

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080192.D
 Acq On : 09 Jan 2025 12:22
 Operator : RP/MD
 Sample : VSTD100
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 09 19:49:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 19:44:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	279552	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	270956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	147613	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	731493	89.219	ug/L	0.00
7) Chloroethane-d5	2.805	69	594674	89.252	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	189372	95.564	ug/L	0.00
21) 2-Butanone-d5	6.993	46	182938	197.612	ug/L	0.00
24) Chloroform-d	7.575	84	819983	93.472	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	424557	92.395	ug/L	0.00
32) Benzene-d6	8.205	84	1606944	91.864	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	511667	88.378	ug/L	0.00
41) Toluene-d8	10.269	98	1548364	97.124	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	221213	93.517	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	160880	222.972	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	395265	91.110	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	517671	93.290	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	452034	81.472	ug/L	99
3) Chloromethane	2.152	50	634771	83.922	ug/L	98
5) Vinyl chloride	2.287	62	813038	87.602	ug/L	98
6) Bromomethane	2.693	94	485334	89.793	ug/L	97
8) Chloroethane	2.840	64	488740	85.848	ug/L	100
9) Trichlorofluoromethane	3.181	101	660899	85.703	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	383699	87.207	ug/L	99
12) 1,1-Dichloroethene	3.946	96	370260	94.278	ug/L	94
13) Acetone	4.034	43	123607	164.757	ug/L	88
14) Carbon disulfide	4.281	76	1313003	89.702	ug/L	100
15) Methyl Acetate	4.817	43	789	0.428	ug/L	95
16) Methylene chloride	4.805	84	415516	87.556	ug/L	98
17) trans-1,2-Dichloroethene	5.322	96	409732	95.356	ug/L	98
18) Methyl tert-butyl Ether	5.328	73	878713	107.951	ug/L	98
19) 1,1-Dichloroethane	6.116	63	749649	90.889	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	459950	102.373	ug/L	92
22) 2-Butanone	7.087	43	208622	195.357	ug/L	99
23) Bromochloromethane	7.434	128	202659	93.061	ug/L	96
25) Chloroform	7.599	83	795886	87.068	ug/L	100
27) 1,2-Dichloroethane	8.328	62	482605	90.504	ug/L	98
29) Cyclohexane	7.881	56	703053	103.129	ug/L	99
30) 1,1,1-Trichloroethane	7.799	97	635172	88.482	ug/L	99
31) Carbon tetrachloride	7.999	117	553307	87.329	ug/L	99
33) Benzene	8.258	78	1727457	93.758	ug/L	100
34) Trichloroethene	9.034	95	441712	92.568	ug/L	100
35) Methylcyclohexane	9.275	83	714098	100.639	ug/L	97
37) 1,2-Dichloropropane	9.310	63	455861	90.813	ug/L	99
38) Bromodichloromethane	9.587	83	571514	90.811	ug/L	100
39) cis-1,3-Dichloropropene	10.022	75	727290	102.508	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	486550	197.453	ug/L	98
42) Toluene	10.334	91	1910071	99.224	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	618872	101.006	ug/L	98

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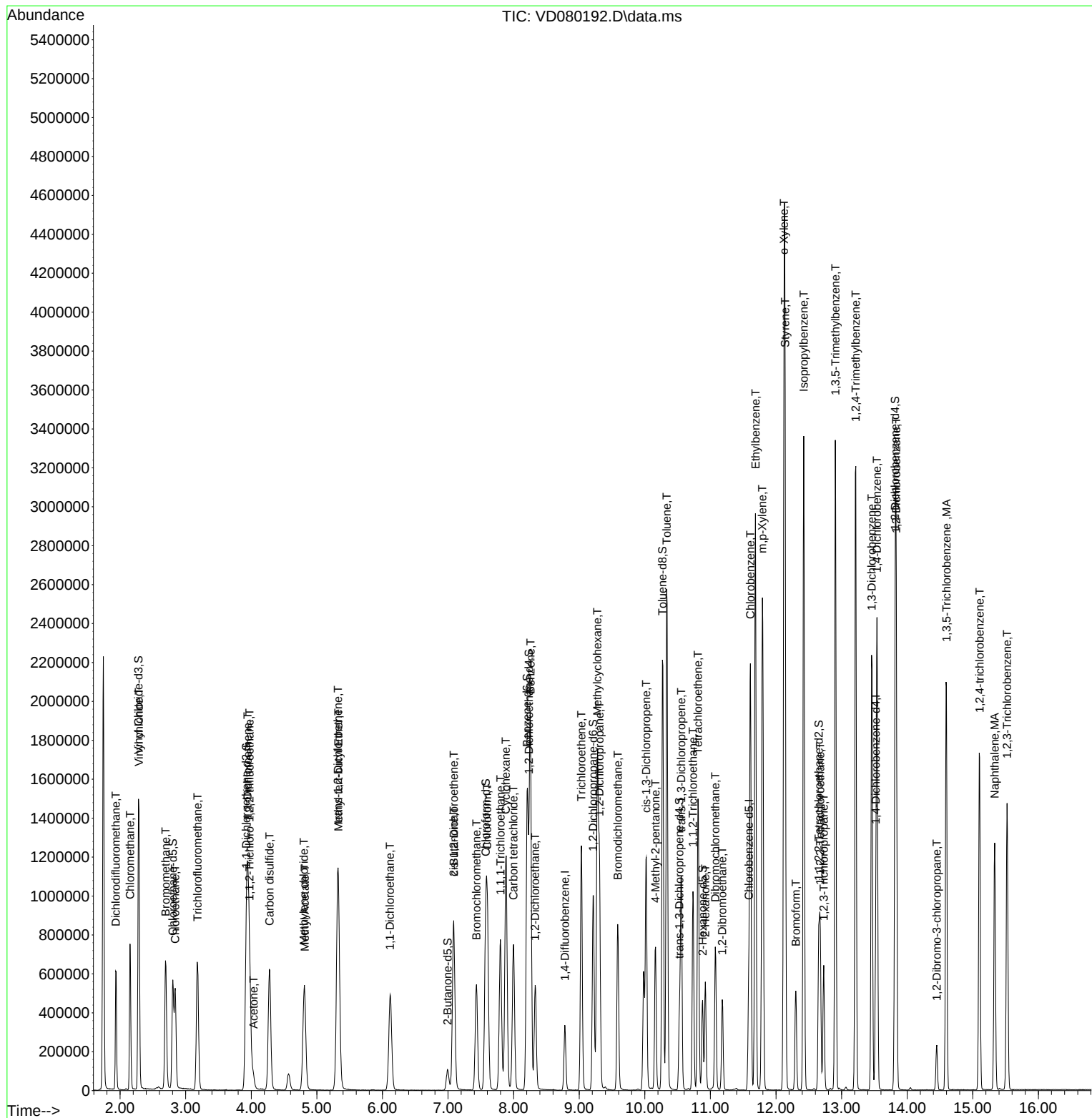
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	331753	90.517	ug/L	97
46) Tetrachloroethene	10.810	164	347303	90.329	ug/L	96
48) 2-Hexanone	10.922	43	349257	212.692	ug/L	97
49) Dibromochloromethane	11.075	129	379855	93.062	ug/L	96
50) 1,2-Dibromoethane	11.181	107	315230	94.637	ug/L	97
51) Chlorobenzene	11.610	112	1162743	94.221	ug/L	98
52) Ethylbenzene	11.687	91	2126157	102.934	ug/L	100
53) m,p-Xylene	11.793	106	793697	102.815	ug/L	99
54) o-Xylene	12.122	106	792087	109.684	ug/L	97
55) Styrene	12.140	104	1404206	107.359	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	388190	93.431	ug/L	93
59) Bromoform	12.304	173	237873	89.811	ug/L	100
60) Isopropylbenzene	12.422	105	2092111	101.622	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	265216	84.966	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	1742456	106.208	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	1721469	107.563	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	932145	92.562	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	950633	91.424	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	860781	95.426	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	57492	84.319	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.598	180	657619	96.030	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	561710	100.520	ug/L	98
71) Naphthalene	15.334	128	1054753	107.277	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	500678	96.468	ug/L	98

