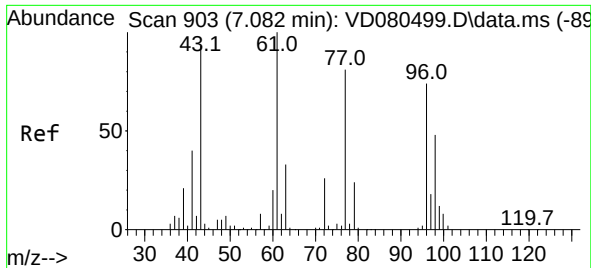


#24
 1,1-Dichloroethane
 Concen: 46.697 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

Tgt Ion: 63 Resp: 384102

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.3	9.9
100	4.3	2.4	7.1

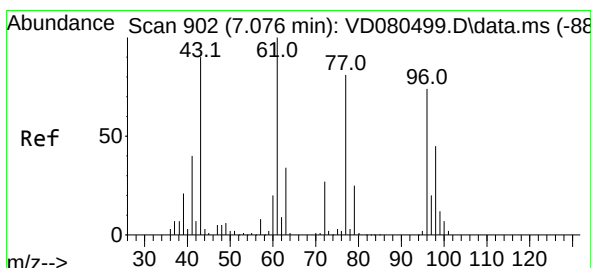
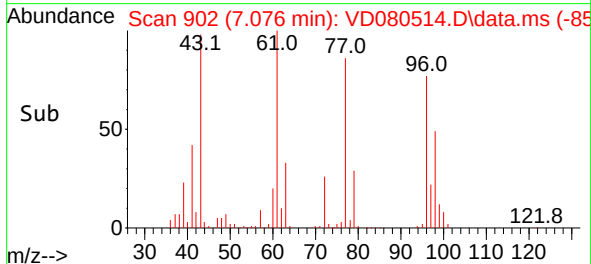
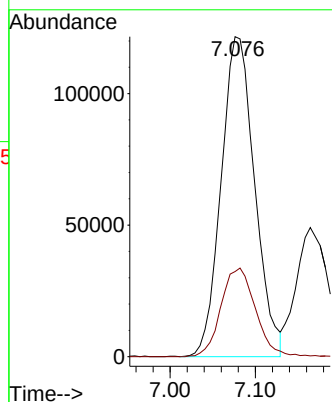
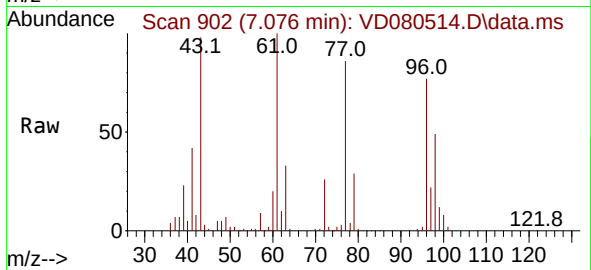




#25
2-Butanone
Concen: 244.606 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

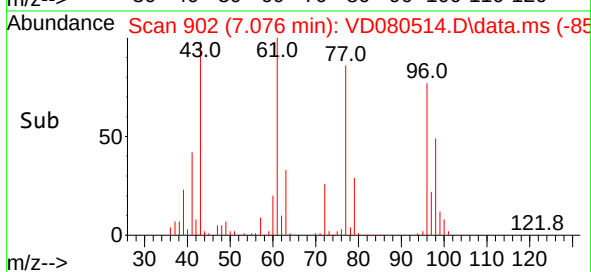
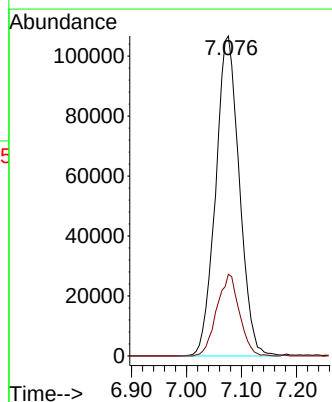
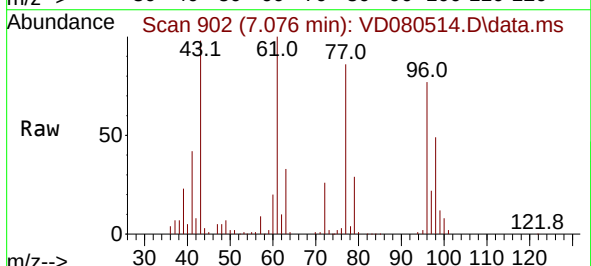
Instrument :
MSVOA_D
ClientSampleId :

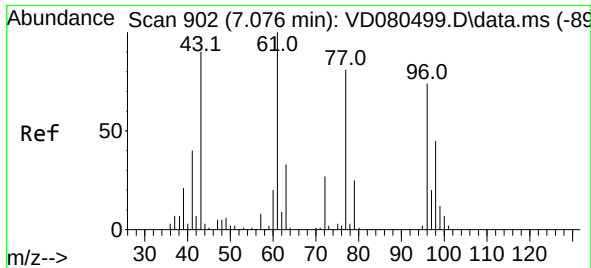
Tgt Ion: 43 Resp: 333273
Ion Ratio Lower Upper
43 100
72 26.6 22.8 34.2



#26
2,2-Dichloropropane
Concen: 49.051 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion: 77 Resp: 319450
Ion Ratio Lower Upper
77 100
97 24.3 12.4 37.0

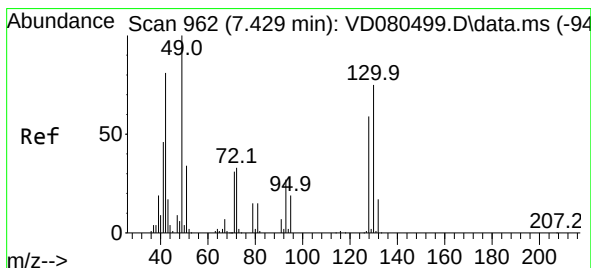
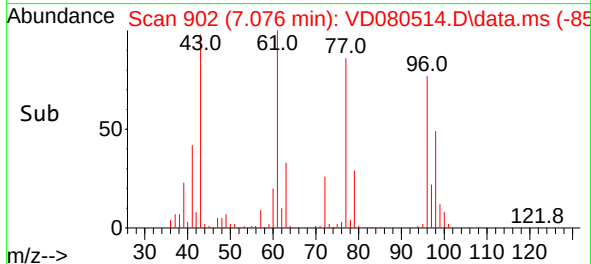
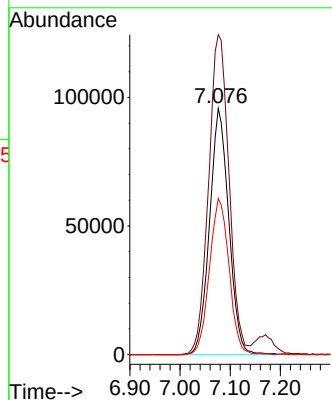
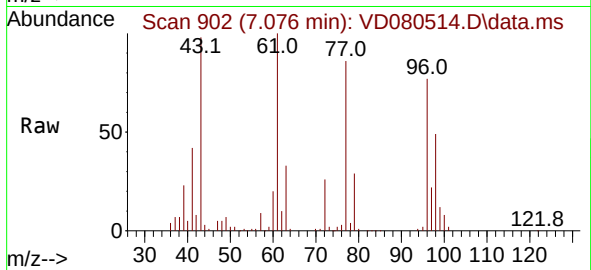




#27
 cis-1,2-Dichloroethene
 Concen: 47.023 ug/l
 RT: 7.076 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

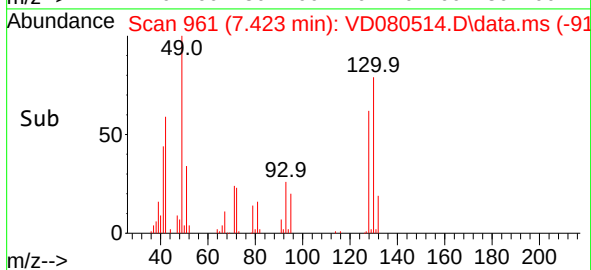
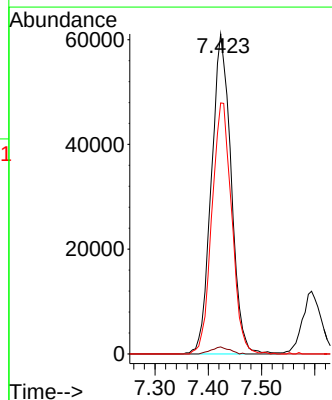
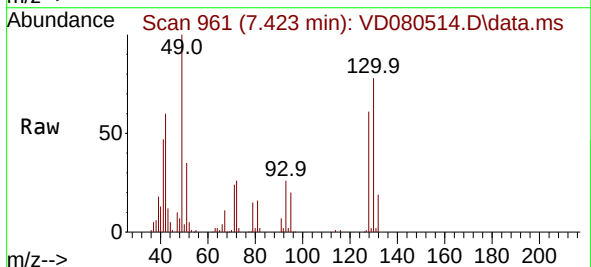
Instrument :
 MSVOA_D
 ClientSampleId :

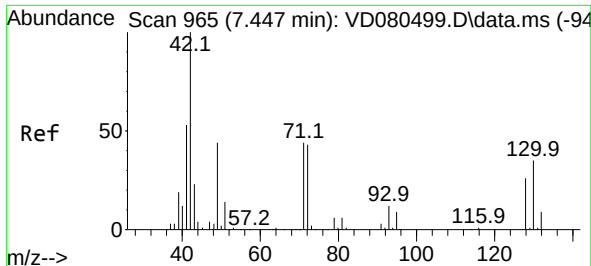
Tgt Ion: 96 Resp: 255592
 Ion Ratio Lower Upper
 96 100
 61 138.1 0.0 275.2
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 46.903 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.006 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

Tgt Ion: 49 Resp: 157222
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 78.6 61.1 91.7





#29

Tetrahydrofuran

Concen: 234.880 ug/l

RT: 7.447 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

ClientSampleId :

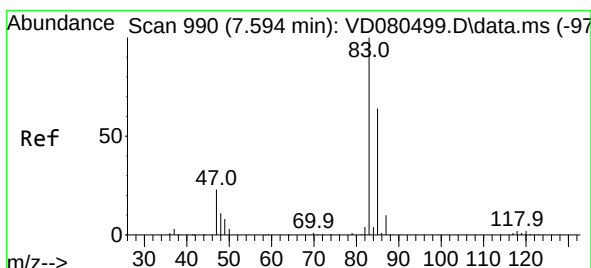
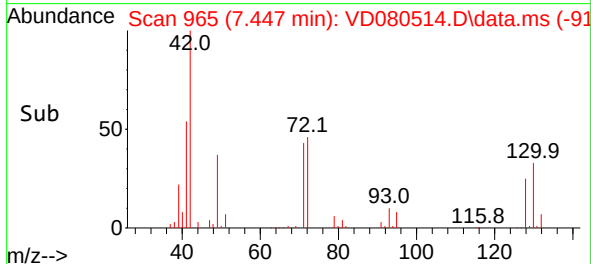
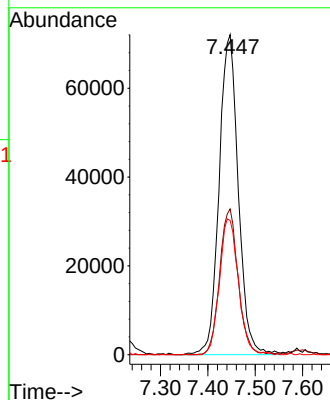
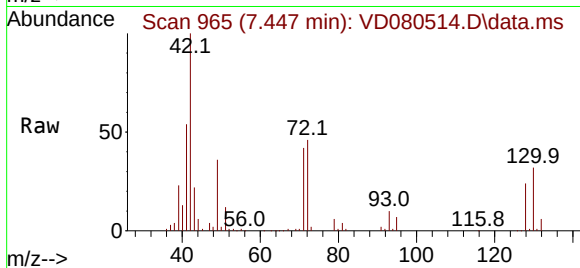
Tgt Ion: 42 Resp: 202227

Ion Ratio Lower Upper

42 100

72 43.9 34.7 52.1

71 42.1 32.9 49.3



#30

Chloroform

Concen: 47.950 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.000 min

Lab File: VD080514.D

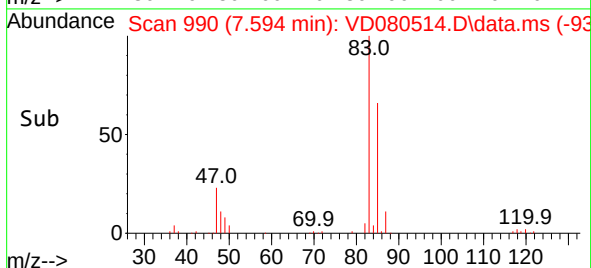
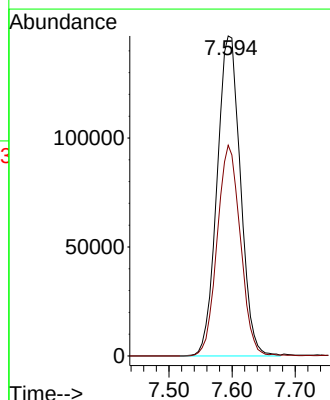
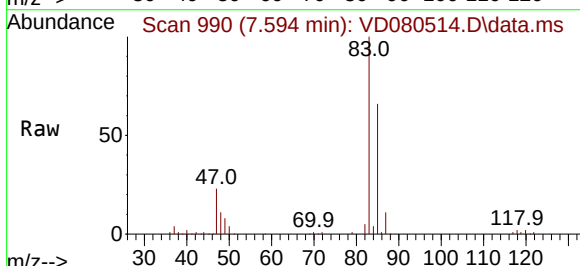
Acq: 05 Sep 2025 09:16

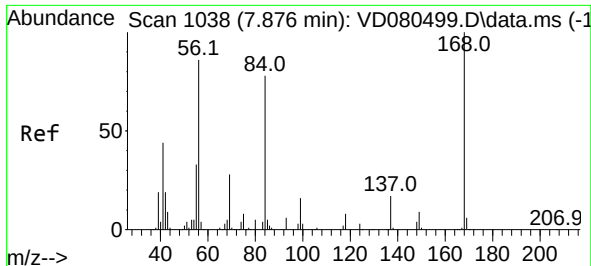
Tgt Ion: 83 Resp: 377126

Ion Ratio Lower Upper

83 100

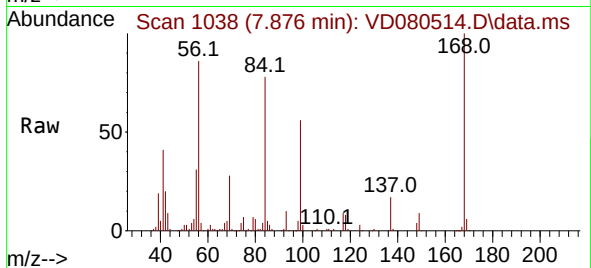
85 65.8 51.2 76.8



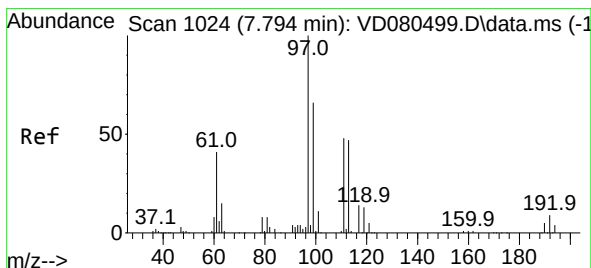
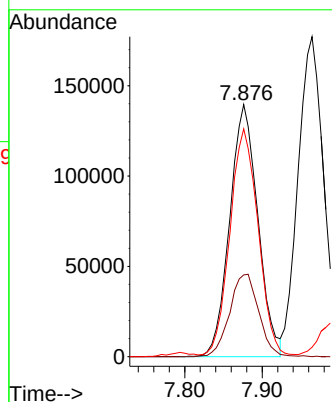
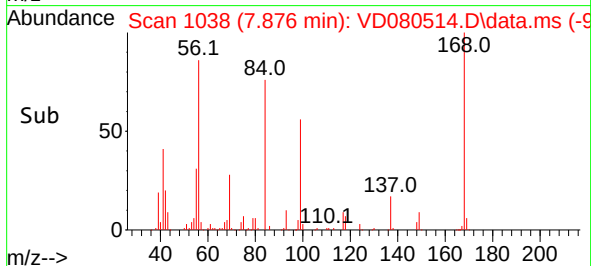


#31
Cyclohexane
Concen: 45.918 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

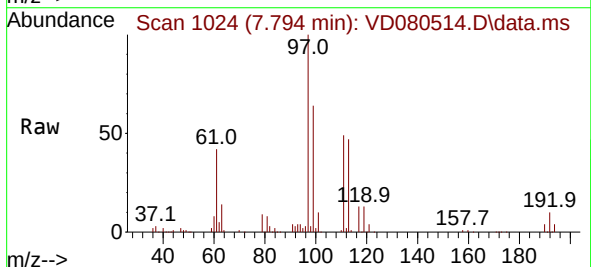
Instrument :
MSVOA_D
ClientSampleId :



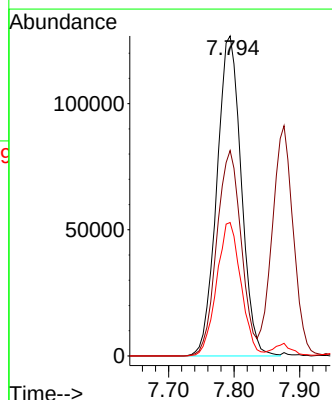
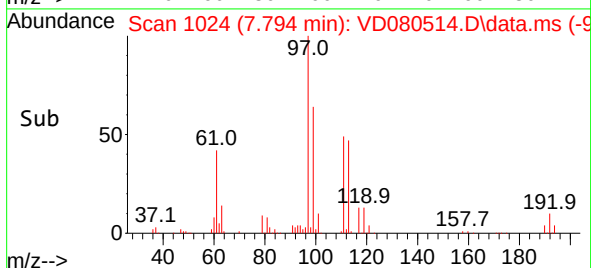
Tgt Ion: 56 Resp: 353530
Ion Ratio Lower Upper
56 100
69 32.4 26.0 39.0
84 88.5 72.6 108.8

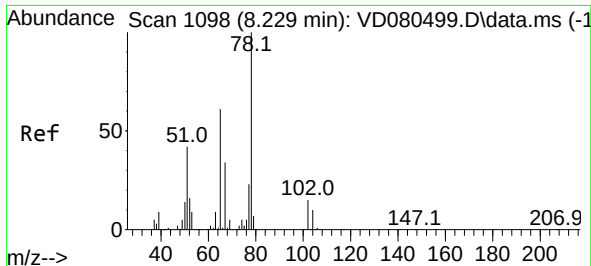


#32
1,1,1-Trichloroethane
Concen: 50.028 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16



Tgt Ion: 97 Resp: 327626
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 41.7 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 43.549 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

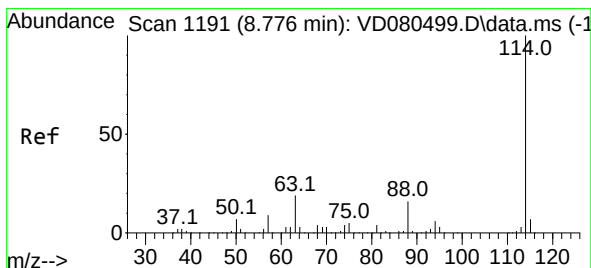
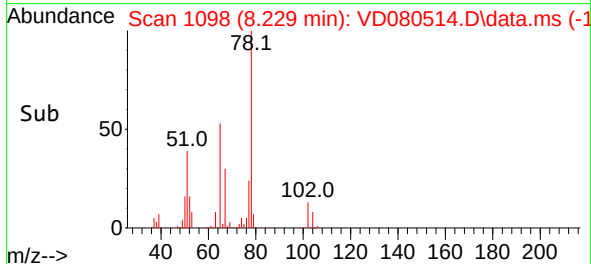
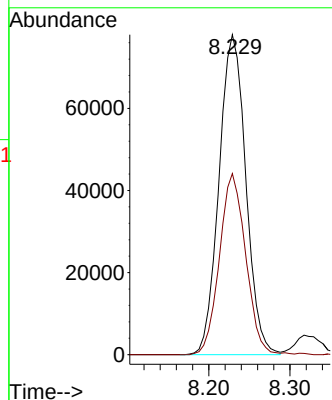
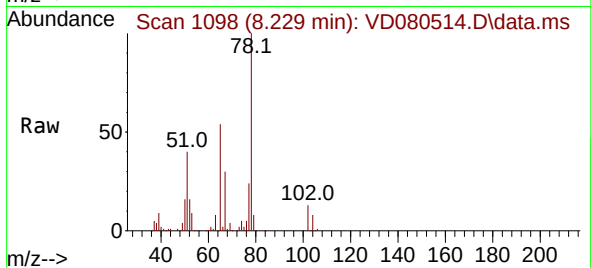
ClientSampleId :

