

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062725\
 Data File : VD080494.D
 Acq On : 27 Jun 2025 14:49
 Operator : RP/MD
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 28 03:10:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	408965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	724319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	609571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	276111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	199807	49.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.680%
35) Dibromofluoromethane	7.806	113	216145	53.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.580%
50) Toluene-d8	10.270	98	861191	52.559	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.120%
62) 4-Bromofluorobenzene	12.570	95	266923	49.683	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.360%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	179412	49.347	ug/l	100
3) Chloromethane	2.147	50	255348	50.289	ug/l	99
4) Vinyl Chloride	2.288	62	275847	53.554	ug/l	97
5) Bromomethane	2.694	94	163525	57.441	ug/l	97
6) Chloroethane	2.841	64	174700	54.035	ug/l	99
7) Trichlorofluoromethane	3.176	101	333568	51.478	ug/l	94
8) Diethyl Ether	3.594	74	129303	51.263	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.970	101	220960	51.547	ug/l	99
10) Methyl Iodide	4.170	142	272694	54.021	ug/l	99
11) Tert butyl alcohol	5.041	59	74696	228.816	ug/l	98
12) 1,1-Dichloroethene	3.941	96	231315	49.977	ug/l	91
13) Acrolein	3.800	56	91063	204.700	ug/l	100
14) Allyl chloride	4.565	41	409329	50.507	ug/l	98
15) Acrylonitrile	5.253	53	280190	233.475	ug/l	99
16) Acetone	4.018	43	279150	269.478	ug/l	100
17) Carbon Disulfide	4.276	76	743381	50.859	ug/l	98
18) Methyl Acetate	4.559	43	123505	39.197	ug/l	99
19) Methyl tert-butyl Ether	5.312	73	548656	47.699	ug/l	97
20) Methylene Chloride	4.806	84	291927	51.131	ug/l	97
21) trans-1,2-Dichloroethene	5.312	96	253044	49.015	ug/l	98
22) Diisopropyl ether	6.212	45	781542	49.944	ug/l	98
23) Vinyl Acetate	6.153	43	2285166	256.285	ug/l	100
24) 1,1-Dichloroethane	6.112	63	455921	49.655	ug/l	98
25) 2-Butanone	7.076	43	383320	252.117	ug/l	95
26) 2,2-Dichloropropane	7.076	77	375842	51.726	ug/l	100
27) cis-1,2-Dichloroethene	7.082	96	297462	48.198	ug/l	97
28) Bromochloromethane	7.429	49	175832	48.575	ug/l	95
29) Tetrahydrofuran	7.447	42	228274	238.318	ug/l	97
30) Chloroform	7.594	83	432856	49.249	ug/l	99
31) Cyclohexane	7.876	56	439882	49.442	ug/l	94
32) 1,1,1-Trichloroethane	7.794	97	372329	50.667	ug/l	99
36) 1,1-Dichloropropene	8.011	75	334074	52.739	ug/l	100
37) Ethyl Acetate	7.164	43	152090	49.401	ug/l	99
38) Carbon Tetrachloride	7.994	117	317416	52.447	ug/l	98
39) Methylcyclohexane	9.270	83	454929	52.163	ug/l	99
40) Benzene	8.247	78	1028978	50.612	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	96060	48.819	ug/l	96
42) 1,2-Dichloroethane	8.323	62	238529	49.872	ug/l	99
43) Isopropyl Acetate	8.358	43	307999	50.833	ug/l	97
44) Trichloroethene	9.029	130	255848	51.926	ug/l	96
45) 1,2-Dichloropropane	9.305	63	251273	50.961	ug/l	95
46) Dibromomethane	9.394	93	132244	50.303	ug/l	98
47) Bromodichloromethane	9.582	83	326923	50.160	ug/l	96
48) Methyl methacrylate	9.376	41	153444	50.062	ug/l	98
49) 1,4-Dioxane	9.382	88	31622	927.205	ug/l	96
51) 4-Methyl-2-Pentanone	10.158	43	779768	253.431	ug/l	98
52) Toluene	10.329	92	633669	49.867	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	326404	50.002	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	395618	50.447	ug/l	98
55) 1,1,2-Trichloroethane	10.729	97	170924	47.694	ug/l	97
56) Ethyl methacrylate	10.594	69	253602	49.575	ug/l	97
57) 1,3-Dichloropropane	10.876	76	310340	49.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	490004	250.810	ug/l	100
59) 2-Hexanone	10.917	43	568432	261.033	ug/l	98
60) Dibromochloromethane	11.070	129	219061	49.524	ug/l	99
61) 1,2-Dibromoethane	11.176	107	164937	48.133	ug/l	99
64) Tetrachloroethene	10.805	164	198994	52.597	ug/l	99
65) Chlorobenzene	11.605	112	668703	50.864	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.676	131	213831	51.752	ug/l	100
67) Ethyl Benzene	11.682	91	1210276	52.633	ug/l	100
68) m/p-Xylenes	11.788	106	918905	104.942	ug/l	100
69) o-Xylene	12.117	106	433809	51.341	ug/l	99
70) Styrene	12.135	104	735587	51.468	ug/l	99
71) Bromoform	12.294	173	117613	49.980	ug/l #	99
73) Isopropylbenzene	12.417	105	1114603	51.929	ug/l	99
74) N-amyl acetate	12.229	43	291355	51.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	194535	48.673	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	251243	107.044	ug/l #	100
77) Bromobenzene	12.699	156	245691	51.185	ug/l	97
78) n-propylbenzene	12.758	91	1361537	52.695	ug/l	99
79) 2-Chlorotoluene	12.846	91	752788	50.658	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	894911	51.415	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	77332	48.960	ug/l	99
82) 4-Chlorotoluene	12.946	91	773503	50.676	ug/l	99
83) tert-Butylbenzene	13.164	119	785516	51.597	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	891242	51.288	ug/l	100
85) sec-Butylbenzene	13.341	105	1181214	52.531	ug/l	100
86) p-Isopropyltoluene	13.458	119	974520	52.370	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	477056	51.388	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	473065	51.052	ug/l	99
89) n-Butylbenzene	13.782	91	961523	53.839	ug/l	99
90) Hexachloroethane	14.052	117	184784	51.397	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	410592	50.247	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	27393	45.443	ug/l	99
93) 1,2,4-Trichlorobenzene	15.099	180	257292	50.252	ug/l	99
94) Hexachlorobutadiene	15.199	225	120308	50.901	ug/l	99
95) Naphthalene	15.329	128	544288	47.842	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	216174	49.103	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:36 2025
Response via : Initial Calibration

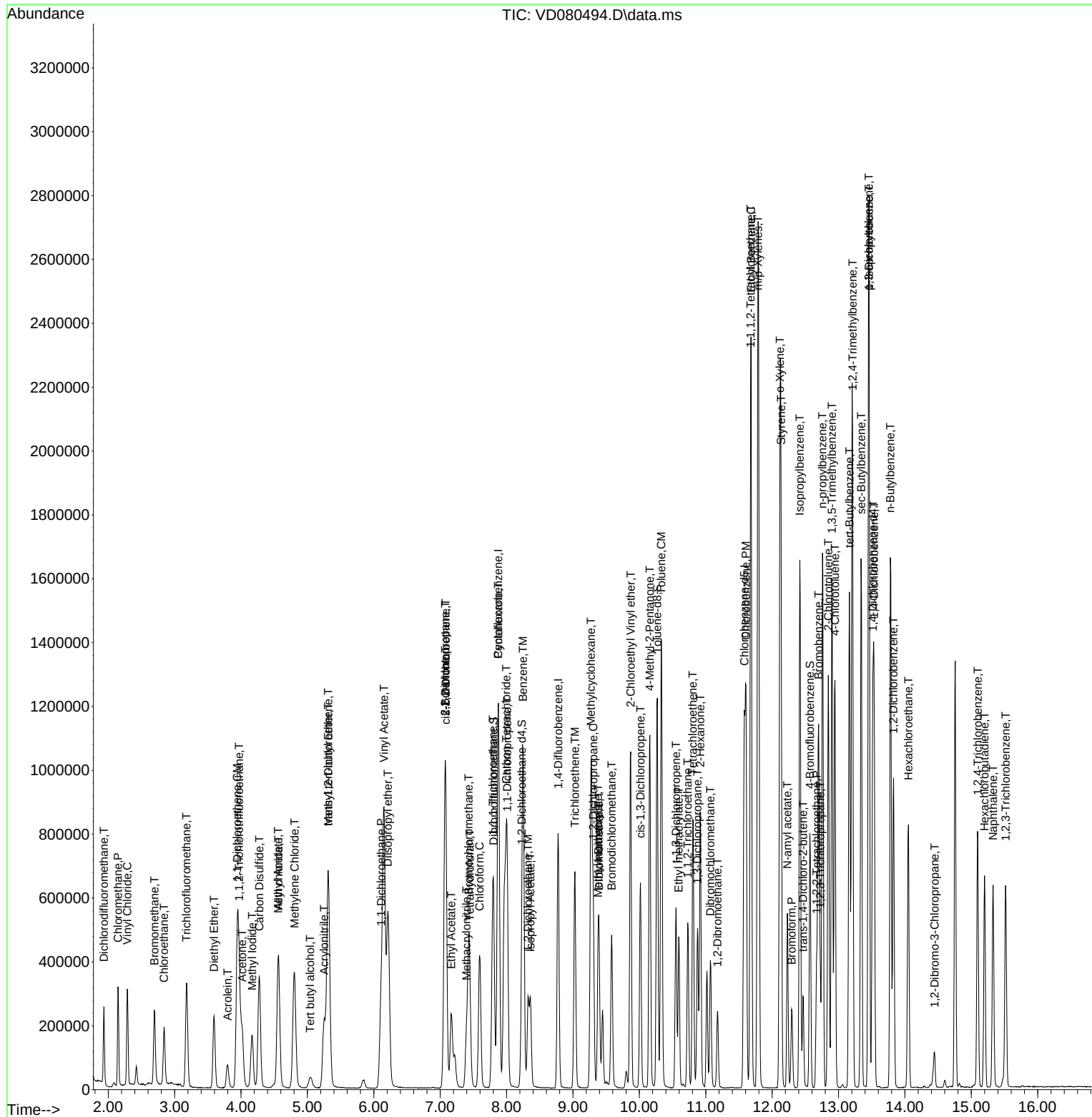
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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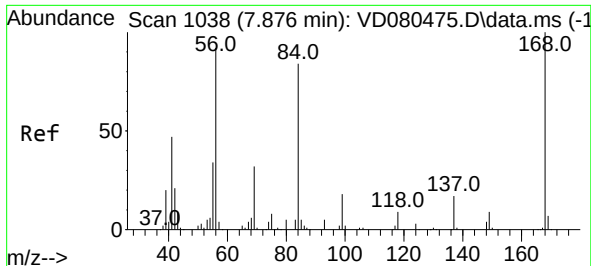
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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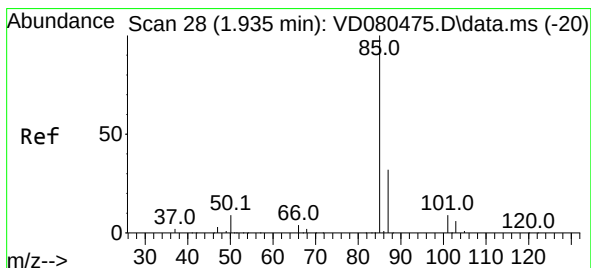
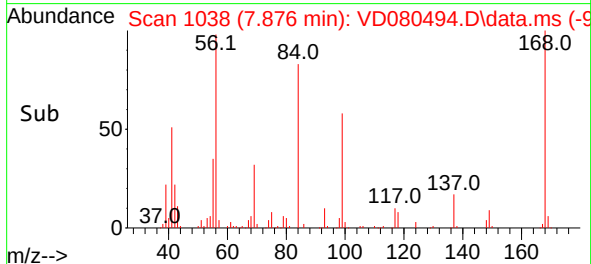
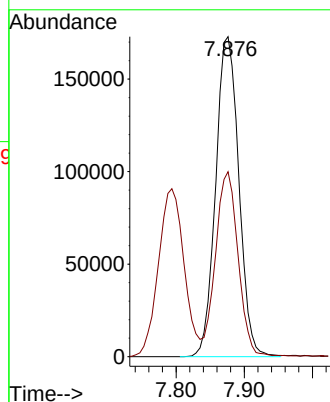
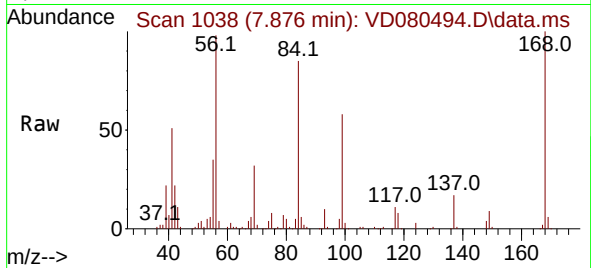




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080494.D
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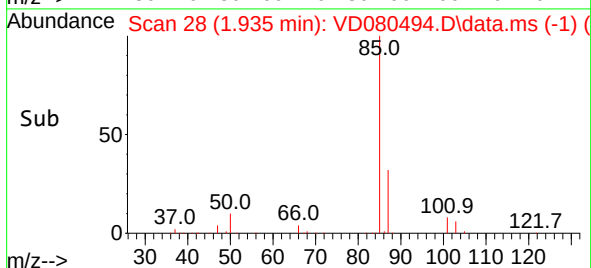
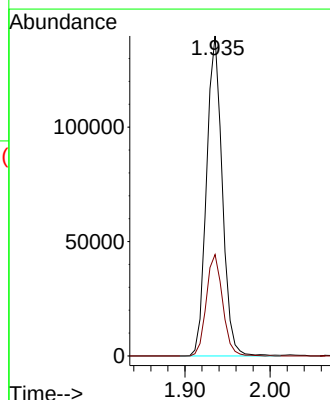
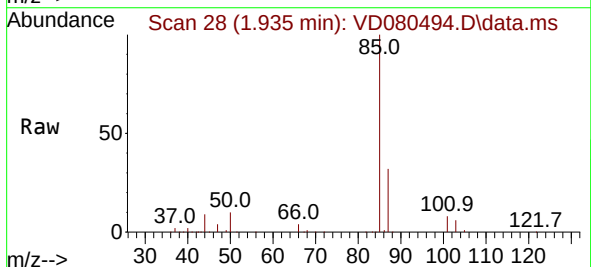
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

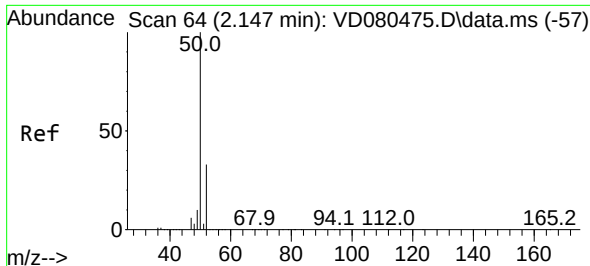
Tgt Ion:168 Resp: 408965
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 49.347 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 85 Resp: 179412
Ion Ratio Lower Upper
85 100
87 31.7 16.0 47.9

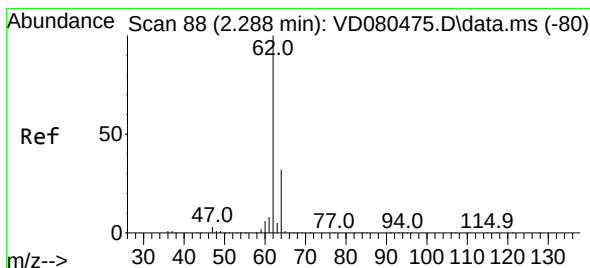
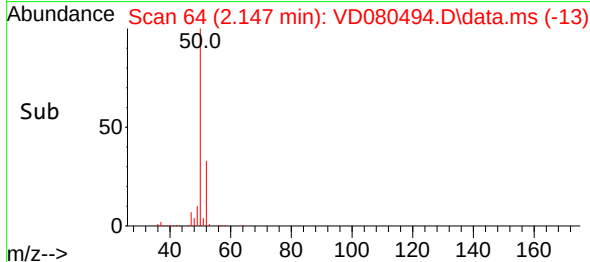
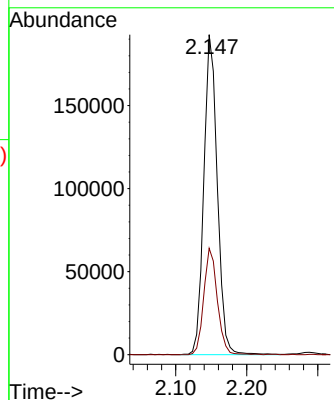
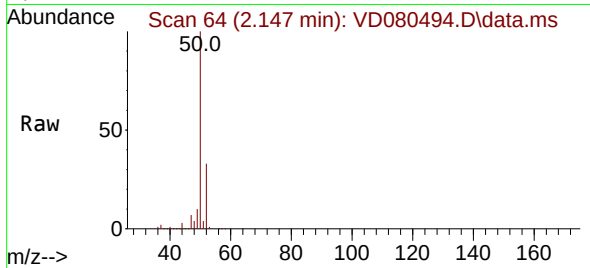




#3
Chloromethane
Concen: 50.289 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

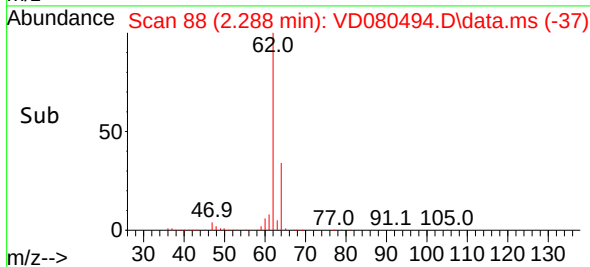
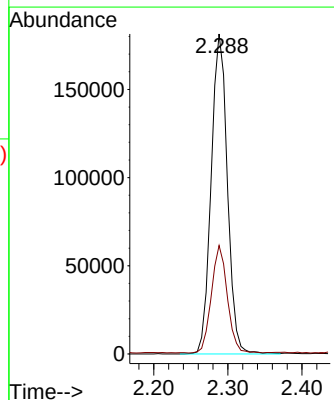
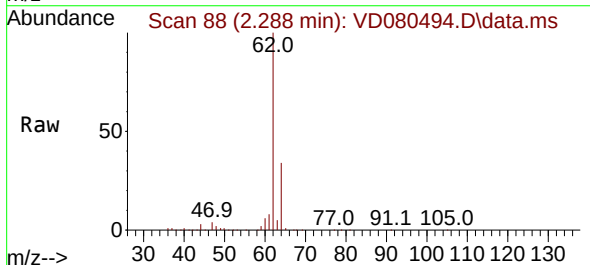
Instrument :
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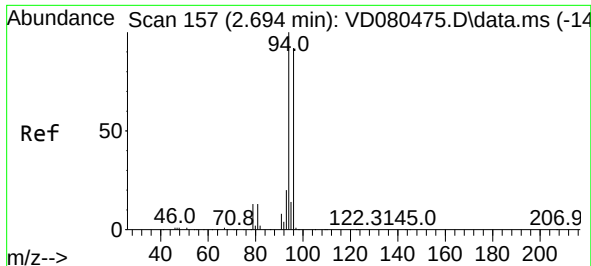
Tgt Ion: 50 Resp: 255348
Ion Ratio Lower Upper
50 100
52 33.2 26.1 39.1



#4
Vinyl Chloride
Concen: 53.554 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 62 Resp: 275847
Ion Ratio Lower Upper
62 100
64 33.5 25.5 38.3

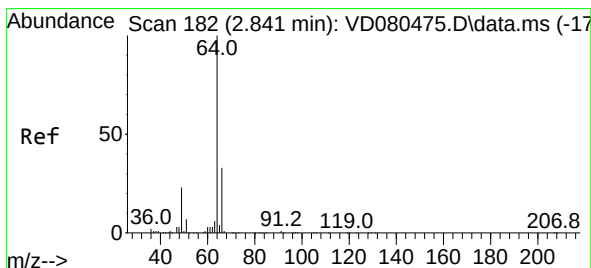
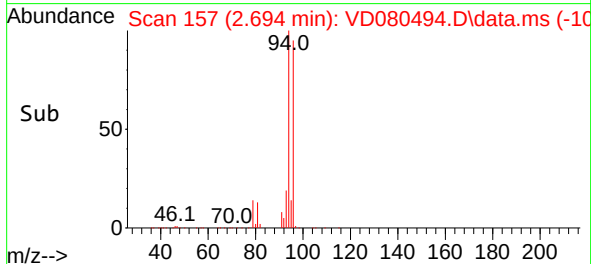
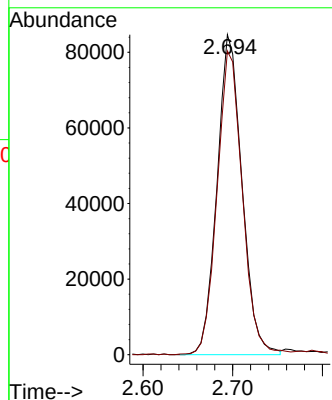
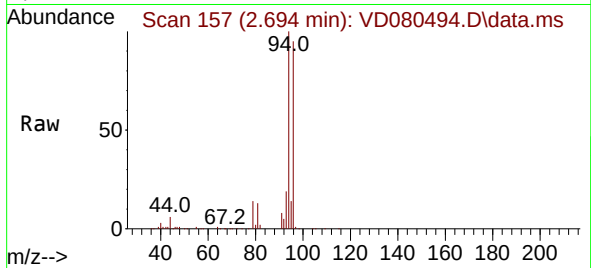




#5
Bromomethane
Concen: 57.441 ug/l
RT: 2.694 min Scan# 157
Delta R.T. 0.000 min
Lab File: VD080494.D
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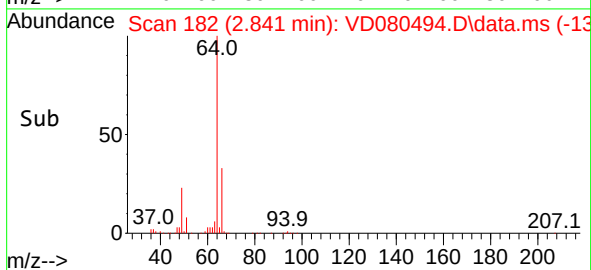
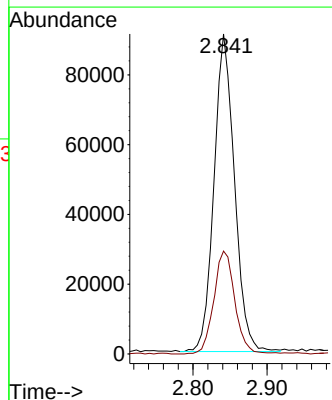
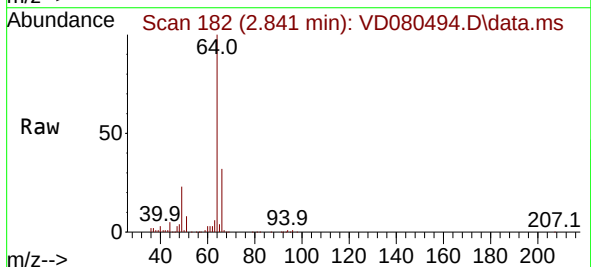
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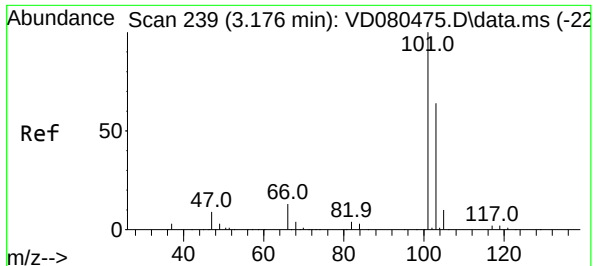
Tgt Ion: 94 Resp: 163525
Ion Ratio Lower Upper
94 100
96 96.1 74.8 112.2



#6
Chloroethane
Concen: 54.035 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 64 Resp: 174700
Ion Ratio Lower Upper
64 100
66 32.4 26.3 39.5

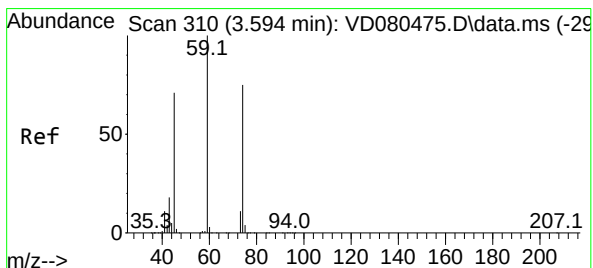
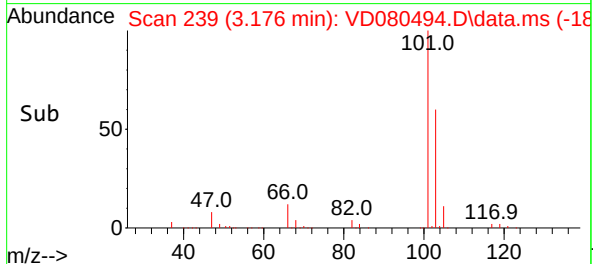
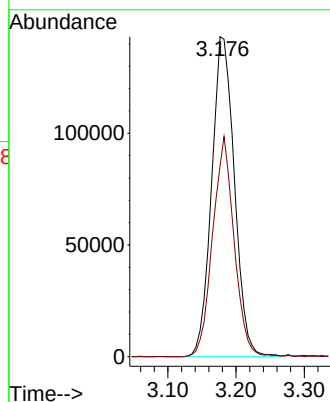
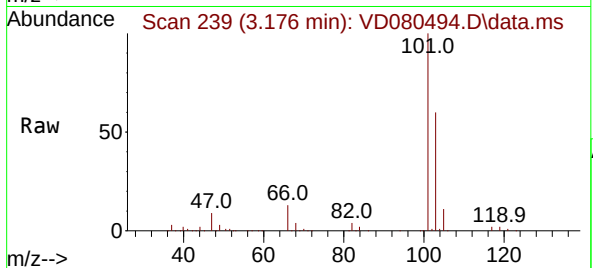




#7
Trichlorofluoromethane
Concen: 51.478 ug/l
RT: 3.176 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

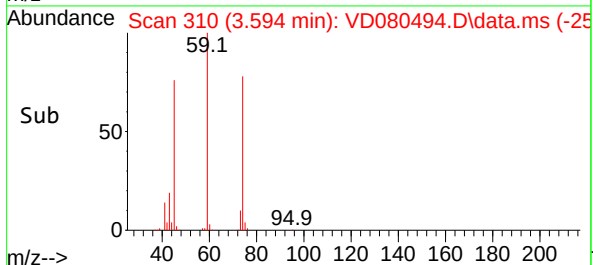
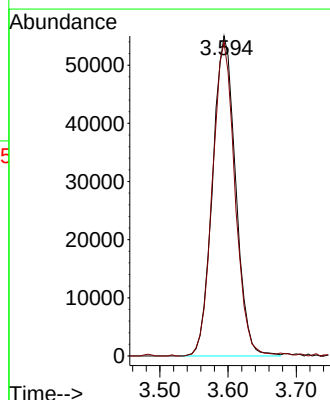
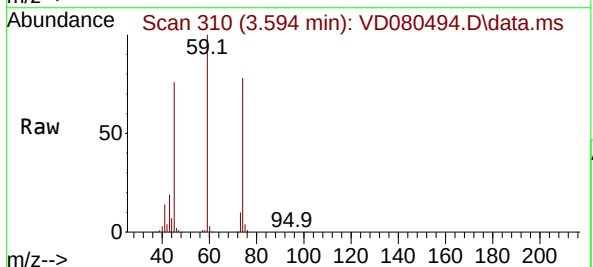
Instrument :
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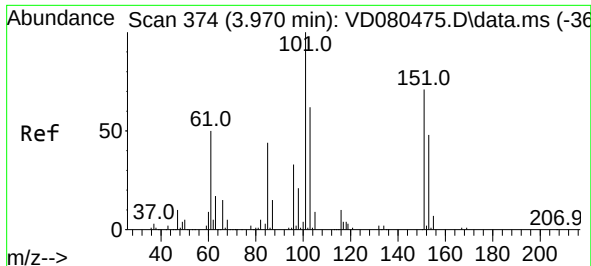
Tgt Ion:101 Resp: 333568
Ion Ratio Lower Upper
101 100
103 59.6 51.3 76.9