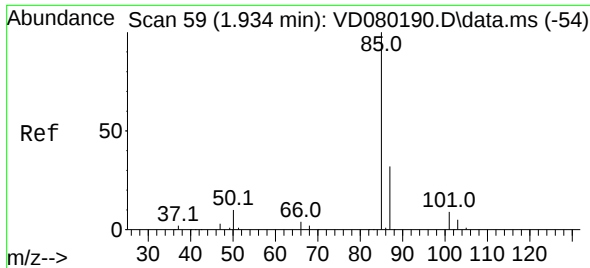
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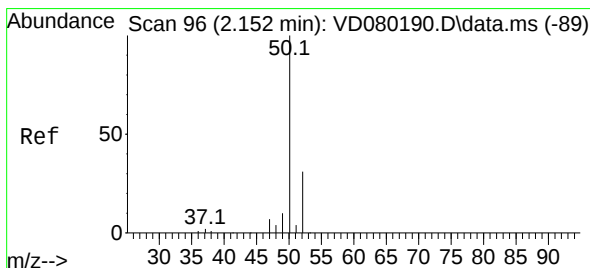
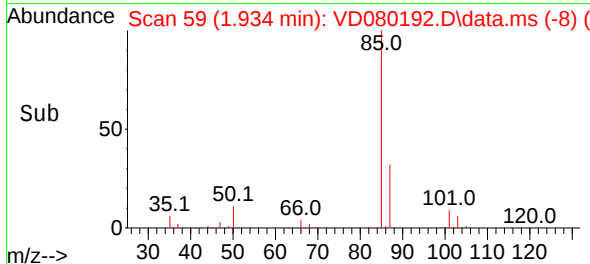
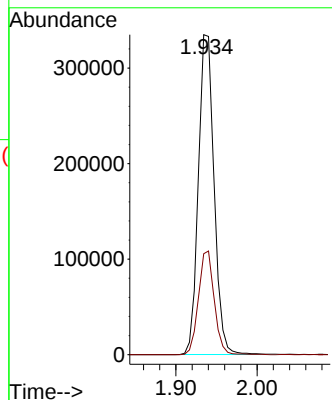
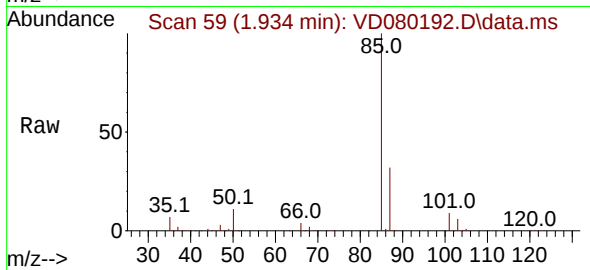




#2
Dichlorodifluoromethane
Concen: 81.472 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

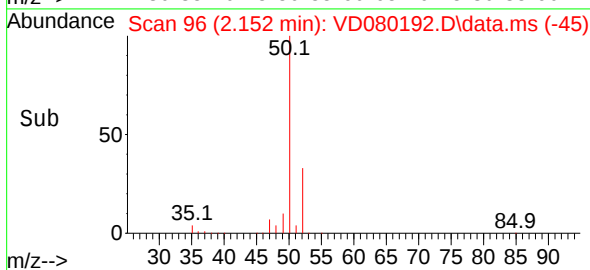
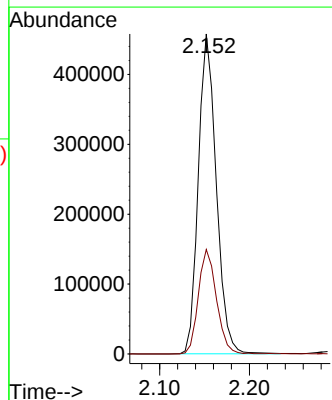
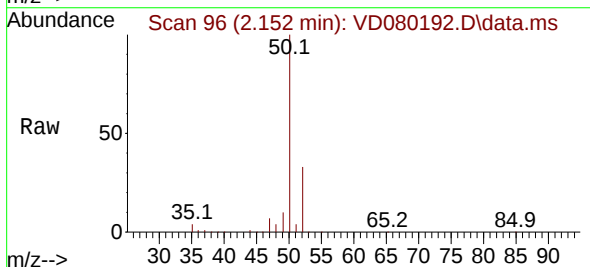
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ClientSampleId :