Tgt Ion: 65 Resp: 178992

Ion Ratio Lower Upper

65 100

67 55.4 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: VD080514.D

Acq: 05 Sep 2025 09:16

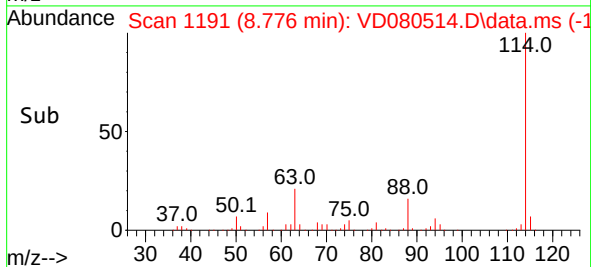
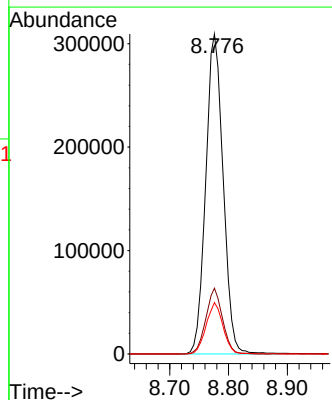
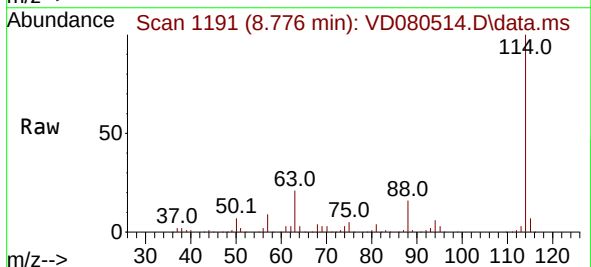
Tgt Ion: 114 Resp: 636623

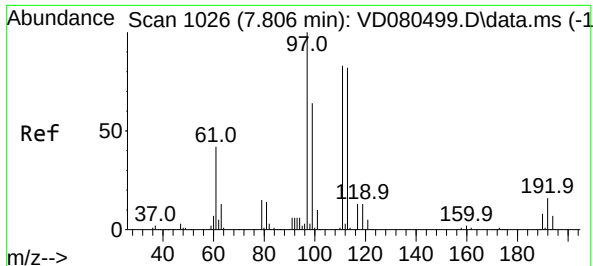
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.6

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.456 ug/l

RT: 7.800 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

ClientSampleId :

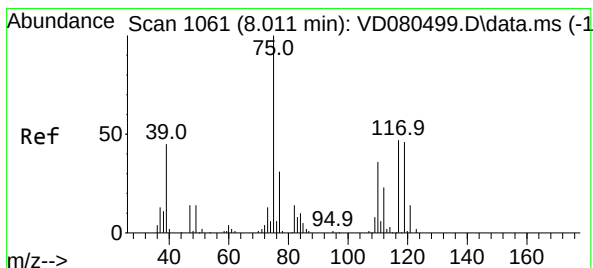
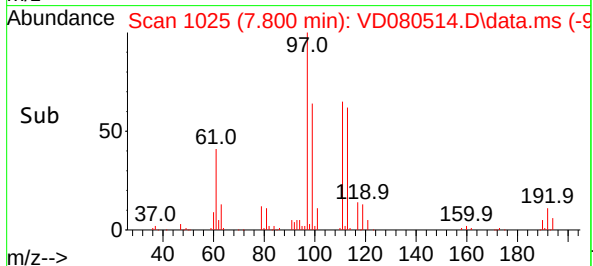
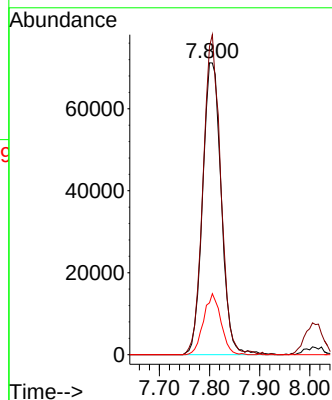
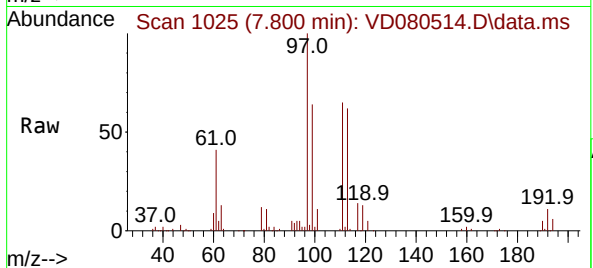
Tgt Ion:113 Resp: 183368

Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

192 19.5 14.9 22.3



#36

1,1-Dichloropropene

Concen: 50.459 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

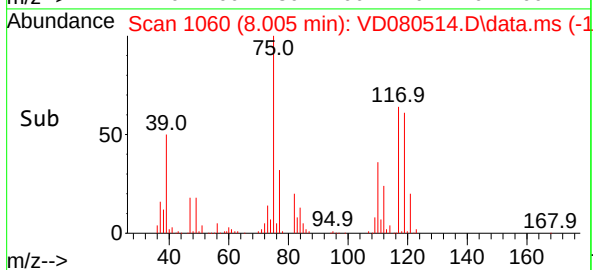
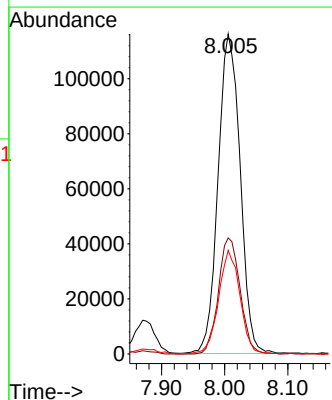
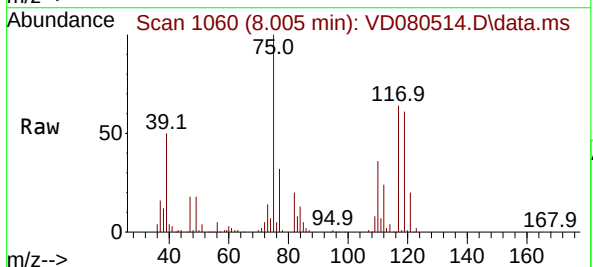
Tgt Ion: 75 Resp: 281502

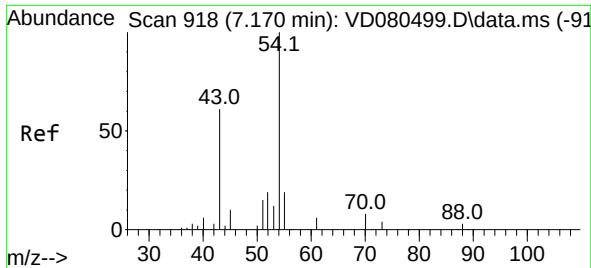
Ion Ratio Lower Upper

75 100

110 35.7 18.1 54.1

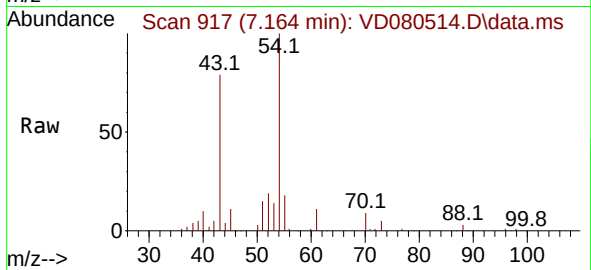
77 31.4 25.7 38.5



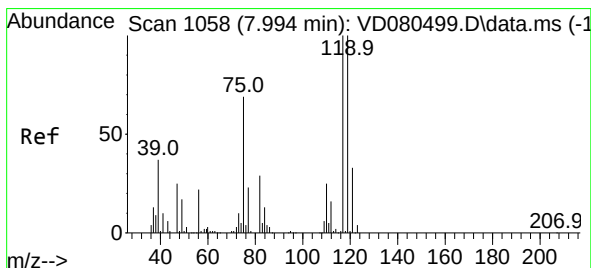
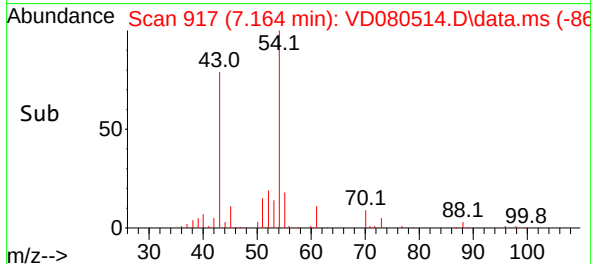
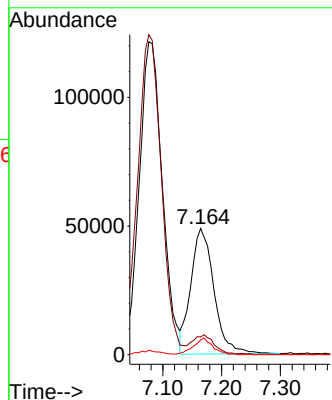


#37
Ethyl Acetate
Concen: 49.879 ug/l
RT: 7.164 min Scan# 917
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Instrument :
MSVOA_D
ClientSampleId :

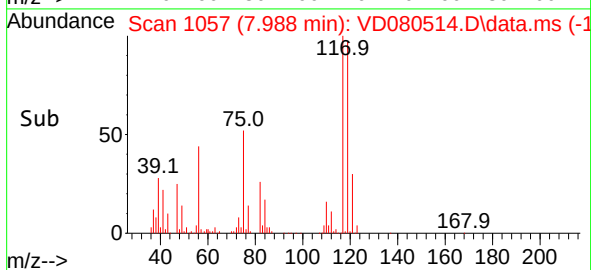
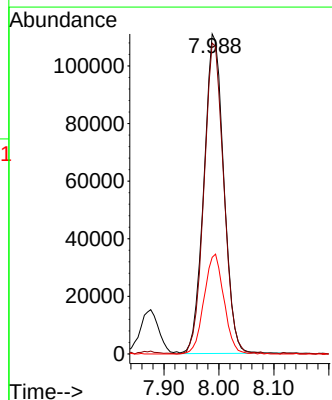
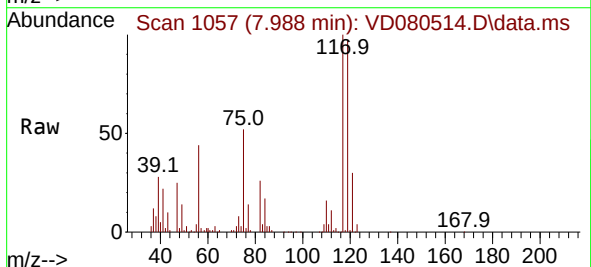


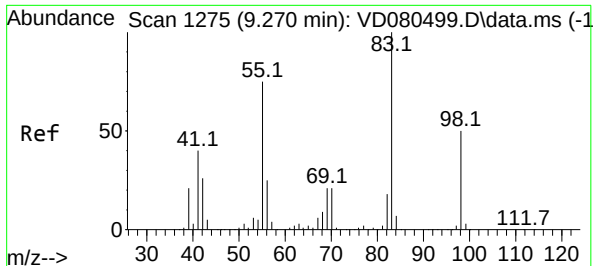
Tgt Ion: 43 Resp: 133810
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.8
70 10.8 9.0 13.4



#38
Carbon Tetrachloride
Concen: 52.423 ug/l
RT: 7.988 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion: 117 Resp: 278348
Ion Ratio Lower Upper
117 100
119 97.4 80.2 120.2
121 30.3 26.8 40.2





#39

Methylcyclohexane

Concen: 51.226 ug/l

RT: 9.270 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

ClientSampleId :

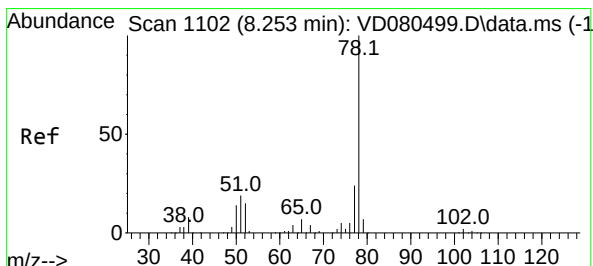
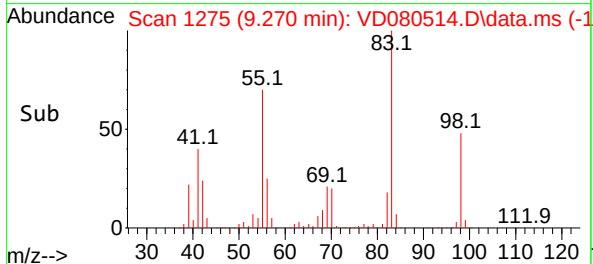
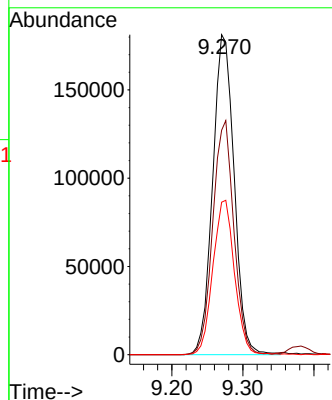
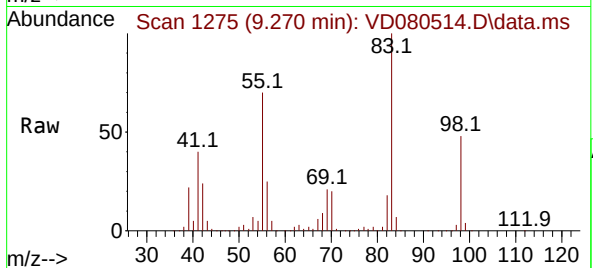
Tgt Ion: 83 Resp: 380388

Ion Ratio Lower Upper

83 100

55 70.2 60.4 90.6

98 47.7 39.8 59.6



#40

Benzene

Concen: 49.365 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080514.D

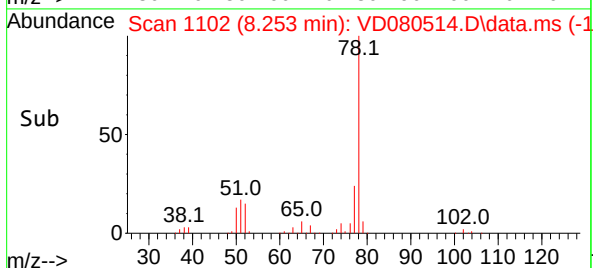
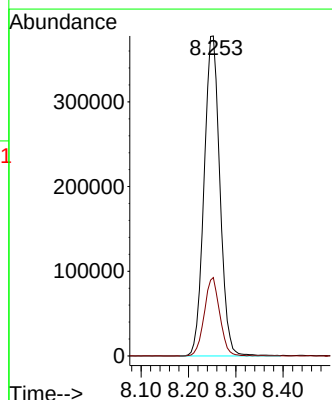
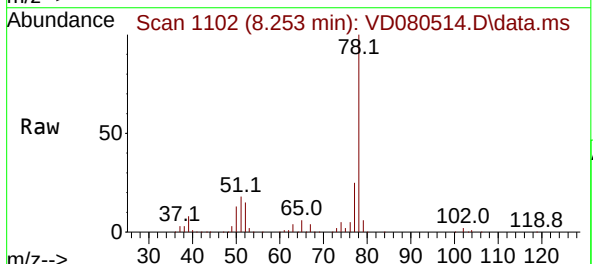
Acq: 05 Sep 2025 09:16

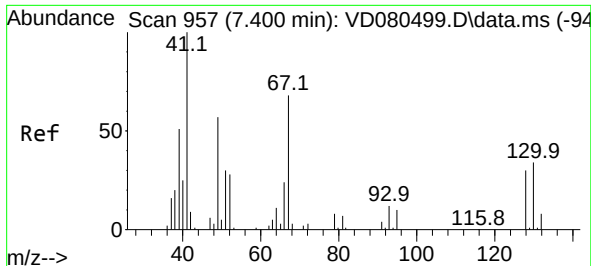
Tgt Ion: 78 Resp: 876473

Ion Ratio Lower Upper

78 100

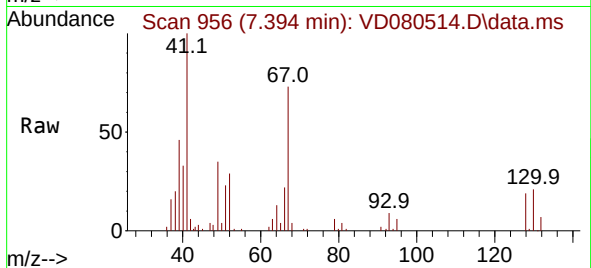
77 24.5 19.0 28.6



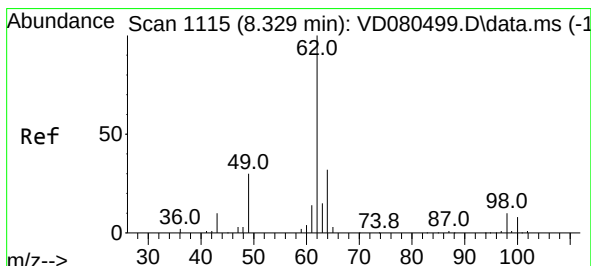
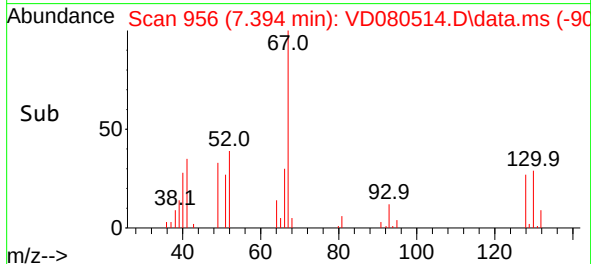
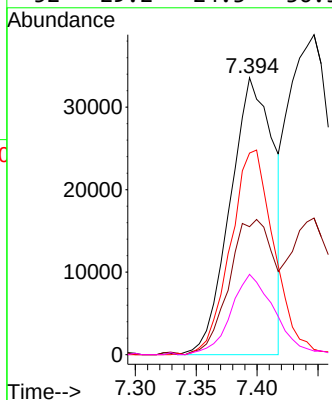


#41
Methacrylonitrile
Concen: 52.304 ug/l
RT: 7.394 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Instrument :
MSVOA_D
ClientSampleId :

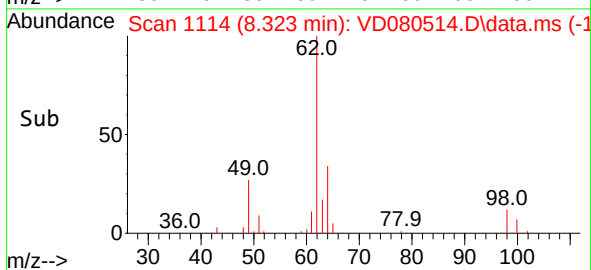
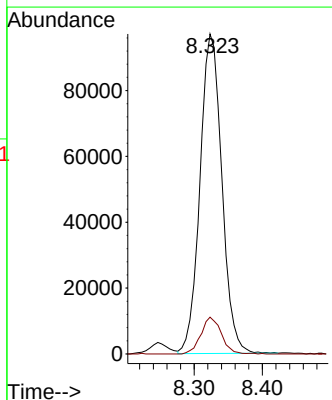
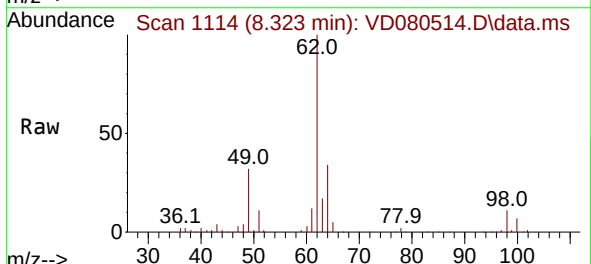