#8
Diethyl Ether
Concen: 51.263 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 74 Resp: 129303
Ion Ratio Lower Upper
74 100
45 96.1 46.6 139.8

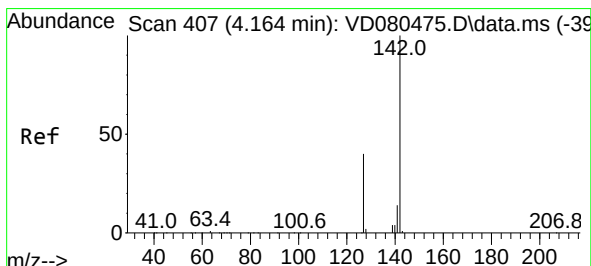
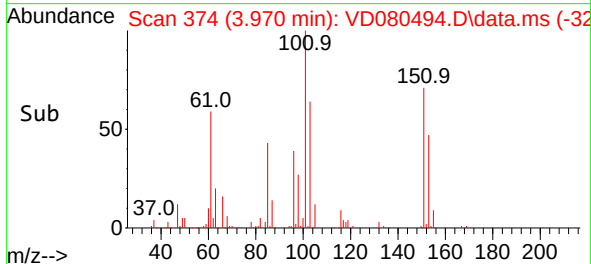
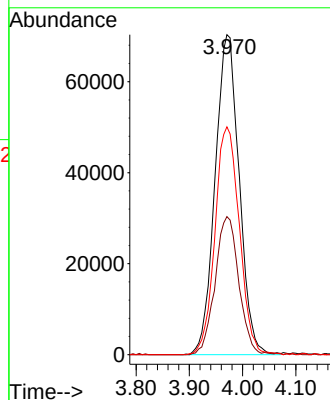
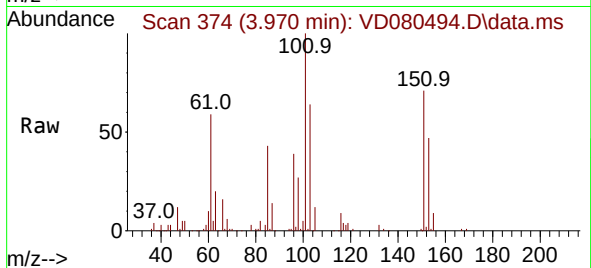




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.547 ug/l
RT: 3.970 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

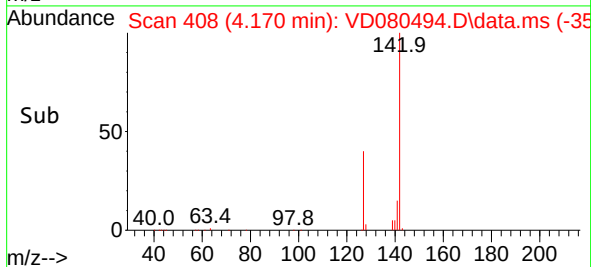
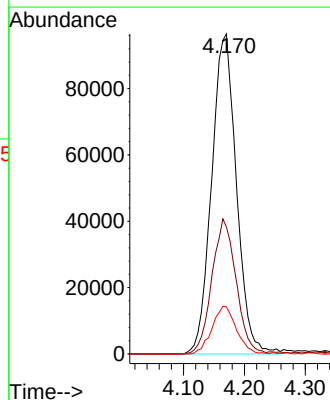
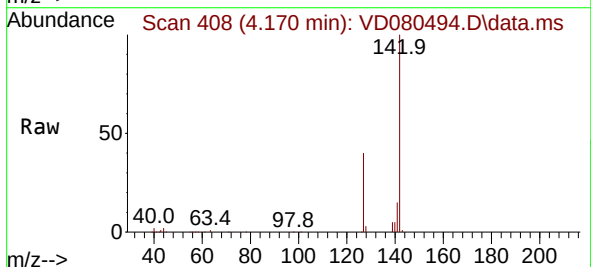
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

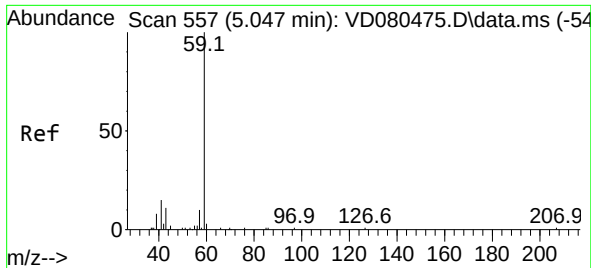
Tgt Ion:101 Resp: 220960
Ion Ratio Lower Upper
101 100
85 42.4 34.0 51.0
151 72.2 58.4 87.6



#10
Methyl Iodide
Concen: 54.021 ug/l
RT: 4.170 min Scan# 408
Delta R.T. 0.006 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion:142 Resp: 272694
Ion Ratio Lower Upper
142 100
127 41.3 32.6 49.0
141 14.7 11.1 16.7

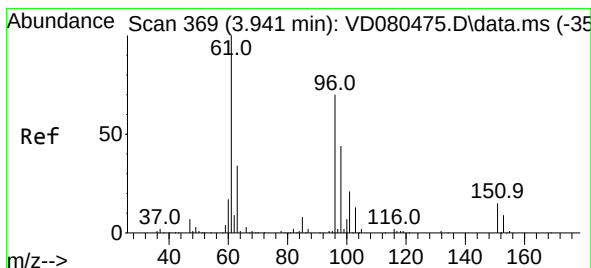
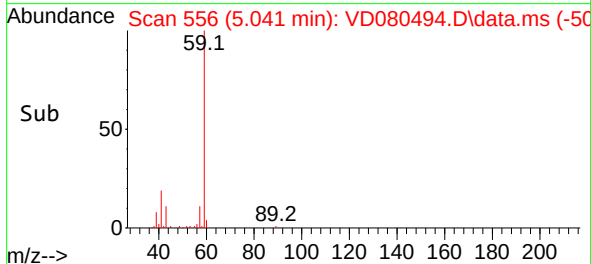
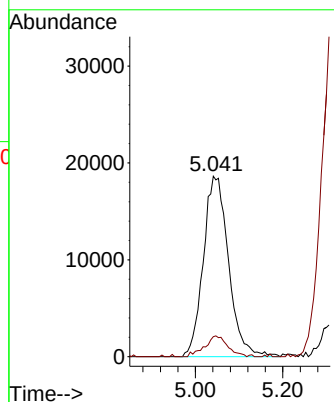
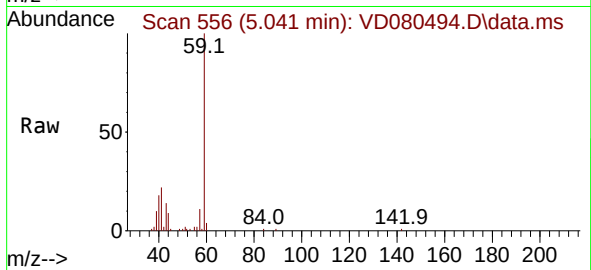




#11
Tert butyl alcohol
Concen: 228.816 ug/l
RT: 5.041 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

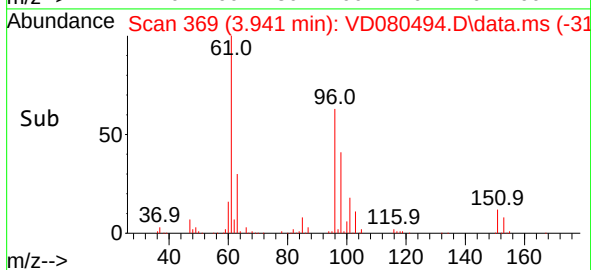
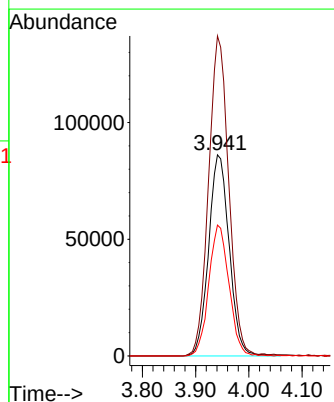
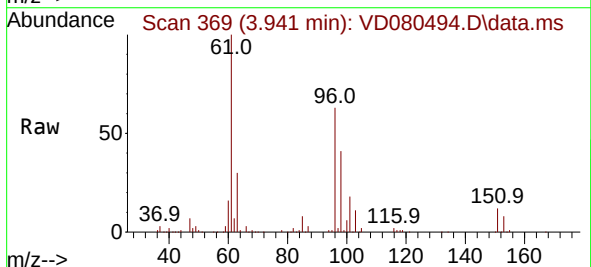
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

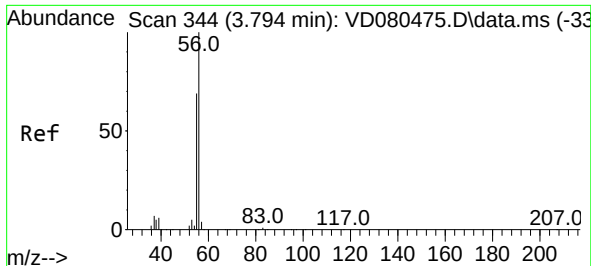
Tgt Ion: 59 Resp: 74696
Ion Ratio Lower Upper
59 100
57 10.4 8.8 13.2



#12
1,1-Dichloroethene
Concen: 49.977 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 96 Resp: 231315
Ion Ratio Lower Upper
96 100
61 159.1 114.9 172.3
98 65.1 50.5 75.7

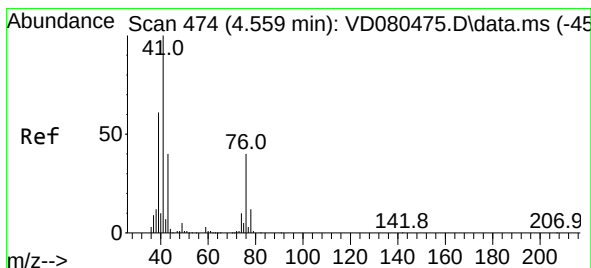
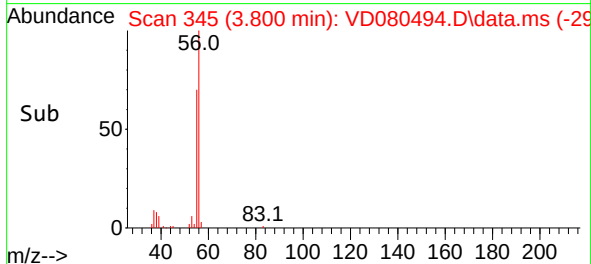
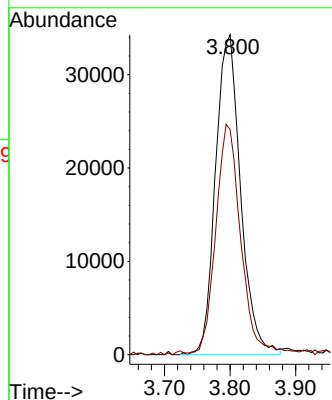
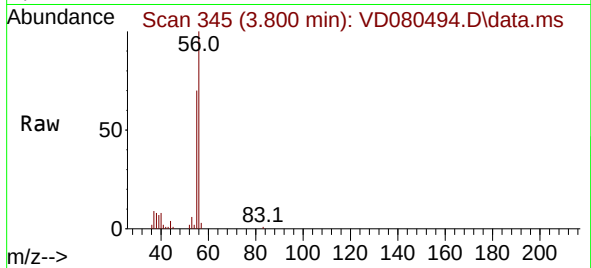




#13
Acrolein
Concen: 204.700 ug/l
RT: 3.800 min Scan# 344
Delta R.T. 0.006 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

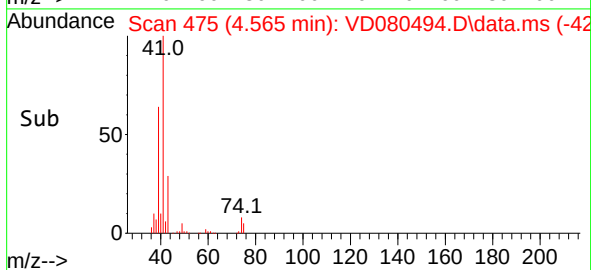
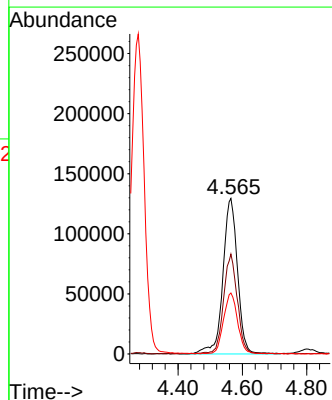
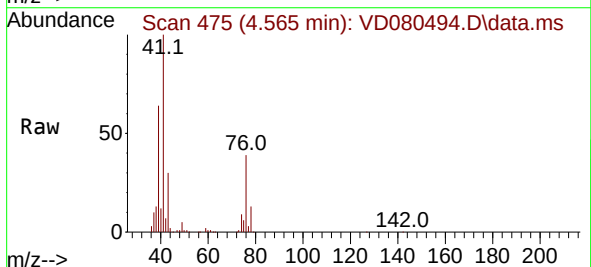
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

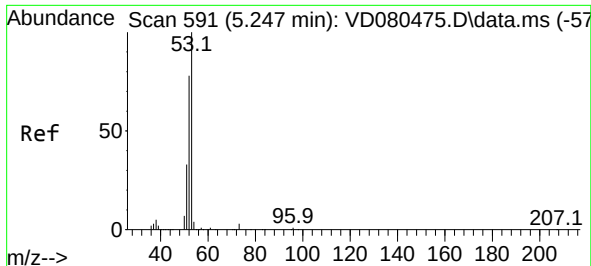
Tgt Ion: 56 Resp: 91063
Ion Ratio Lower Upper
56 100
55 69.9 56.2 84.2



#14
Allyl chloride
Concen: 50.507 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 41 Resp: 409329
Ion Ratio Lower Upper
41 100
39 60.6 47.4 71.2
76 37.3 30.5 45.7

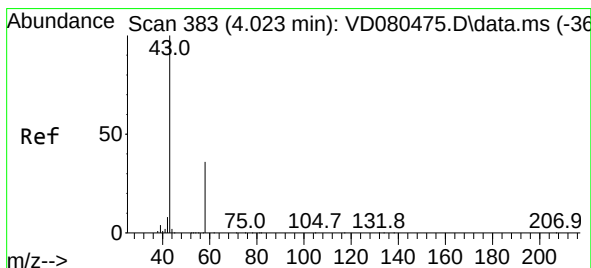
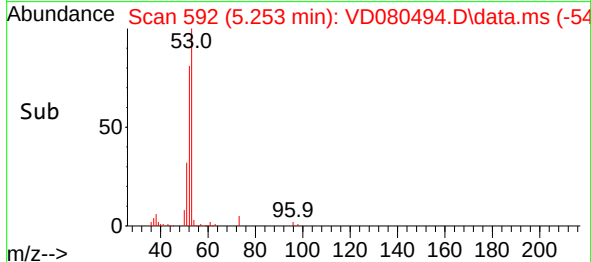
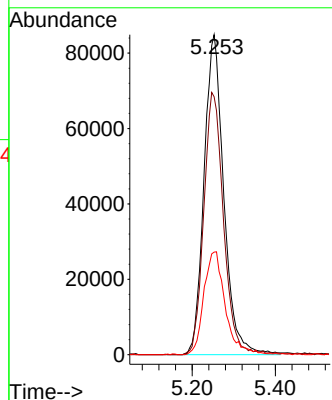
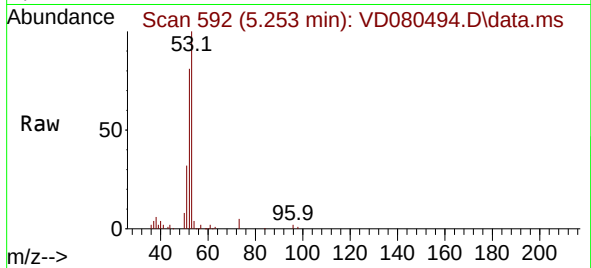




#15
Acrylonitrile
Concen: 233.475 ug/l
RT: 5.253 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

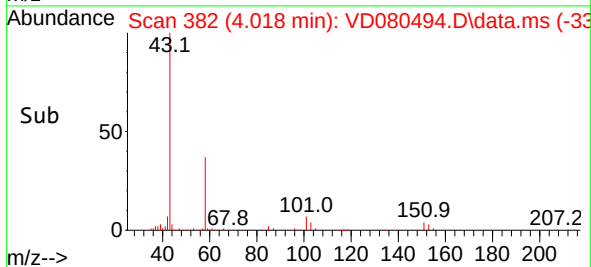
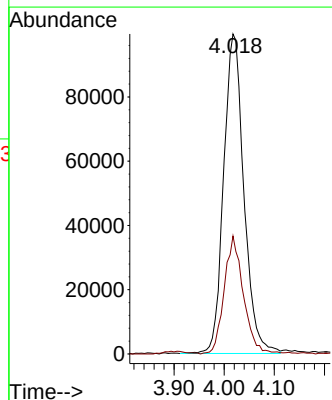
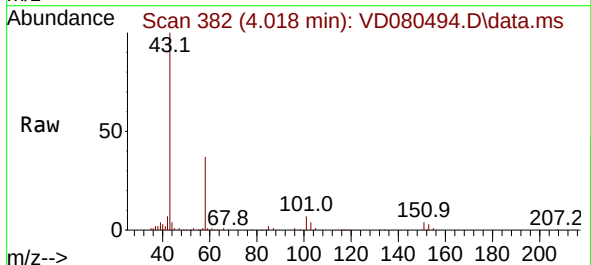
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

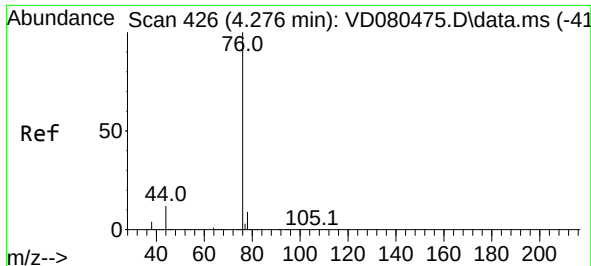
Tgt Ion: 53 Resp: 280190
Ion Ratio Lower Upper
53 100
52 81.8 64.7 97.1
51 34.9 27.9 41.9



#16
Acetone
Concen: 269.478 ug/l
RT: 4.018 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 43 Resp: 279150
Ion Ratio Lower Upper
43 100
58 36.5 29.0 43.4

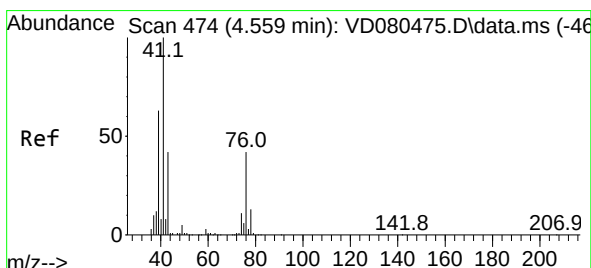
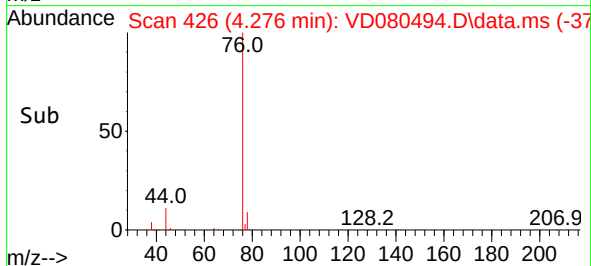
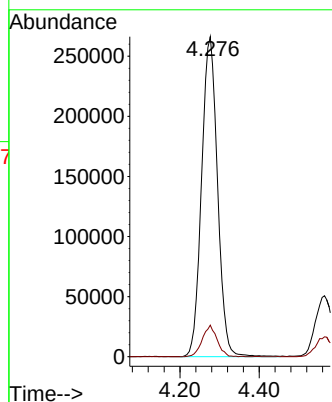
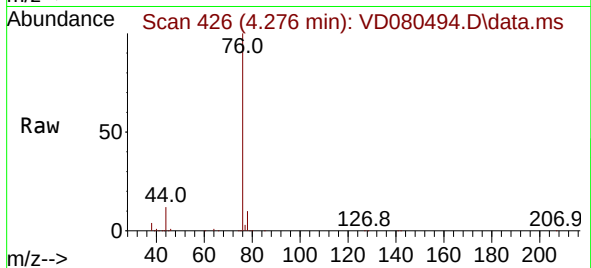




#17
Carbon Disulfide
Concen: 50.859 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

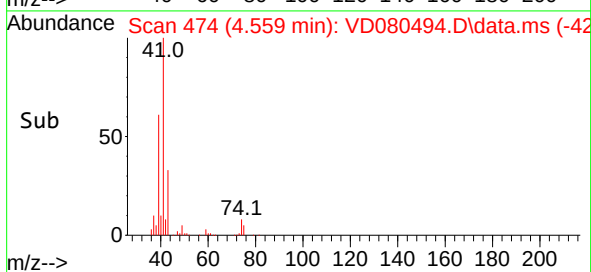
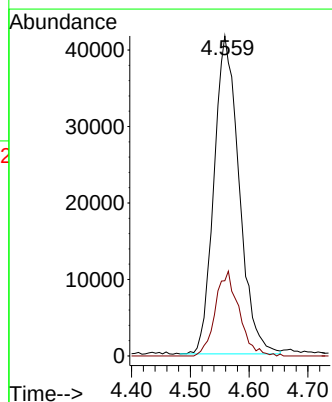
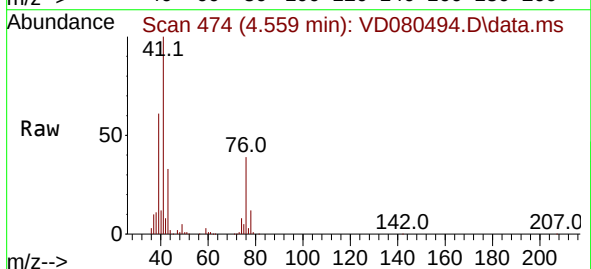
Instrument :
MSVOA_D
ClientSampleId :
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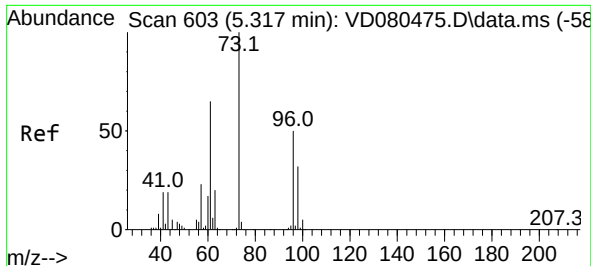
Tgt Ion: 76 Resp: 743381
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 39.197 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 43 Resp: 123505
Ion Ratio Lower Upper
43 100
74 25.2 20.4 30.6

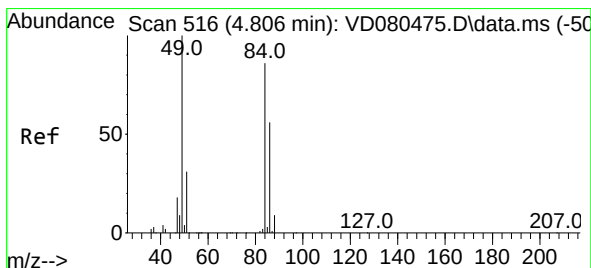
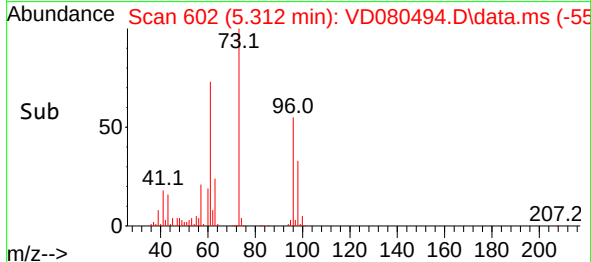
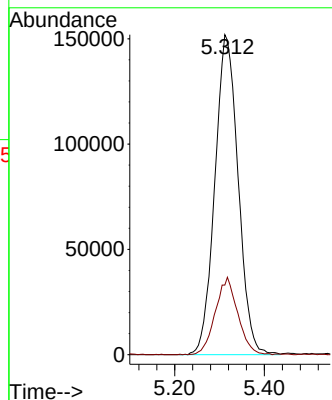
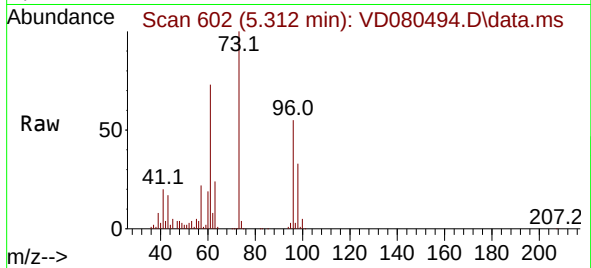




#19
Methyl tert-butyl Ether
Concen: 47.699 ug/l
RT: 5.312 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

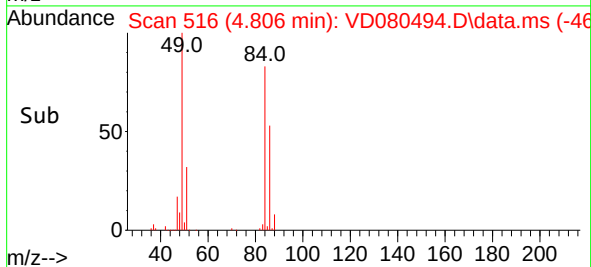
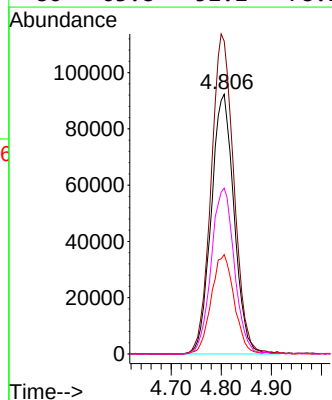
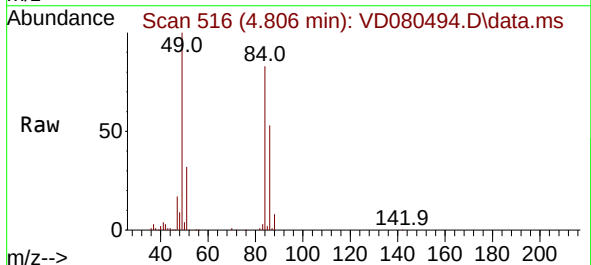
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

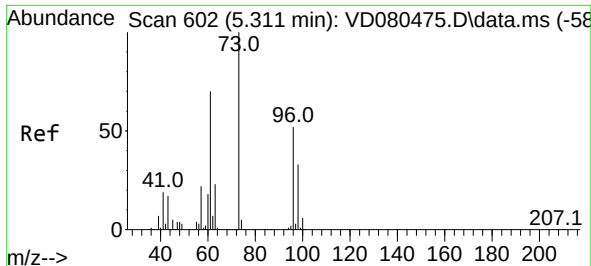
Tgt Ion: 73 Resp: 548656
Ion Ratio Lower Upper
73 100
57 21.6 18.5 27.7



#20
Methylene Chloride
Concen: 51.131 ug/l
RT: 4.806 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 84 Resp: 291927
Ion Ratio Lower Upper
84 100
49 120.4 92.8 139.2
51 38.2 29.0 43.6
86 63.8 52.2 78.2