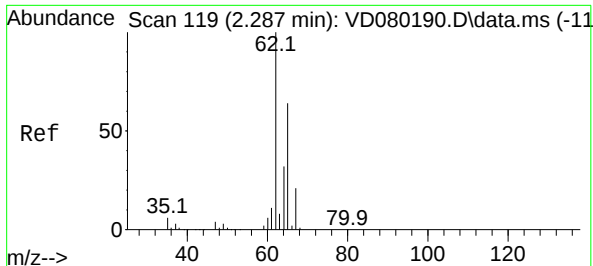
Tgt Ion: 85 Resp: 452034
Ion Ratio Lower Upper
85 100
87 32.4 26.4 39.6



#3
Chloromethane
Concen: 83.922 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

Tgt Ion: 50 Resp: 634771
Ion Ratio Lower Upper
50 100
52 32.6 22.0 40.8

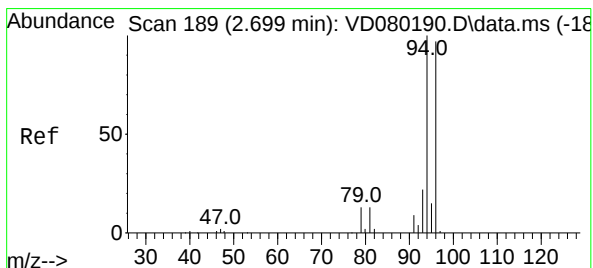
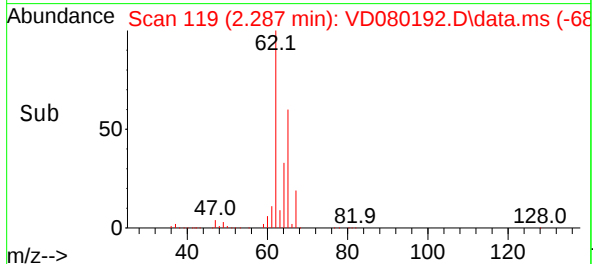
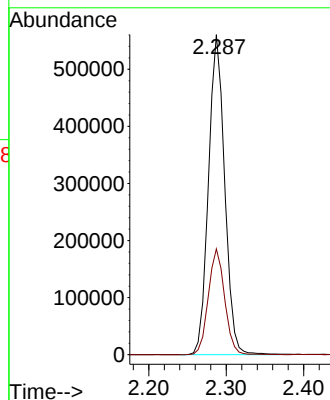
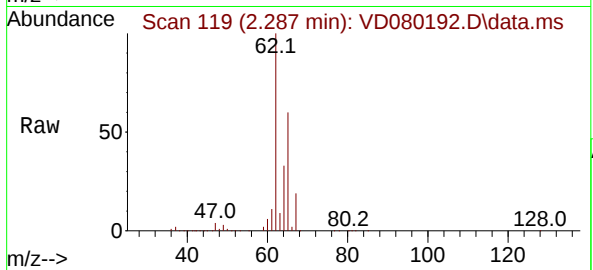




#5
 Vinyl chloride
 Concen: 87.602 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD080192.D
 Acq: 09 Jan 2025 12:22

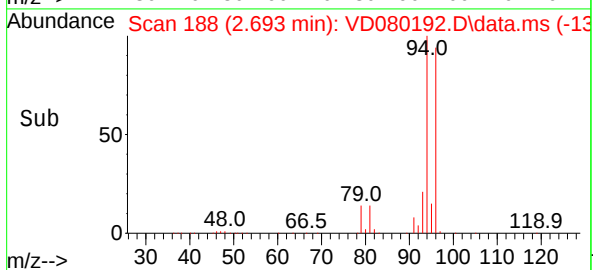
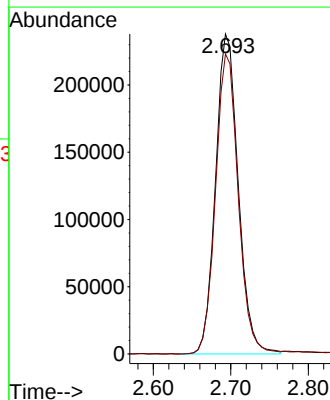
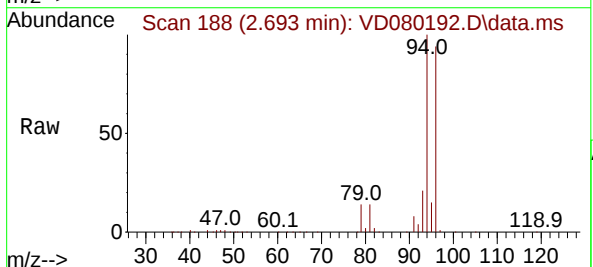
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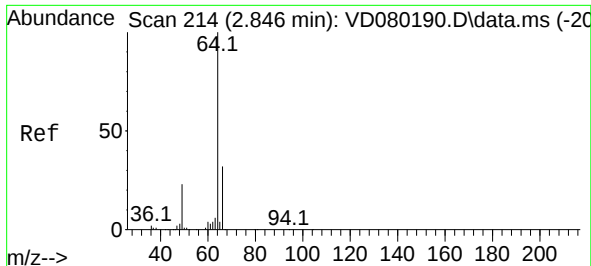
Tgt Ion: 62 Resp: 813038
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.3 41.5



#6
 Bromomethane
 Concen: 89.793 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD080192.D
 Acq: 09 Jan 2025 12:22