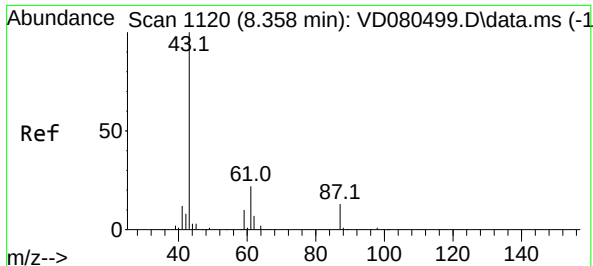
Tgt Ion: 41 Resp: 83306
Ion Ratio Lower Upper
41 100
39 49.6 50.1 75.1#
67 74.0 60.8 91.2
52 29.2 24.3 36.5



#42
1,2-Dichloroethane
Concen: 50.392 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion: 62 Resp: 216711
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.0





#43

Isopropyl Acetate

Concen: 49.189 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. -0.000 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

ClientSampleId :

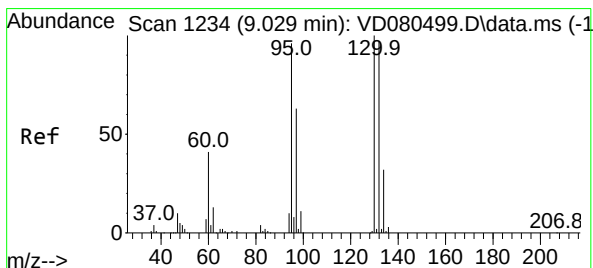
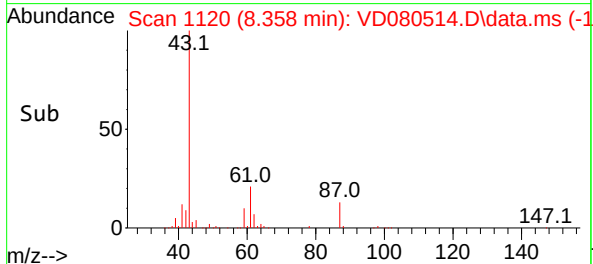
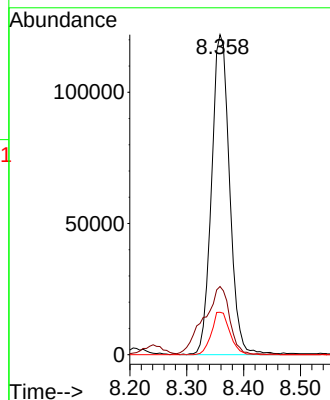
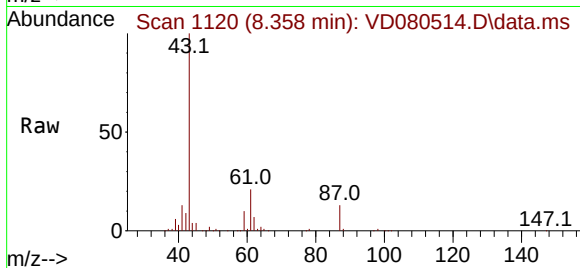
Tgt Ion: 43 Resp: 268487

Ion Ratio Lower Upper

43 100

61 30.0 24.3 36.5

87 13.5 10.9 16.3



#44

Trichloroethene

Concen: 50.601 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VD080514.D

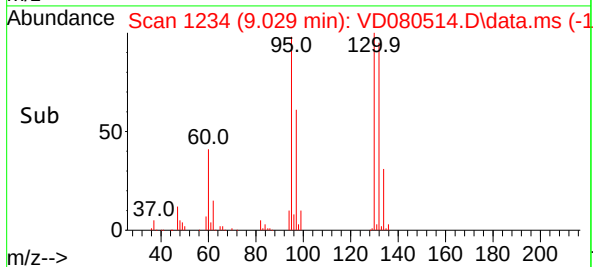
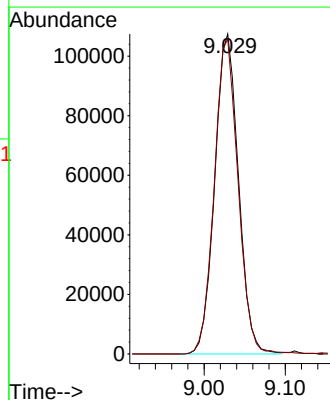
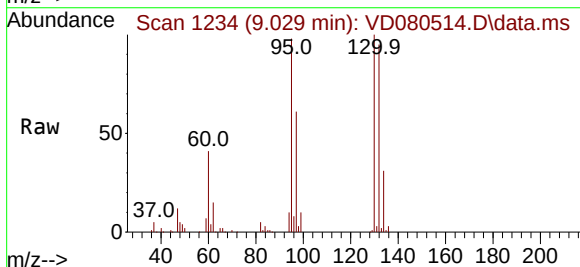
Acq: 05 Sep 2025 09:16

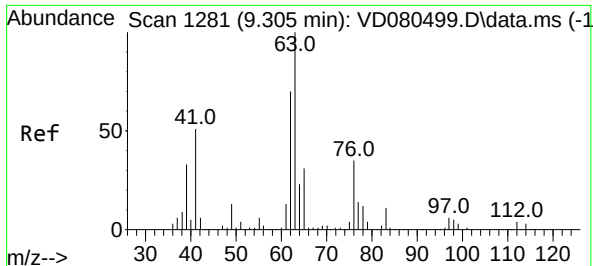
Tgt Ion:130 Resp: 217962

Ion Ratio Lower Upper

130 100

95 98.5 0.0 191.8





#45

1,2-Dichloropropane

Concen: 48.459 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

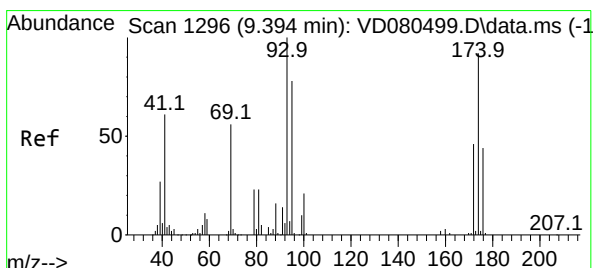
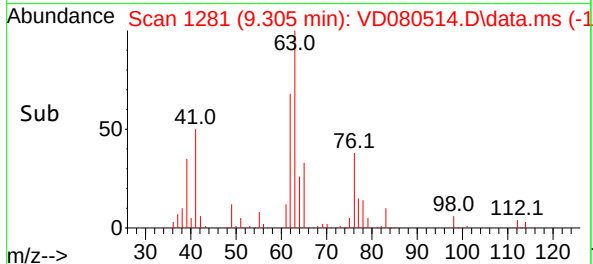
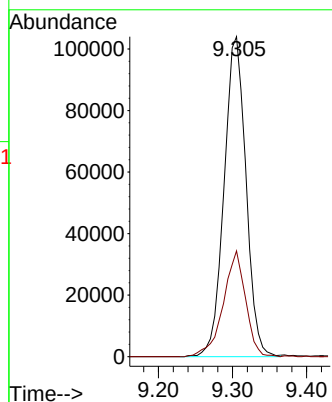
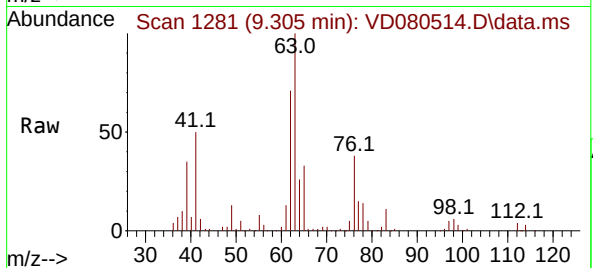
ClientSampleId :

Tgt Ion: 63 Resp: 213378

Ion Ratio Lower Upper

63 100

65 33.0 24.9 37.3



#46

Dibromomethane

Concen: 51.542 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

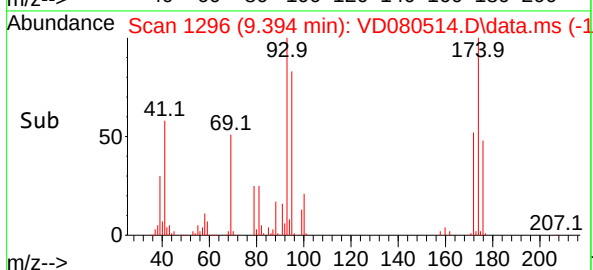
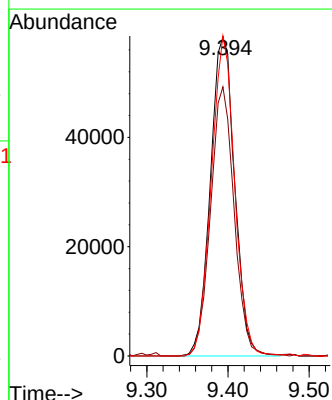
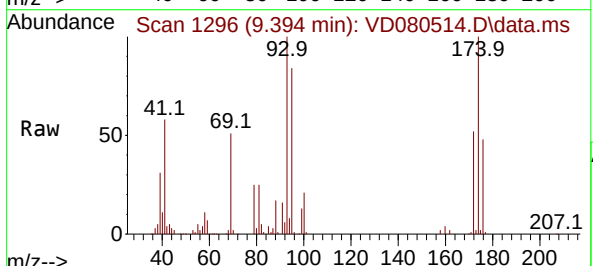
Tgt Ion: 93 Resp: 121589

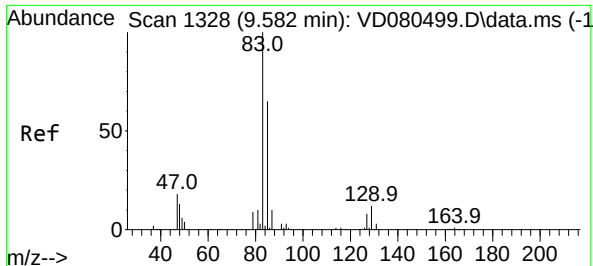
Ion Ratio Lower Upper

93 100

95 81.9 66.3 99.5

174 96.3 74.8 112.2

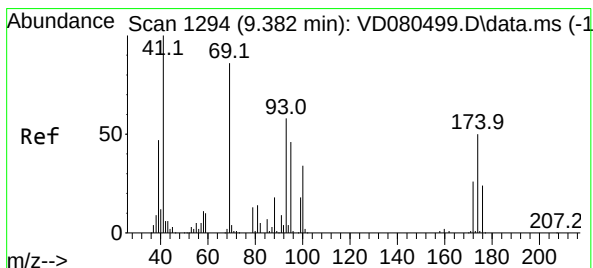
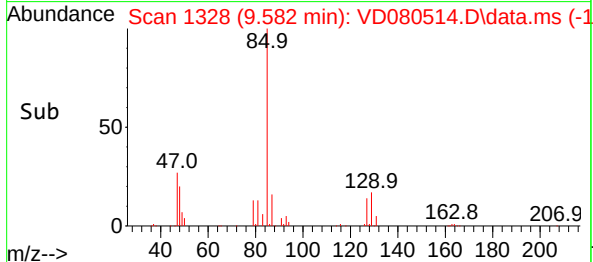
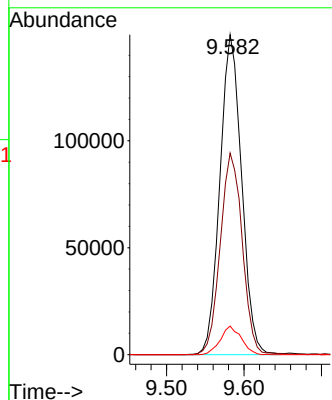
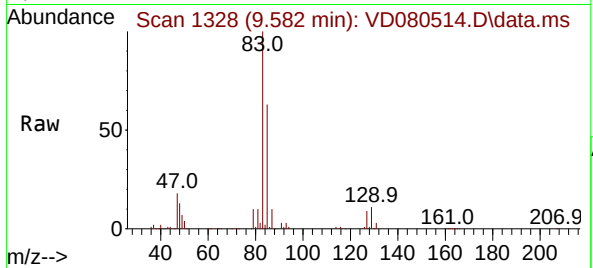




#47
Bromodichloromethane
Concen: 50.676 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

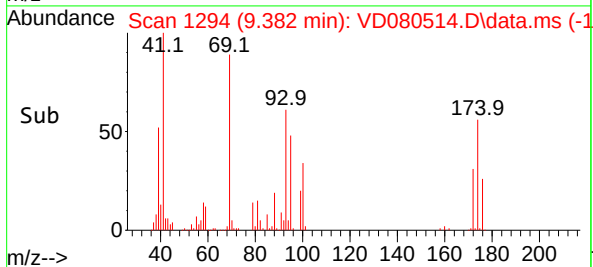
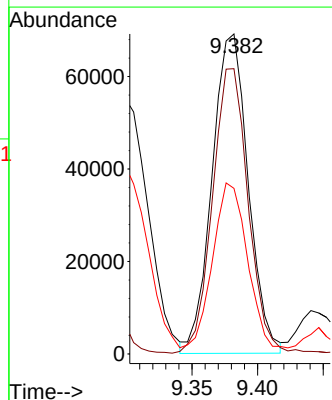
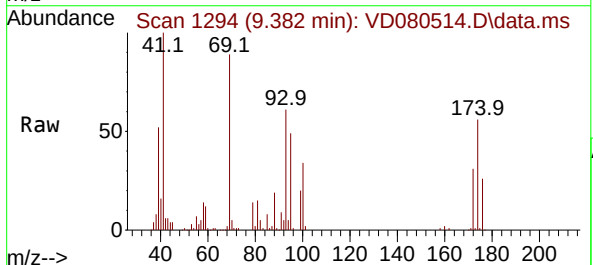
Instrument :
MSVOA_D
ClientSampleId :

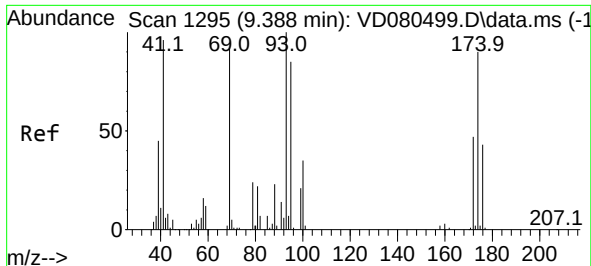
Tgt Ion: 83 Resp: 291436
Ion Ratio Lower Upper
83 100
85 63.0 52.2 78.2
127 8.9 6.6 9.8



#48
Methyl methacrylate
Concen: 48.959 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion: 41 Resp: 132474
Ion Ratio Lower Upper
41 100
69 88.2 68.7 103.1
39 49.6 36.5 54.7





#49

1,4-Dioxane

Concen: 1009.150 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.006 min

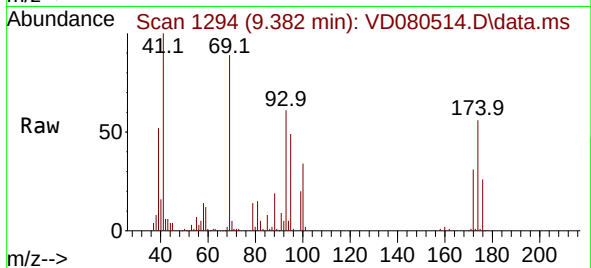
Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

ClientSampleId :



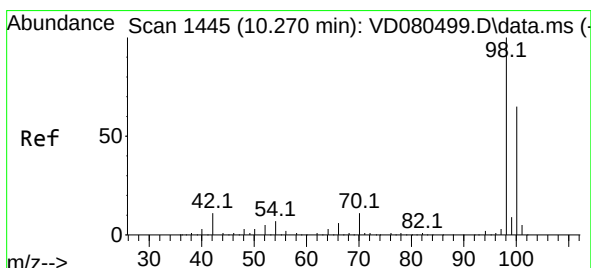
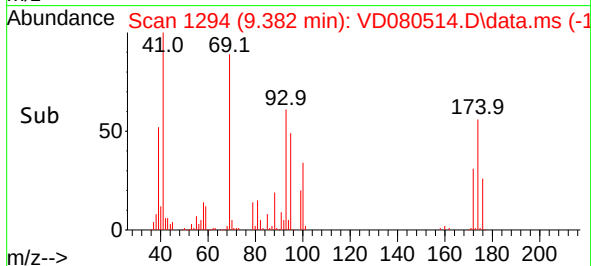
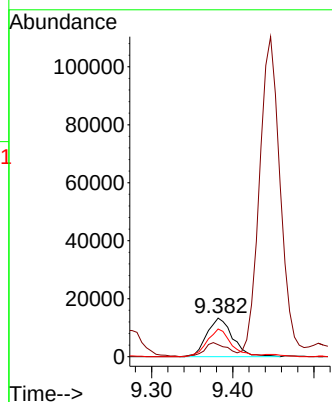
Tgt Ion: 88 Resp: 29431

Ion Ratio Lower Upper

88 100

43 32.6 26.1 39.1

58 67.3 54.2 81.2



#50

Toluene-d8

Concen: 47.861 ug/l

RT: 10.264 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VD080514.D

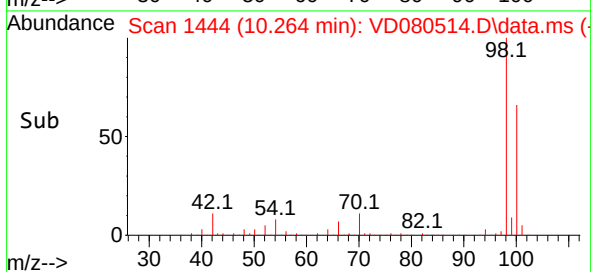
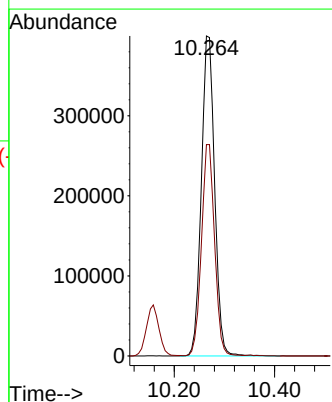
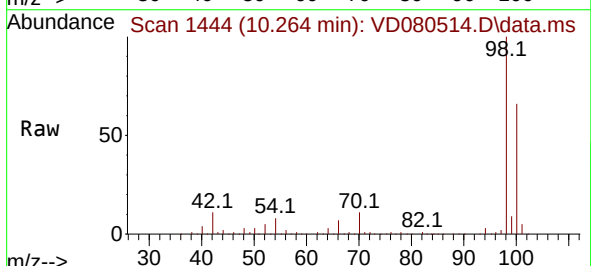
Acq: 05 Sep 2025 09:16