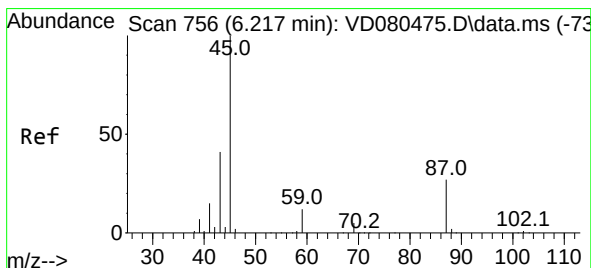
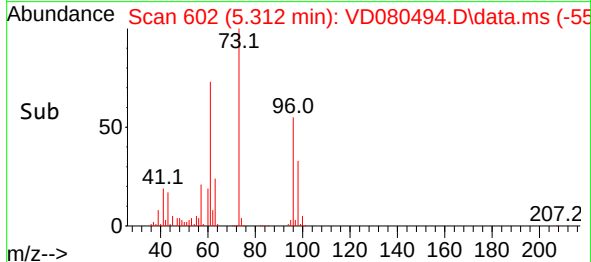
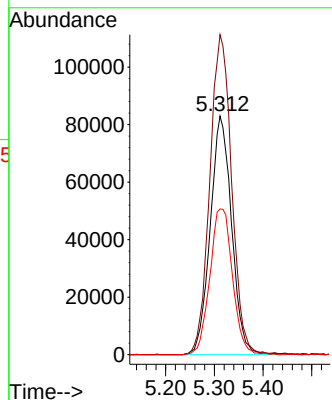
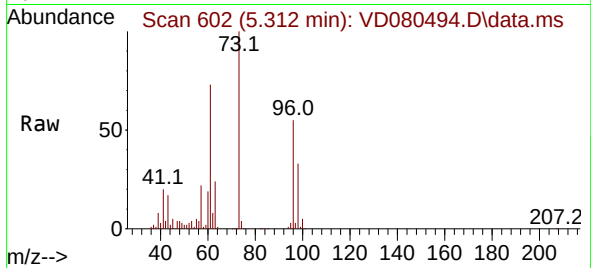




#21
trans-1,2-Dichloroethene
Concen: 49.015 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

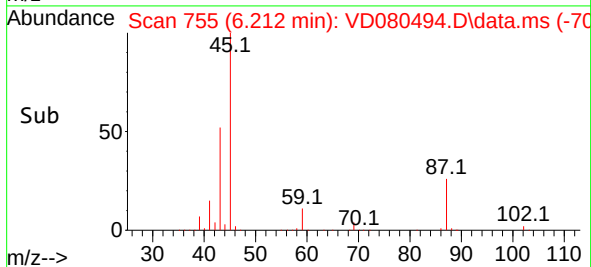
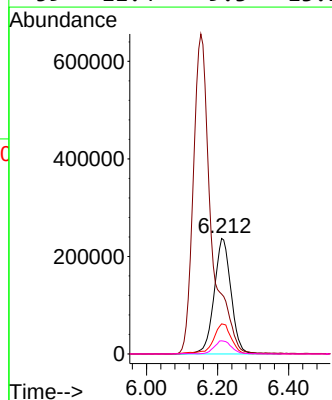
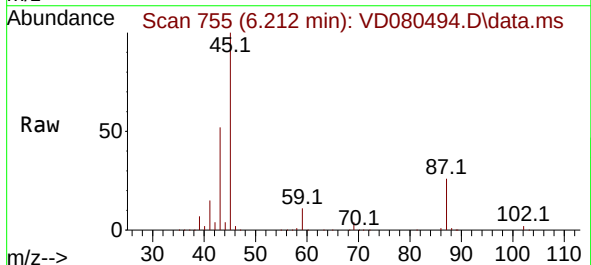
Instrument :
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ClientSampleId :
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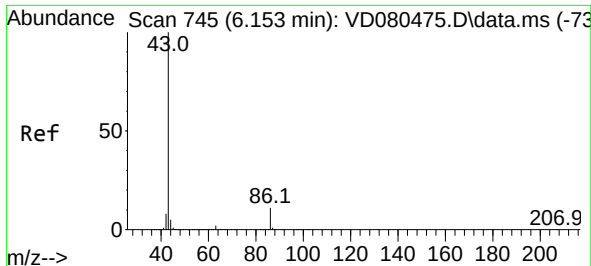
Tgt Ion: 96 Resp: 253044
Ion Ratio Lower Upper
96 100
61 134.2 108.6 163.0
98 61.1 51.5 77.3



#22
Diisopropyl ether
Concen: 49.944 ug/l
RT: 6.212 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 45 Resp: 781542
Ion Ratio Lower Upper
45 100
43 50.9 39.5 59.3
87 26.0 22.3 33.5
59 11.4 9.3 13.9

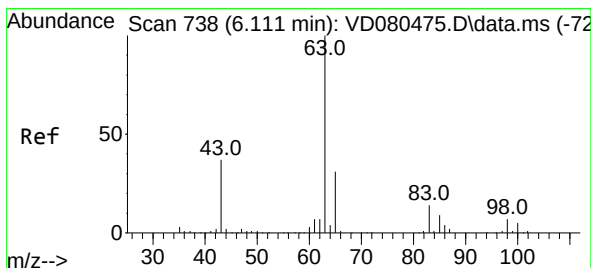
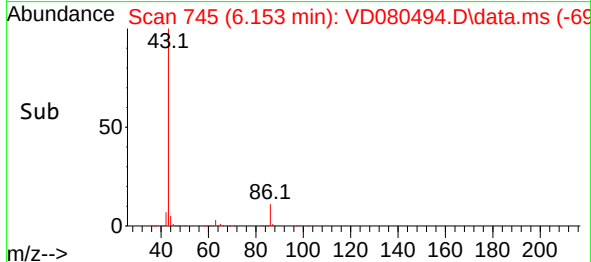
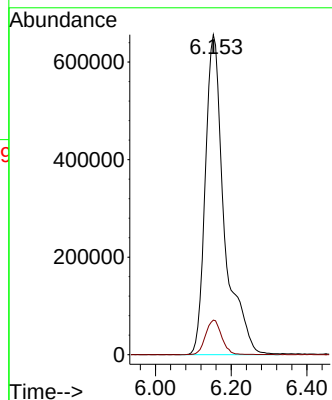
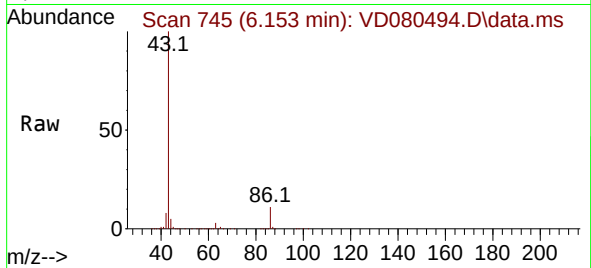




#23
 Vinyl Acetate
 Concen: 256.285 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD080494.D
 Acq: 27 Jun 2025 14:49

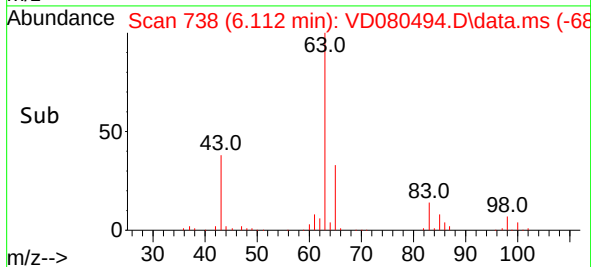
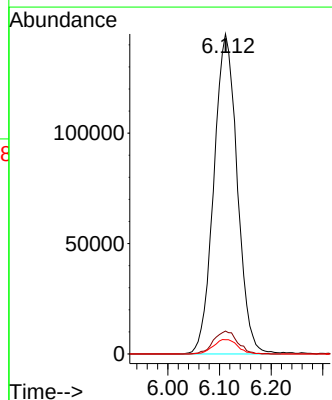
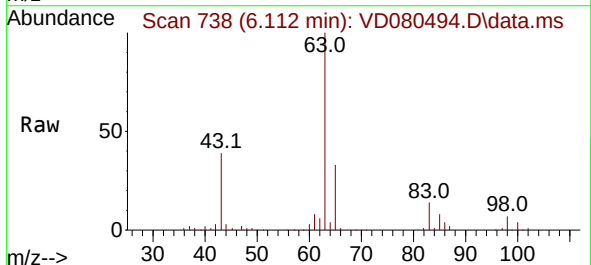
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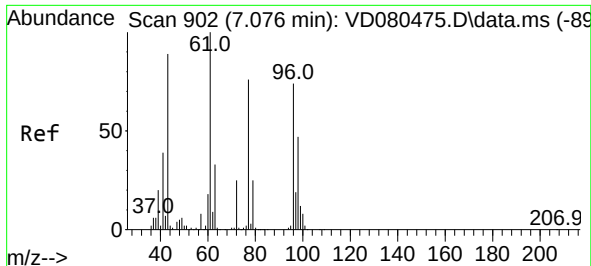
Tgt Ion: 43 Resp: 2285166
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 49.655 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080494.D
 Acq: 27 Jun 2025 14:49

Tgt Ion: 63 Resp: 455921
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.4 2.5 7.4

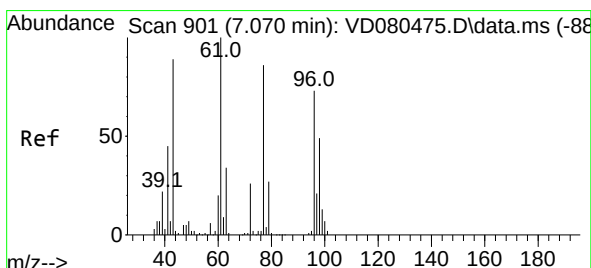
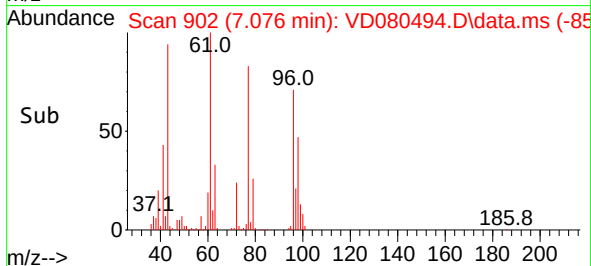
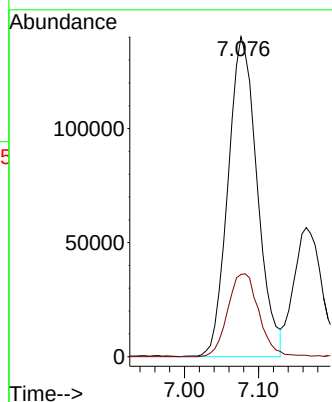
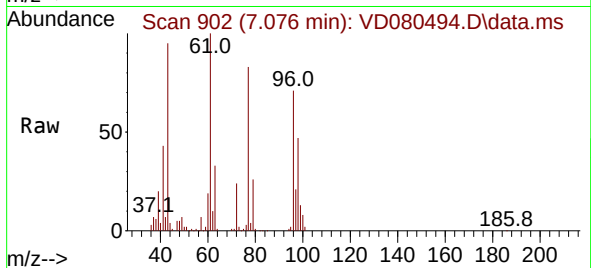




#25
2-Butanone
Concen: 252.117 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

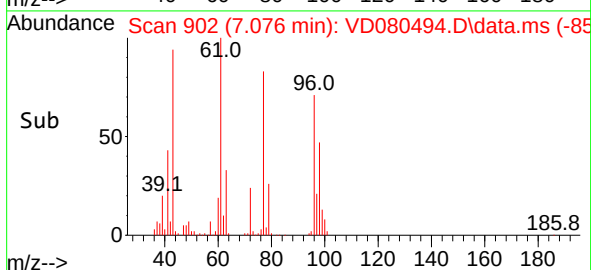
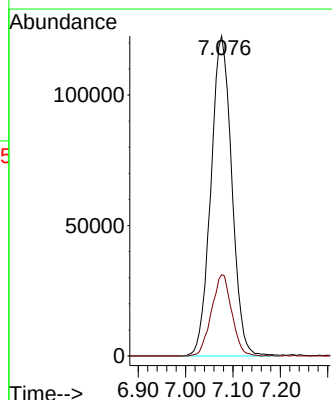
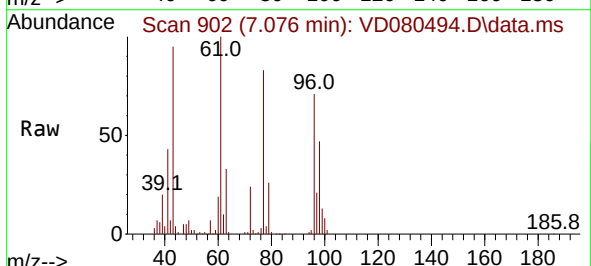
Instrument :
MSVOA_D
ClientSampleId :
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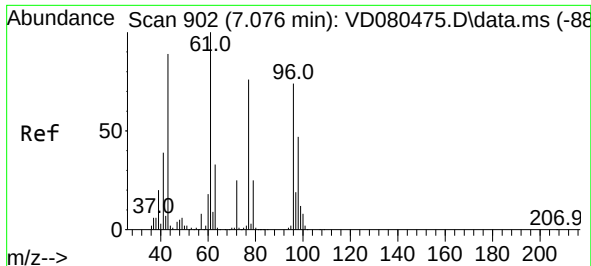
Tgt Ion: 43 Resp: 383320
Ion Ratio Lower Upper
43 100
72 25.7 22.8 34.2



#26
2,2-Dichloropropane
Concen: 51.726 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 77 Resp: 375842
Ion Ratio Lower Upper
77 100
97 24.6 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 48.198 ug/l

RT: 7.082 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

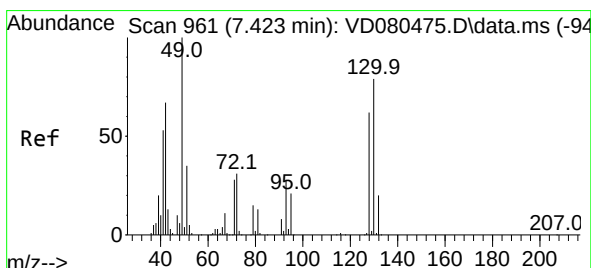
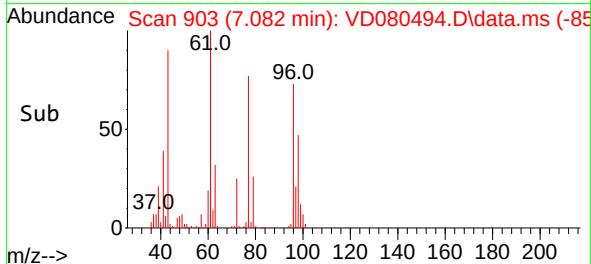
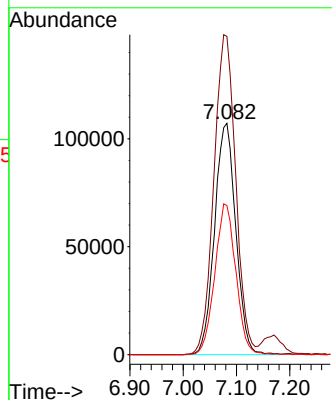
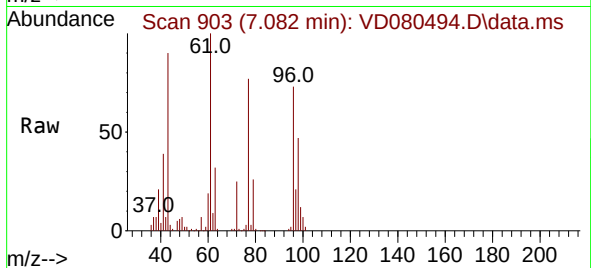
Tgt Ion: 96 Resp: 297462

Ion Ratio Lower Upper

96 100

61 141.5 0.0 274.6

98 64.6 0.0 128.0



#28

Bromochloromethane

Concen: 48.575 ug/l

RT: 7.429 min Scan# 962

Delta R.T. 0.006 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

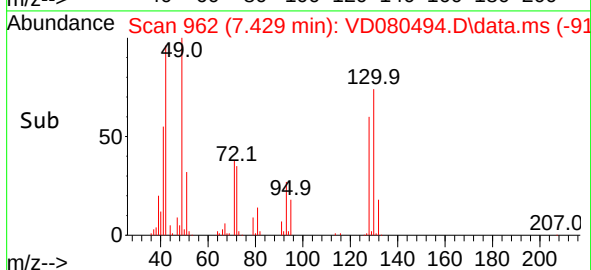
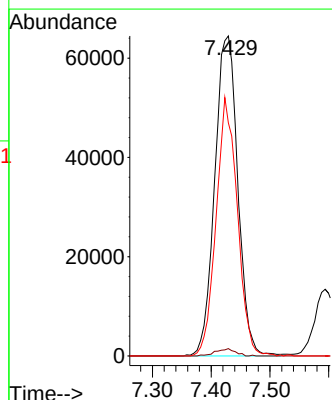
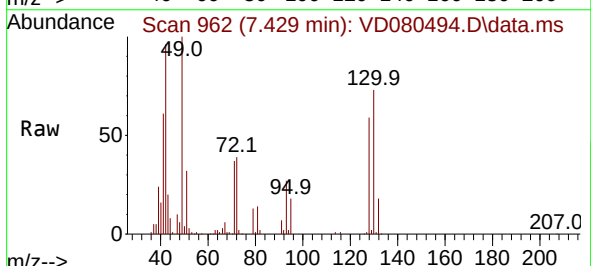
Tgt Ion: 49 Resp: 175832

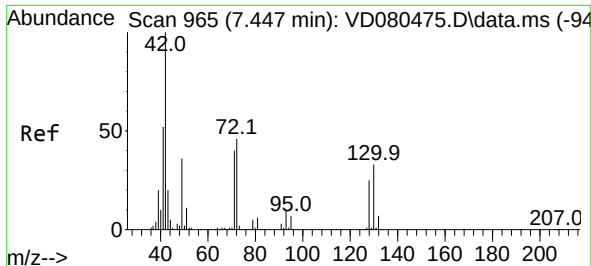
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 74.3 62.8 94.2





#29

Tetrahydrofuran

Concen: 238.318 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

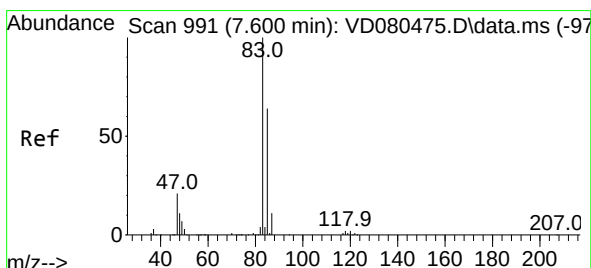
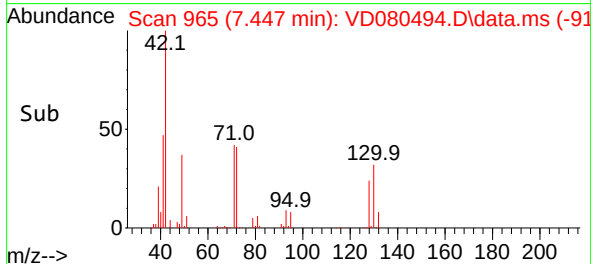
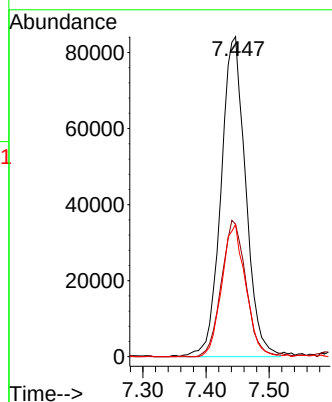
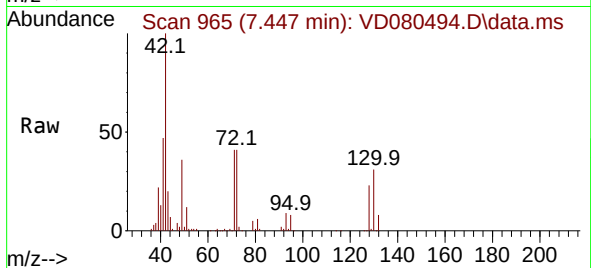
Tgt Ion: 42 Resp: 228274

Ion Ratio Lower Upper

42 100

72 42.3 35.9 53.9

71 40.2 33.2 49.8



#30

Chloroform

Concen: 49.249 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.006 min

Lab File: VD080494.D

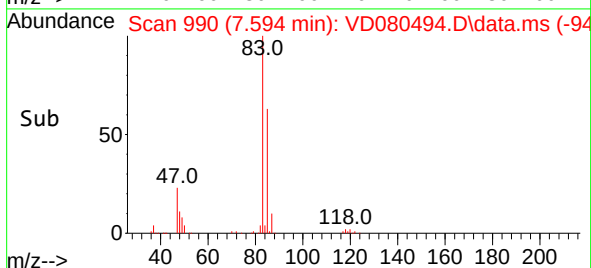
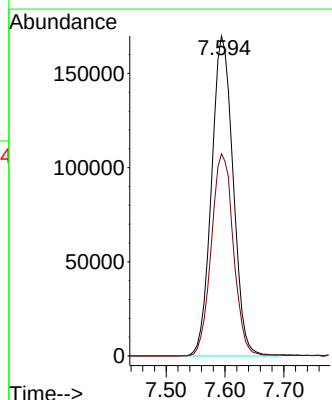
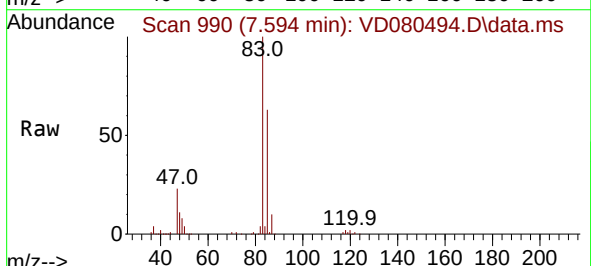
Acq: 27 Jun 2025 14:49

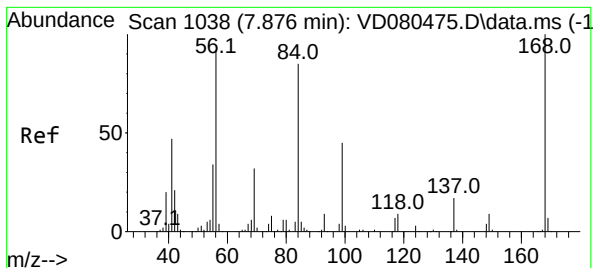
Tgt Ion: 83 Resp: 432856

Ion Ratio Lower Upper

83 100

85 63.1 51.2 76.8





#31

Cyclohexane

Concen: 49.442 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

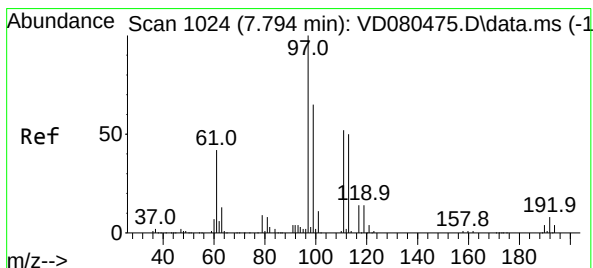
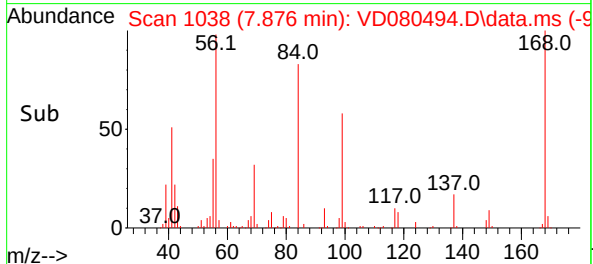
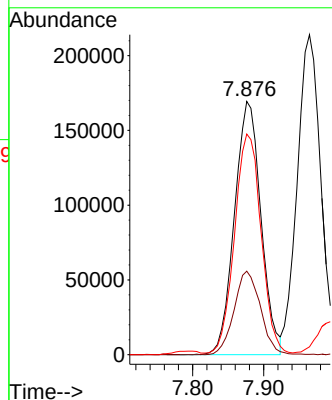
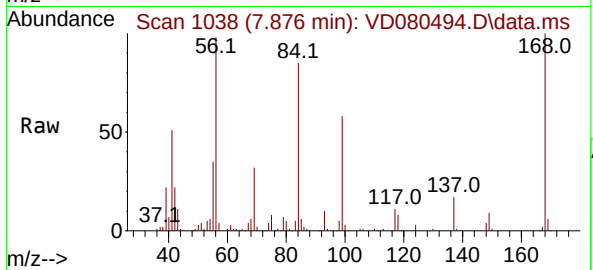
Tgt Ion: 56 Resp: 439882

Ion Ratio Lower Upper

56 100

69 33.0 28.1 42.1

84 85.8 73.7 110.5



#32

1,1,1-Trichloroethane

Concen: 50.667 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

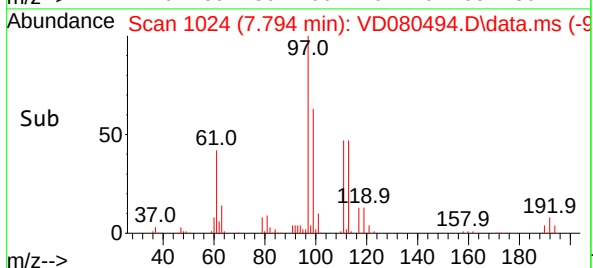
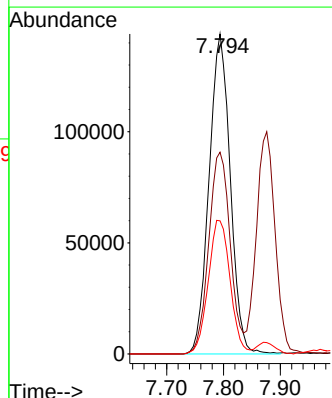
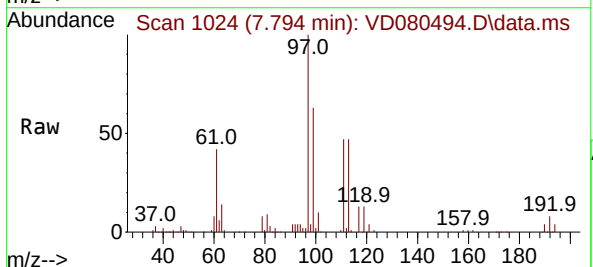
Tgt Ion: 97 Resp: 372329

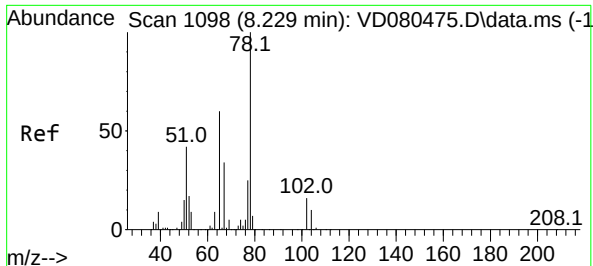
Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 43.1 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 49.836 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