Tgt Ion: 94 Resp: 485334
 Ion Ratio Lower Upper
 94 100
 96 93.8 67.7 125.7

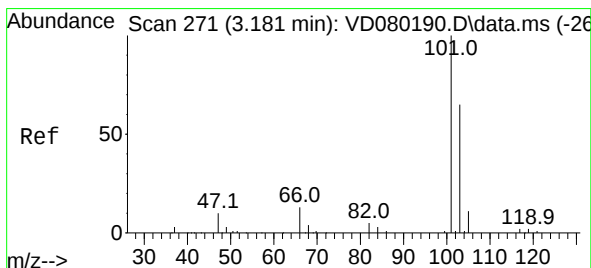
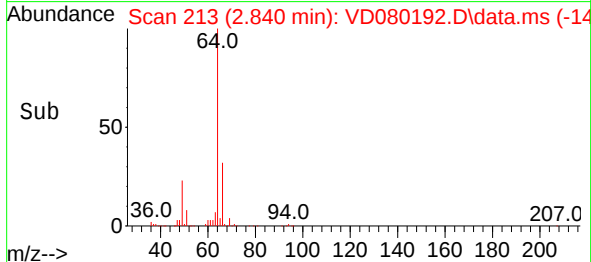
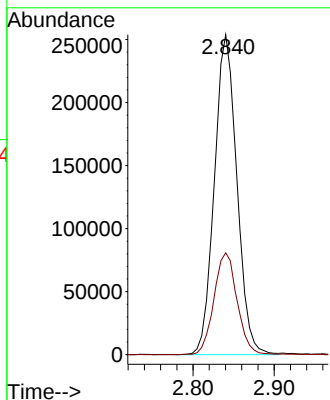
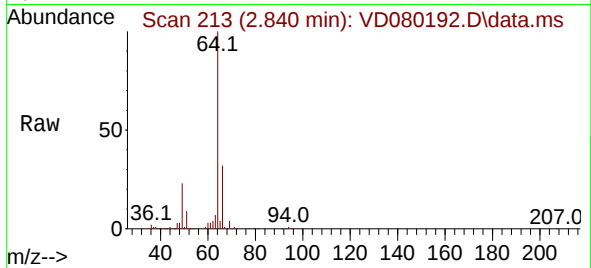




#8
Chloroethane
Concen: 85.848 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.006 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

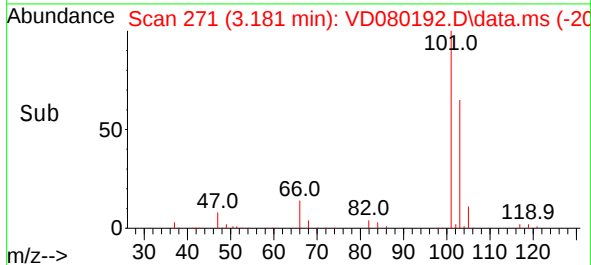
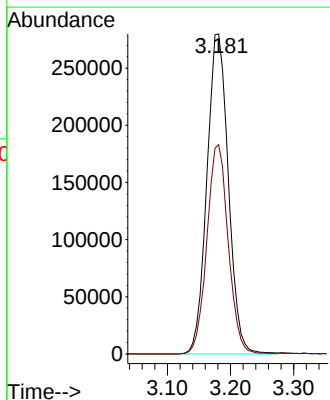
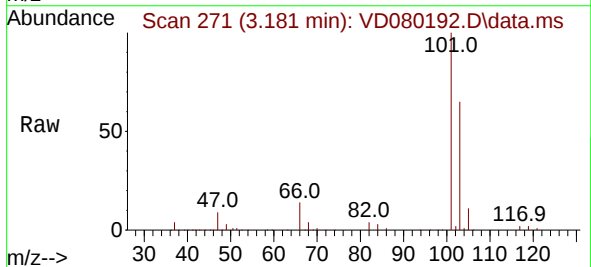
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ClientSampleId :

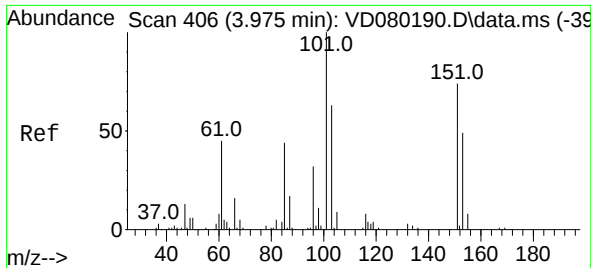
Tgt Ion: 64 Resp: 488740
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 85.703 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

Tgt Ion:101 Resp: 660899
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.2

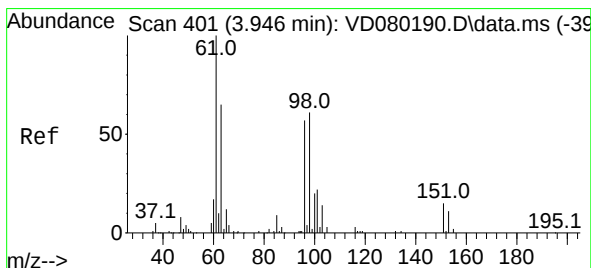
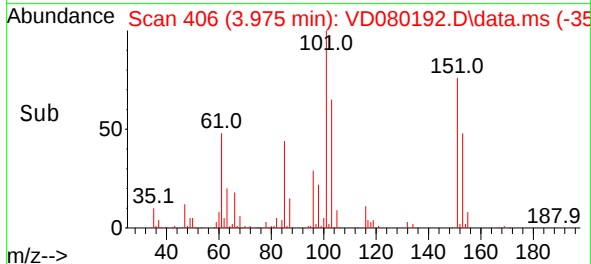
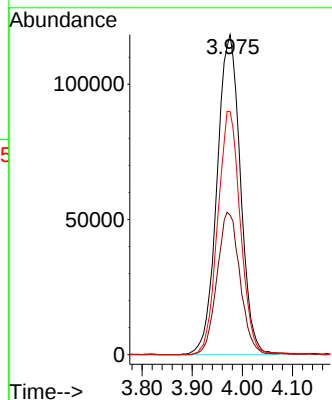
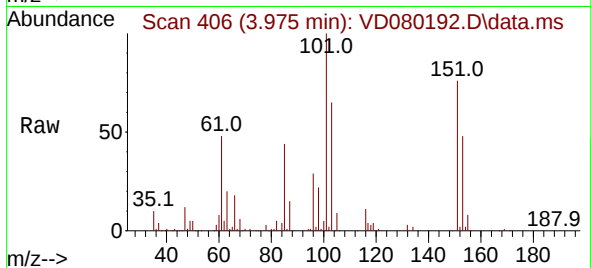




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 87.207 ug/L
 RT: 3.975 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VD080192.D
 Acq: 09 Jan 2025 12:22