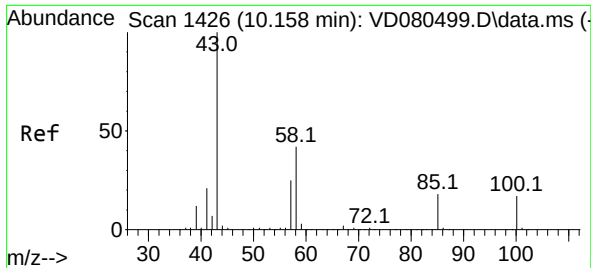
Tgt Ion: 98 Resp: 734012

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.6

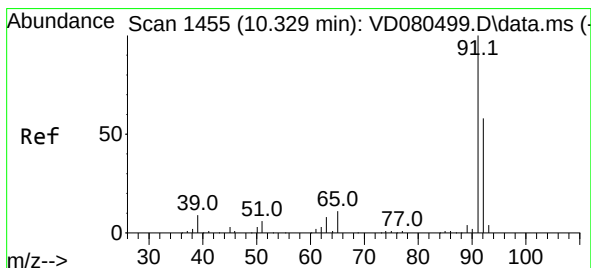
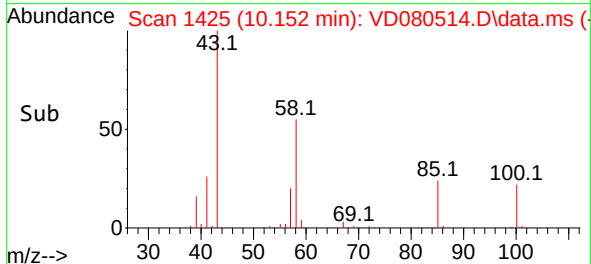
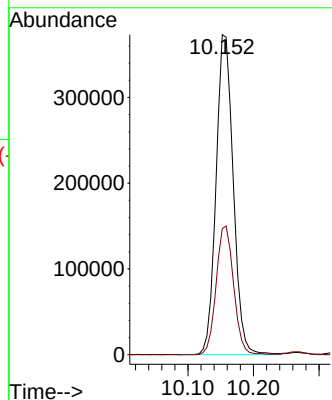
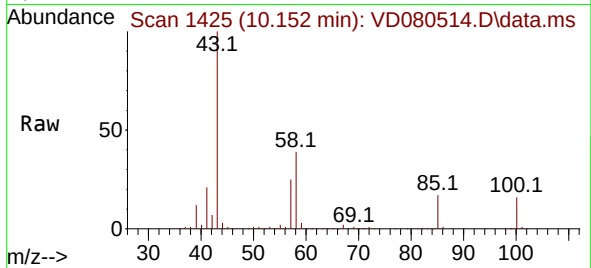




#51
4-Methyl-2-Pentanone
Concen: 249.536 ug/l
RT: 10.152 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

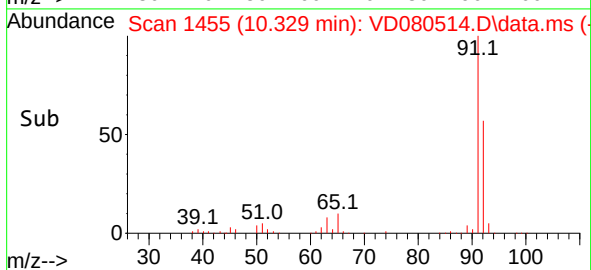
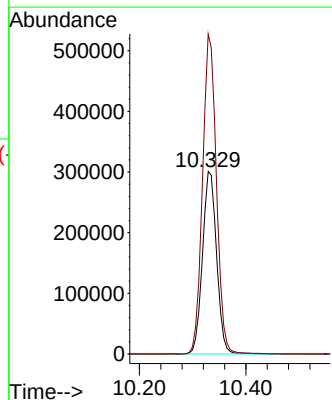
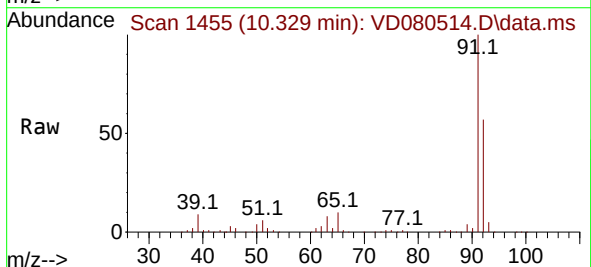
Instrument :
MSVOA_D
ClientSampleId :

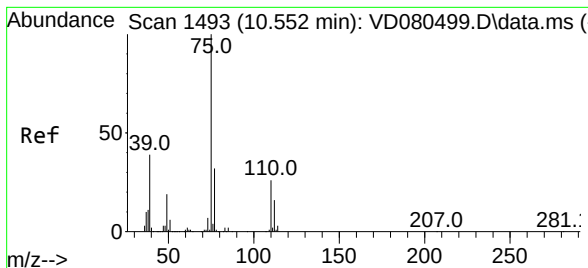
Tgt Ion: 43 Resp: 679265
Ion Ratio Lower Upper
43 100
58 40.7 32.8 49.2



#52
Toluene
Concen: 49.887 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion: 92 Resp: 552374
Ion Ratio Lower Upper
92 100
91 172.7 138.8 208.2

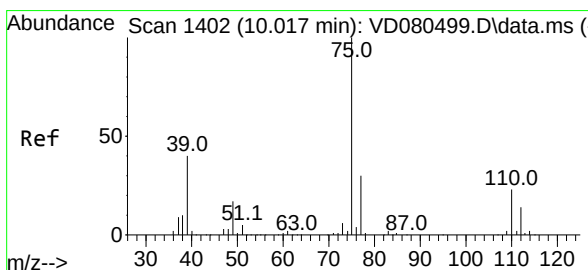
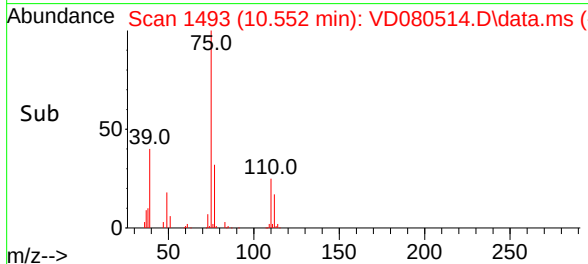
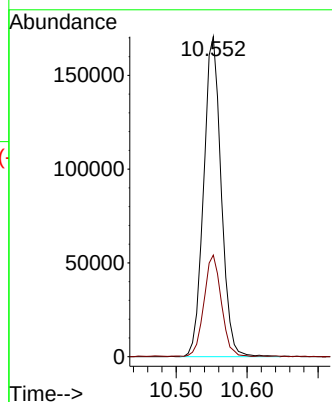
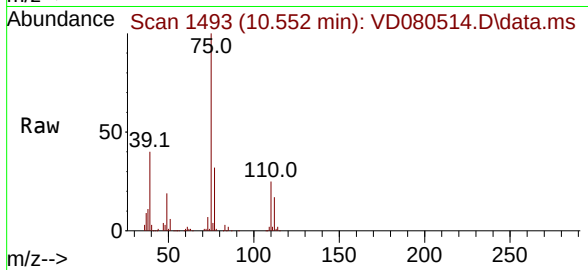




#53
 t-1,3-Dichloropropene
 Concen: 50.062 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

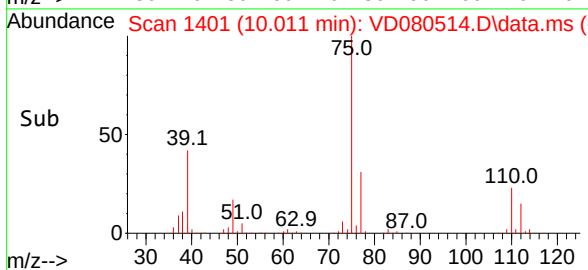
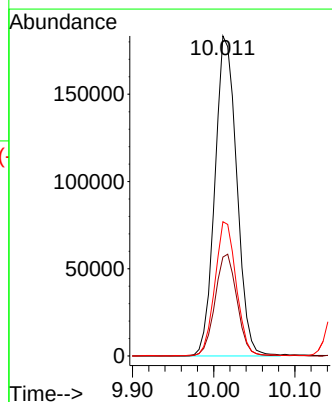
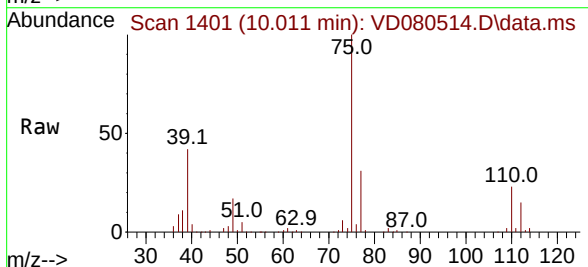
Instrument :
 MSVOA_D
 ClientSampleId :

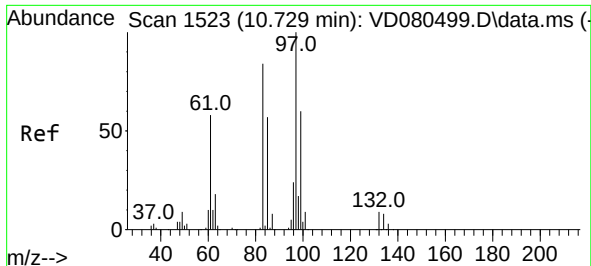
Tgt Ion: 75 Resp: 293413
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.004 ug/l
 RT: 10.011 min Scan# 1401
 Delta R.T. -0.006 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

Tgt Ion: 75 Resp: 343474
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.2 36.4
 39 41.8 31.8 47.6

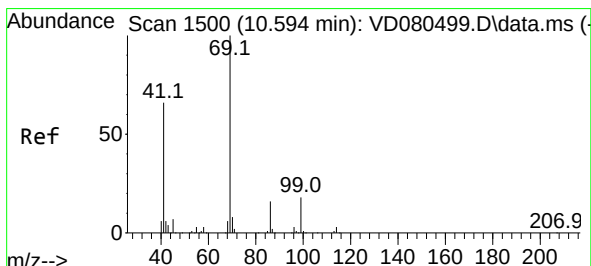
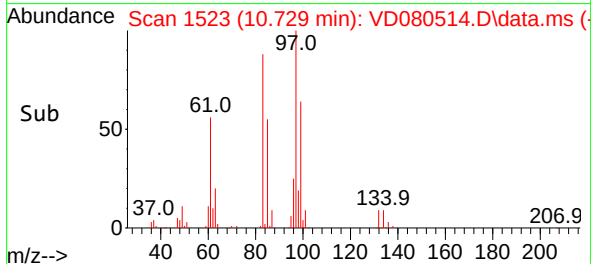
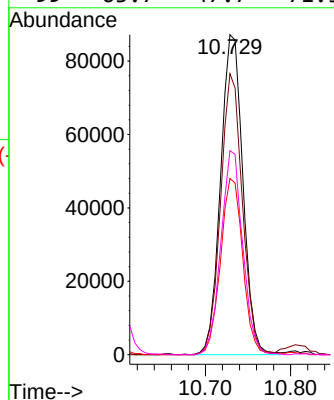
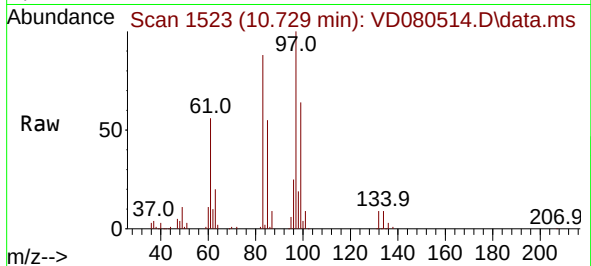




#55
1,1,2-Trichloroethane
Concen: 50.286 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

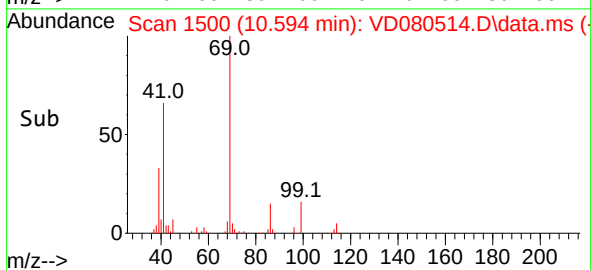
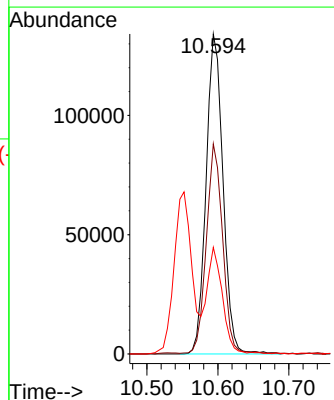
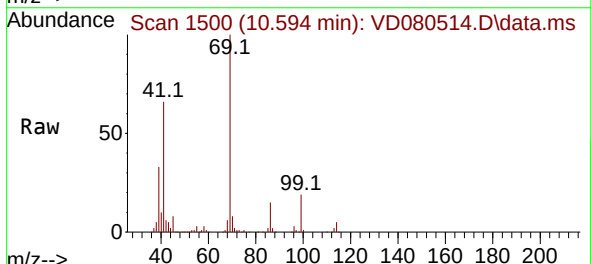
Instrument :
MSVOA_D
ClientSampleId :

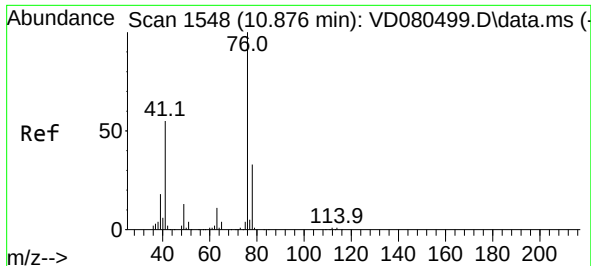
Tgt Ion:	97	Resp:	159049
Ion	Ratio	Lower	Upper
97	100		
83	87.8	67.0	100.6
85	55.1	45.6	68.4
99	63.7	47.7	71.5



#56
Ethyl methacrylate
Concen: 50.398 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion:	69	Resp:	222090
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.9	77.9
39	30.2	23.6	35.4





#57

1,3-Dichloropropane

Concen: 49.816 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

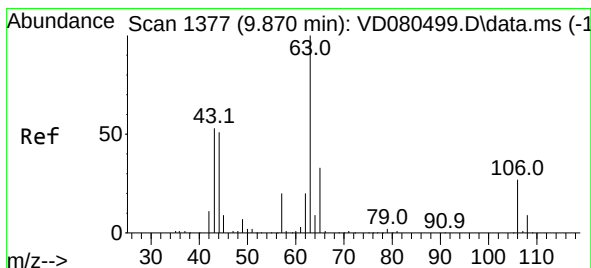
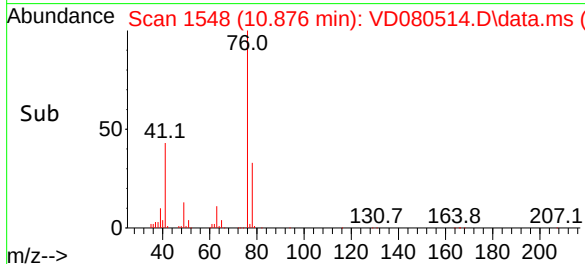
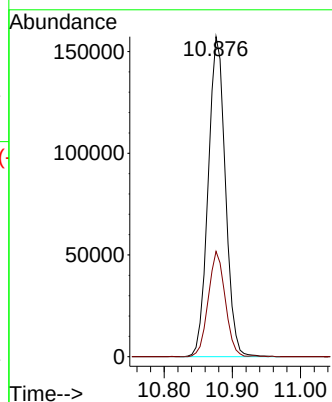
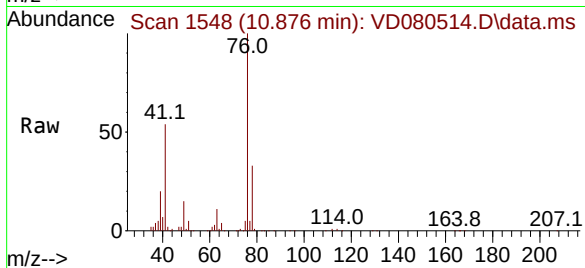
ClientSampleId :

Tgt Ion: 76 Resp: 276529

Ion Ratio Lower Upper

76 100

78 32.4 26.9 40.3



#58

2-Chloroethyl Vinyl ether

Concen: 255.443 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080514.D

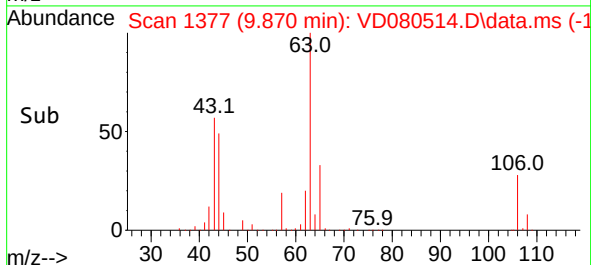
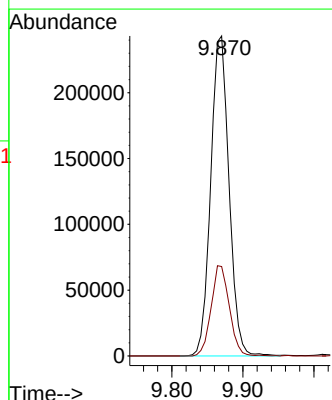
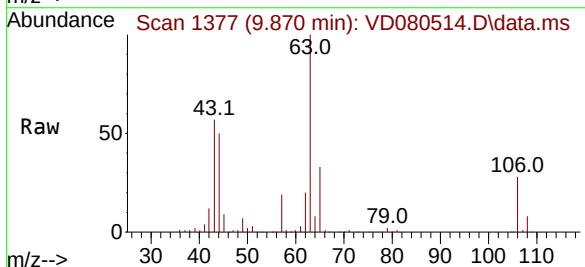
Acq: 05 Sep 2025 09:16

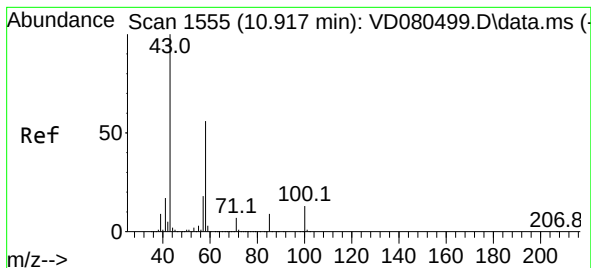
Tgt Ion: 63 Resp: 435611

Ion Ratio Lower Upper

63 100

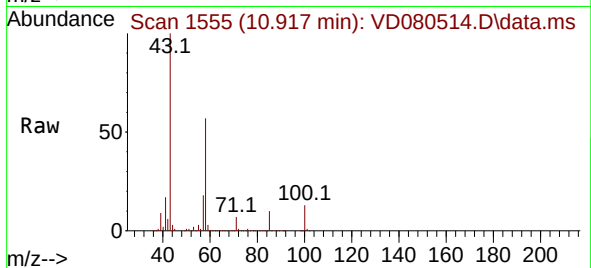
106 28.0 22.1 33.1



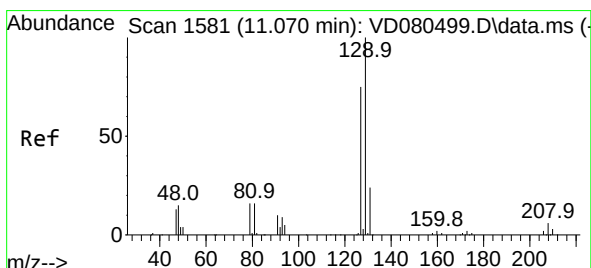
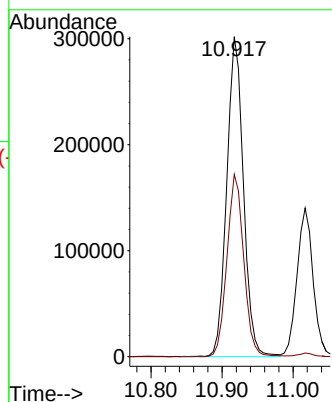
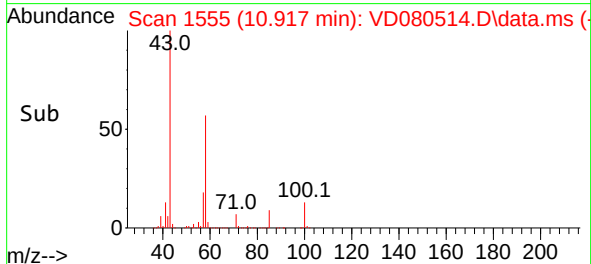


#59
2-Hexanone
Concen: 254.612 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Instrument :
MSVOA_D
ClientSampleId :