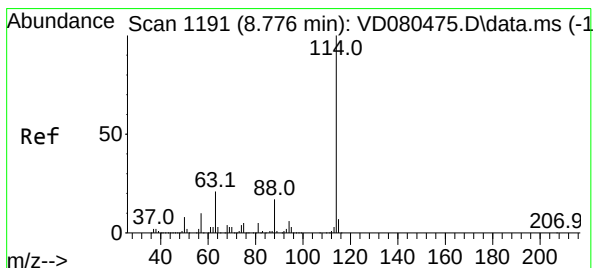
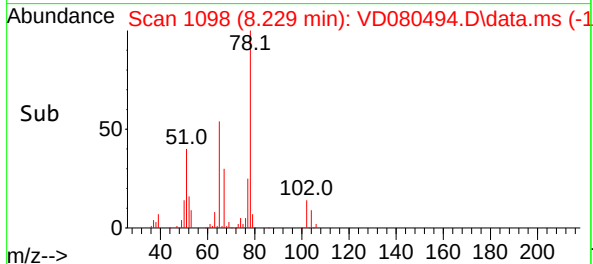
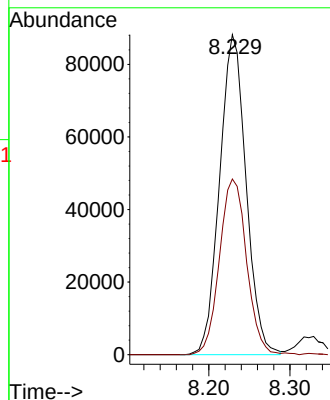
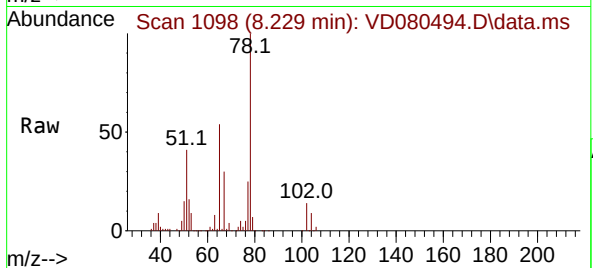
VSTDCCC050EC

Tgt Ion: 65 Resp: 199807

Ion Ratio Lower Upper

65 100

67 56.3 0.0 113.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

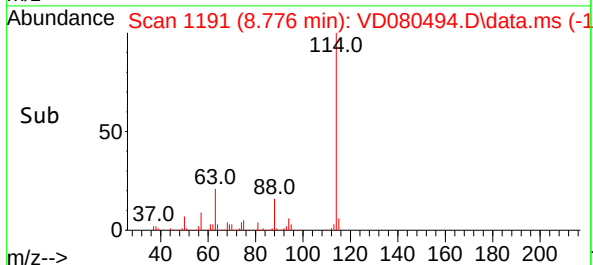
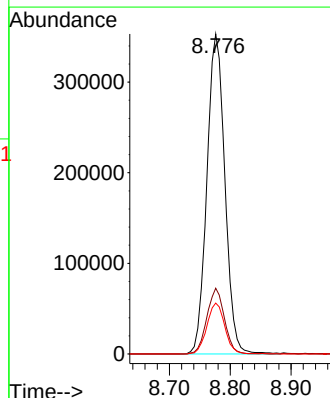
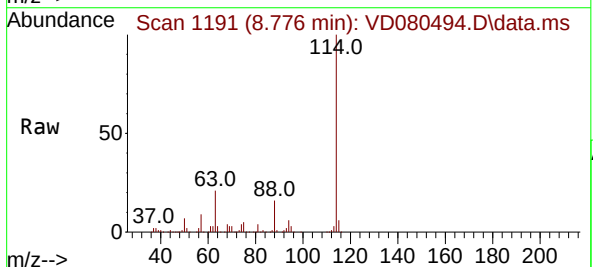
Tgt Ion: 114 Resp: 724319

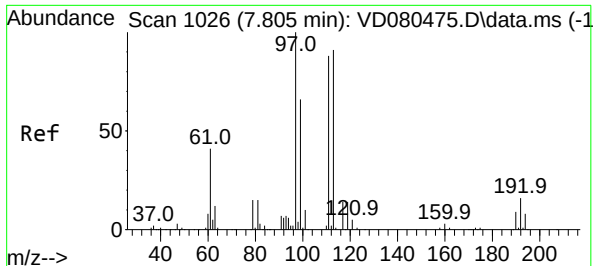
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.0

88 15.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 53.292 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

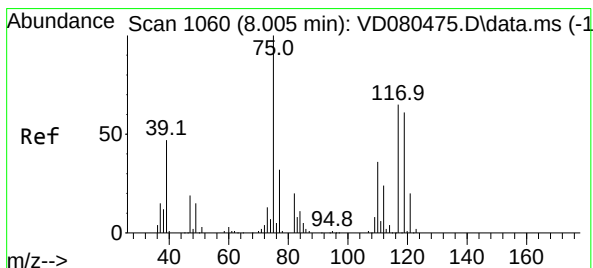
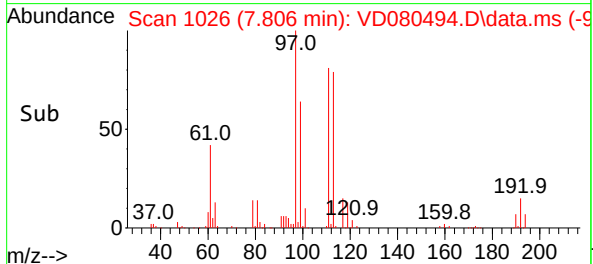
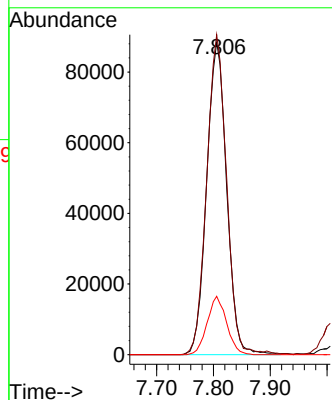
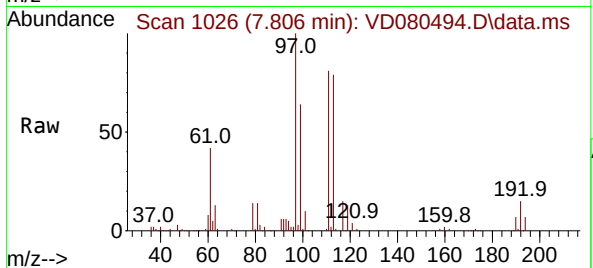
Tgt Ion:113 Resp: 216145

Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

192 18.1 15.0 22.6



#36

1,1-Dichloropropene

Concen: 52.739 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

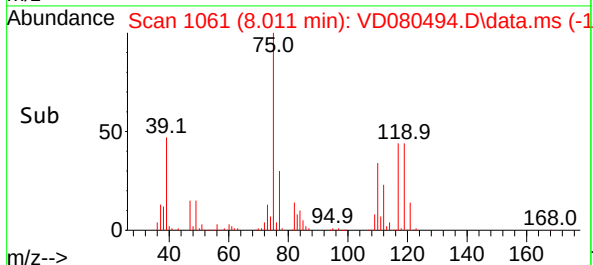
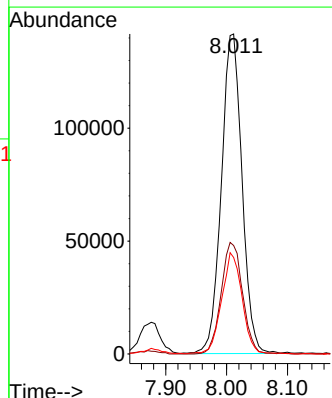
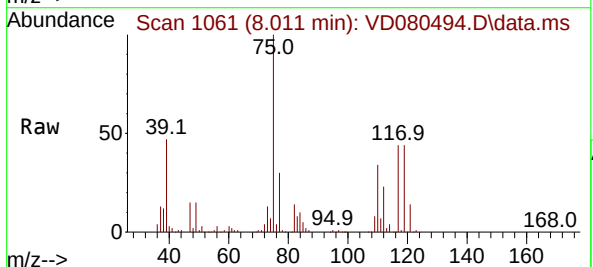
Tgt Ion: 75 Resp: 334074

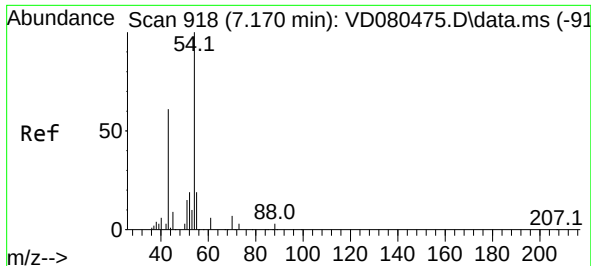
Ion Ratio Lower Upper

75 100

110 36.0 18.2 54.6

77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 49.401 ug/l

RT: 7.164 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

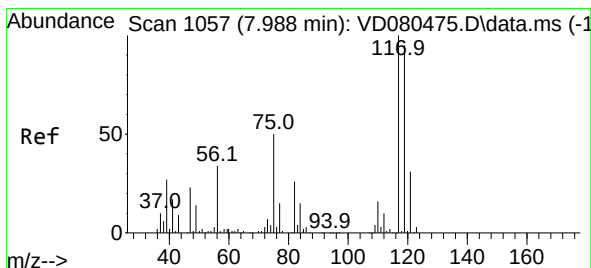
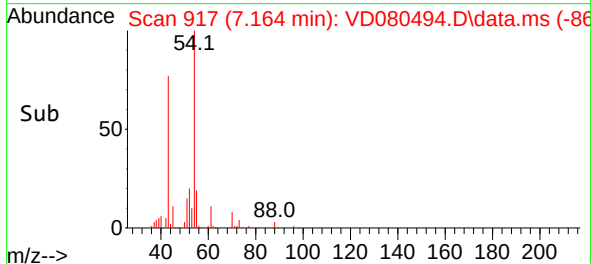
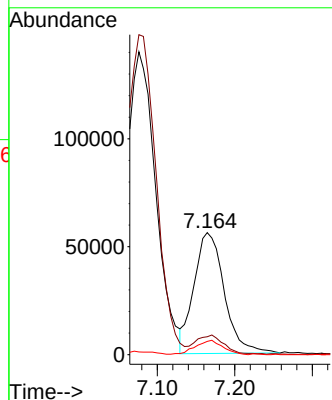
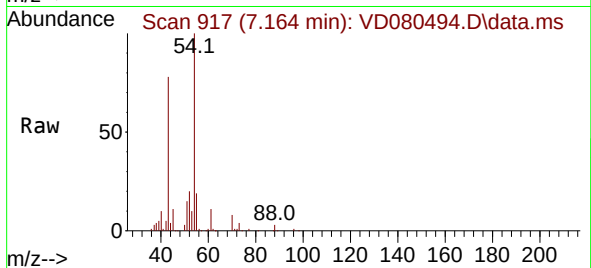
Tgt Ion: 43 Resp: 152090

Ion Ratio Lower Upper

43 100

61 15.3 12.2 18.2

70 10.8 9.2 13.8



#38

Carbon Tetrachloride

Concen: 52.447 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

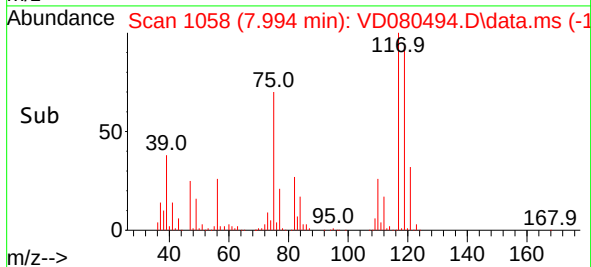
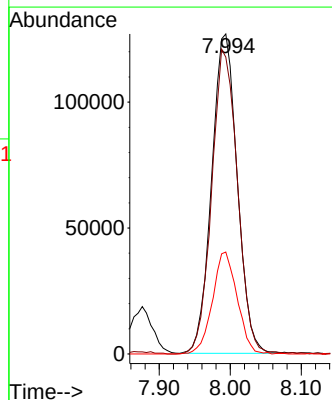
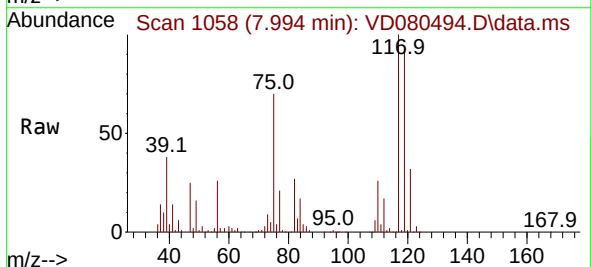
Tgt Ion: 117 Resp: 317416

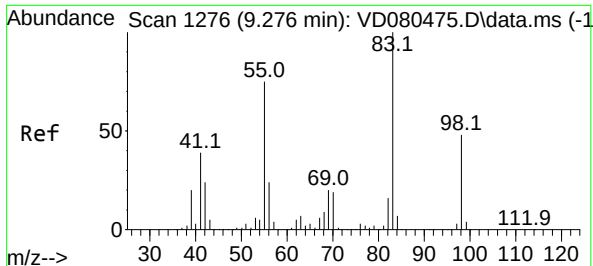
Ion Ratio Lower Upper

117 100

119 92.8 75.8 113.6

121 31.9 25.0 37.4





#39

Methylcyclohexane

Concen: 52.163 ug/l

RT: 9.270 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

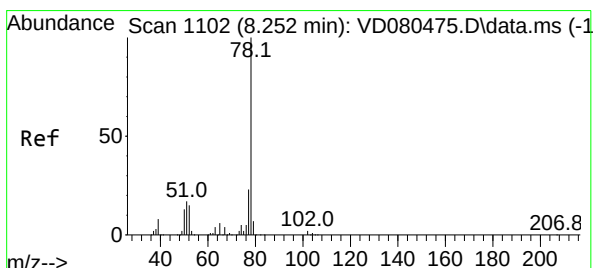
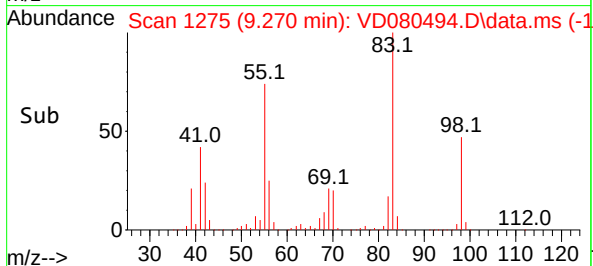
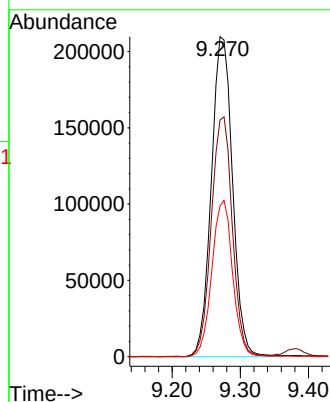
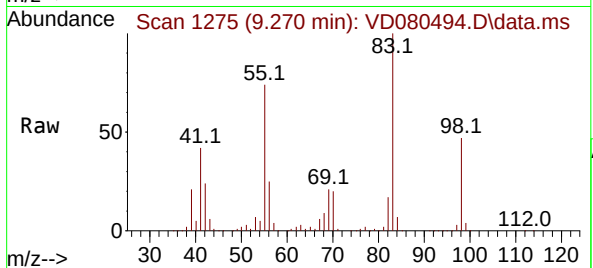
Tgt Ion: 83 Resp: 454929

Ion Ratio Lower Upper

83 100

55 73.8 59.8 89.8

98 47.1 38.2 57.2



#40

Benzene

Concen: 50.612 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080494.D

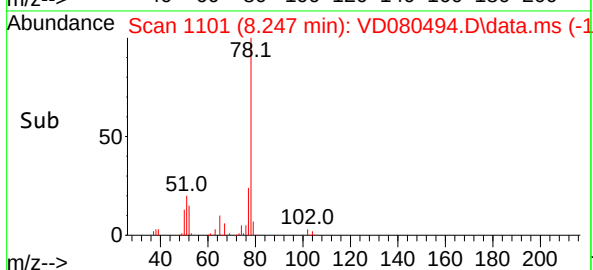
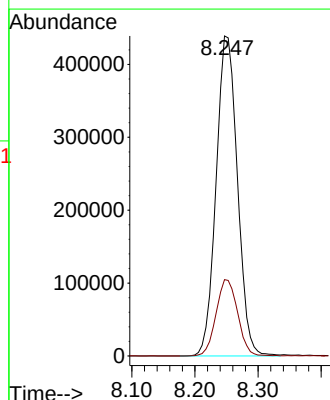
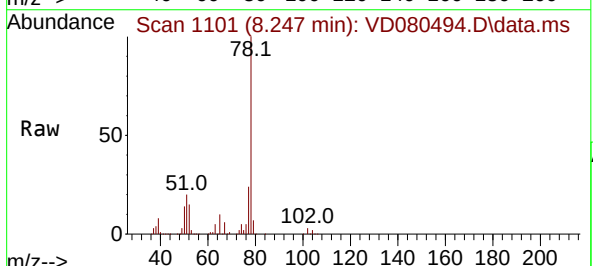
Acq: 27 Jun 2025 14:49

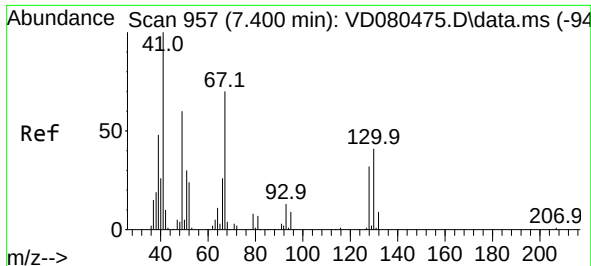
Tgt Ion: 78 Resp: 1028978

Ion Ratio Lower Upper

78 100

77 23.9 18.6 28.0

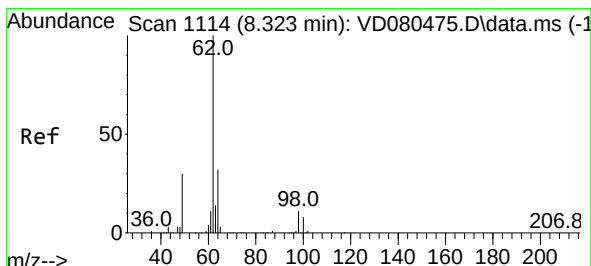
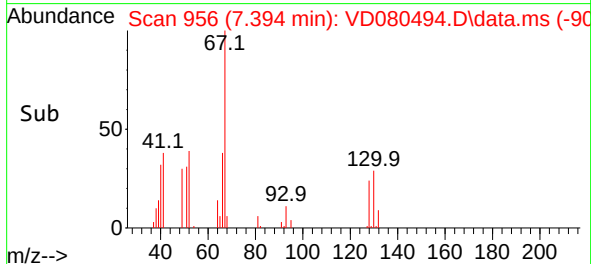
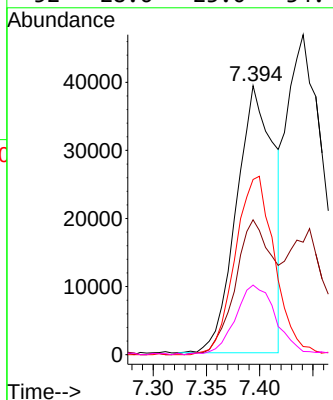
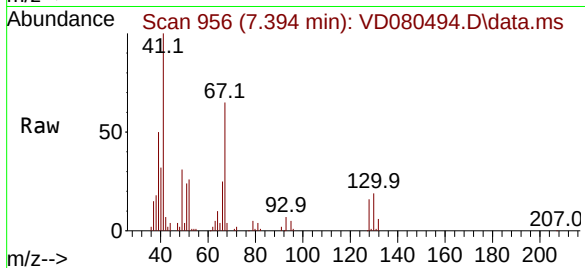




#41
Methacrylonitrile
Concen: 48.819 ug/l
RT: 7.394 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

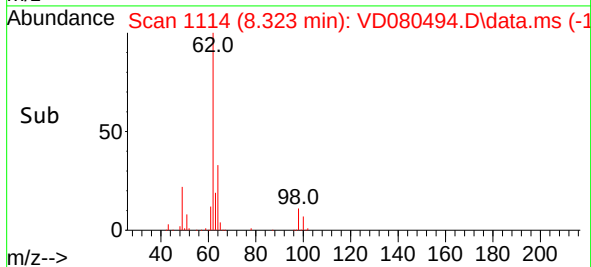
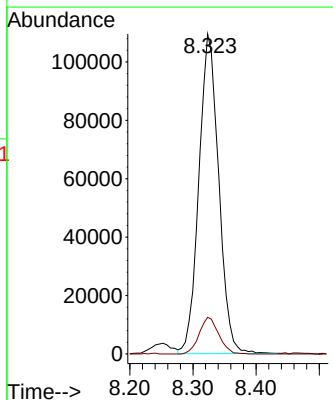
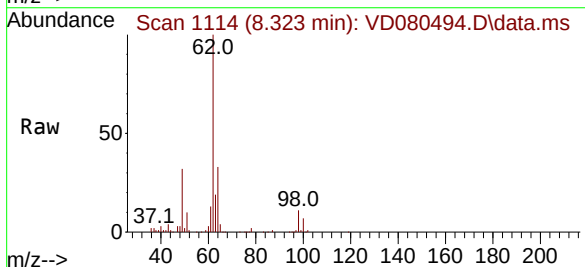
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

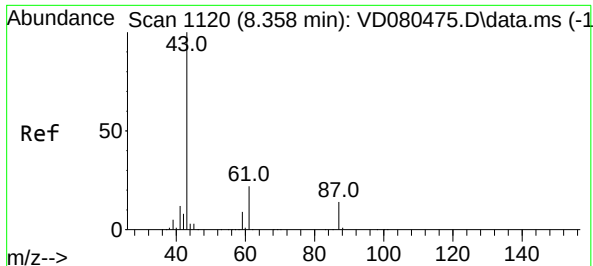
Tgt Ion: 41 Resp: 96060
Ion Ratio Lower Upper
41 100
39 50.4 43.4 65.0
67 70.3 59.2 88.8
52 28.6 23.0 34.4



#42
1,2-Dichloroethane
Concen: 49.872 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 62 Resp: 238529
Ion Ratio Lower Upper
62 100
98 11.3 0.0 22.0





#43

Isopropyl Acetate

Concen: 50.833 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

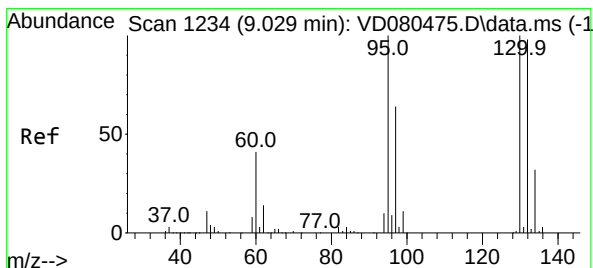
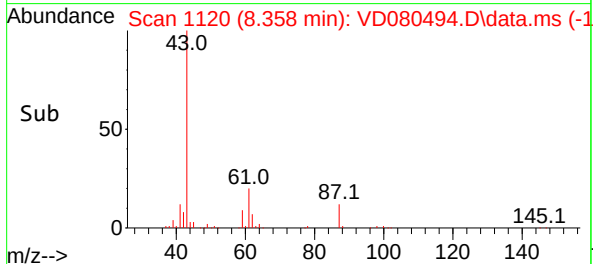
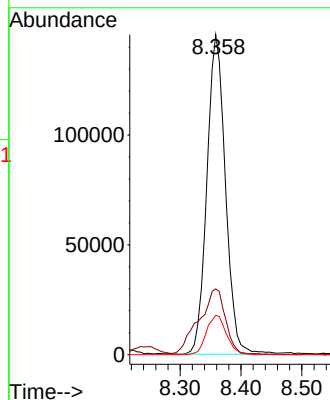
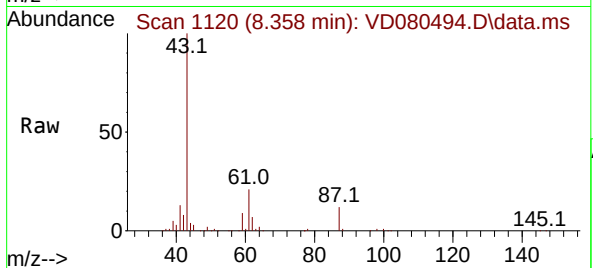
Tgt Ion: 43 Resp: 307999

Ion Ratio Lower Upper

43 100

61 29.1 24.4 36.6

87 13.2 11.4 17.2



#44

Trichloroethene

Concen: 51.926 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VD080494.D

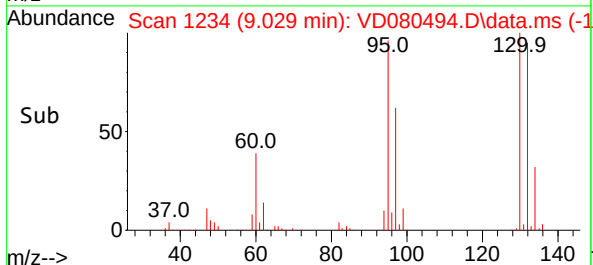
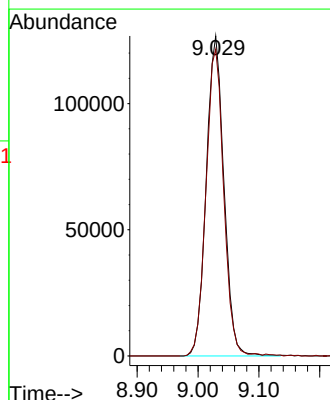
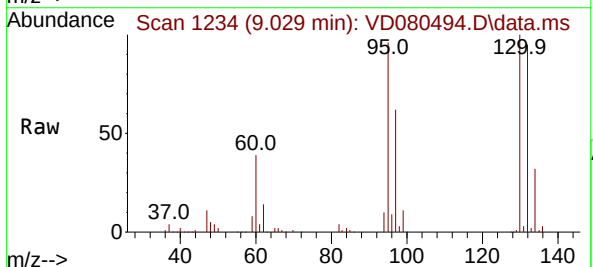
Acq: 27 Jun 2025 14:49

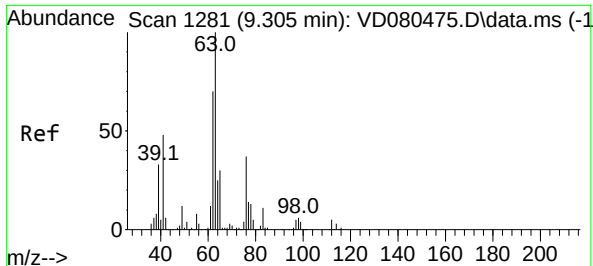
Tgt Ion:130 Resp: 255848

Ion Ratio Lower Upper

130 100

95 95.8 0.0 200.6





#45

1,2-Dichloropropane

Concen: 50.961 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

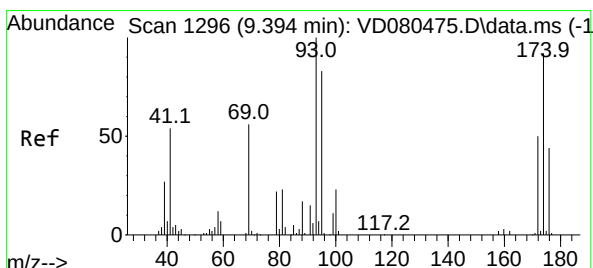
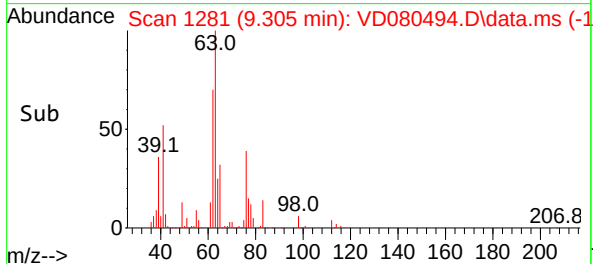
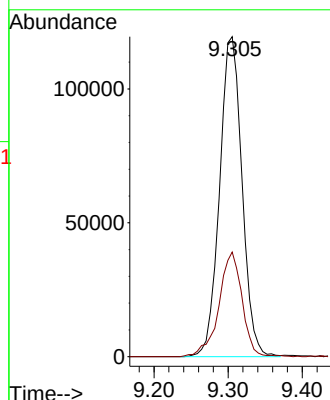
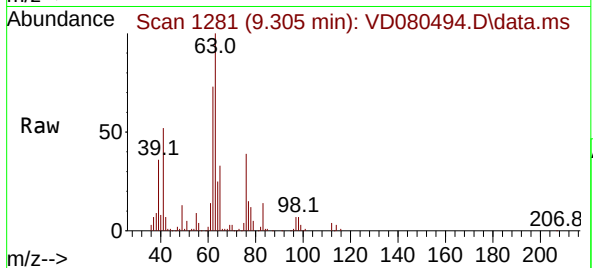
VSTDCCC050EC