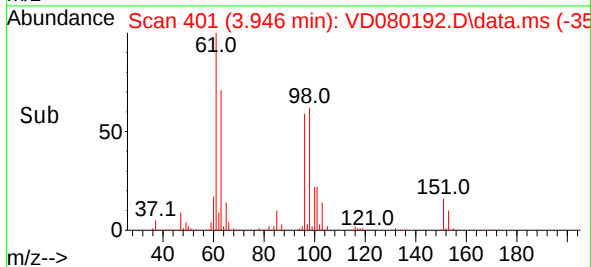
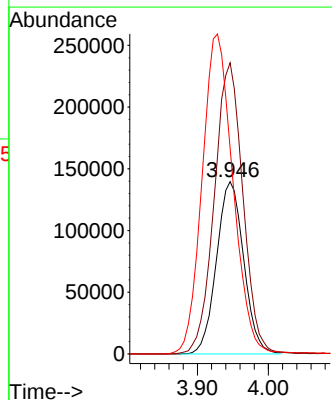
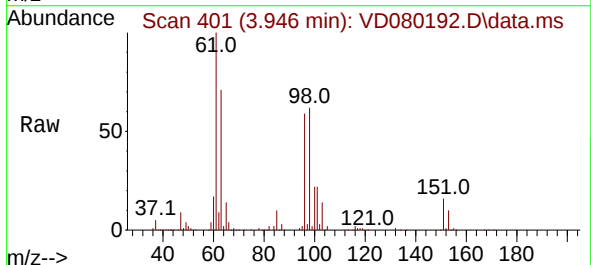
Instrument :
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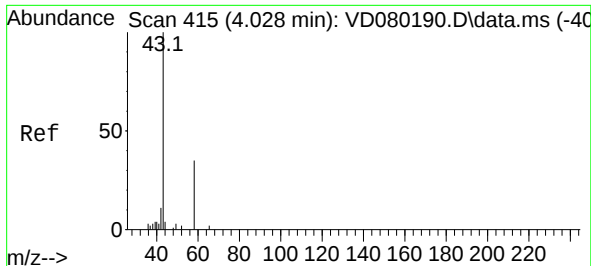
Tgt Ion:101 Resp: 383699
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.6 53.4
 151 73.6 60.0 90.0



#12
 1,1-Dichloroethene
 Concen: 94.278 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VD080192.D
 Acq: 09 Jan 2025 12:22

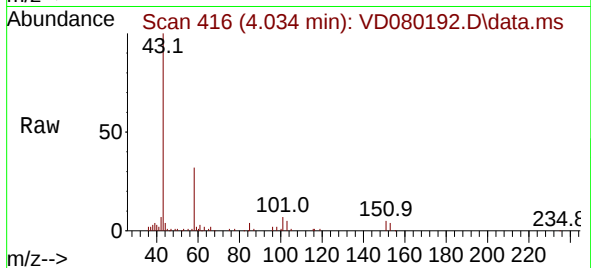
Tgt Ion: 96 Resp: 370260
 Ion Ratio Lower Upper
 96 100
 61 169.0 123.1 228.7
 63 119.4 89.6 166.4



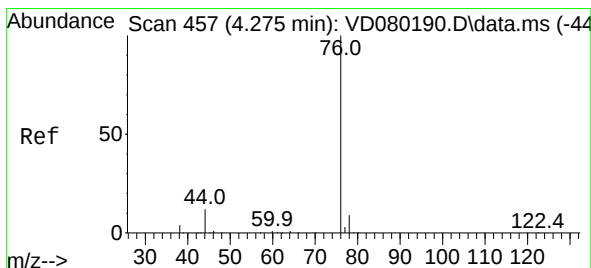
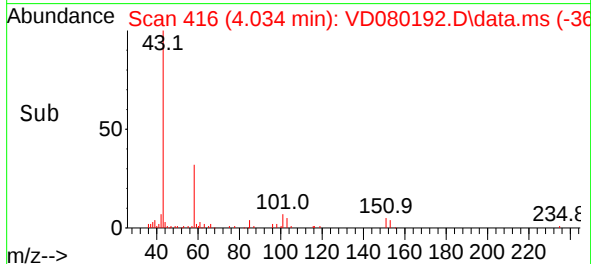
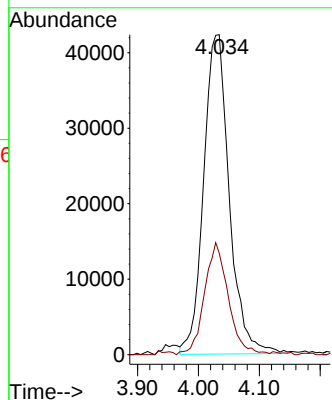


#13
Acetone
Concen: 164.757 ug/L
RT: 4.034 min Scan# 416
Delta R.T. 0.006 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

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ClientSampleId :

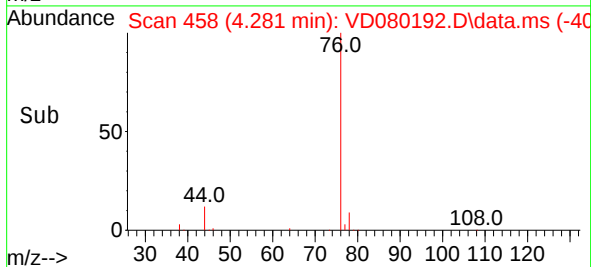
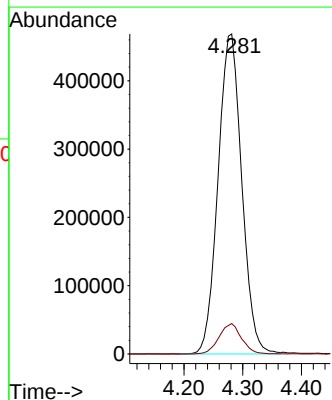
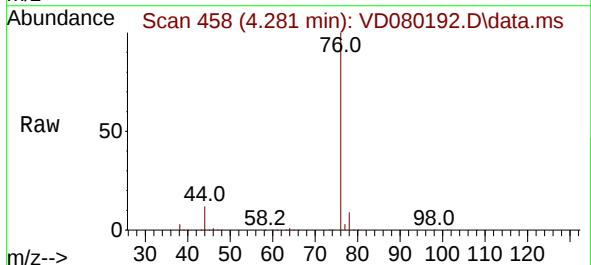


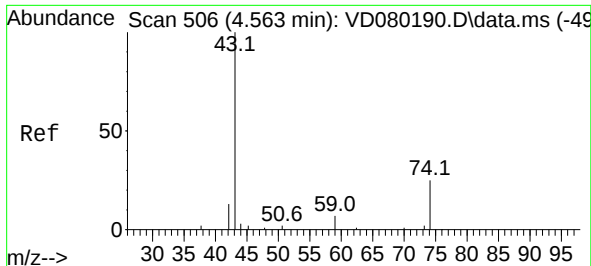
Tgt Ion: 43 Resp: 123607
Ion Ratio Lower Upper
43 100
58 32.3 0.0 52.8