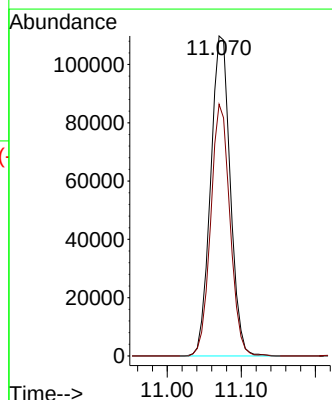
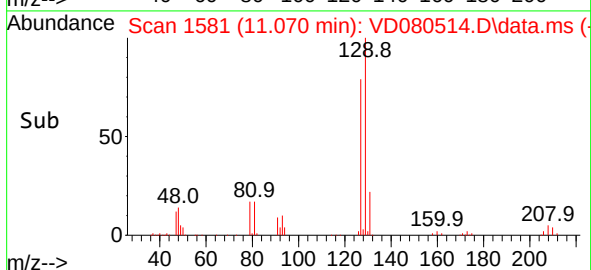
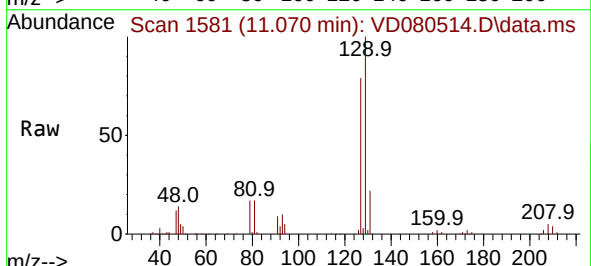


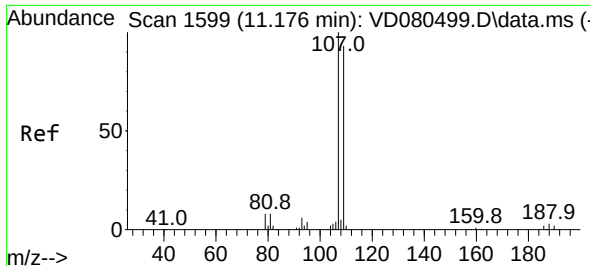
Tgt Ion: 43 Resp: 492452
Ion Ratio Lower Upper
43 100
58 57.3 28.3 85.0



#60
Dibromochloromethane
Concen: 50.728 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion:129 Resp: 202203
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

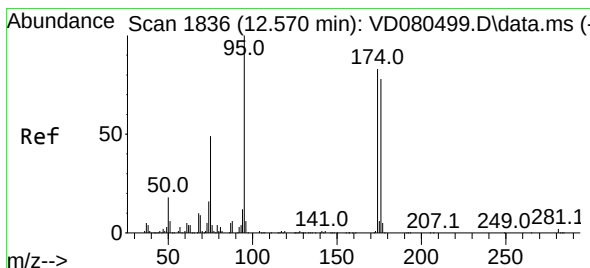
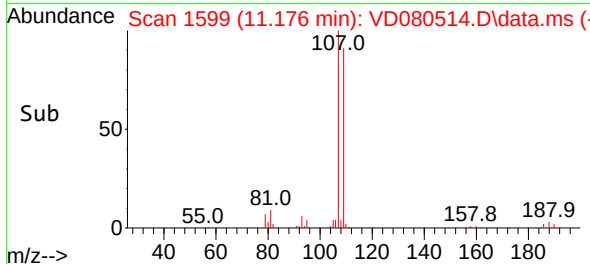
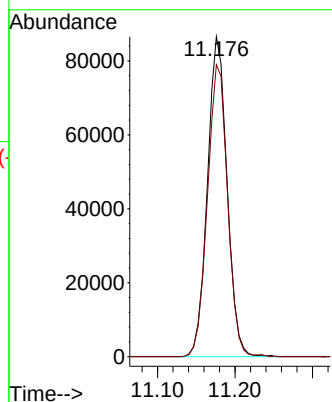
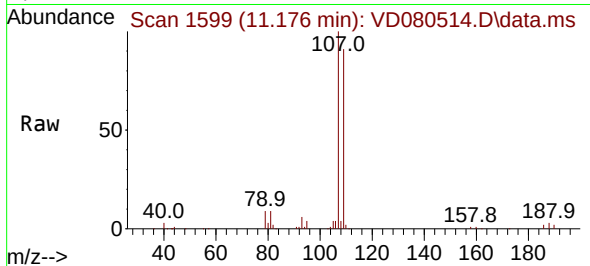




#61
1,2-Dibromoethane
Concen: 50.720 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

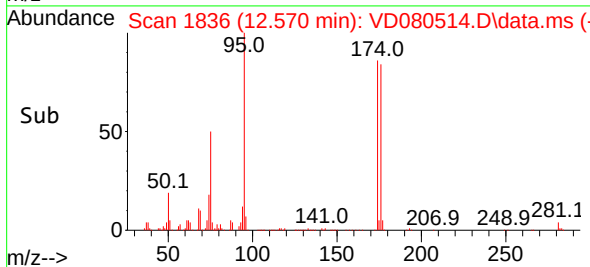
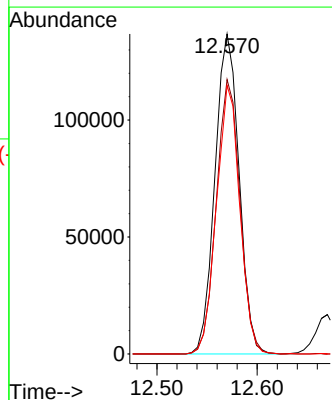
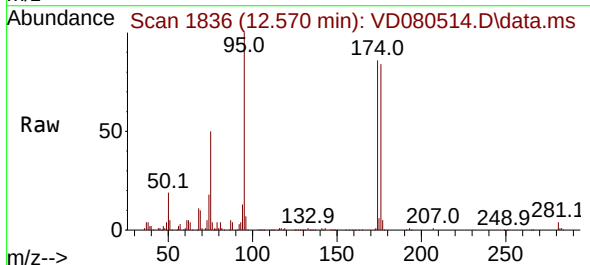
Instrument :
MSVOA_D
ClientSampleId :

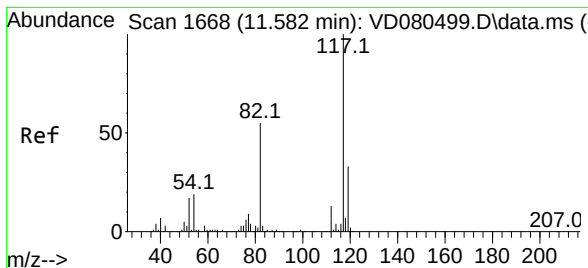
Tgt Ion:107 Resp: 152644
Ion Ratio Lower Upper
107 100
109 93.5 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 47.207 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

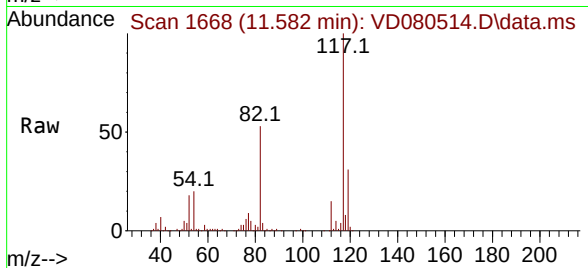
Tgt Ion: 95 Resp: 228225
Ion Ratio Lower Upper
95 100
174 84.0 0.0 162.6
176 81.3 0.0 156.0



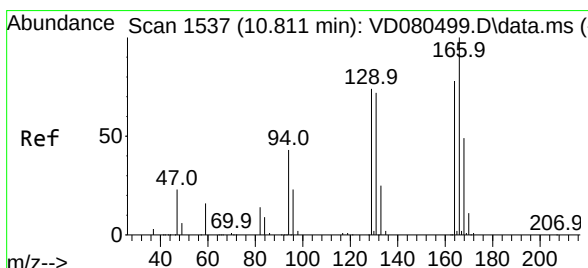
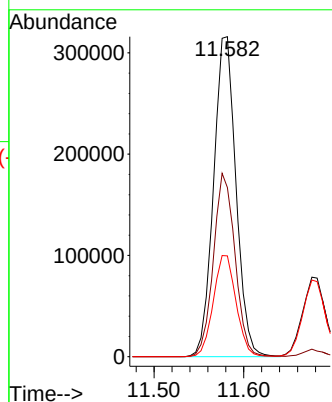
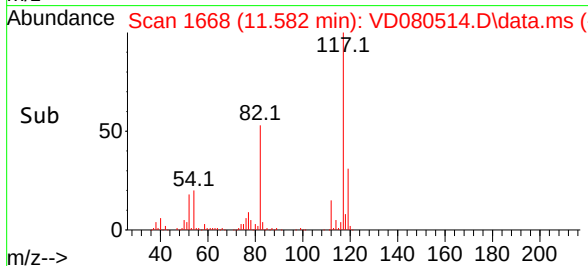


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

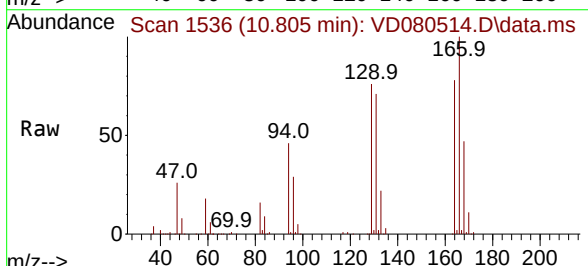
Instrument :
MSVOA_D
ClientSampleId :



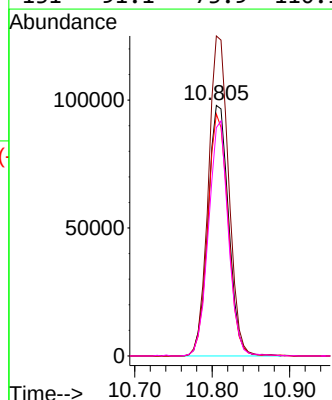
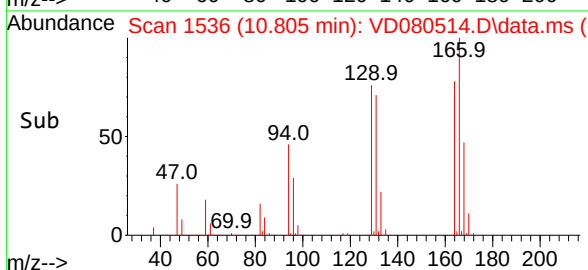
Tgt Ion:117 Resp: 548625
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.6
119 31.5 26.1 39.1

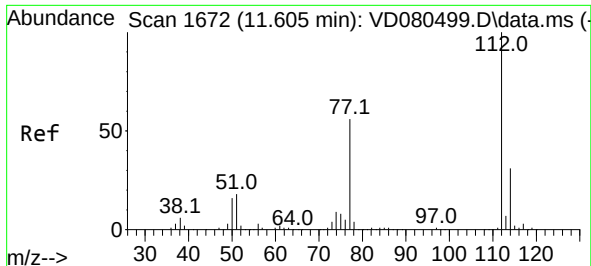


#64
Tetrachloroethene
Concen: 53.447 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16



Tgt Ion:164 Resp: 181084
Ion Ratio Lower Upper
164 100
166 127.7 103.1 154.7
129 96.5 76.2 114.2
131 91.1 73.9 110.9

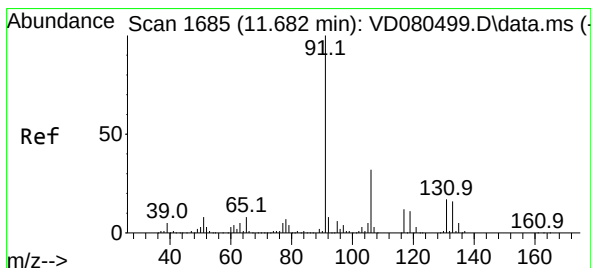
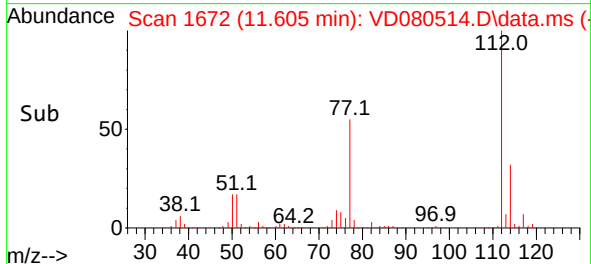
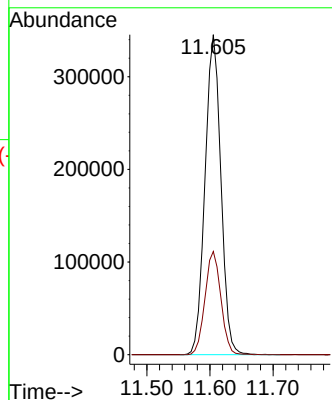
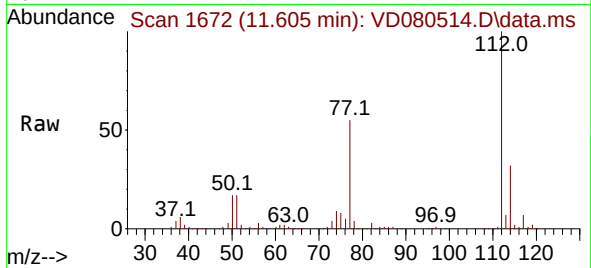




#65
Chlorobenzene
Concen: 51.501 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

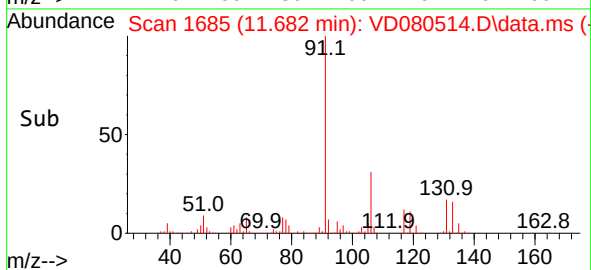
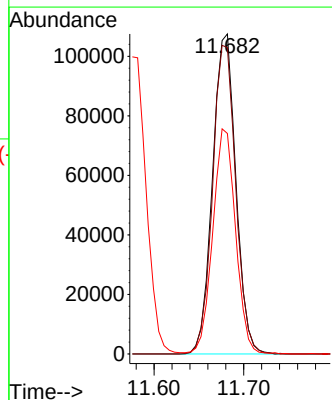
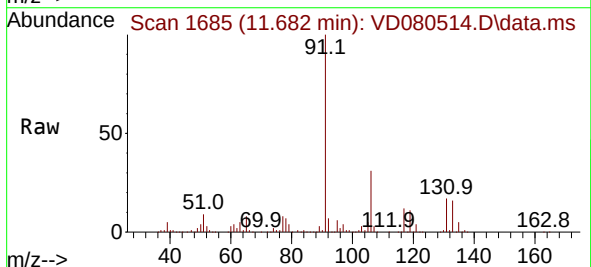
Instrument :
MSVOA_D
ClientSampleId :

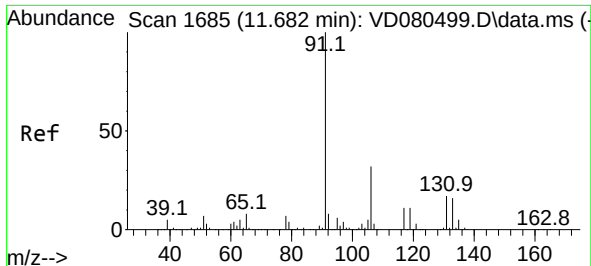
Tgt Ion:112 Resp: 602103
Ion Ratio Lower Upper
112 100
114 32.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.949 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion:131 Resp: 193718
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.3
119 69.1 34.6 103.9

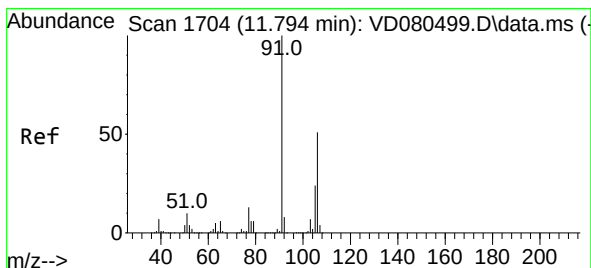
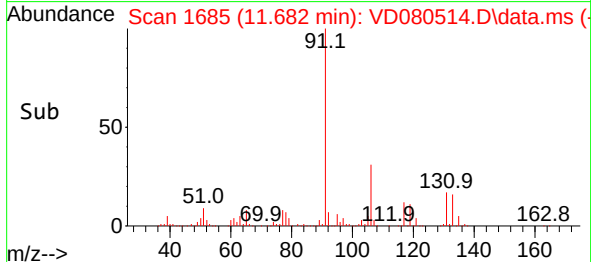
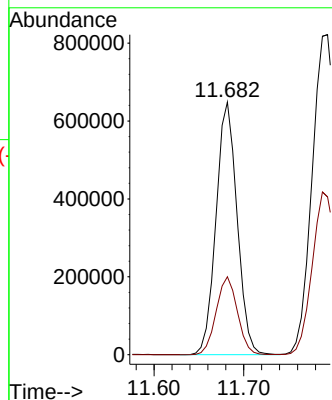
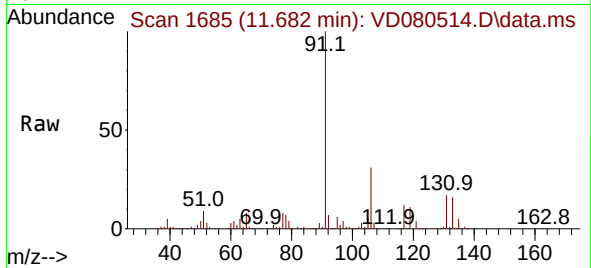




#67
Ethyl Benzene
Concen: 52.248 ug/l
RT: 11.682 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

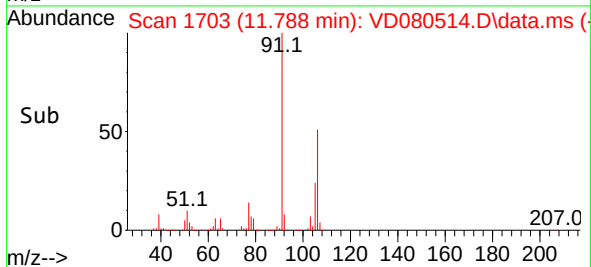
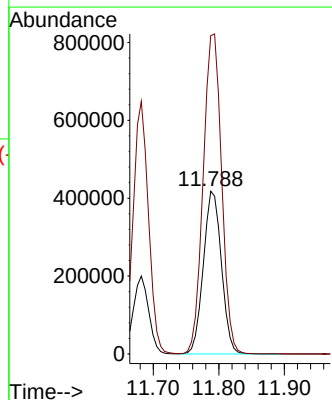
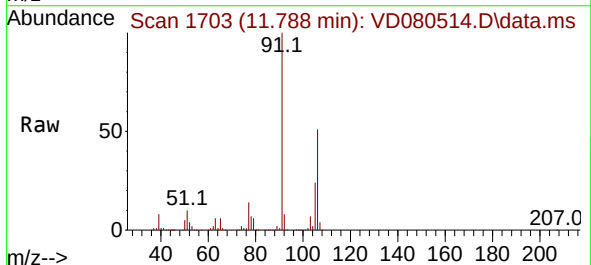
Instrument :
MSVOA_D
ClientSampleId :

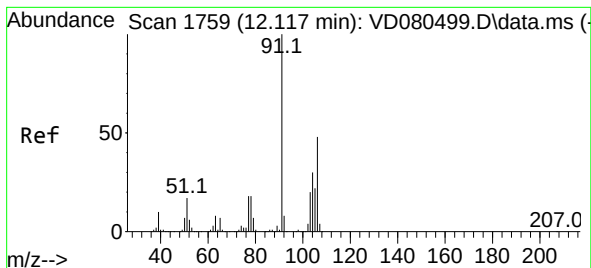
Tgt Ion: 91 Resp: 1057257
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.0



#68
m/p-Xylenes
Concen: 102.906 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion:106 Resp: 801783
Ion Ratio Lower Upper
106 100
91 200.6 158.5 237.7