Tgt Ion: 63 Resp: 251273

Ion Ratio Lower Upper

63 100

65 32.7 24.0 36.0



#46

Dibromomethane

Concen: 50.303 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

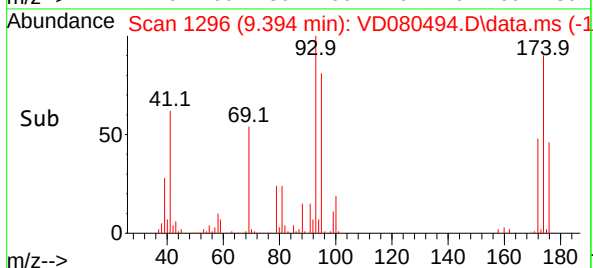
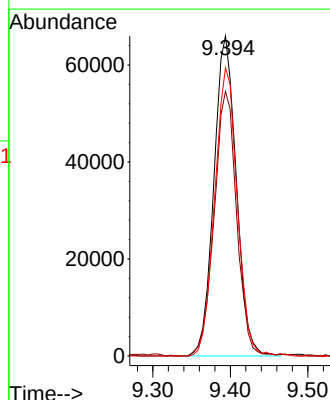
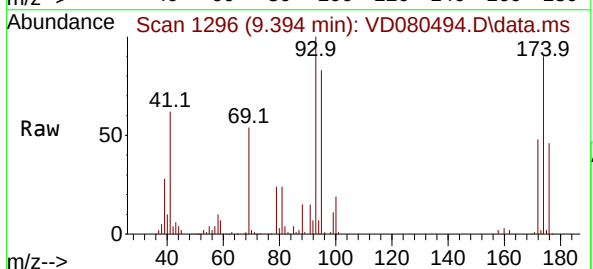
Tgt Ion: 93 Resp: 132244

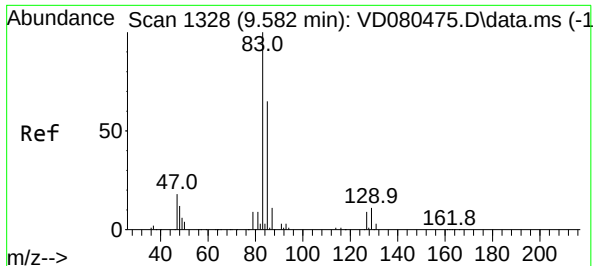
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 90.7 75.4 113.0

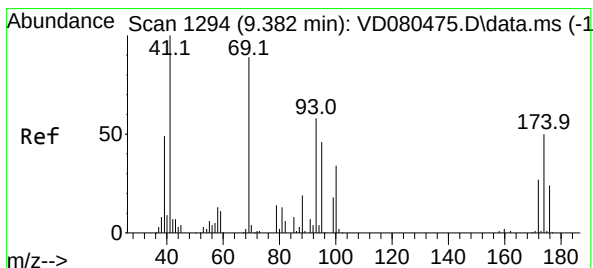
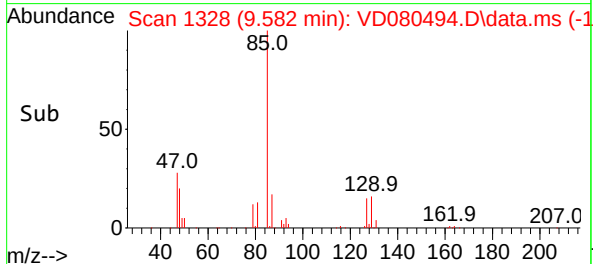
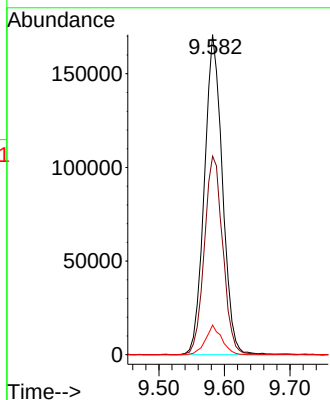
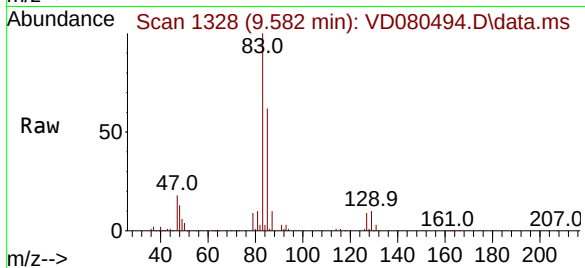




#47
Bromodichloromethane
Concen: 50.160 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

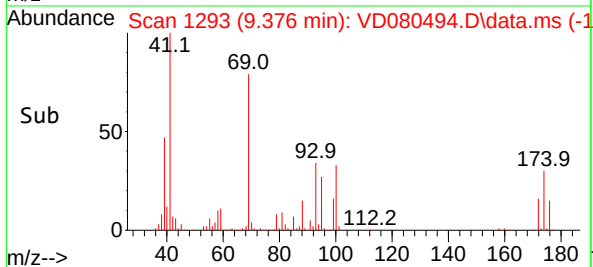
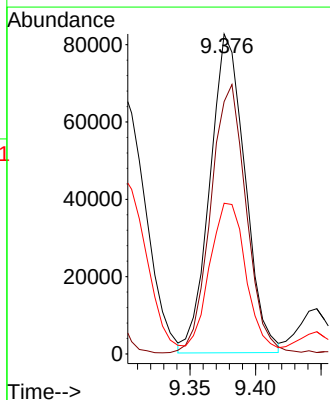
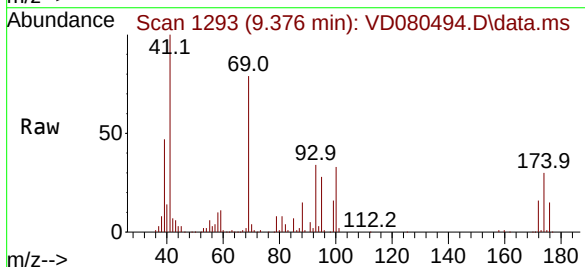
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

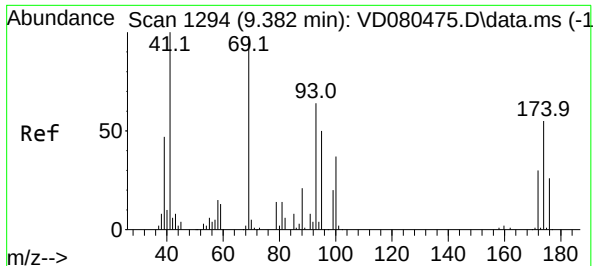
Tgt Ion: 83 Resp: 326923
Ion Ratio Lower Upper
83 100
85 62.0 52.2 78.2
127 9.2 6.9 10.3



#48
Methyl methacrylate
Concen: 50.062 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 41 Resp: 153444
Ion Ratio Lower Upper
41 100
69 84.9 70.2 105.4
39 49.3 40.2 60.2

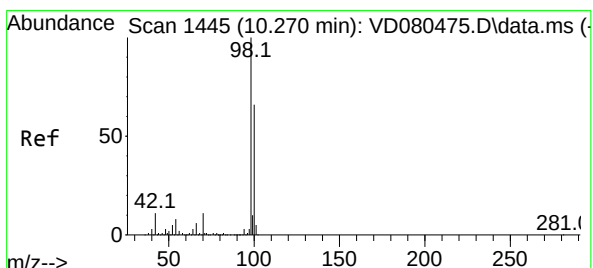
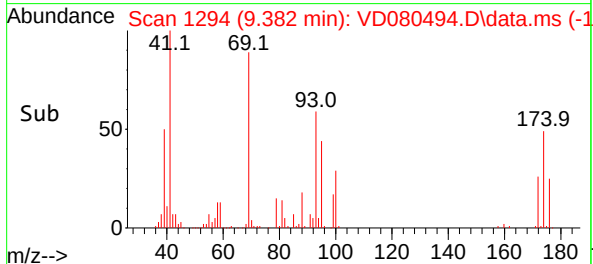
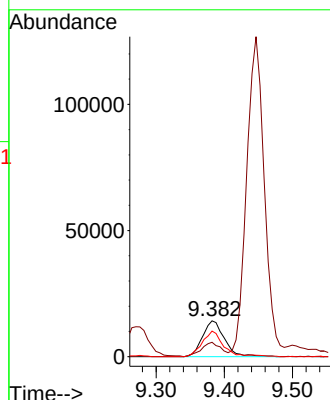
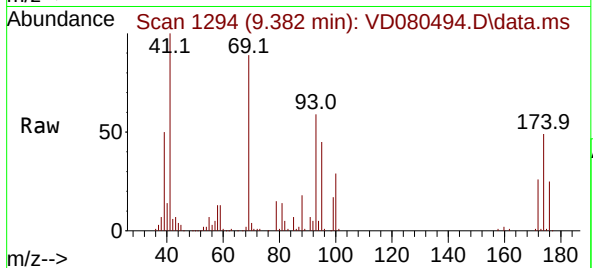




#49
1,4-Dioxane
Concen: 927.205 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

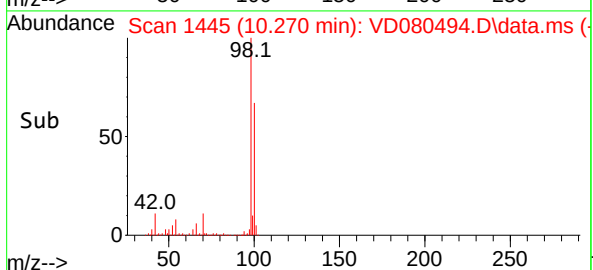
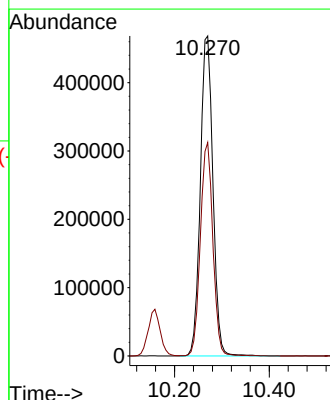
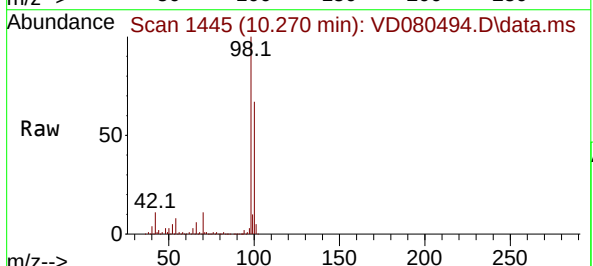
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

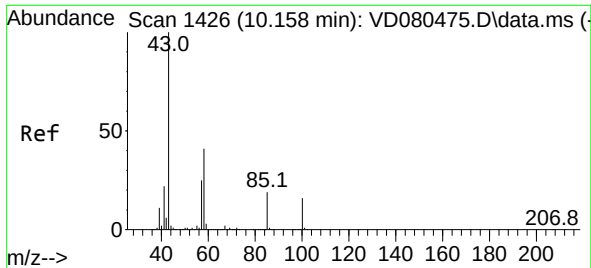
Tgt Ion: 88 Resp: 31622
Ion Ratio Lower Upper
88 100
43 36.1 26.7 40.1
58 67.1 56.4 84.6



#50
Toluene-d8
Concen: 52.559 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 98 Resp: 861191
Ion Ratio Lower Upper
98 100
100 66.5 52.2 78.4

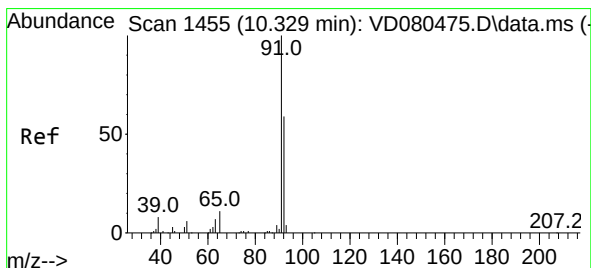
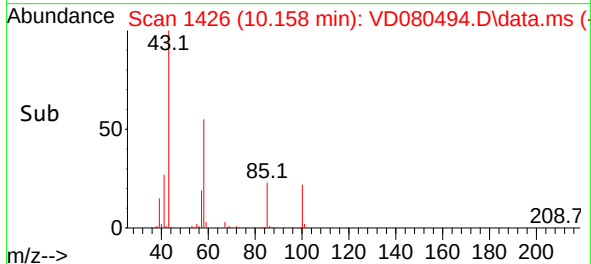
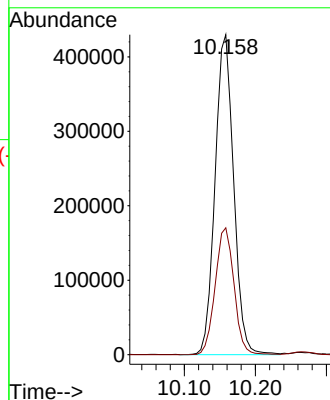
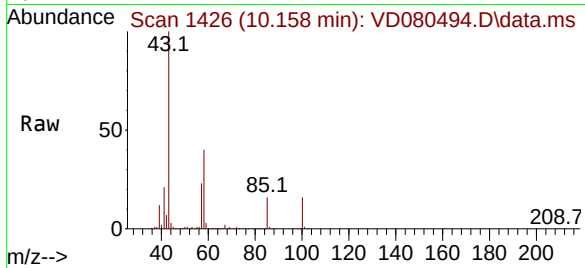




#51
4-Methyl-2-Pentanone
Concen: 253.431 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

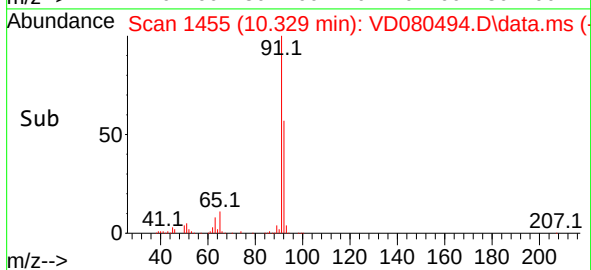
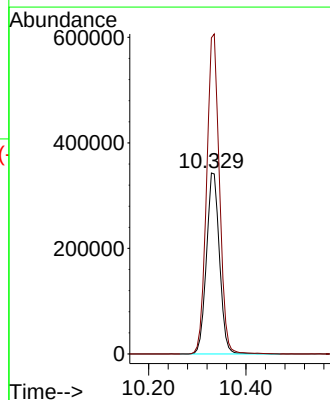
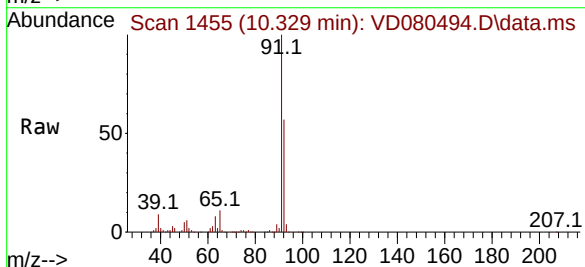
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

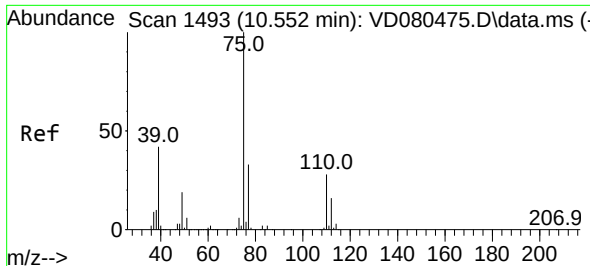
Tgt Ion: 43 Resp: 779768
Ion Ratio Lower Upper
43 100
58 40.1 33.3 49.9



#52
Toluene
Concen: 49.867 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 92 Resp: 633669
Ion Ratio Lower Upper
92 100
91 174.0 137.1 205.7

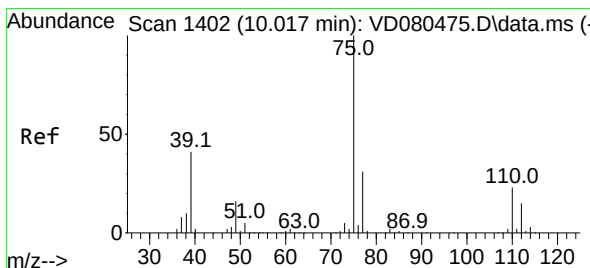
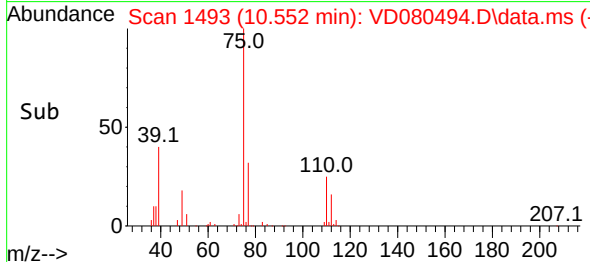
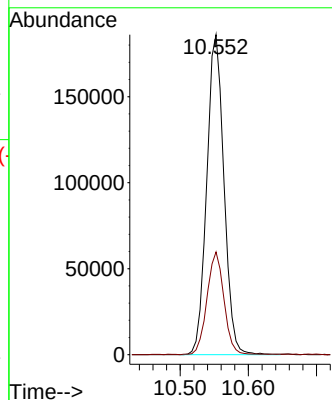
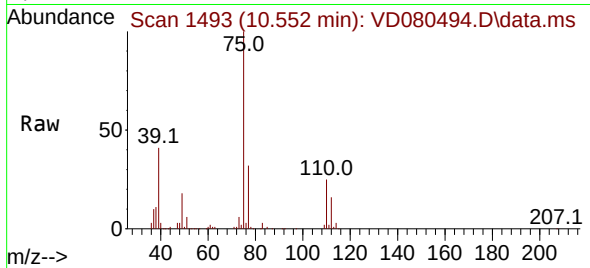




#53
 t-1,3-Dichloropropene
 Concen: 50.002 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080494.D
 Acq: 27 Jun 2025 14:49

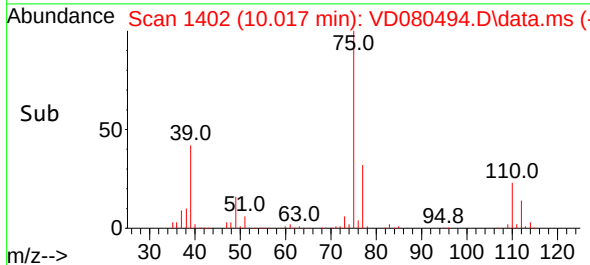
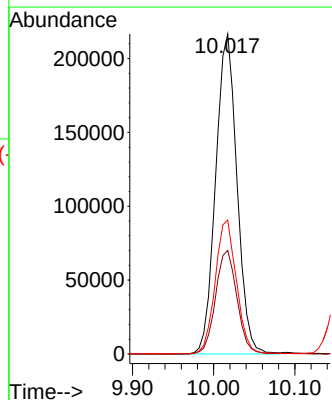
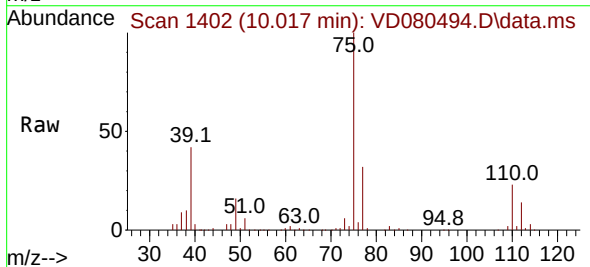
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

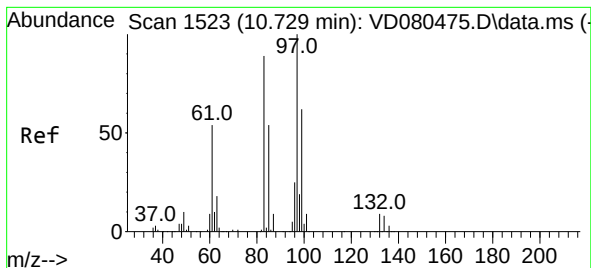
Tgt Ion: 75 Resp: 326404
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.447 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080494.D
 Acq: 27 Jun 2025 14:49

Tgt Ion: 75 Resp: 395618
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.9 37.3
 39 41.8 32.5 48.7





#55

1,1,2-Trichloroethane

Concen: 47.694 ug/l

RT: 10.729 min Scan# 1523

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 170924

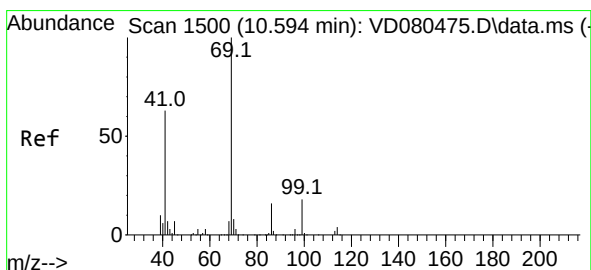
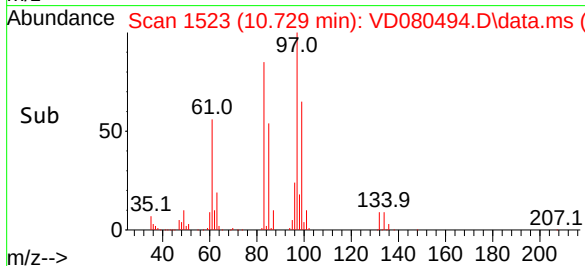
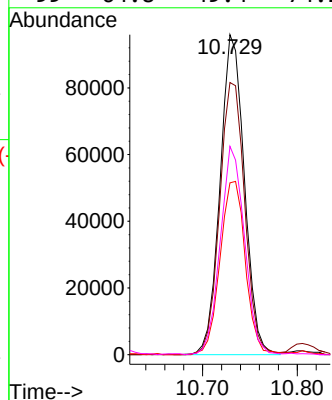
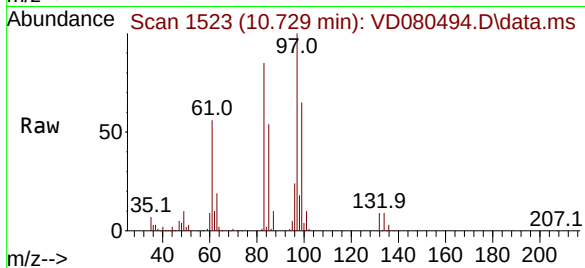
Ion Ratio Lower Upper

97 100

83 85.1 71.4 107.2

85 53.7 43.4 65.2

99 64.8 49.4 74.2



#56

Ethyl methacrylate

Concen: 49.575 ug/l

RT: 10.594 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

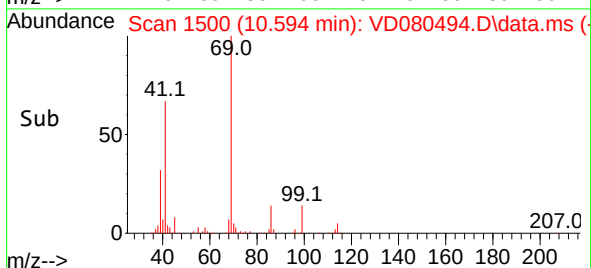
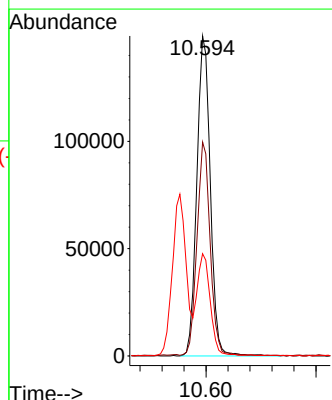
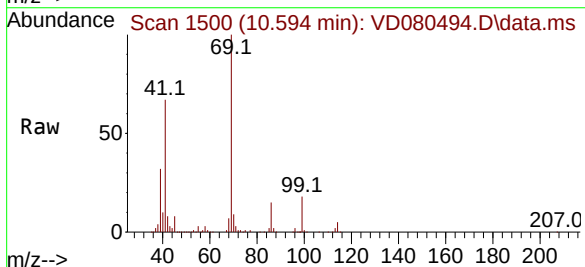
Tgt Ion: 69 Resp: 253602

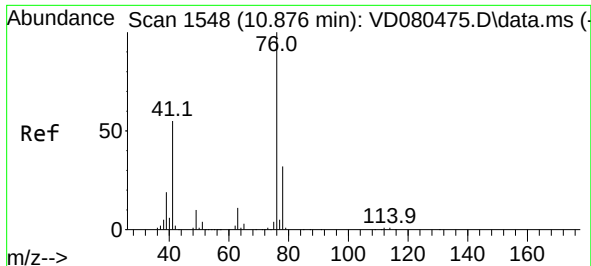
Ion Ratio Lower Upper

69 100

41 65.8 50.7 76.1

39 30.5 23.4 35.2





#57

1,3-Dichloropropane

Concen: 49.493 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

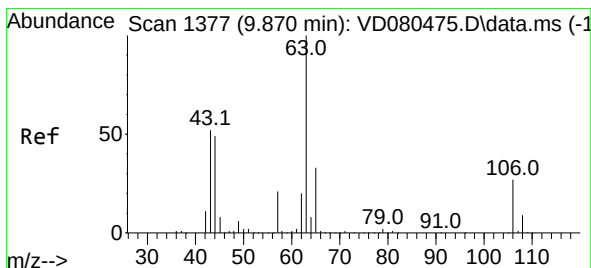
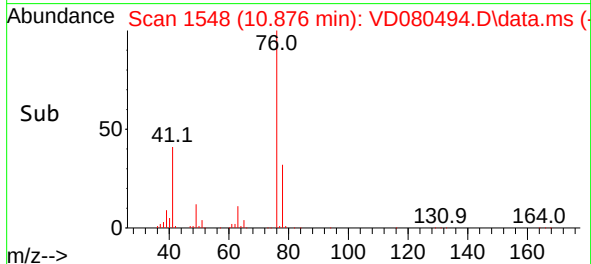
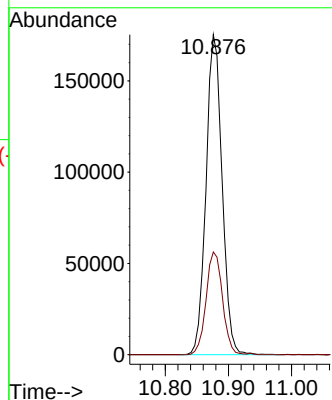
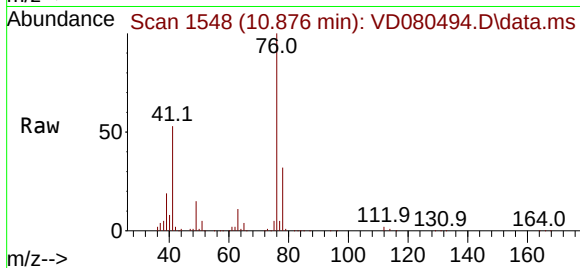
VSTDCCC050EC

Tgt Ion: 76 Resp: 310340

Ion Ratio Lower Upper

76 100

78 32.9 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 250.810 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080494.D