#14
Carbon disulfide
Concen: 89.702 ug/L
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

Tgt Ion: 76 Resp: 1313003
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3





#15

Methyl Acetate

Concen: 0.428 ug/L

RT: 4.817 min Scan# 549

Delta R.T. 0.253 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

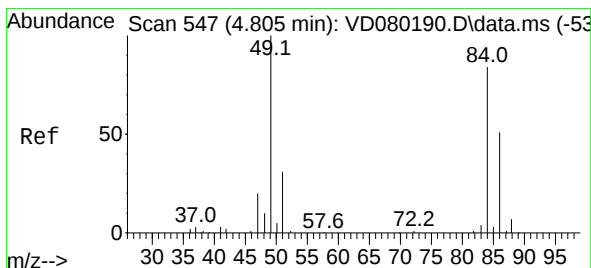
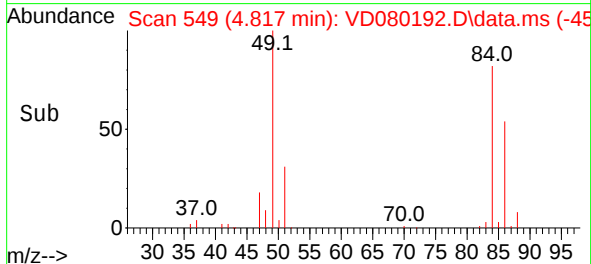
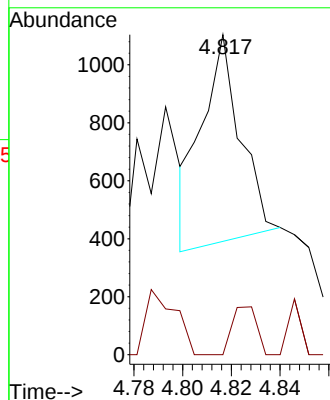
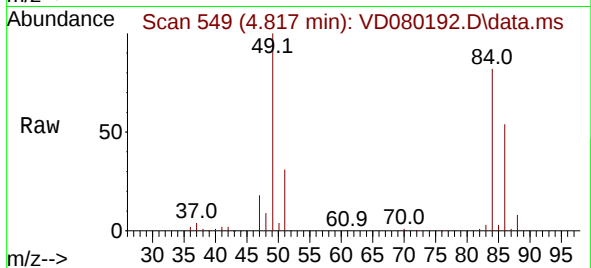
ClientSampleId :

Tgt Ion: 43 Resp: 789

Ion Ratio Lower Upper

43 100

74 14.7 10.1 15.1



#16

Methylene chloride

Concen: 87.556 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

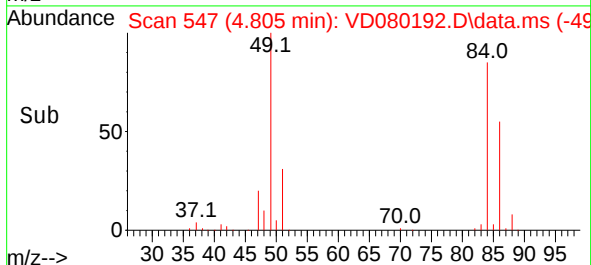
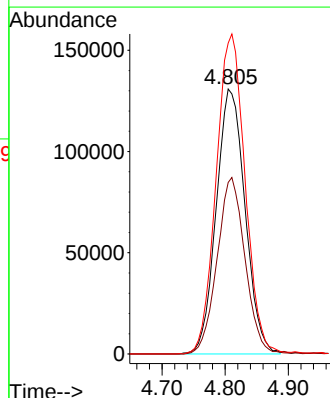
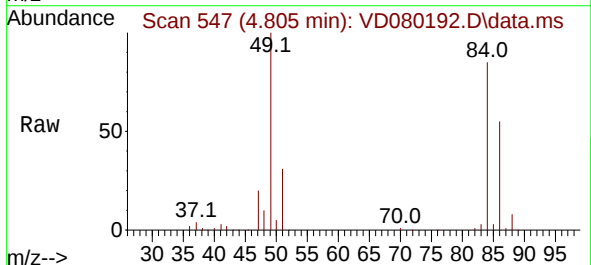
Tgt Ion: 84 Resp: 415516

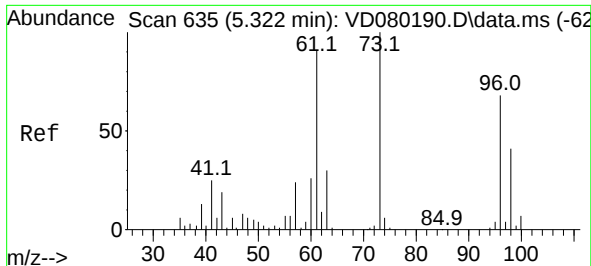
Ion Ratio Lower Upper

84 100

86 64.8 42.8 79.4

49 117.4 83.1 154.3

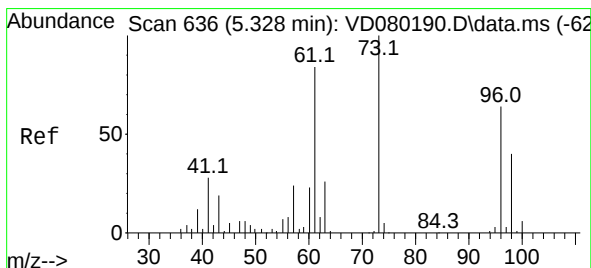
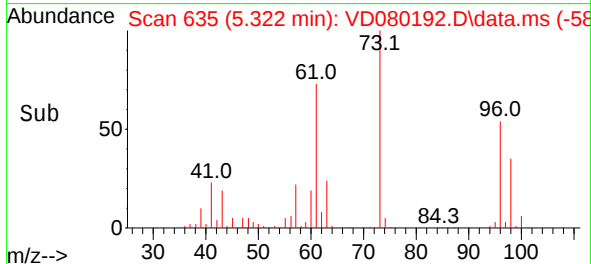
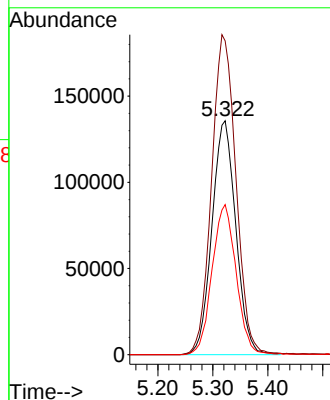
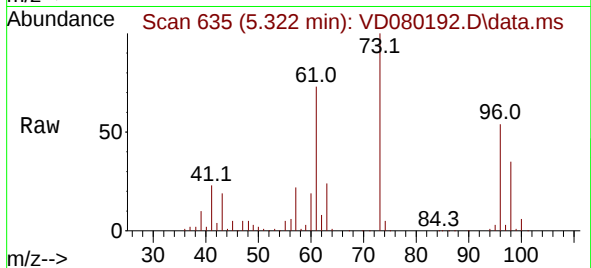