#69

o-Xylene

Concen: 51.916 ug/l

RT: 12.117 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

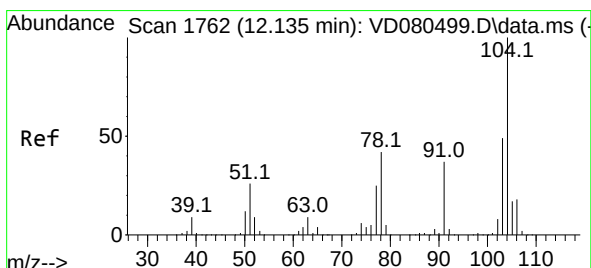
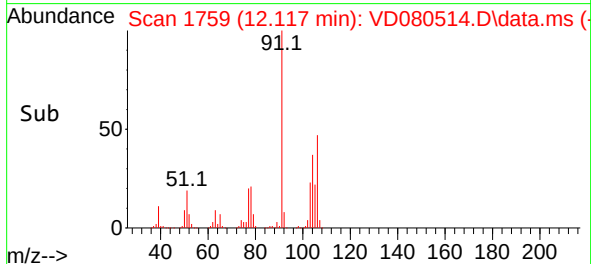
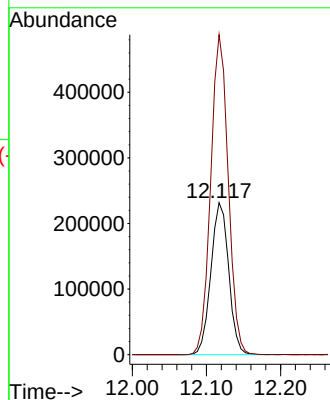
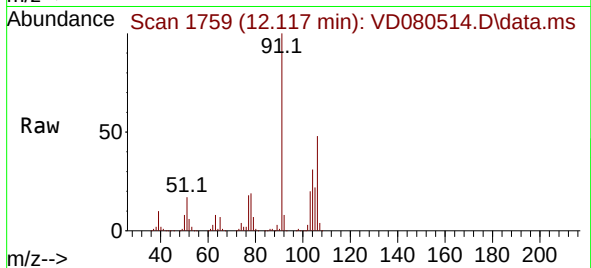
ClientSampleId :

Tgt Ion:106 Resp: 386006

Ion Ratio Lower Upper

106 100

91 207.6 105.3 315.8



#70

Styrene

Concen: 51.692 ug/l

RT: 12.135 min Scan# 1762

Delta R.T. -0.000 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

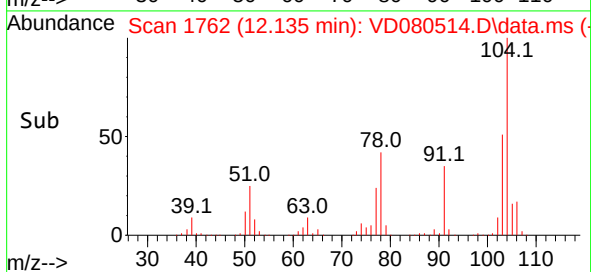
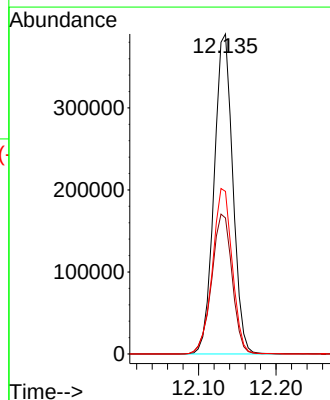
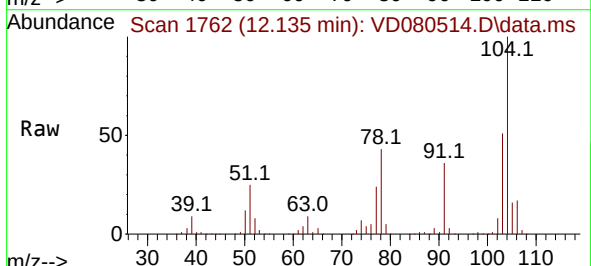
Tgt Ion:104 Resp: 653835

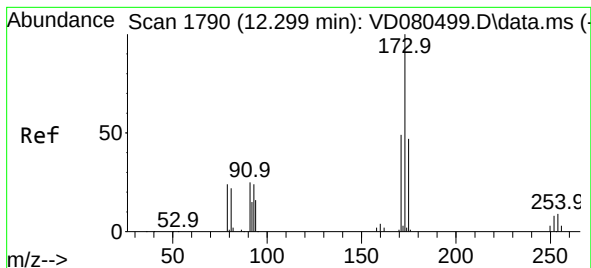
Ion Ratio Lower Upper

104 100

78 47.8 37.9 56.9

103 54.9 43.5 65.3





#71

Bromoform

Concen: 54.120 ug/l

RT: 12.294 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

ClientSampleId :

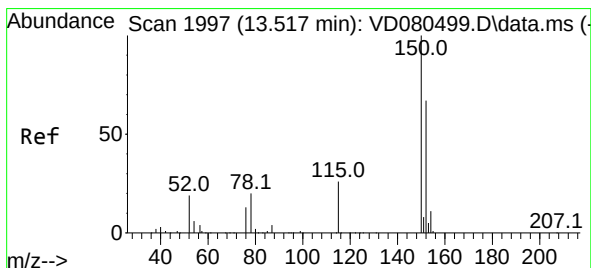
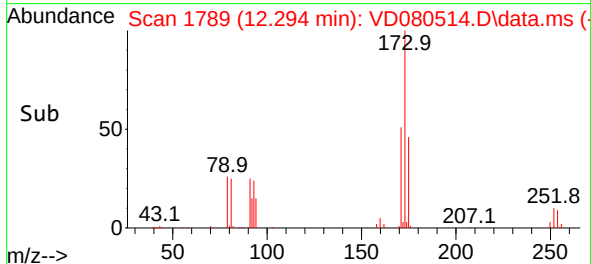
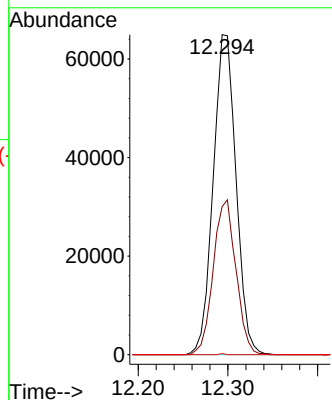
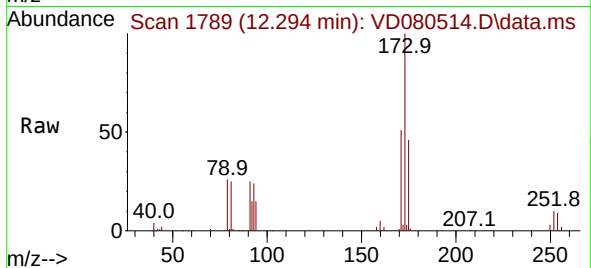
Tgt Ion:173 Resp: 114697

Ion Ratio Lower Upper

173 100

175 48.1 23.9 71.7

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.511 min Scan# 1996

Delta R.T. -0.006 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

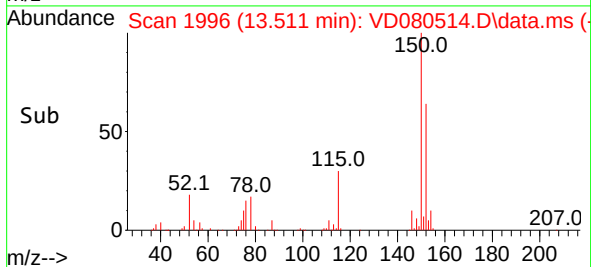
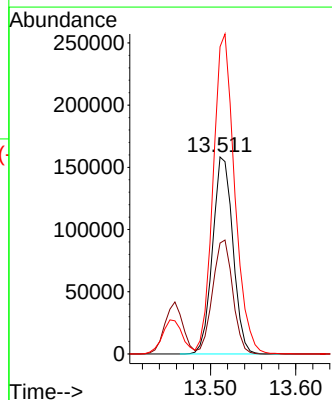
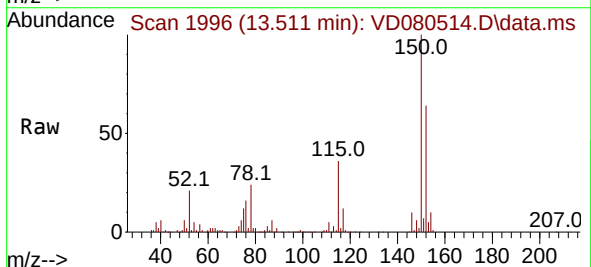
Tgt Ion:152 Resp: 261660

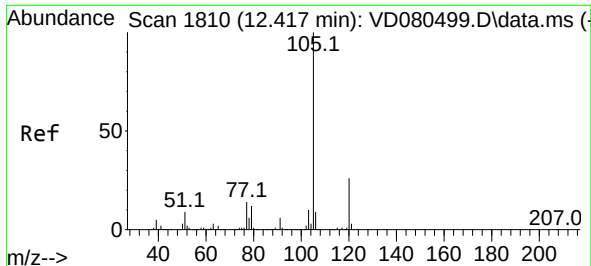
Ion Ratio Lower Upper

152 100

115 57.5 29.0 87.0

150 172.4 0.0 345.0

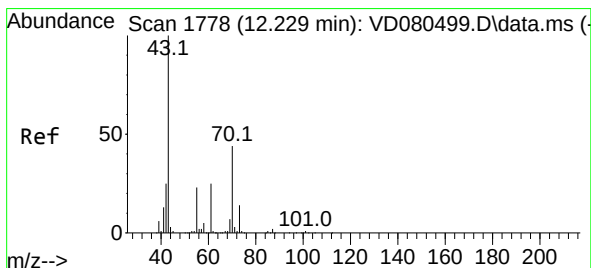
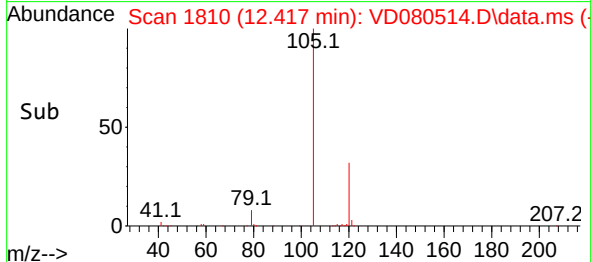
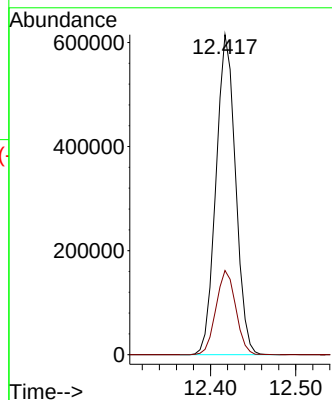
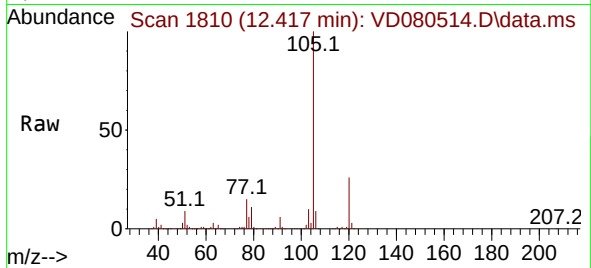




#73
Isopropylbenzene
Concen: 51.093 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

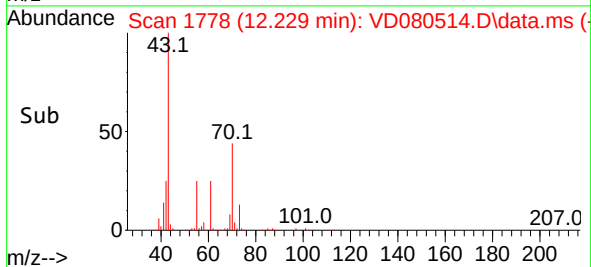
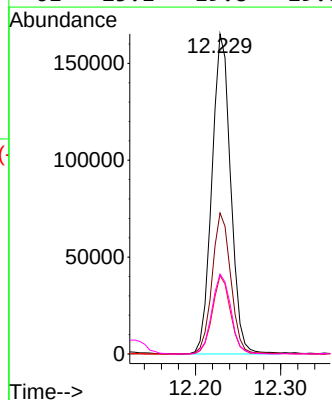
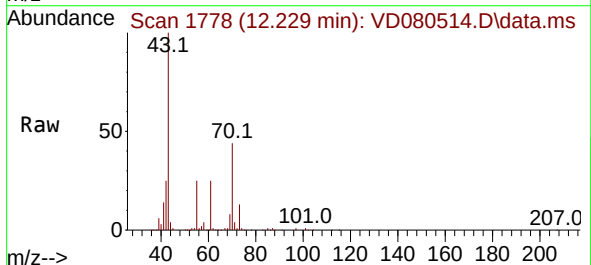
Instrument :
MSVOA_D
ClientSampleId :

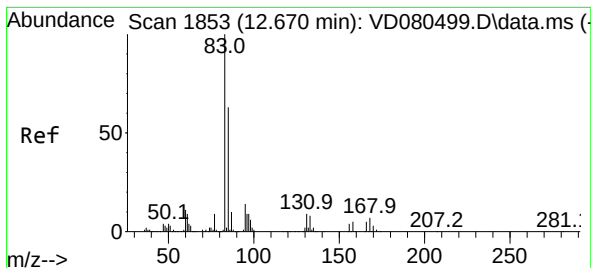
Tgt Ion:105 Resp: 979503
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#74
N-ethyl acetate
Concen: 49.717 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion: 43 Resp: 252930
Ion Ratio Lower Upper
43 100
70 43.7 35.4 53.0
55 23.8 18.6 28.0
61 25.1 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.476 ug/l

RT: 12.670 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

ClientSampleId :

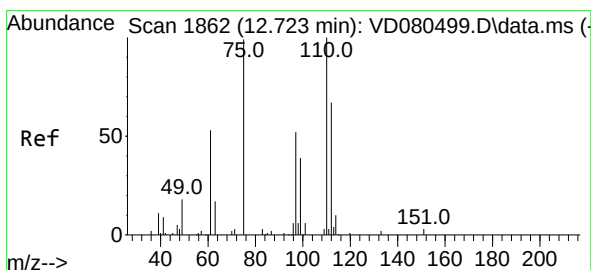
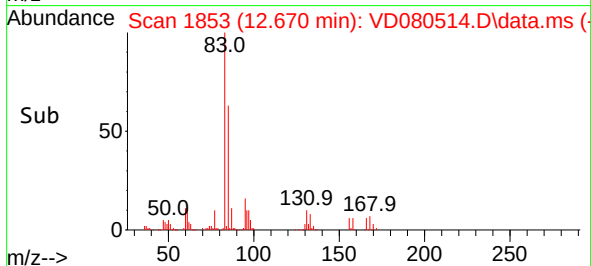
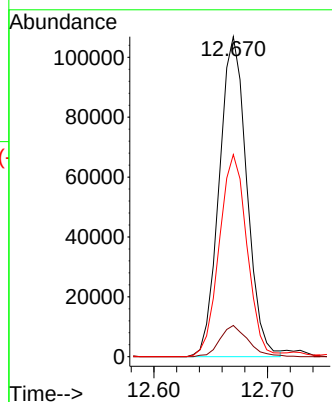
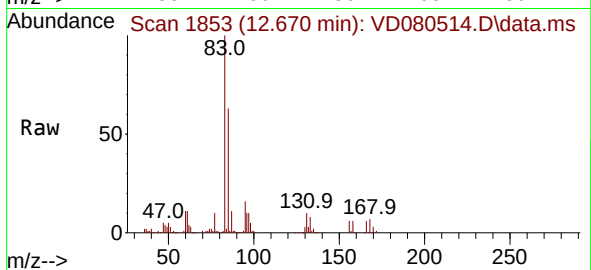
Tgt Ion: 83 Resp: 179908

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 63.8 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 108.220 ug/l

RT: 12.717 min Scan# 1861

Delta R.T. -0.006 min

Lab File: VD080514.D

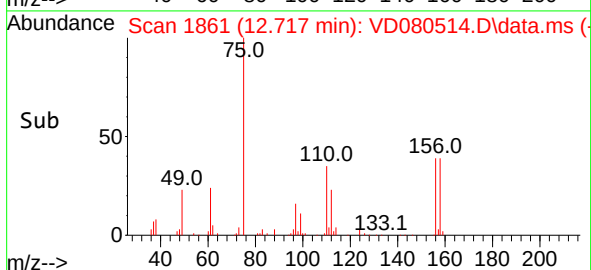
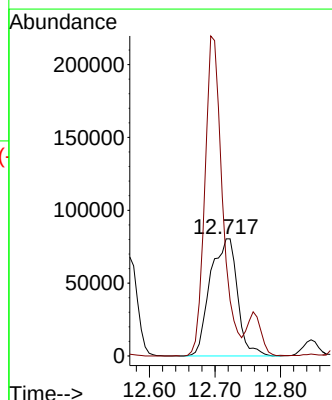
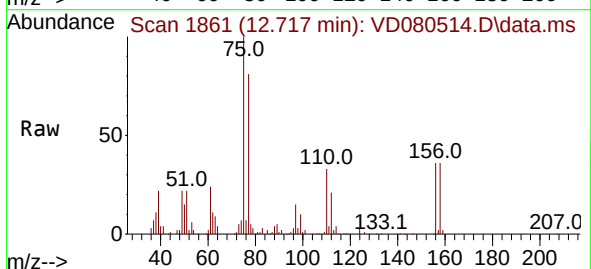
Acq: 05 Sep 2025 09:16

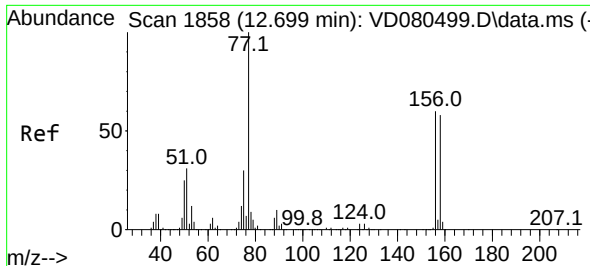
Tgt Ion: 75 Resp: 231109

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

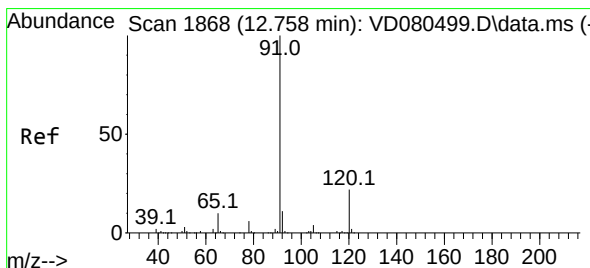
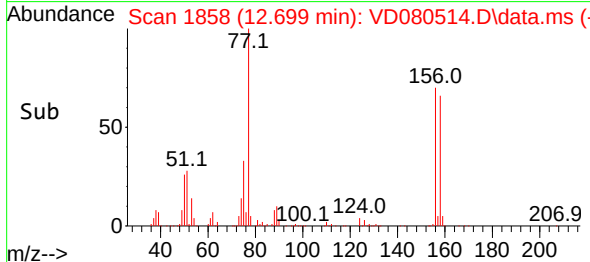
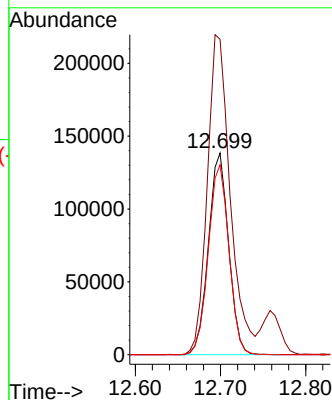
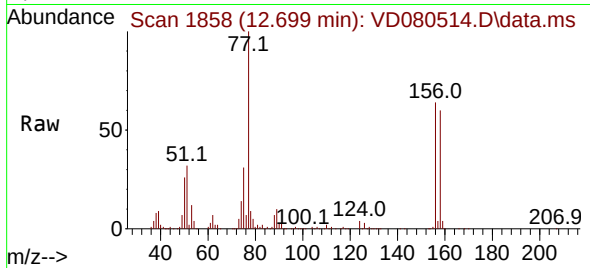




#77
Bromobenzene
Concen: 51.468 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