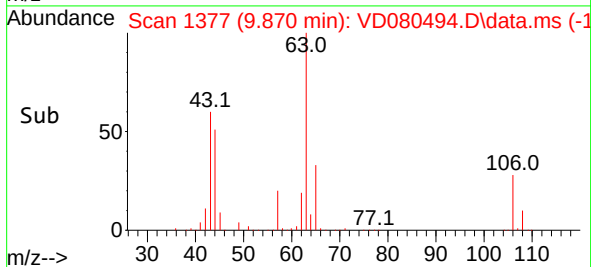
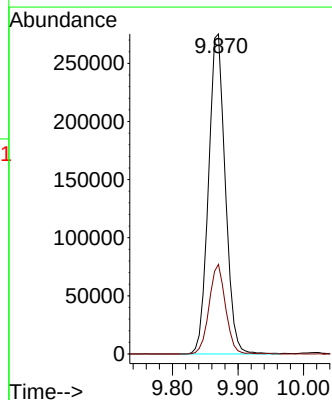
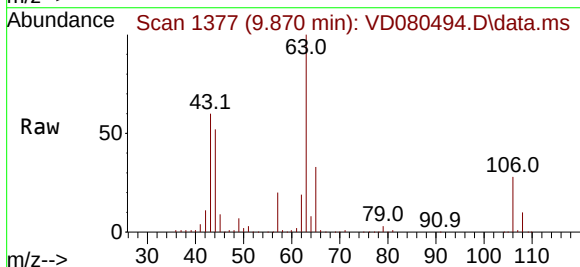
Acq: 27 Jun 2025 14:49

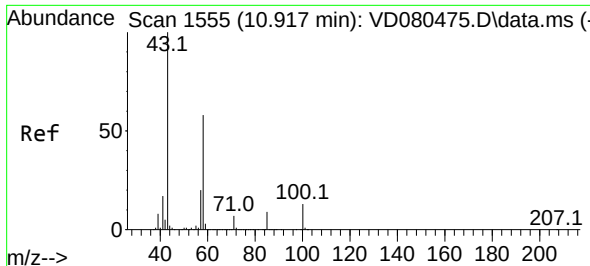
Tgt Ion: 63 Resp: 490004

Ion Ratio Lower Upper

63 100

106 27.3 21.7 32.5

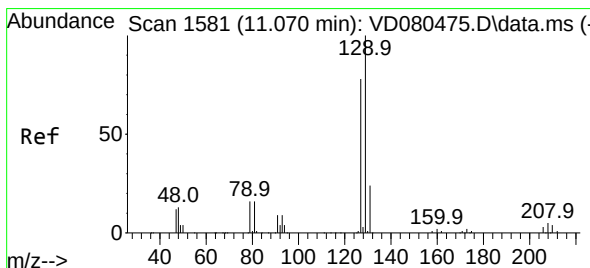
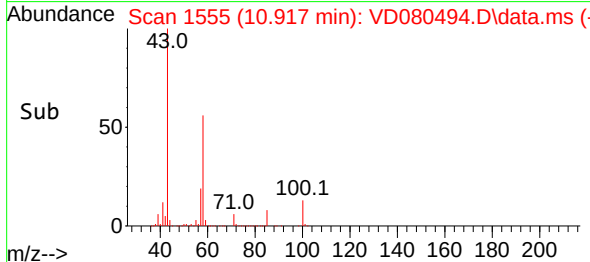
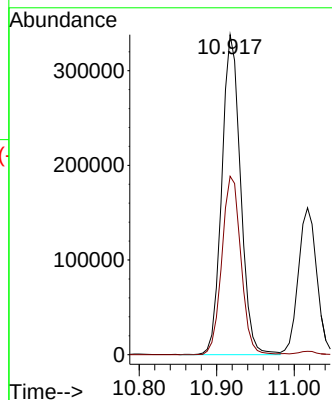
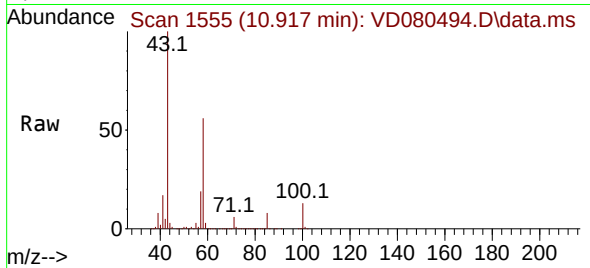




#59
2-Hexanone
Concen: 261.033 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

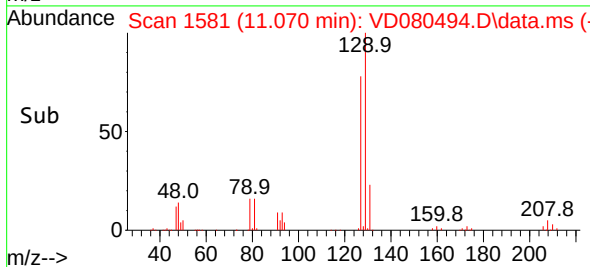
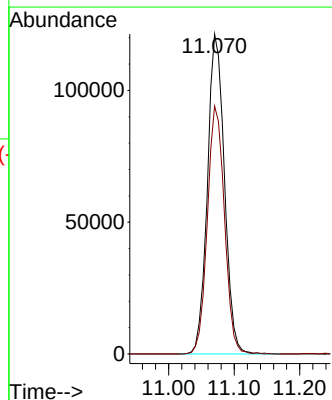
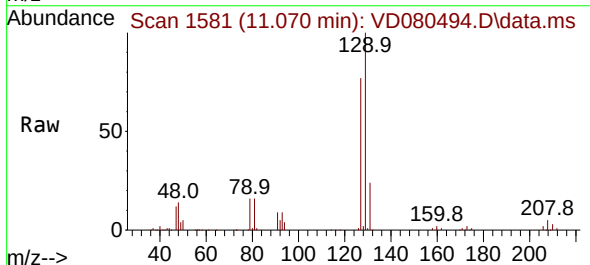
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

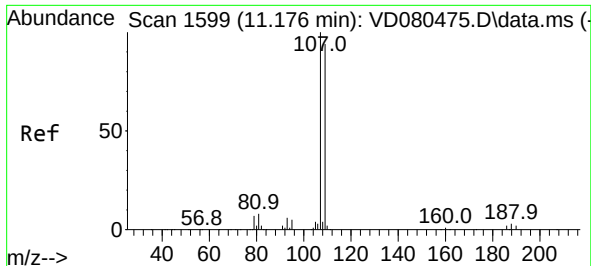
Tgt Ion: 43 Resp: 568432
Ion Ratio Lower Upper
43 100
58 56.6 29.0 87.1



#60
Dibromochloromethane
Concen: 49.524 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 129 Resp: 219061
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2

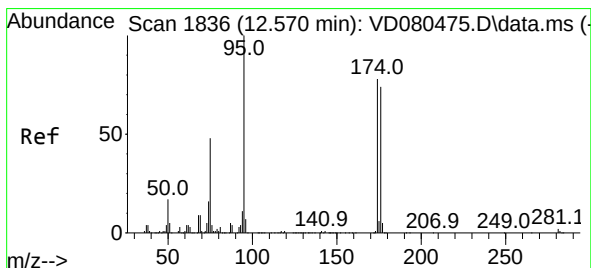
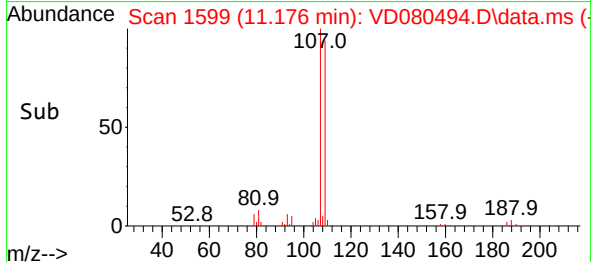
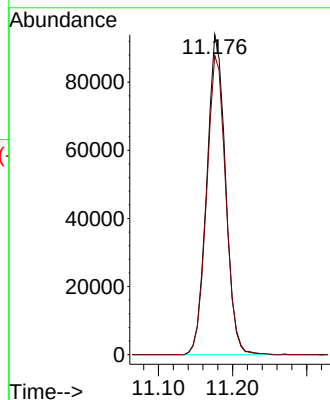
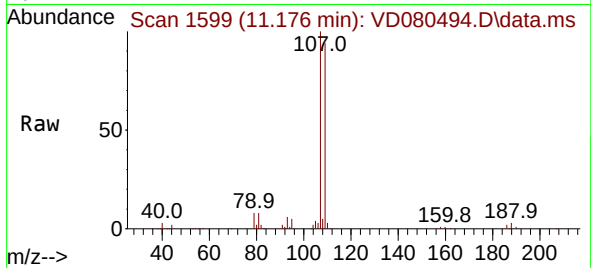




#61
1,2-Dibromoethane
Concen: 48.133 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

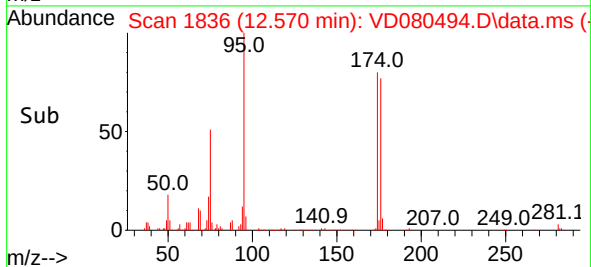
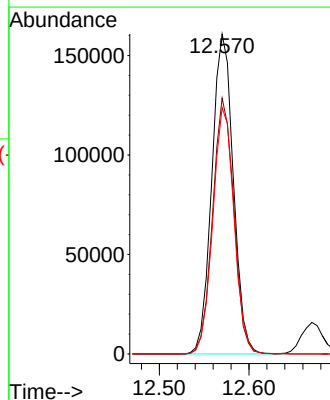
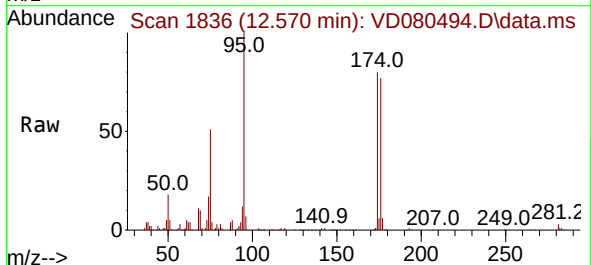
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

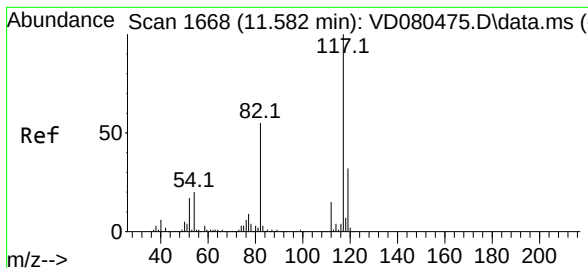
Tgt Ion:107 Resp: 164937
Ion Ratio Lower Upper
107 100
109 95.4 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 49.683 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 95 Resp: 266923
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.0
176 76.3 0.0 149.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

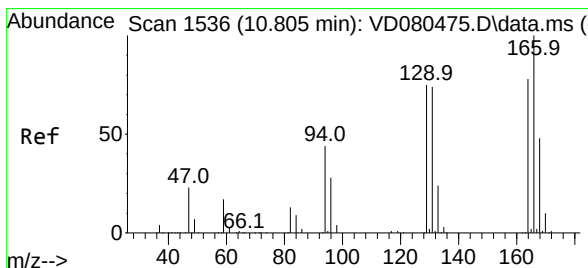
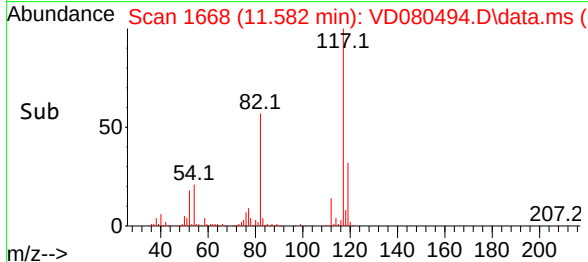
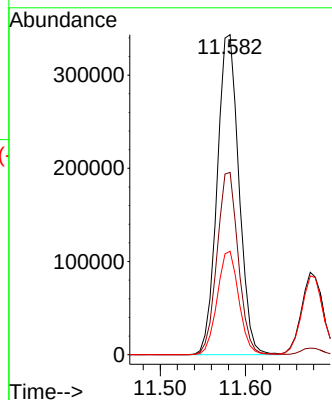
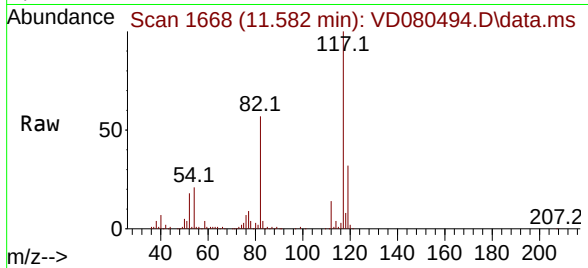
Tgt Ion:117 Resp: 609571

Ion Ratio Lower Upper

117 100

82 56.9 43.7 65.5

119 32.3 25.8 38.6



#64

Tetrachloroethene

Concen: 52.597 ug/l

RT: 10.805 min Scan# 1536

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Tgt Ion:164 Resp: 198994

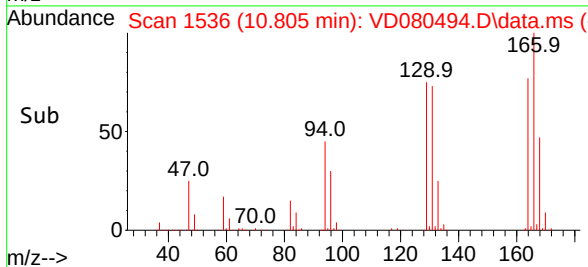
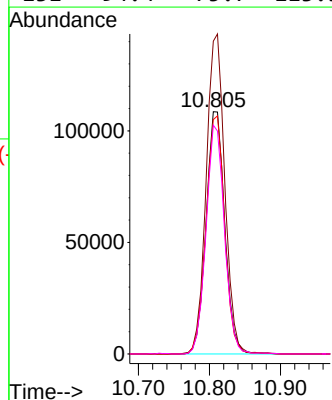
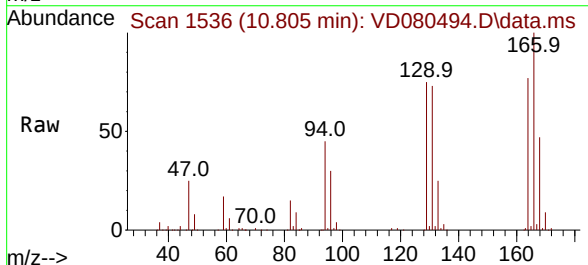
Ion Ratio Lower Upper

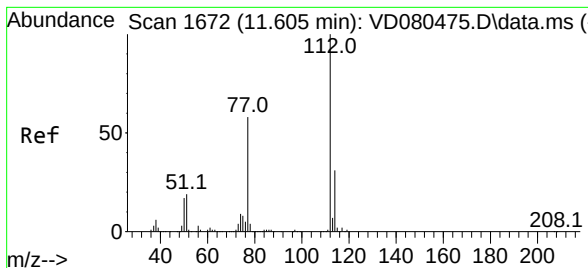
164 100

166 129.1 102.6 153.8

129 96.8 76.6 115.0

131 94.4 75.7 113.5

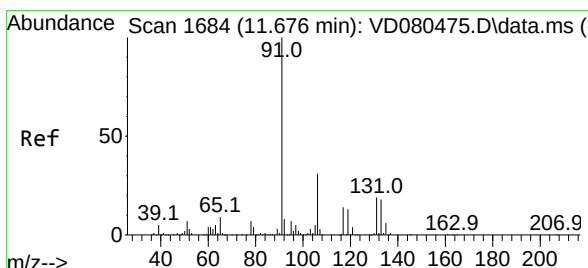
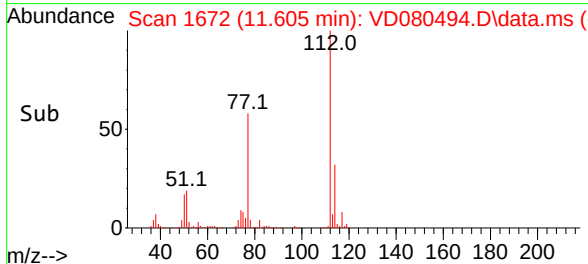
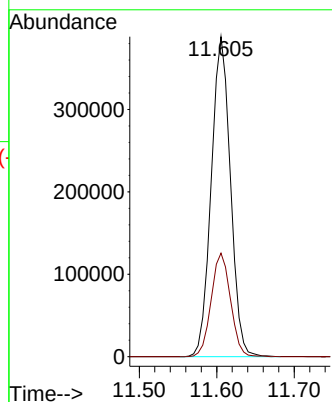
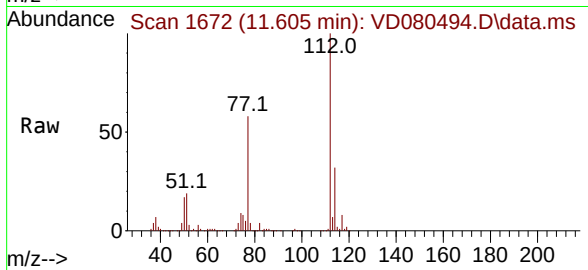




#65
Chlorobenzene
Concen: 50.864 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

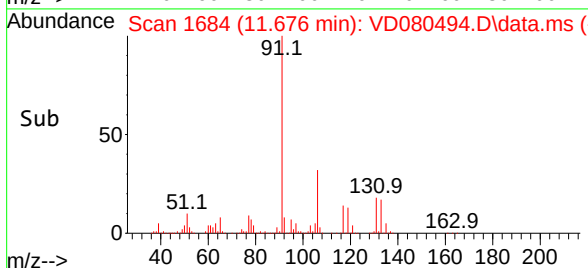
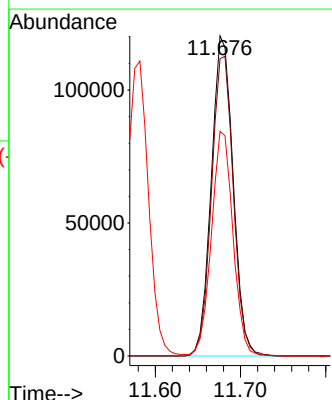
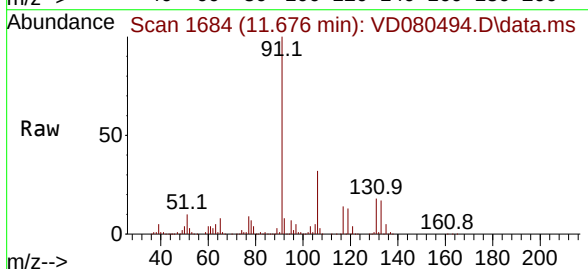
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

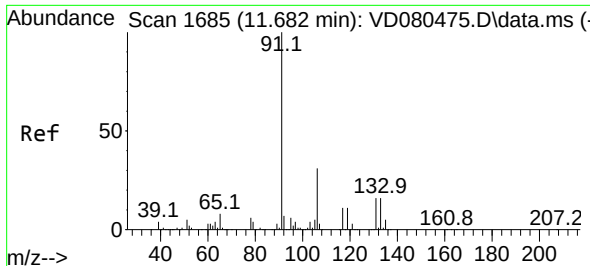
Tgt Ion:112 Resp: 668703
Ion Ratio Lower Upper
112 100
114 32.4 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.752 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion:131 Resp: 213831
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.8
119 69.5 34.9 104.7

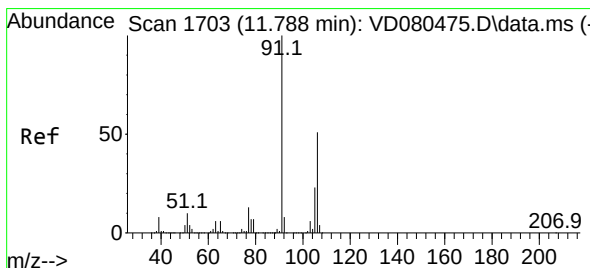
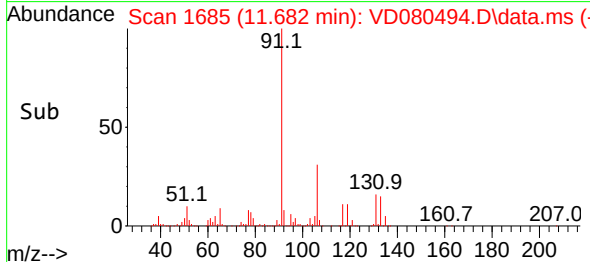
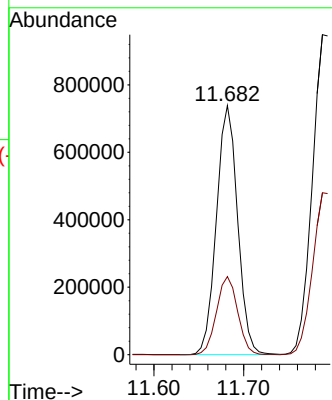
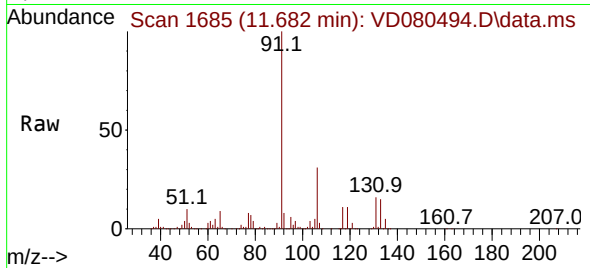




#67
Ethyl Benzene
Concen: 52.633 ug/l
RT: 11.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

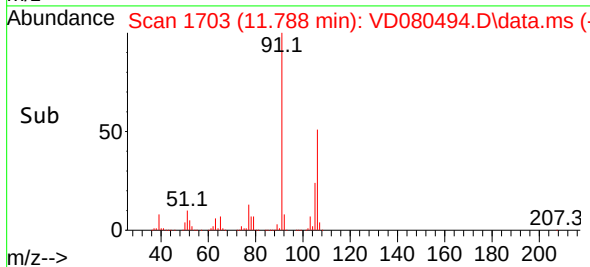
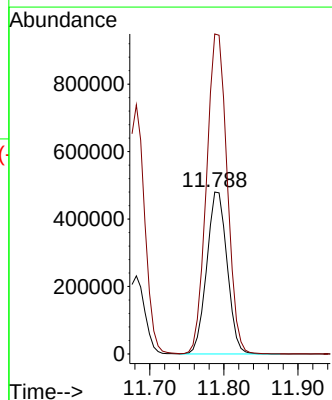
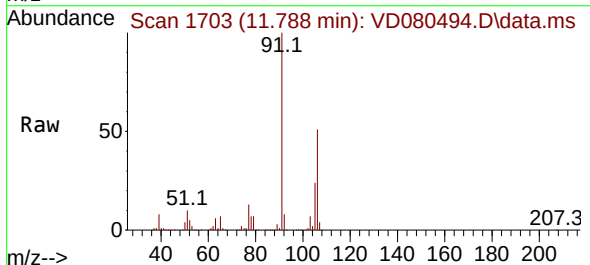
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

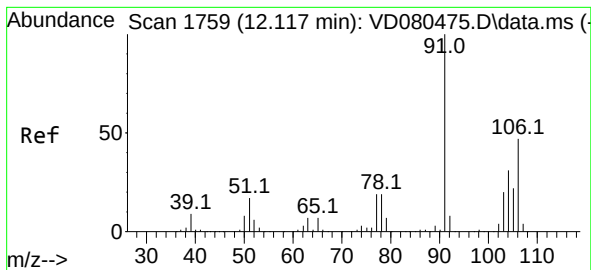
Tgt Ion: 91 Resp: 1210276
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 104.942 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion:106 Resp: 918905
Ion Ratio Lower Upper
106 100
91 199.7 159.9 239.9

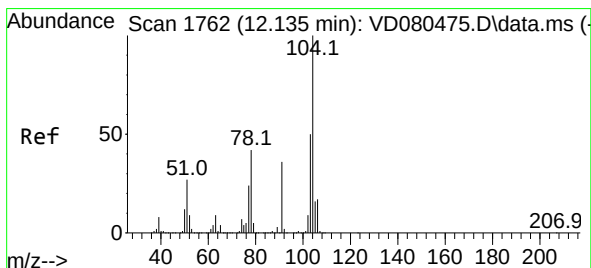
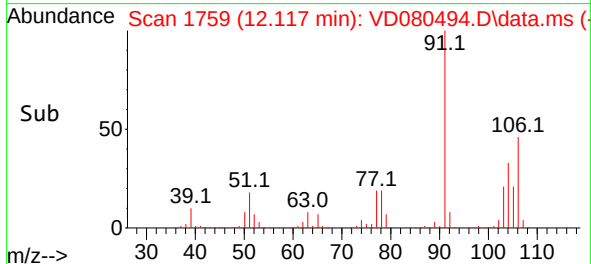
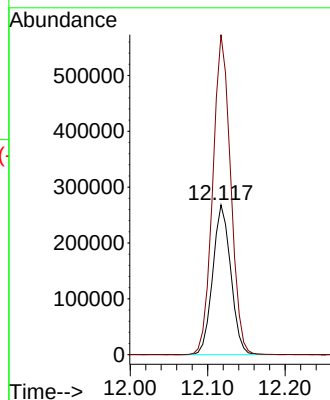
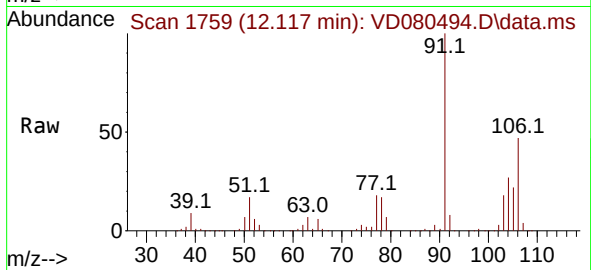




#69
o-Xylene
Concen: 51.341 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

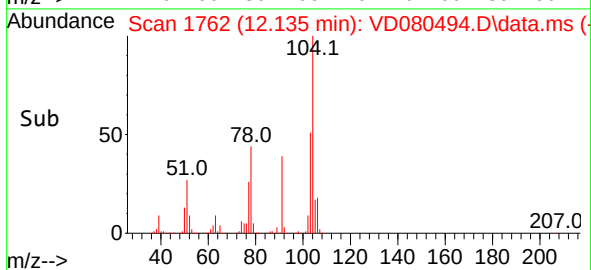
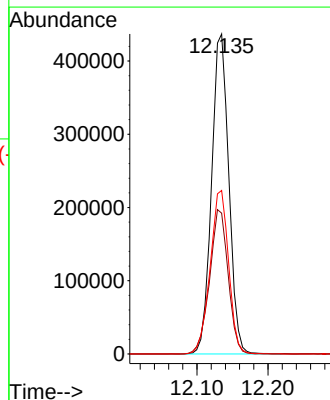
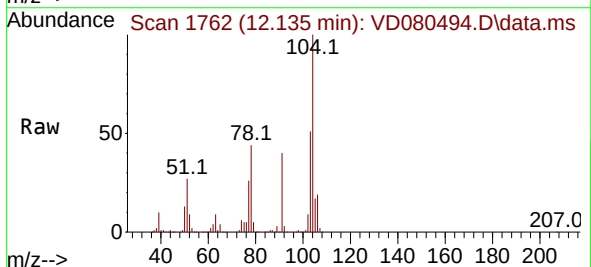
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

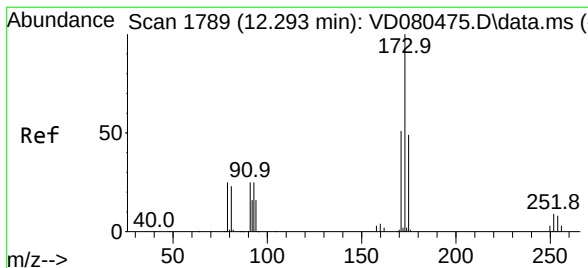
Tgt Ion:106 Resp: 433809
Ion Ratio Lower Upper
106 100
91 212.2 106.5 319.6



#70
Styrene
Concen: 51.468 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion:104 Resp: 735587
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 54.9 44.1 66.1