#17
trans-1,2-Dichloroethene
Concen: 95.356 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

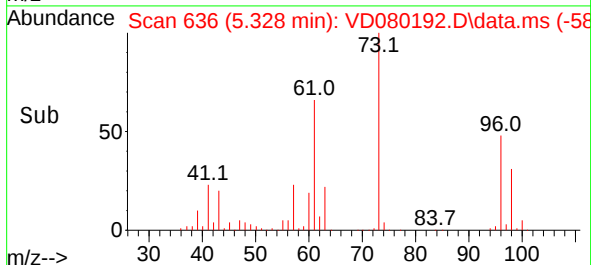
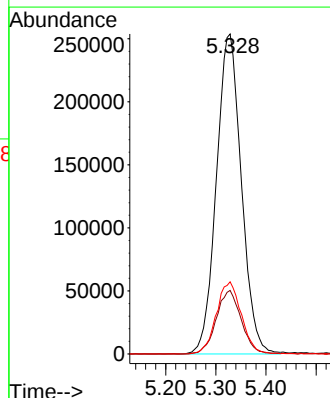
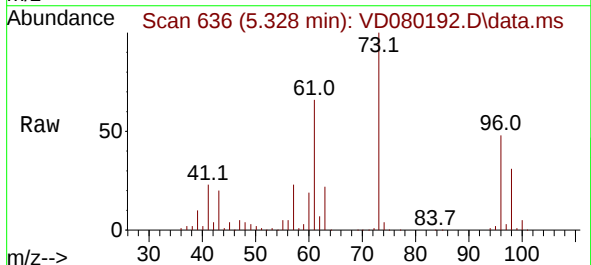
Instrument :
MSVOA_D
ClientSampleId :

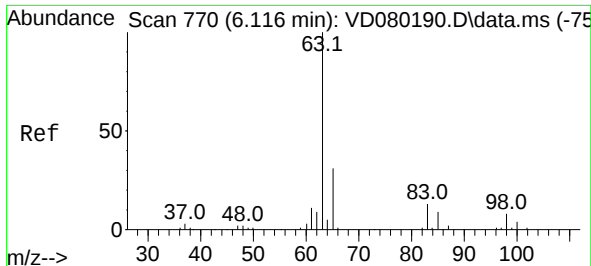
Tgt Ion: 96 Resp: 409732
Ion Ratio Lower Upper
96 100
61 134.2 93.7 173.9
98 64.2 42.1 78.1



#18
Methyl tert-butyl Ether
Concen: 107.951 ug/L
RT: 5.328 min Scan# 636
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

Tgt Ion: 73 Resp: 878713
Ion Ratio Lower Upper
73 100
43 19.7 16.6 24.8
57 22.5 18.9 28.3





#19

1,1-Dichloroethane

Concen: 90.889 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

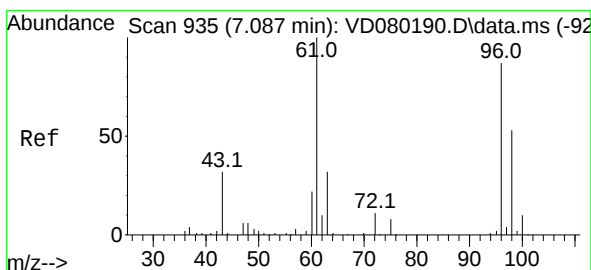
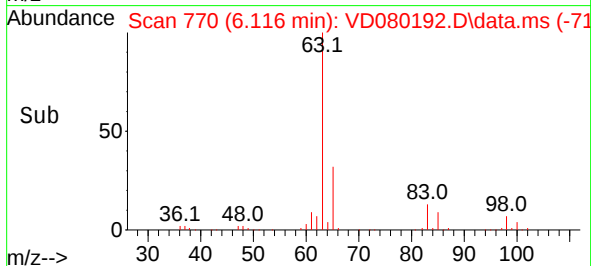
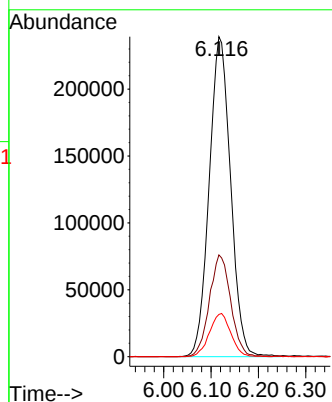
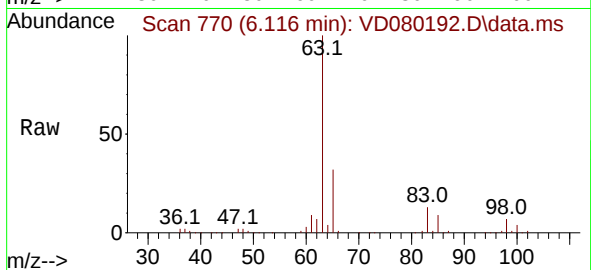
Tgt Ion: 63 Resp: 749649

Ion Ratio Lower Upper

63 100

65 31.8 21.7 40.3

83 13.2 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 102.373 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