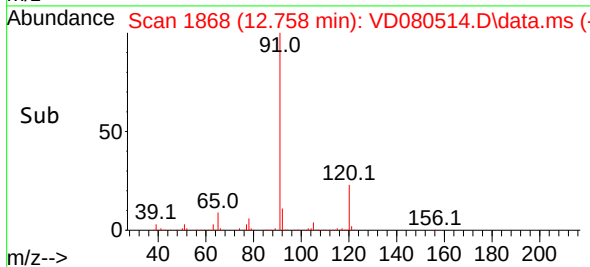
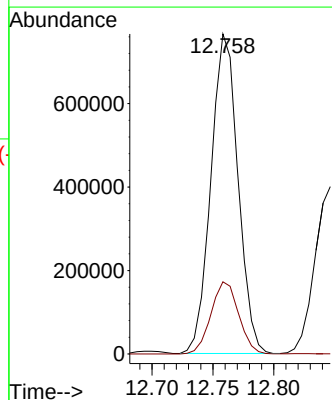
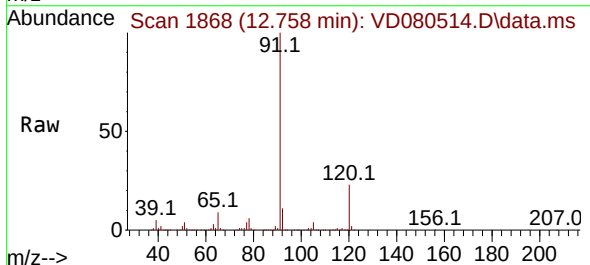
Instrument :
MSVOA_D
ClientSampleId :

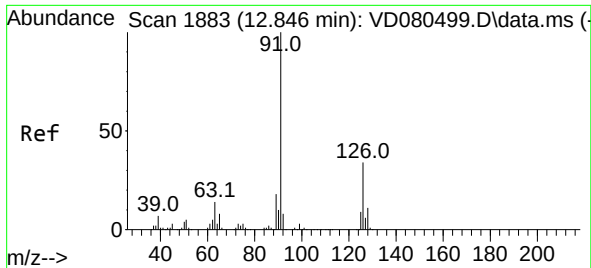
Tgt Ion:156 Resp: 228296
Ion Ratio Lower Upper
156 100
77 180.0 92.5 277.3
158 95.8 47.9 143.6



#78
n-propylbenzene
Concen: 50.960 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion: 91 Resp: 1186307
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.9

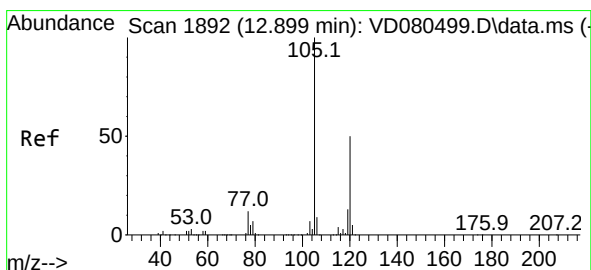
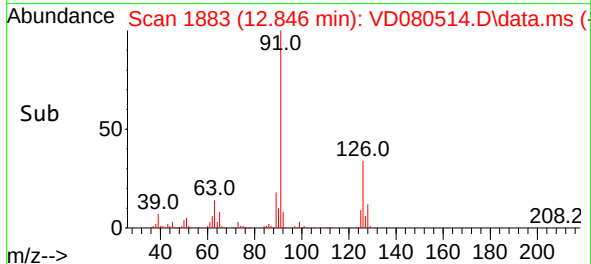
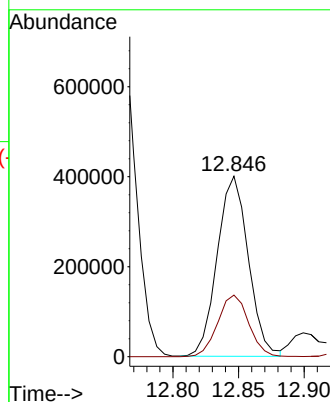
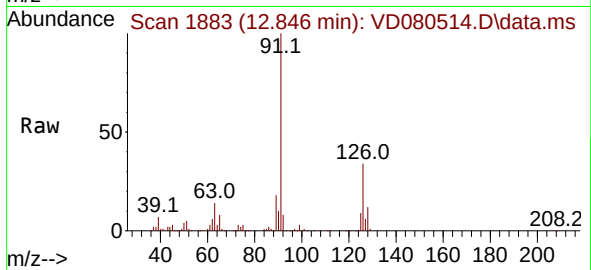




#79
2-Chlorotoluene
Concen: 49.880 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

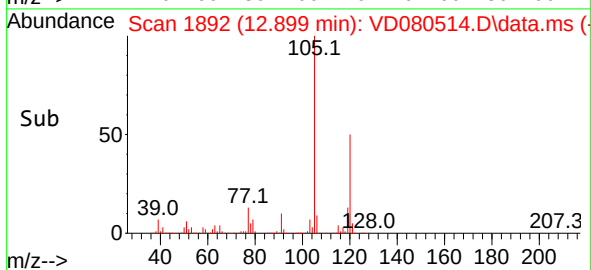
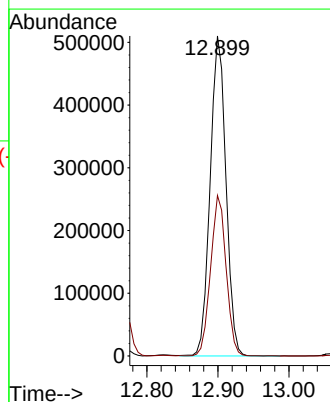
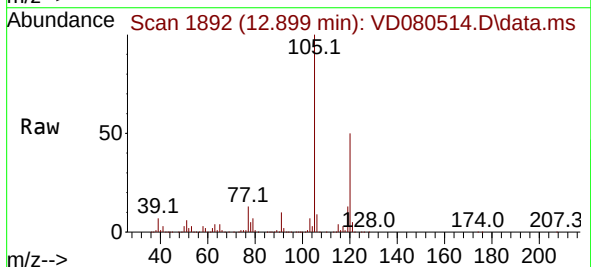
Instrument :
MSVOA_D
ClientSampleId :

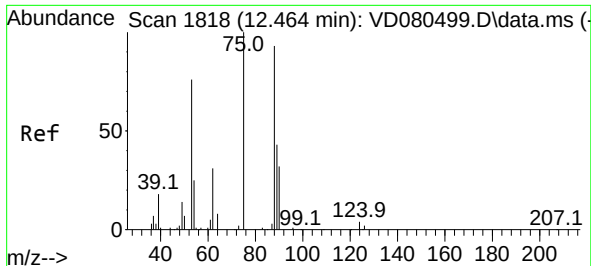
Tgt Ion: 91 Resp: 661660
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 50.589 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion: 105 Resp: 788080
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1

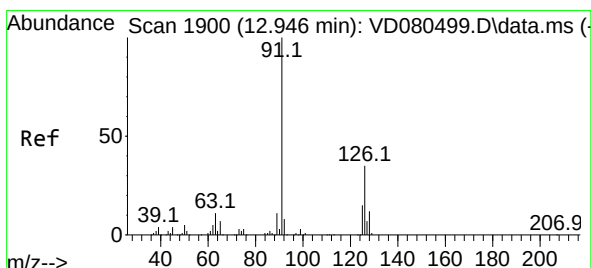
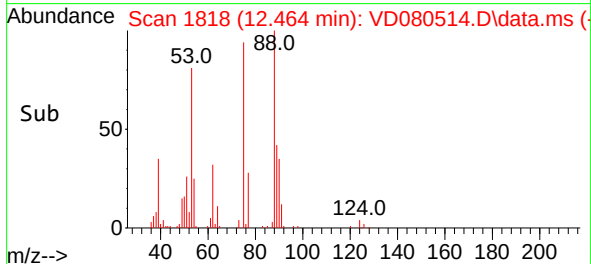
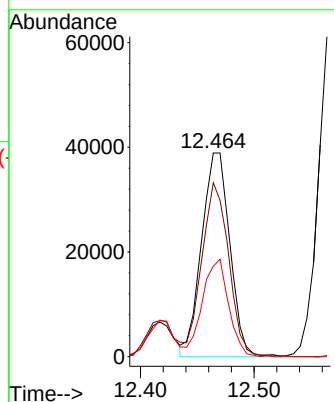
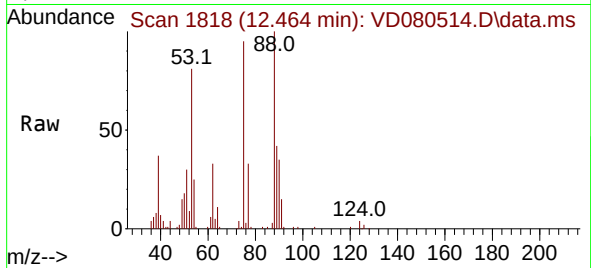




#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.831 ug/l
 RT: 12.464 min Scan# 1818
 Delta R.T. -0.000 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

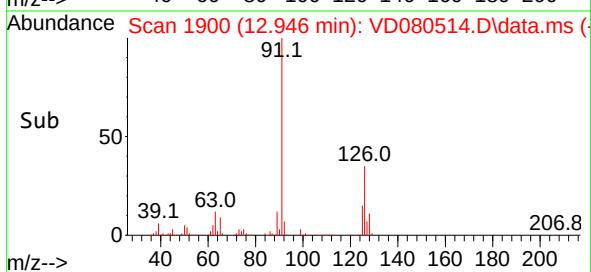
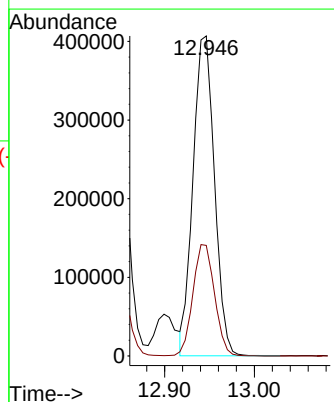
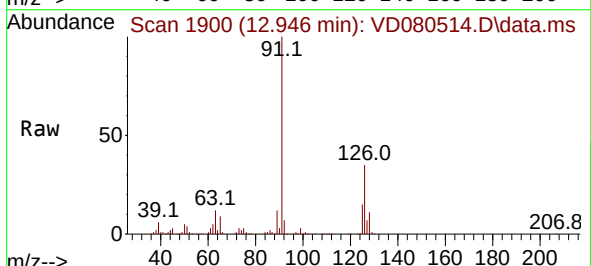
Instrument :
 MSVOA_D
 ClientSampleId :

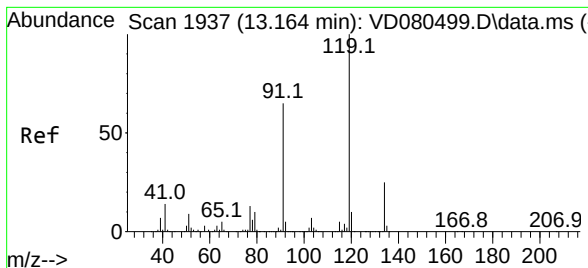
Tgt Ion: 75 Resp: 67299
 Ion Ratio Lower Upper
 75 100
 53 80.8 61.9 92.9
 89 44.0 34.6 52.0



#82
 4-Chlorotoluene
 Concen: 49.366 ug/l
 RT: 12.946 min Scan# 1900
 Delta R.T. -0.000 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

Tgt Ion: 91 Resp: 673566
 Ion Ratio Lower Upper
 91 100
 126 35.3 16.9 50.7





#83

tert-Butylbenzene

Concen: 51.956 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. -0.000 min

Lab File: VD080514.D

Acq: 05 Sep 2025 09:16

Instrument :

MSVOA_D

ClientSampleId :

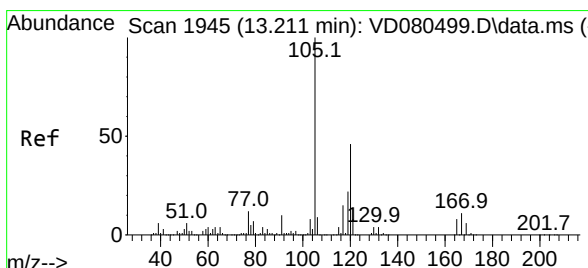
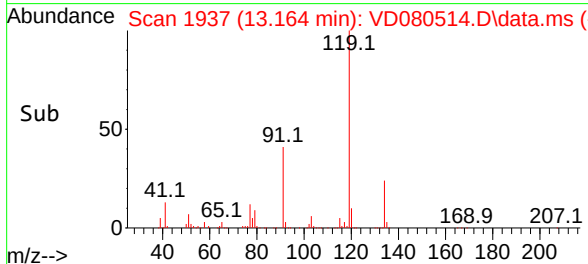
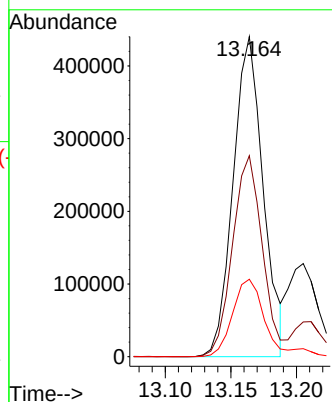
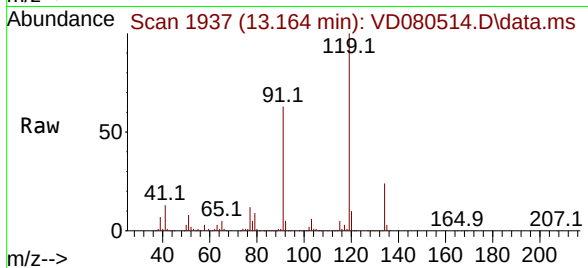
Tgt Ion:119 Resp: 702233

Ion Ratio Lower Upper

119 100

91 63.1 32.0 96.0

134 26.6 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 50.790 ug/l

RT: 13.211 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VD080514.D

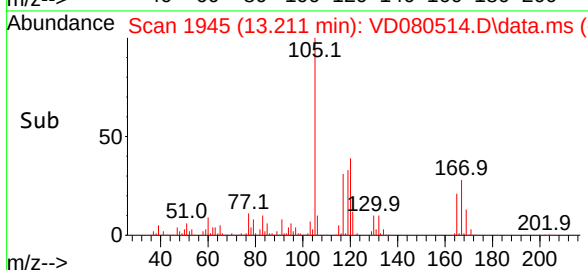
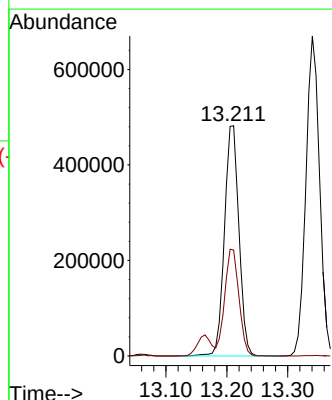
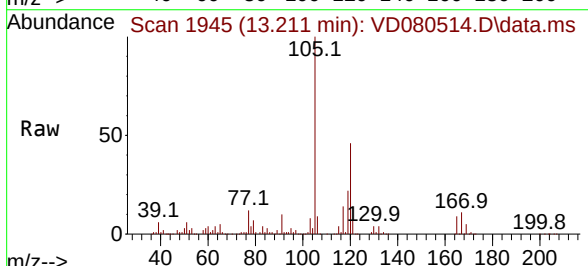
Acq: 05 Sep 2025 09:16

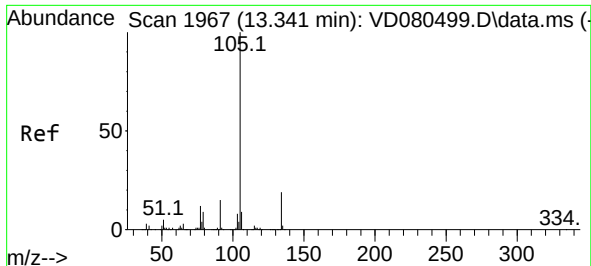
Tgt Ion:105 Resp: 796670

Ion Ratio Lower Upper

105 100

120 45.5 22.5 67.5

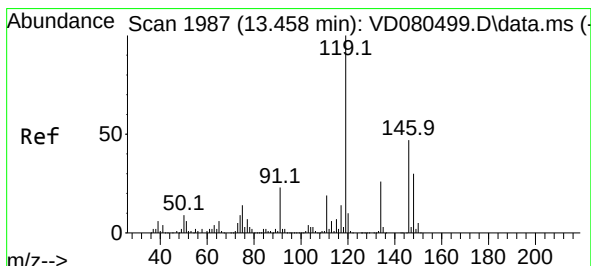
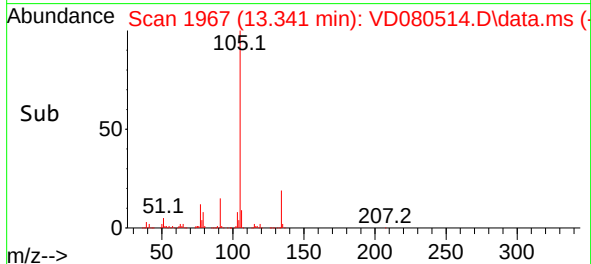
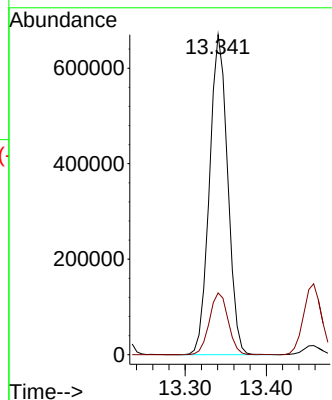
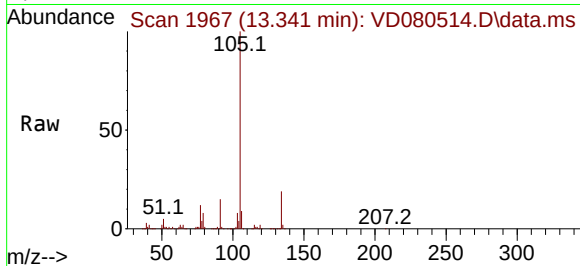




#85
 sec-Butylbenzene
 Concen: 51.669 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

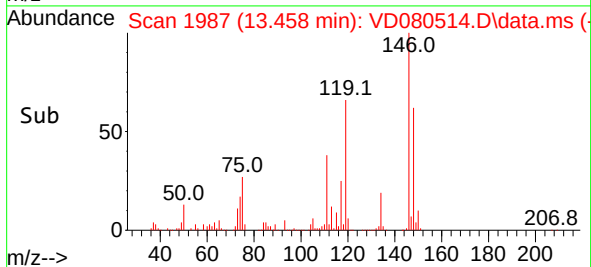
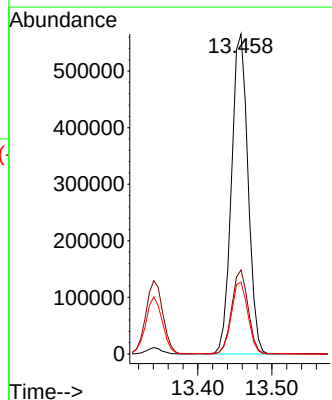
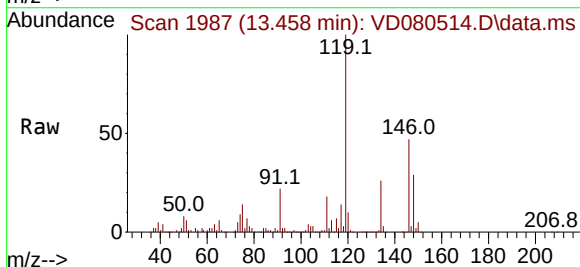
Instrument :
 MSVOA_D
 ClientSampleId :

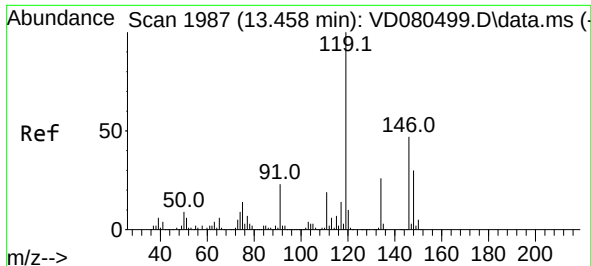
Tgt Ion:105 Resp: 1042301
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 51.800 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

Tgt Ion:119 Resp: 874095
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 22.4 11.2 33.5