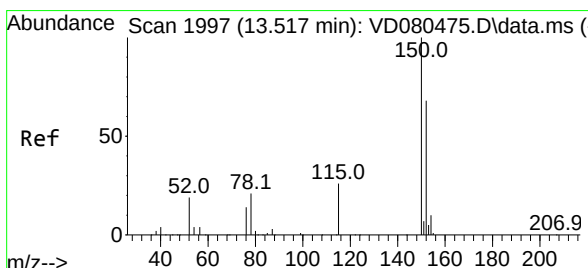
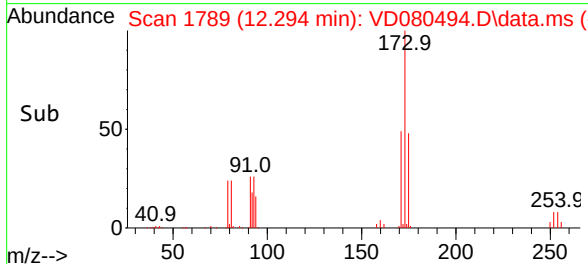
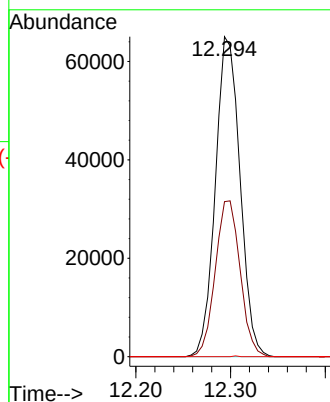
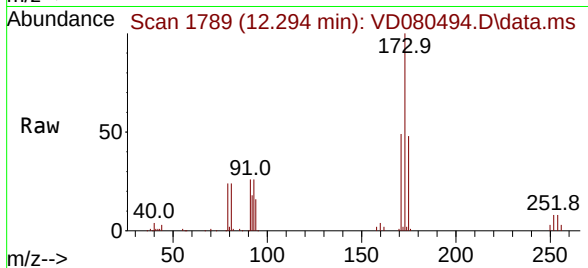




#71
Bromoform
Concen: 49.980 ug/l
RT: 12.294 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

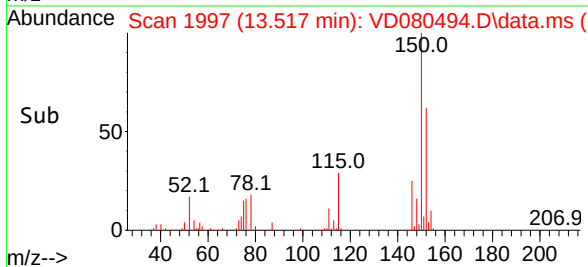
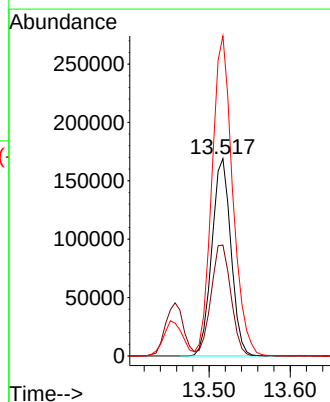
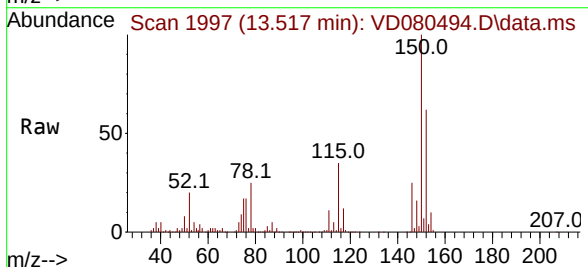
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

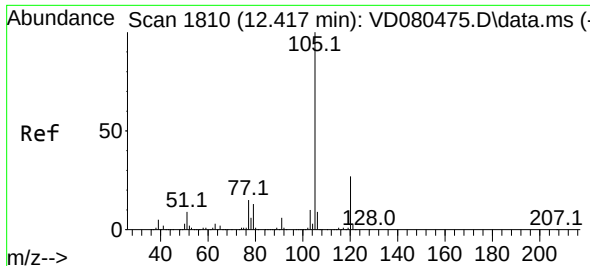
Tgt Ion:173 Resp: 117613
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion:152 Resp: 276111
Ion Ratio Lower Upper
152 100
115 58.6 30.2 90.6
150 175.5 0.0 350.2

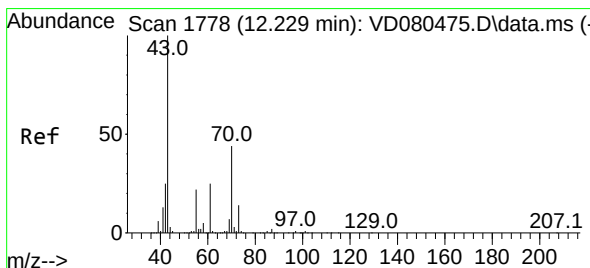
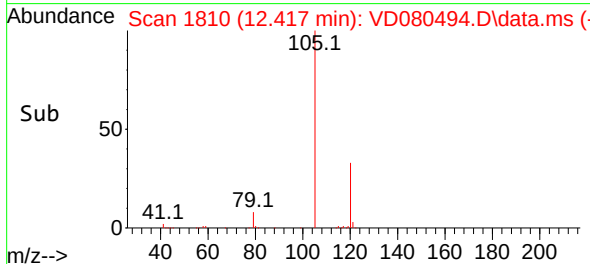
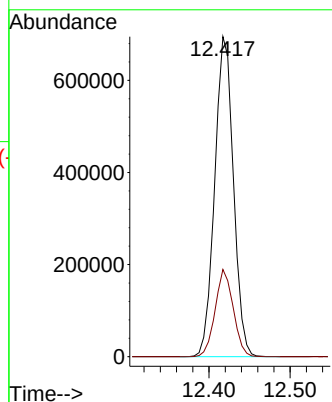
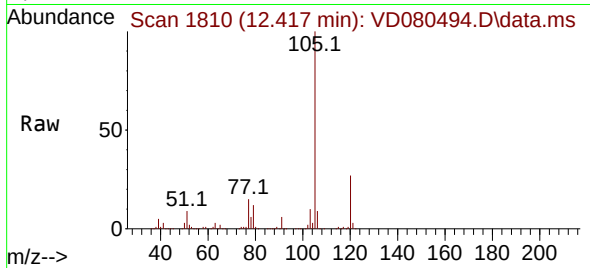




#73
Isopropylbenzene
Concen: 51.929 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

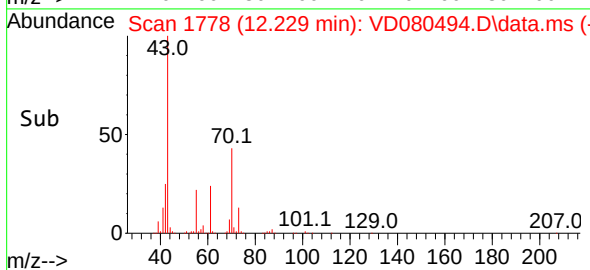
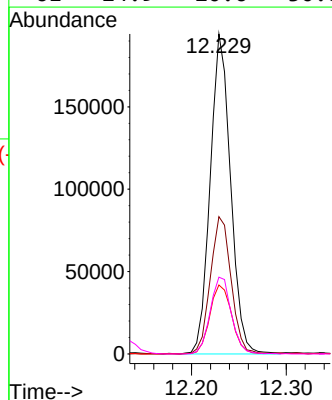
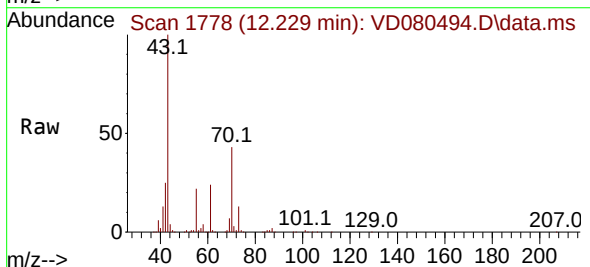
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

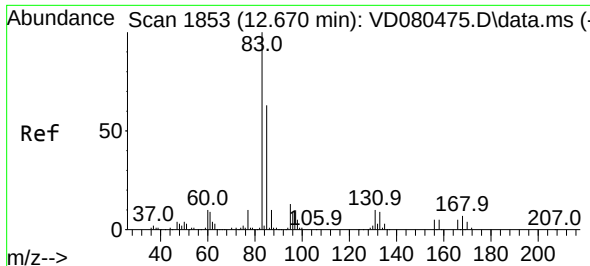
Tgt Ion:105 Resp: 1114603
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9



#74
N-ethyl acetate
Concen: 51.841 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 43 Resp: 291355
Ion Ratio Lower Upper
43 100
70 43.7 35.4 53.2
55 23.2 18.8 28.2
61 24.9 20.6 30.8

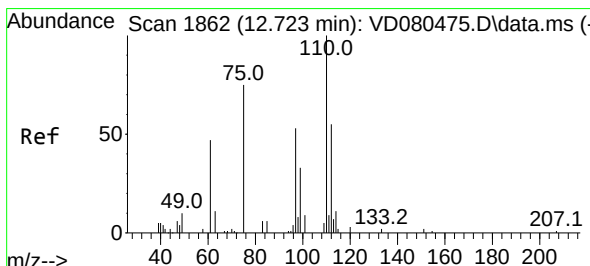
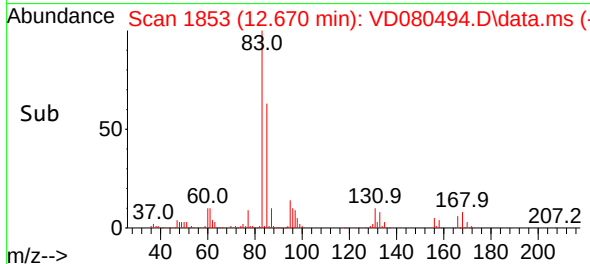
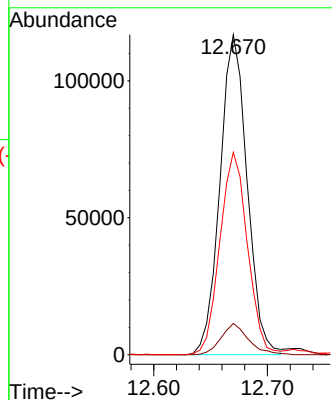
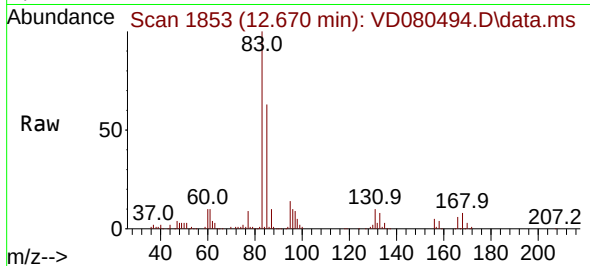




#75
 1,1,2-Tetrachloroethane
 Concen: 48.673 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080494.D
 Acq: 27 Jun 2025 14:49

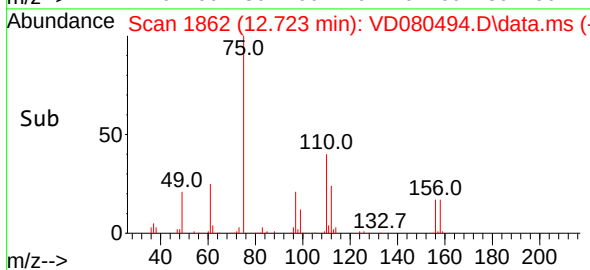
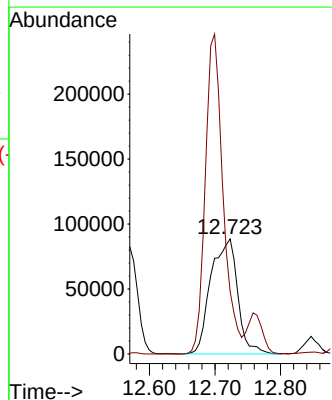
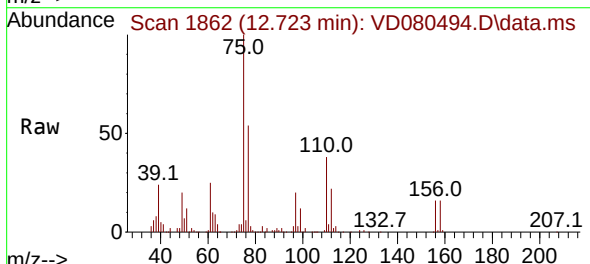
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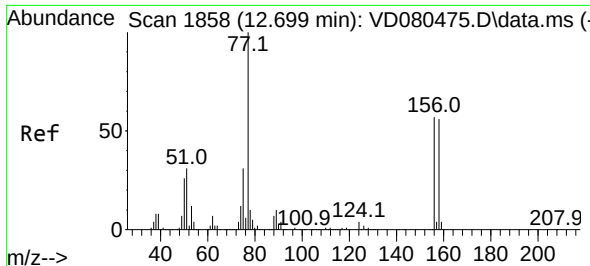
Tgt Ion: 83 Resp: 194535
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.3
 85 64.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 107.044 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080494.D
 Acq: 27 Jun 2025 14:49

Tgt Ion: 75 Resp: 251243
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

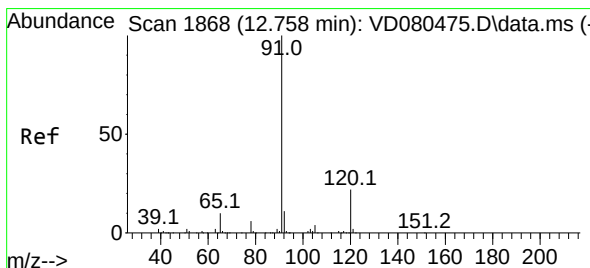
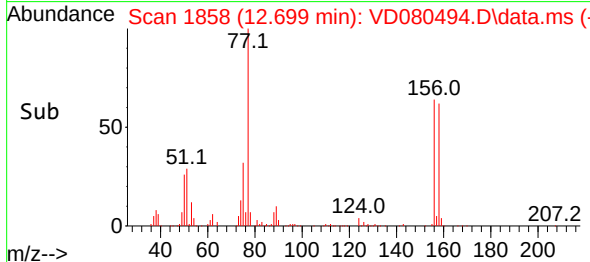
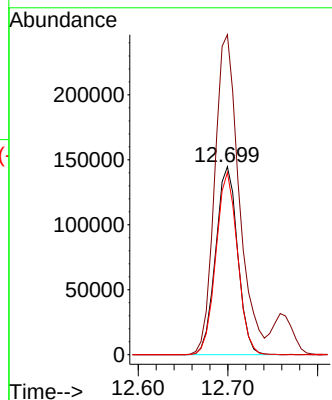
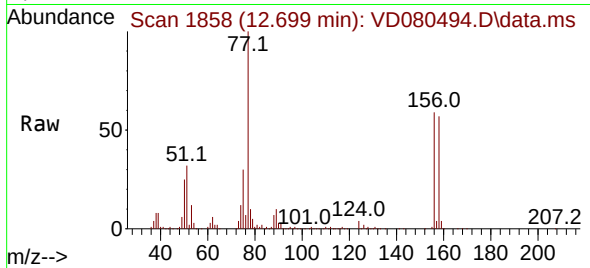




#77
Bromobenzene
Concen: 51.185 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

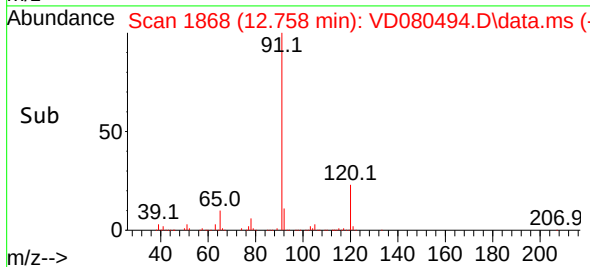
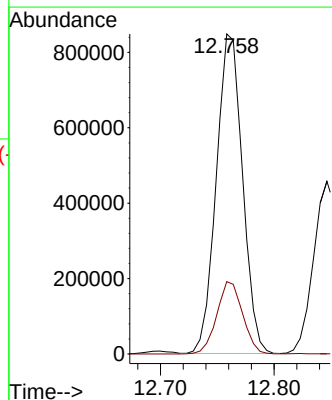
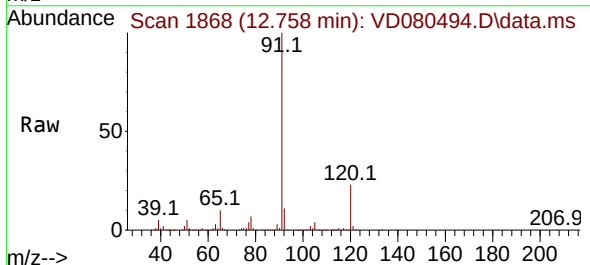
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ClientSampleId :
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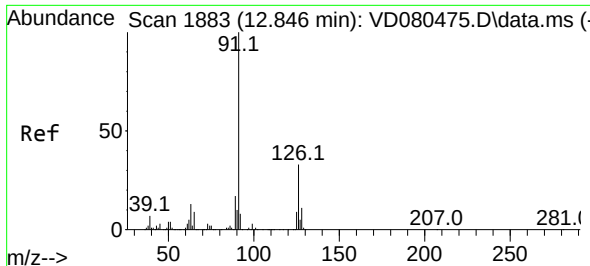
Tgt Ion:156 Resp: 245691
Ion Ratio Lower Upper
156 100
77 189.5 97.3 291.8
158 95.5 48.5 145.6



#78
n-propylbenzene
Concen: 52.695 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 91 Resp: 1361537
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9

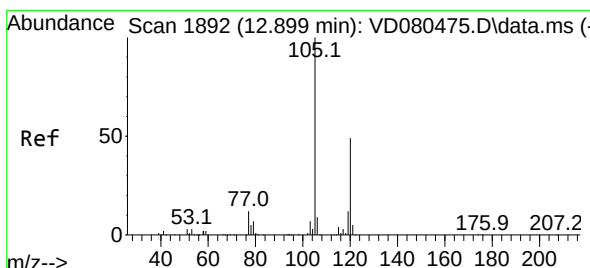
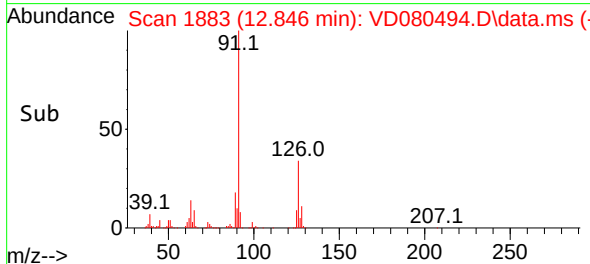
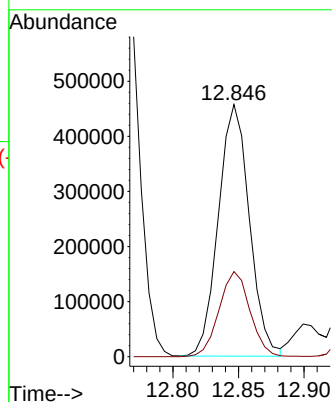
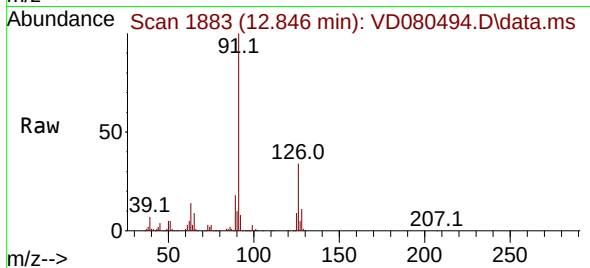




#79
2-Chlorotoluene
Concen: 50.658 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

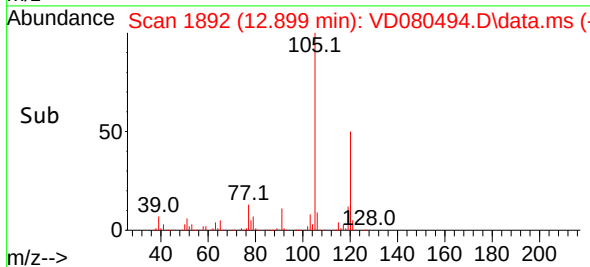
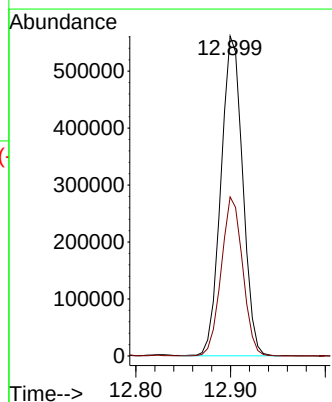
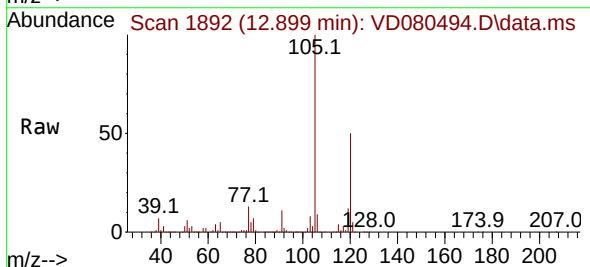
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

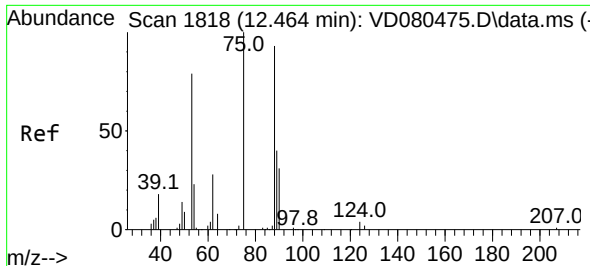
Tgt Ion: 91 Resp: 752788
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 51.415 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 105 Resp: 894911
Ion Ratio Lower Upper
105 100
120 49.2 24.5 73.5

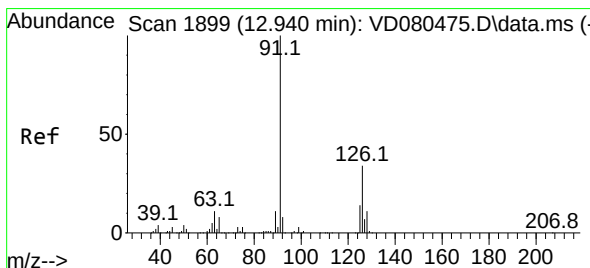
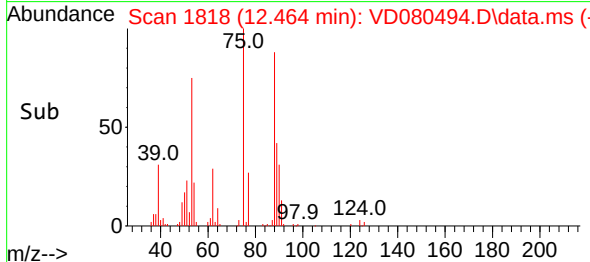
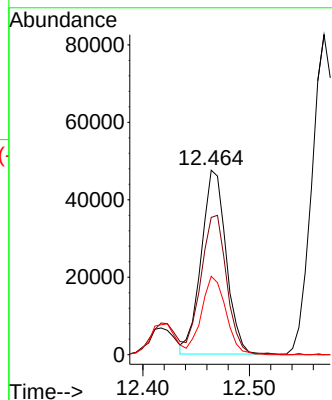
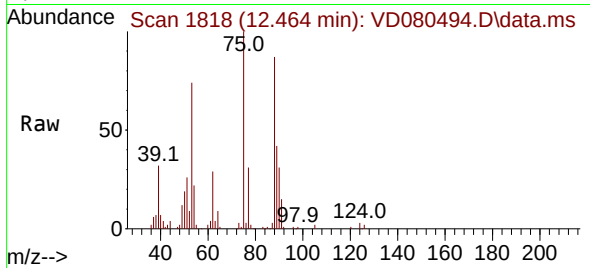




#81
trans-1,4-Dichloro-2-butene
Concen: 48.960 ug/l
RT: 12.464 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

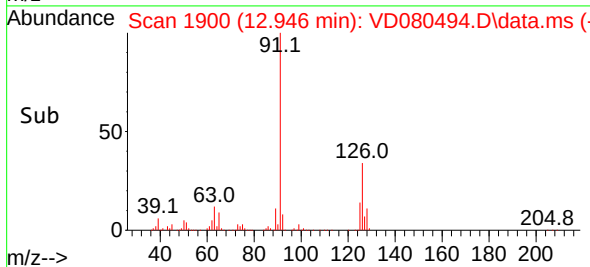
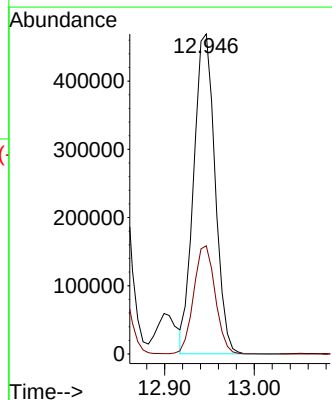
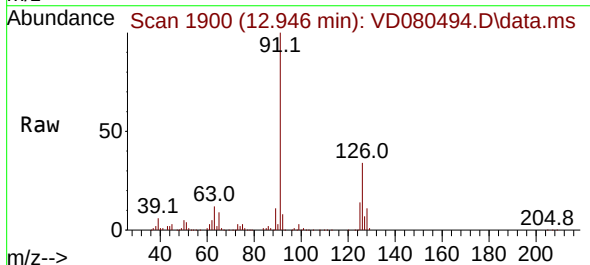
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

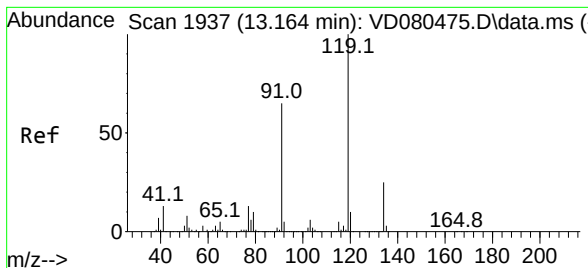
Tgt Ion: 75 Resp: 77332
Ion Ratio Lower Upper
75 100
53 77.8 61.5 92.3
89 41.5 33.0 49.6



#82
4-Chlorotoluene
Concen: 50.676 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD080494.D
Acq: 27 Jun 2025 14:49

Tgt Ion: 91 Resp: 773503
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 51.597 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

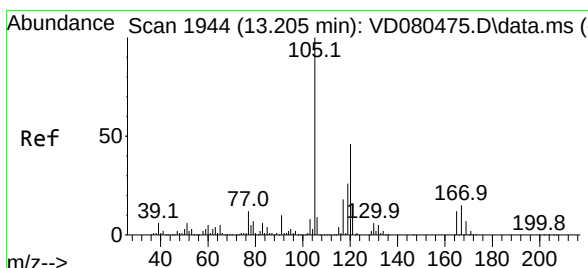
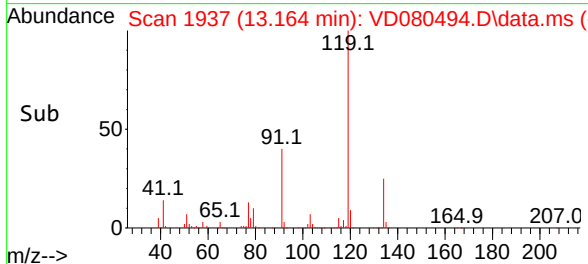
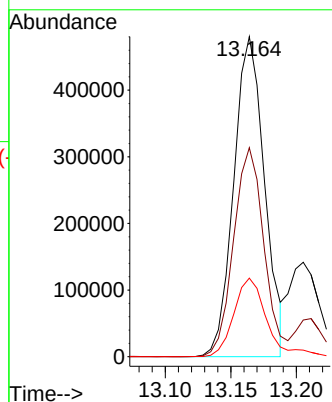
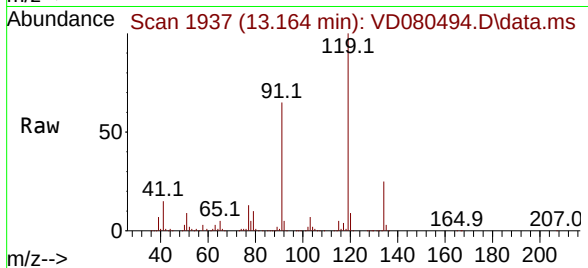
Tgt Ion:119 Resp: 785516

Ion Ratio Lower Upper

119 100

91 64.5 32.4 97.2

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.288 ug/l

RT: 13.211 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VD080494.D

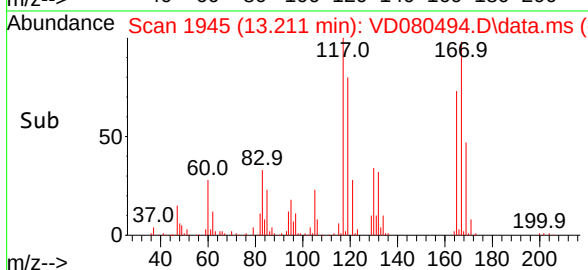
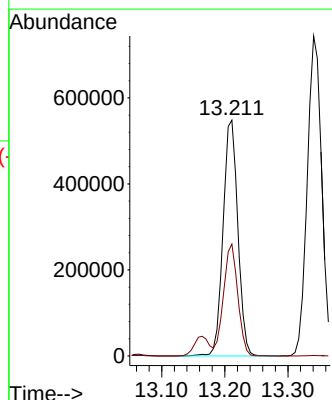
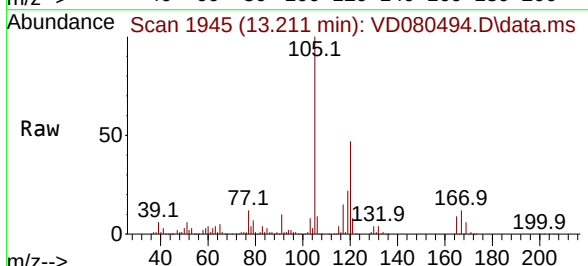
Acq: 27 Jun 2025 14:49

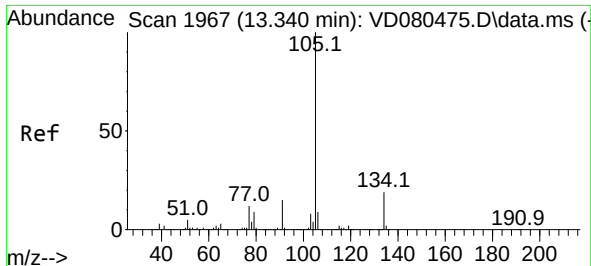
Tgt Ion:105 Resp: 891242

Ion Ratio Lower Upper

105 100

120 45.7 22.8 68.3

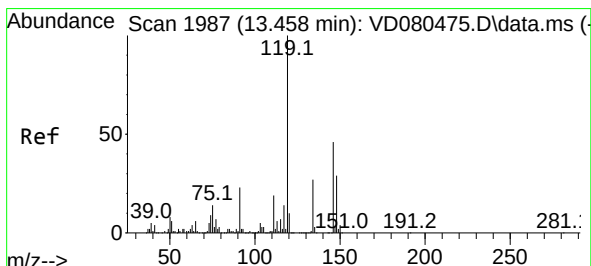
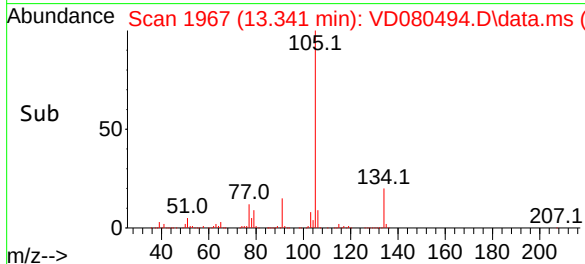
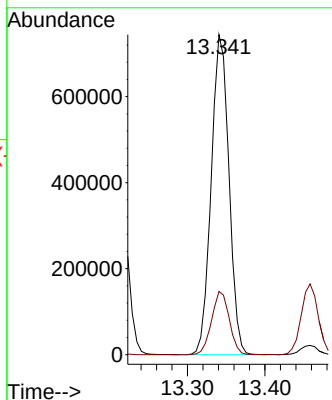
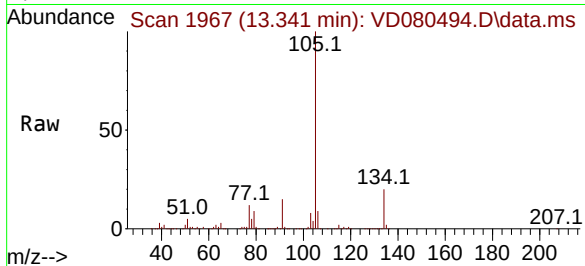




#85
 sec-Butylbenzene
 Concen: 52.531 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080494.D
 Acq: 27 Jun 2025 14:49

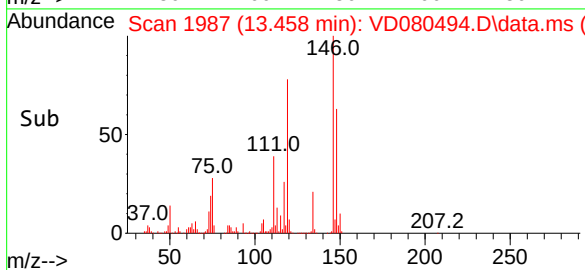
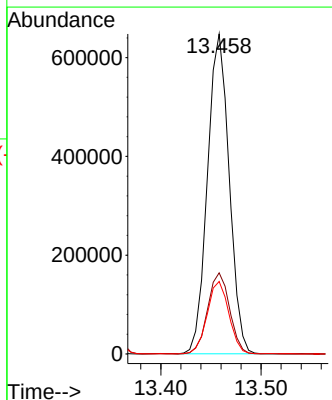
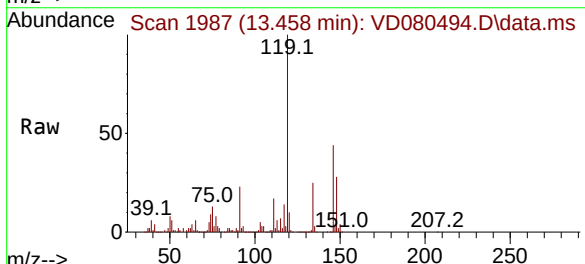
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

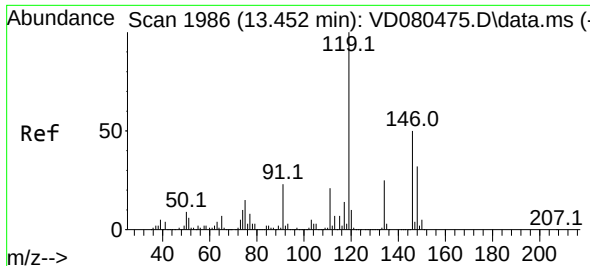
Tgt Ion:105 Resp: 1181214
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.370 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080494.D
 Acq: 27 Jun 2025 14:49

Tgt Ion:119 Resp: 974520
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 22.6 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 51.388 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

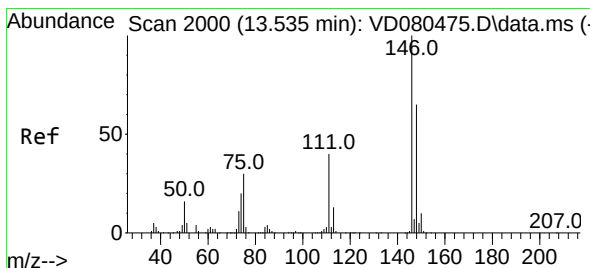
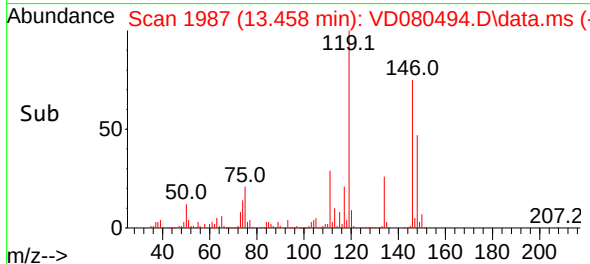
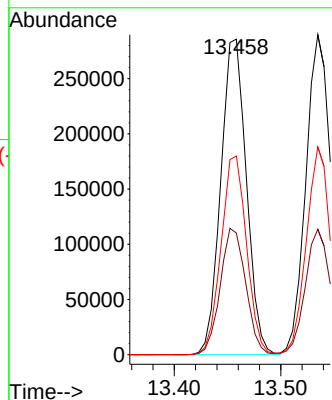
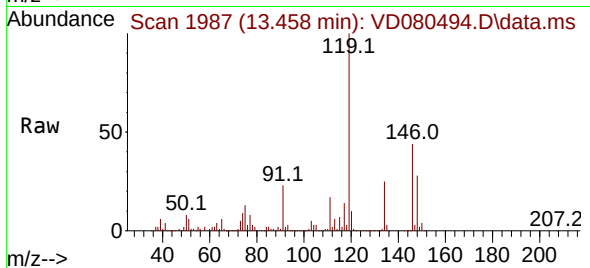
Tgt Ion:146 Resp: 477056

Ion Ratio Lower Upper

146 100

111 39.8 20.6 61.8

148 62.7 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 51.052 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

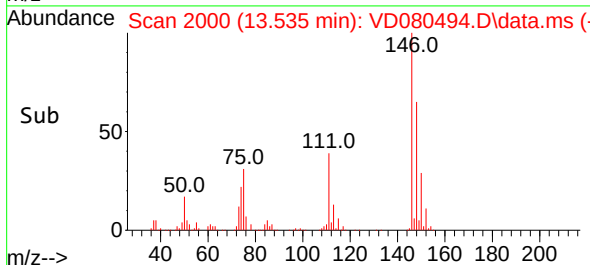
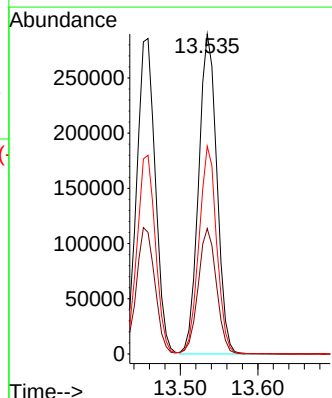
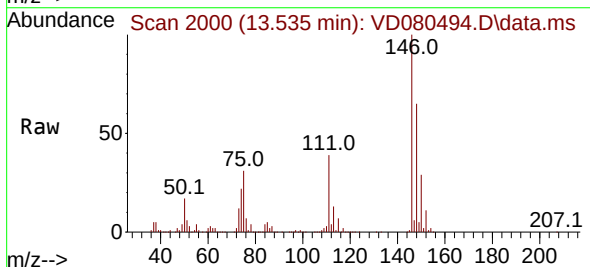
Tgt Ion:146 Resp: 473065

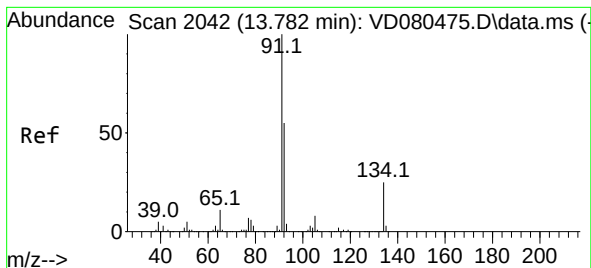
Ion Ratio Lower Upper

146 100

111 39.4 20.0 60.0

148 63.0 32.1 96.3





#89

n-Butylbenzene

Concen: 53.839 ug/l

RT: 13.782 min Scan# 2042

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

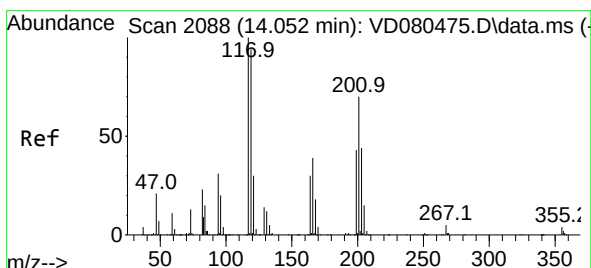
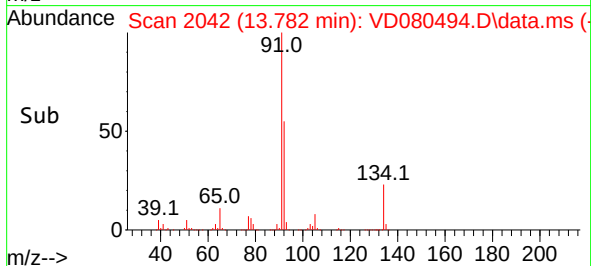
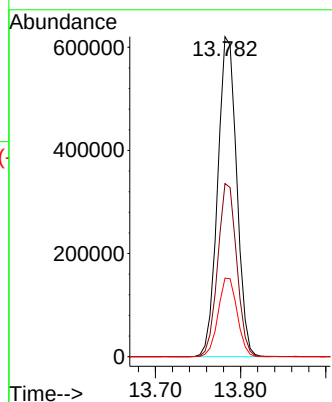
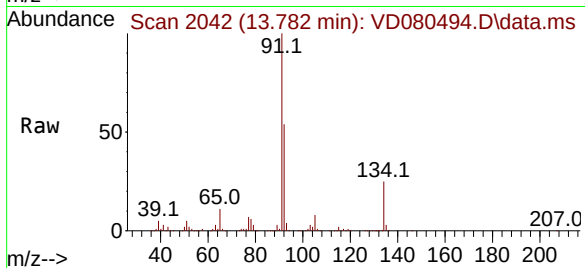
Tgt Ion: 91 Resp: 961523

Ion Ratio Lower Upper

91 100

92 53.9 27.4 82.0

134 24.6 12.6 37.8



#90

Hexachloroethane

Concen: 51.397 ug/l

RT: 14.052 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VD080494.D

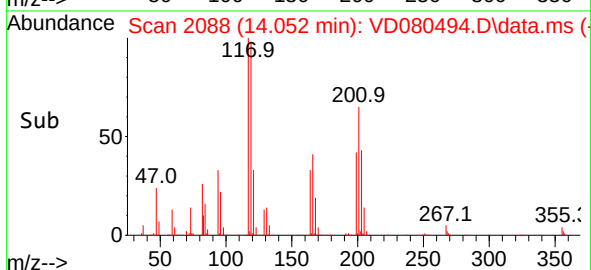
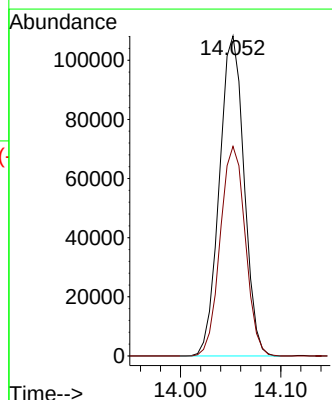
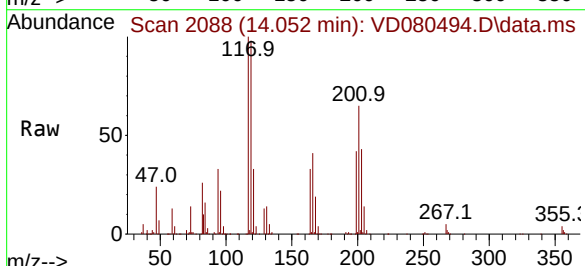
Acq: 27 Jun 2025 14:49

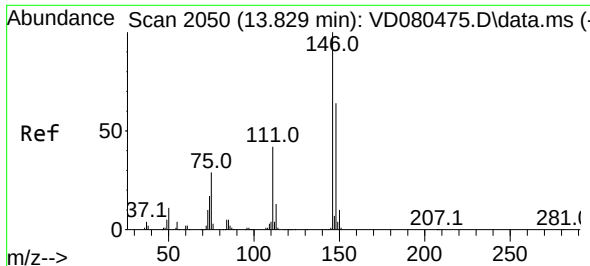
Tgt Ion: 117 Resp: 184784

Ion Ratio Lower Upper

117 100

201 66.5 34.2 102.5

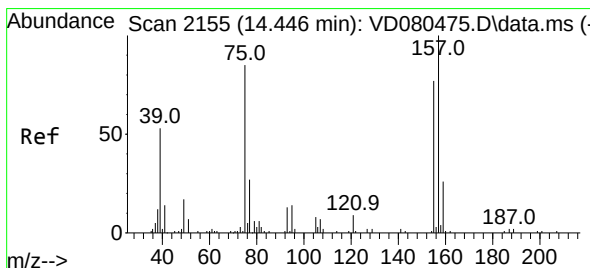
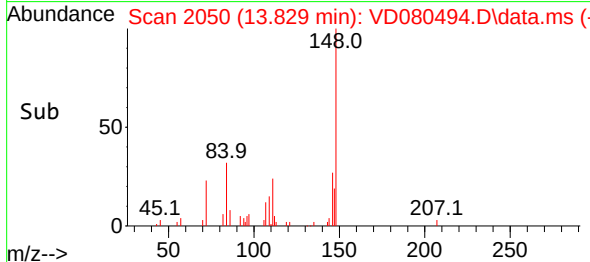
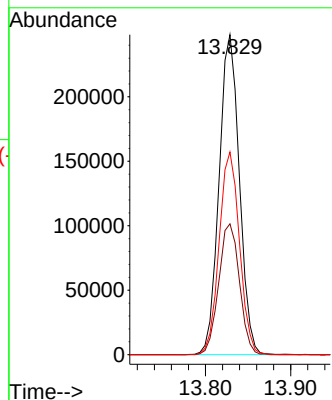
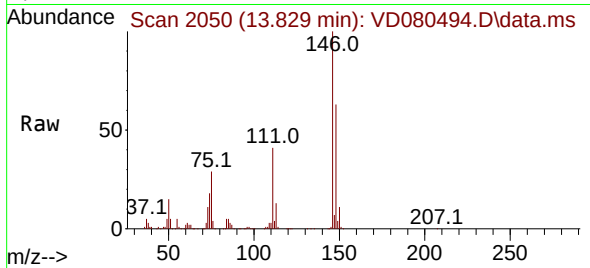




#91
 1,2-Dichlorobenzene
 Concen: 50.247 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080494.D
 Acq: 27 Jun 2025 14:49

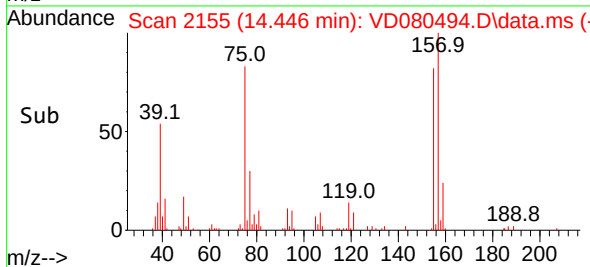
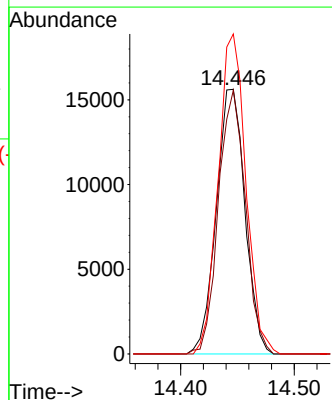
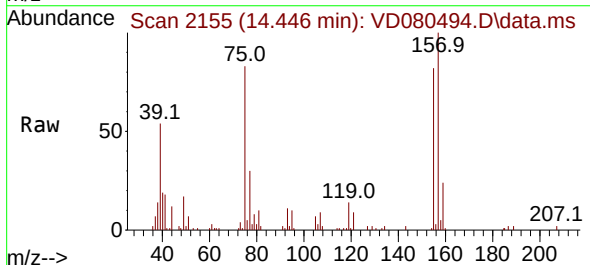
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

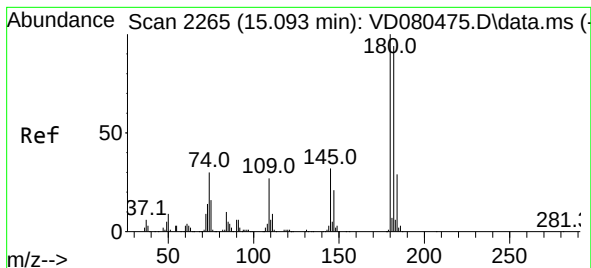
Tgt Ion:146 Resp: 410592
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.7
 148 63.5 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.443 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: VD080494.D
 Acq: 27 Jun 2025 14:49

Tgt Ion: 75 Resp: 27393
 Ion Ratio Lower Upper
 75 100
 155 93.7 45.6 136.8
 157 117.1 58.6 175.8





#93

1,2,4-Trichlorobenzene

Concen: 50.252 ug/l

RT: 15.099 min Scan# 2266

Delta R.T. 0.006 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

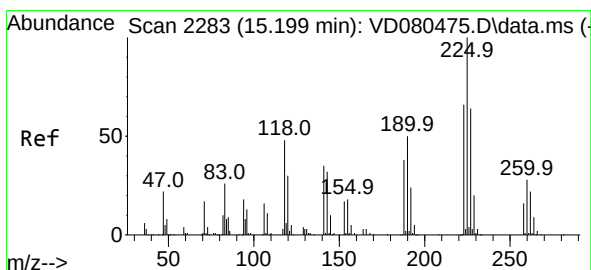
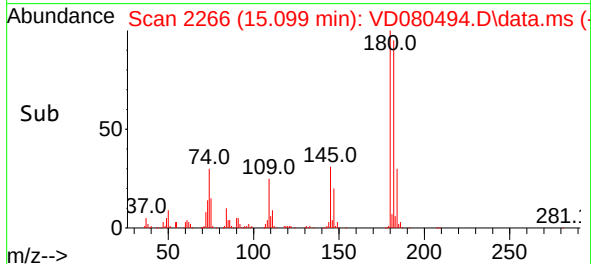
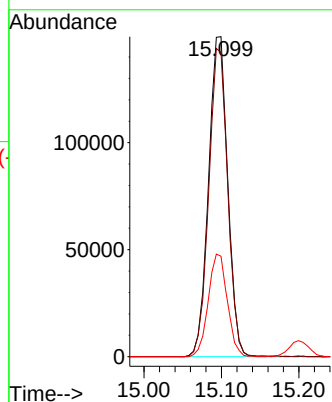
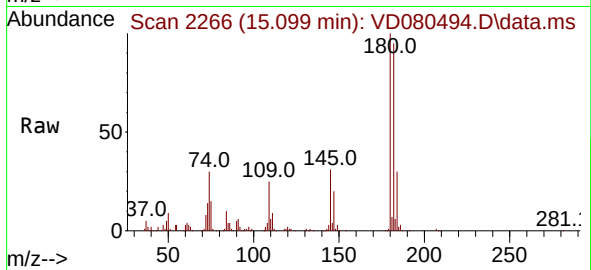
Tgt Ion:180 Resp: 257292

Ion Ratio Lower Upper

180 100

182 94.9 46.8 140.4

145 31.7 16.0 47.9



#94

Hexachlorobutadiene

Concen: 50.901 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

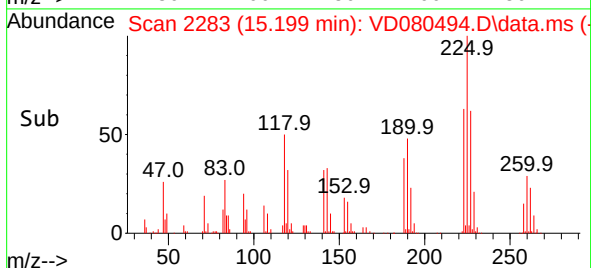
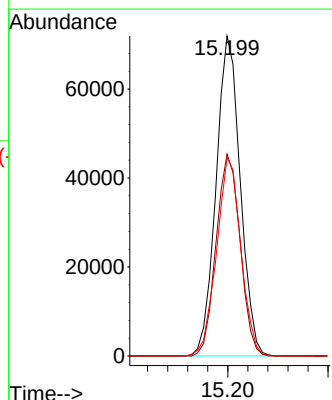
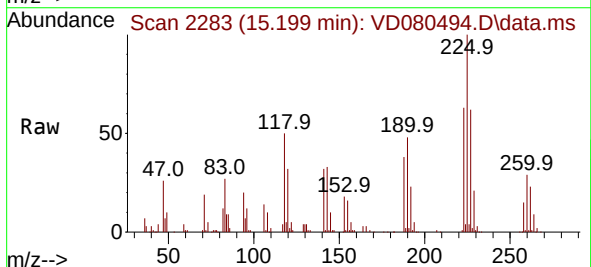
Tgt Ion:225 Resp: 120308

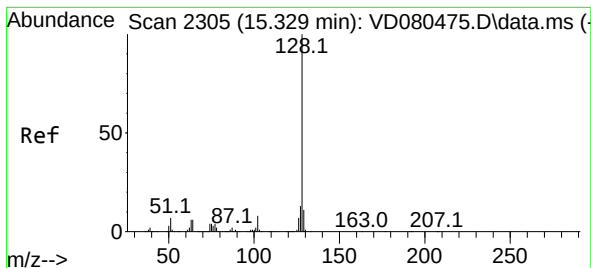
Ion Ratio Lower Upper

225 100

223 62.3 31.4 94.2

227 62.1 31.8 95.3





#95

Naphthalene

Concen: 47.842 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

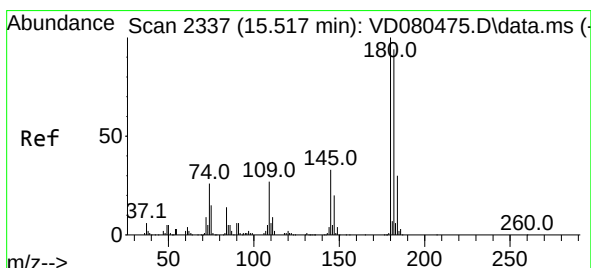
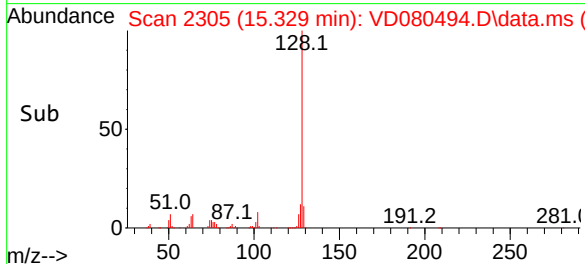
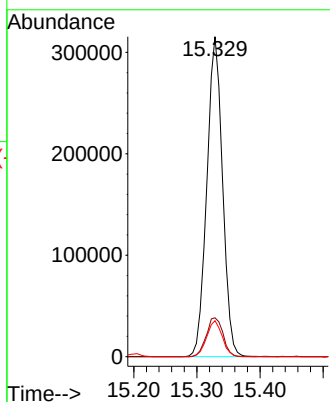
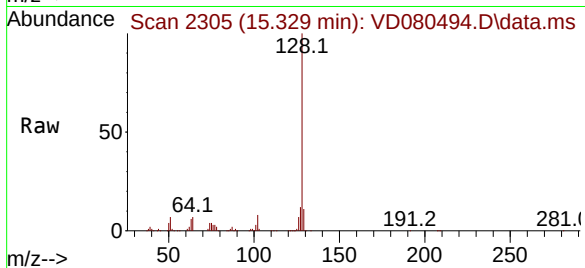
Tgt Ion:128 Resp: 544288

Ion Ratio Lower Upper

128 100

127 12.2 10.6 15.8

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.103 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080494.D

Acq: 27 Jun 2025 14:49

Tgt Ion:180 Resp: 216174

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 33.4 16.7 50.1