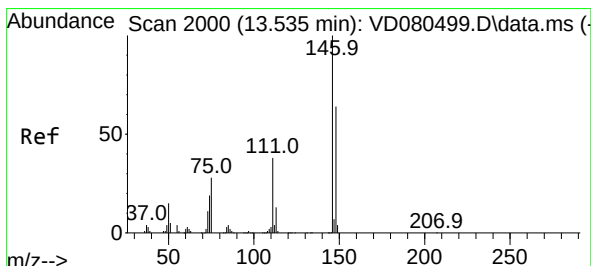
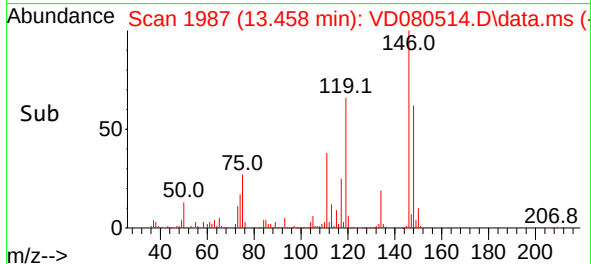
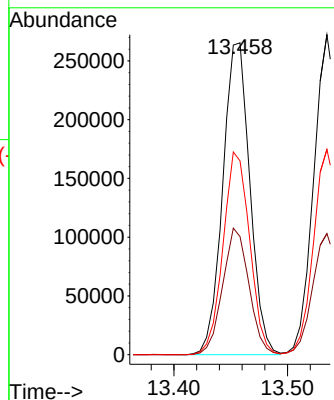
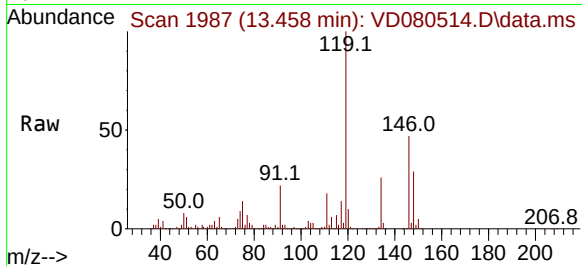




#87
 1,3-Dichlorobenzene
 Concen: 51.495 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

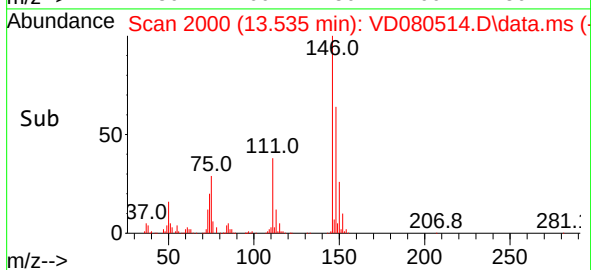
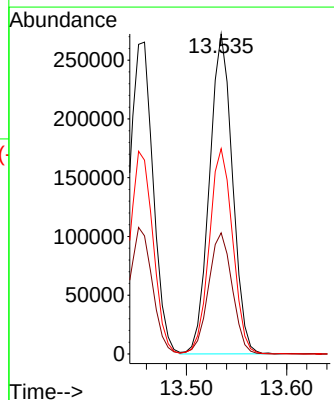
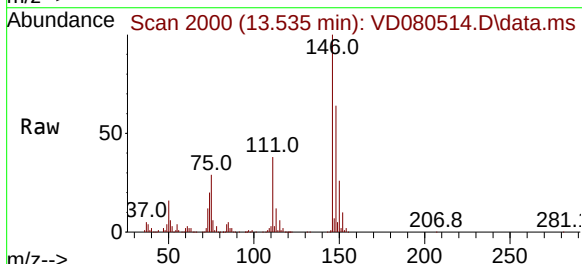
Instrument :
 MSVOA_D
 ClientSampleId :

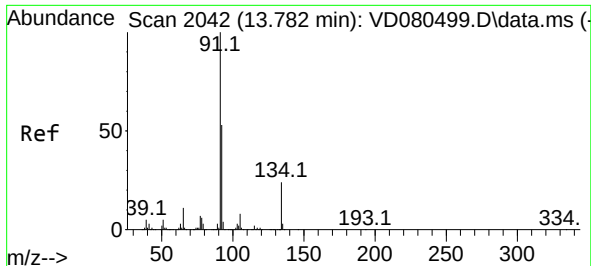
Tgt Ion:146 Resp: 440404
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.9 59.6
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.662 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. -0.000 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

Tgt Ion:146 Resp: 435071
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 65.0 32.1 96.5

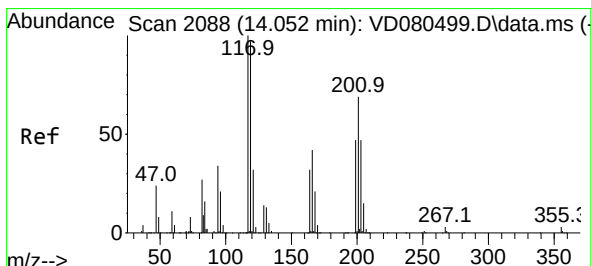
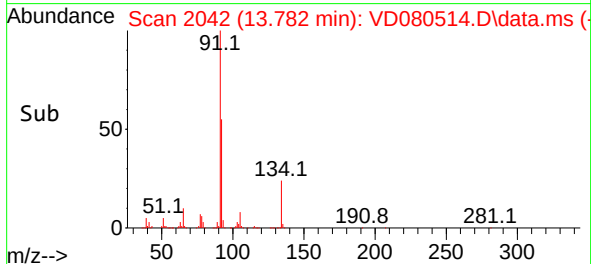
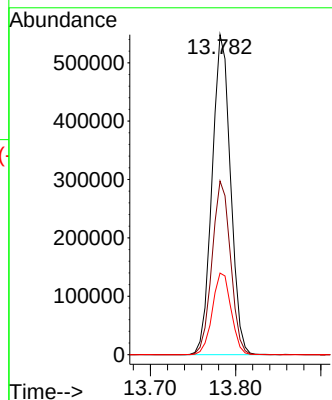
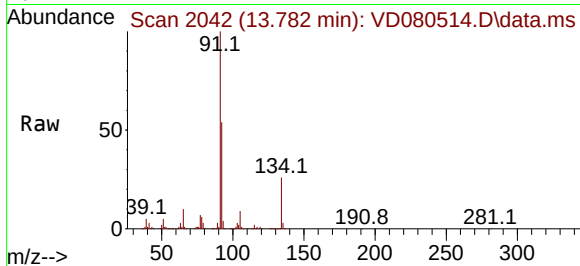




#89
n-Butylbenzene
Concen: 51.296 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

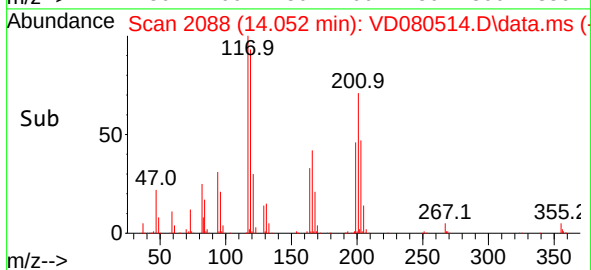
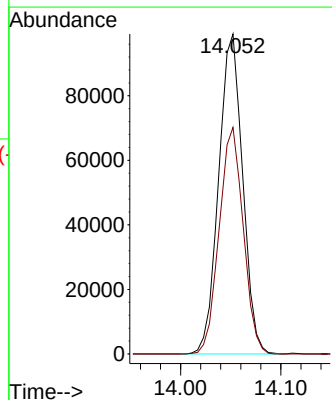
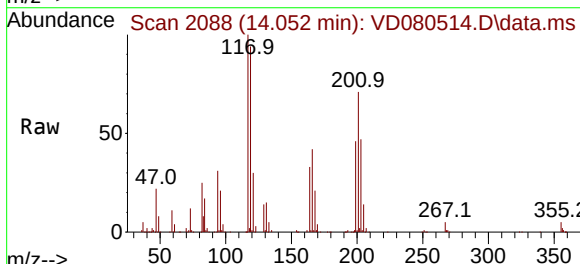
Instrument :
MSVOA_D
ClientSampleId :

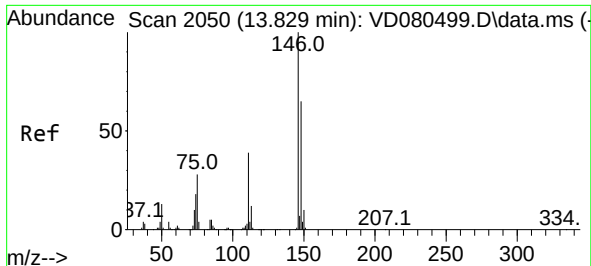
Tgt Ion: 91 Resp: 824568
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.8
134 25.9 12.4 37.2



#90
Hexachloroethane
Concen: 50.378 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

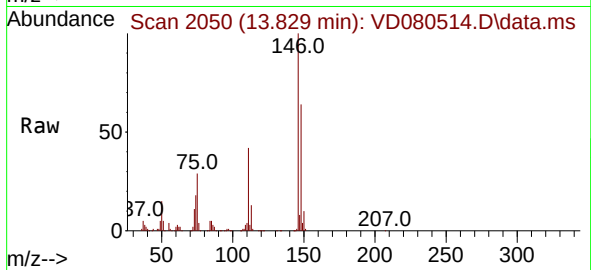
Tgt Ion: 117 Resp: 164430
Ion Ratio Lower Upper
117 100
201 71.0 34.6 103.8



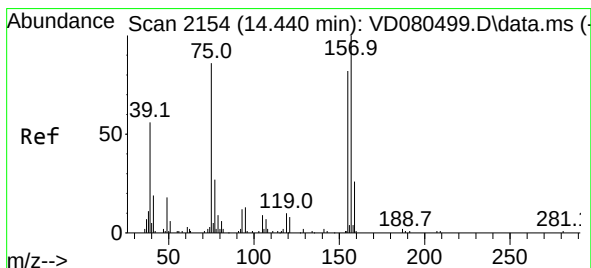
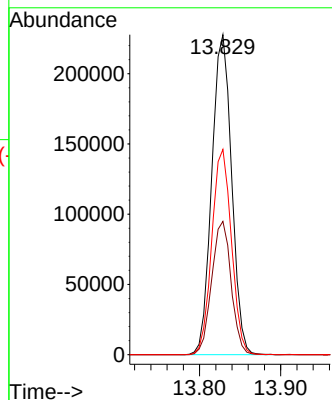
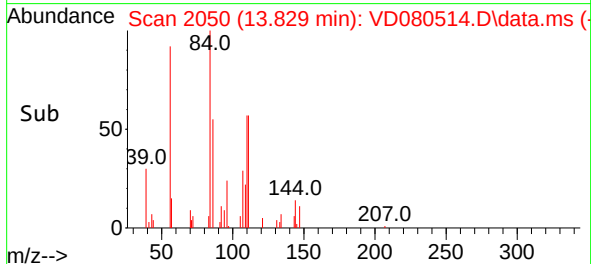


#91
1,2-Dichlorobenzene
Concen: 50.761 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

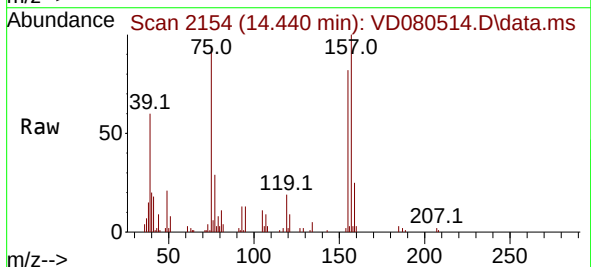
Instrument :
MSVOA_D
ClientSampleId :



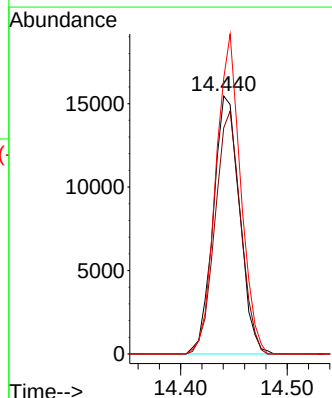
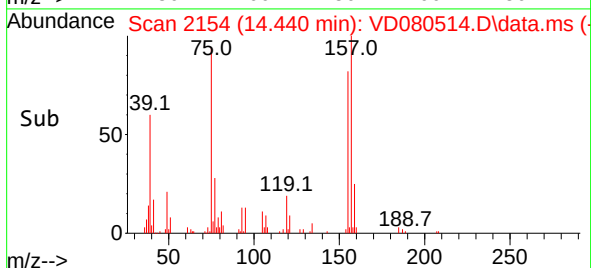
Tgt Ion:146 Resp: 386324
Ion Ratio Lower Upper
146 100
111 41.0 20.7 62.1
148 63.6 31.5 94.5

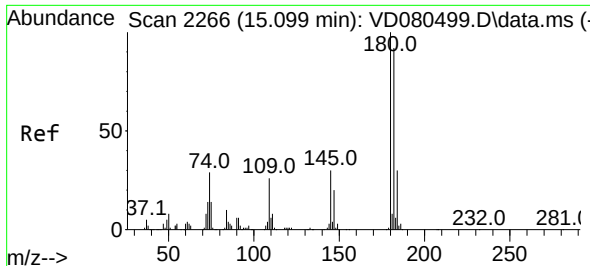


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.525 ug/l
RT: 14.440 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16



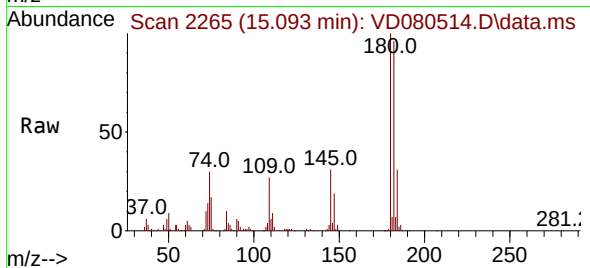
Tgt Ion: 75 Resp: 26490
Ion Ratio Lower Upper
75 100
155 91.8 47.5 142.6
157 116.5 56.8 170.3



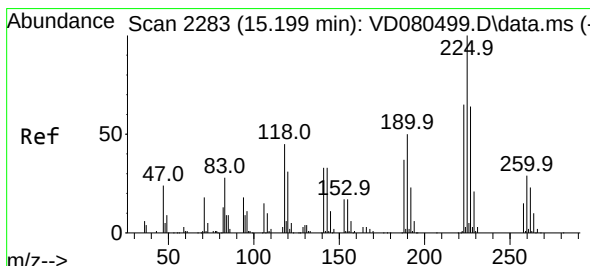
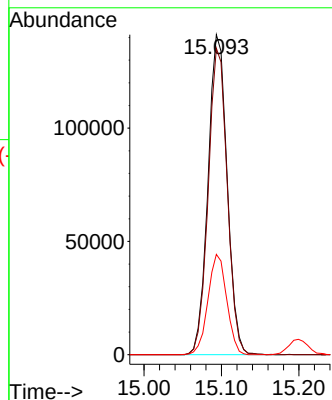
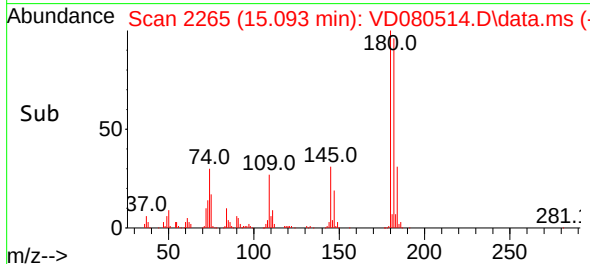


#93
 1,2,4-Trichlorobenzene
 Concen: 50.711 ug/l
 RT: 15.093 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

Instrument :
 MSVOA_D
 ClientSampleId :

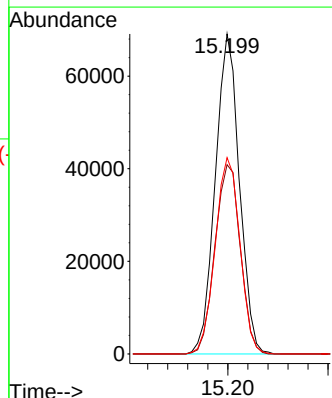
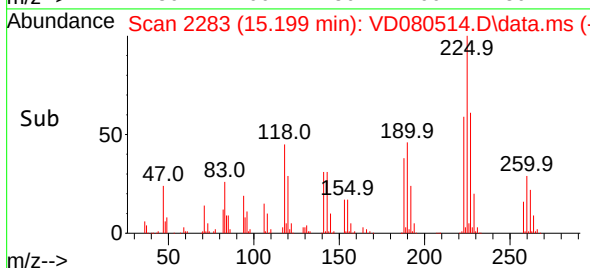
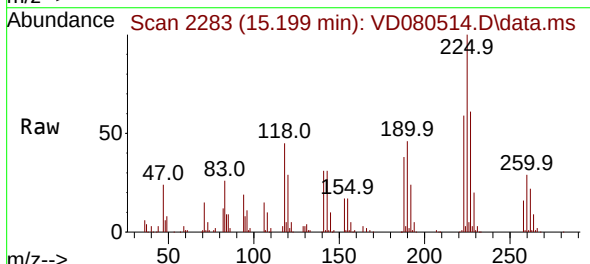


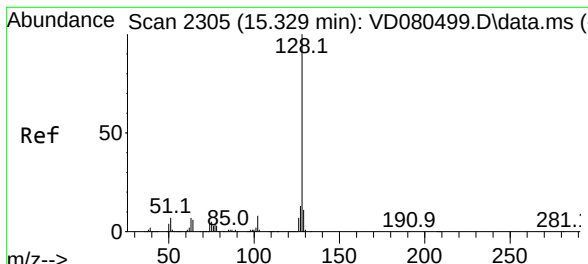
Tgt Ion:180 Resp: 241804
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.5 142.5
 145 30.8 15.7 47.0



#94
 Hexachlorobutadiene
 Concen: 53.171 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. -0.000 min
 Lab File: VD080514.D
 Acq: 05 Sep 2025 09:16

Tgt Ion:225 Resp: 115235
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.9 95.7
 227 63.0 32.0 96.2

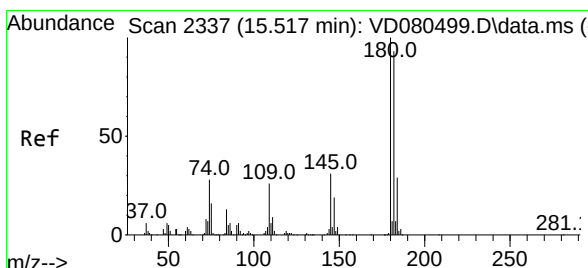
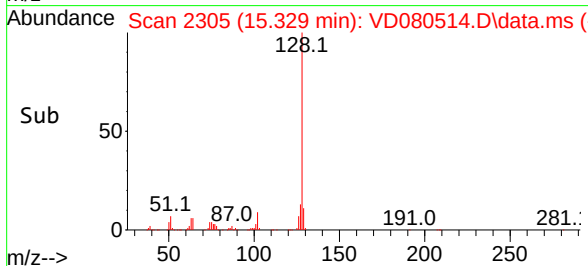
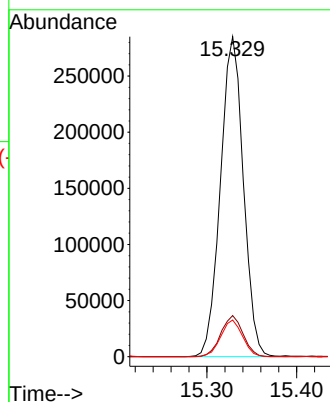
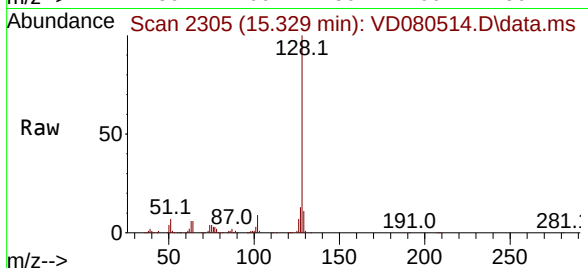




#95
Naphthalene
Concen: 49.835 ug/l
RT: 15.329 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 505498
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.5 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 51.692 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080514.D
Acq: 05 Sep 2025 09:16

Tgt Ion:180 Resp: 211001
Ion Ratio Lower Upper
180 100
182 93.9 47.5 142.5
145 31.8 16.2 48.5