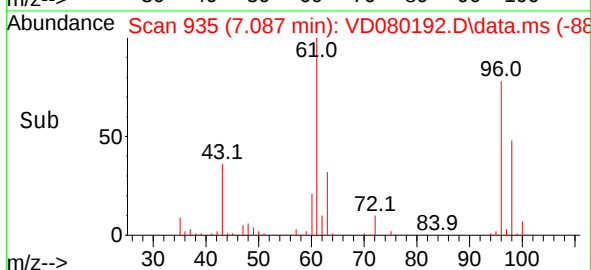
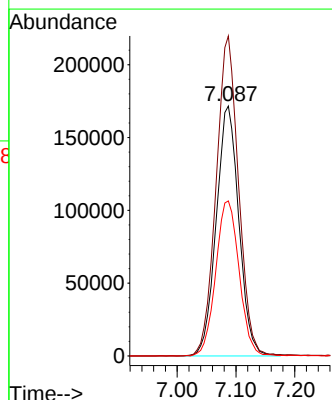
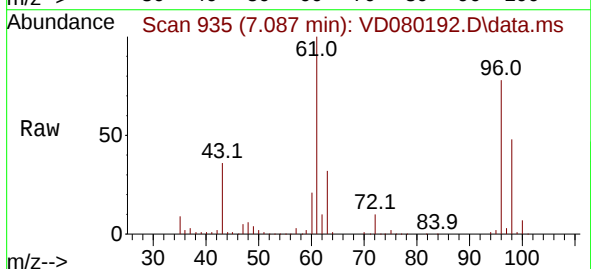
Tgt Ion: 96 Resp: 459950

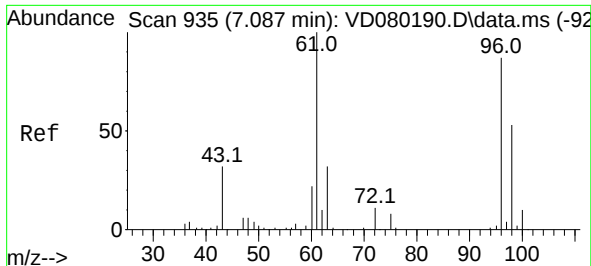
Ion Ratio Lower Upper

96 100

61 128.0 80.8 150.0

98 62.0 42.6 79.0

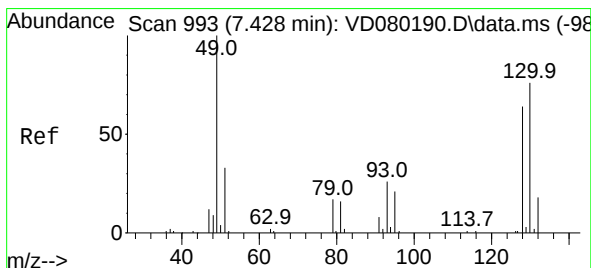
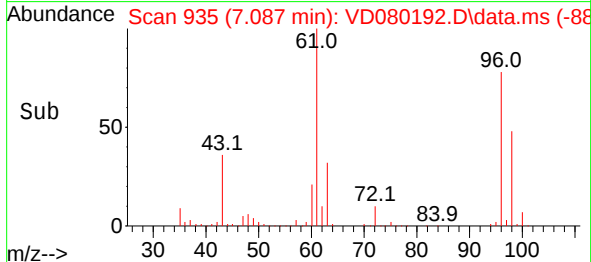
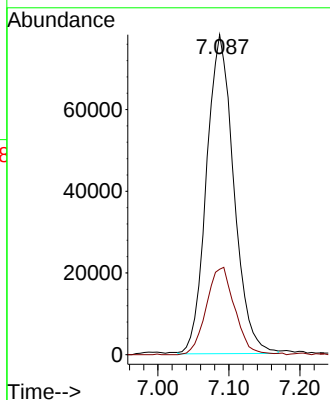
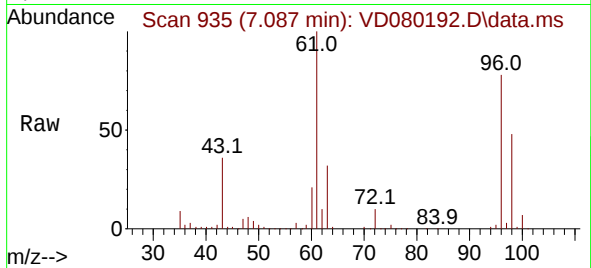




#22
2-Butanone
Concen: 195.357 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

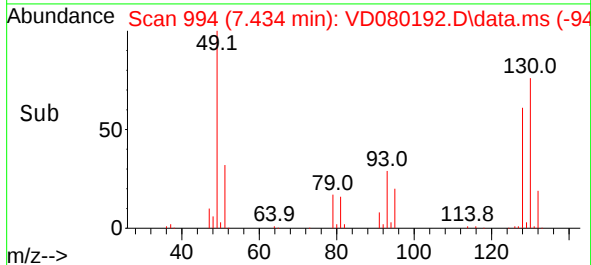
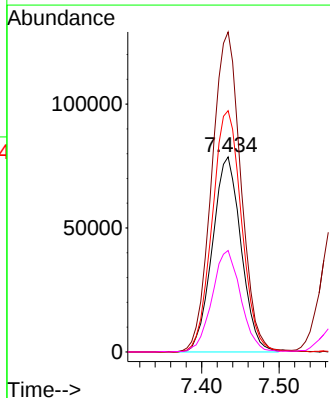
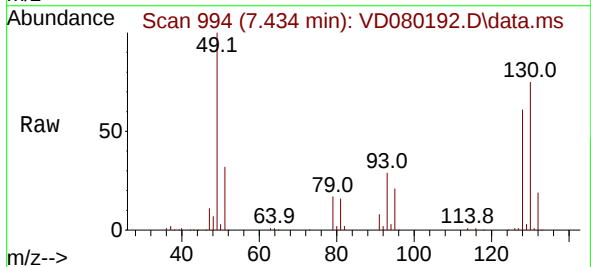
Instrument :
MSVOA_D
ClientSampleId :

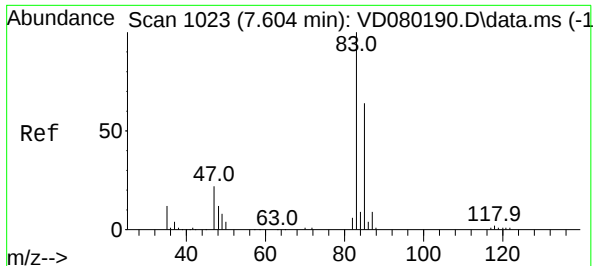
Tgt Ion: 43 Resp: 208622
Ion Ratio Lower Upper
43 100
72 28.4 14.0 42.0



#23
Bromochloromethane
Concen: 93.061 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

Tgt Ion:128 Resp: 202659
Ion Ratio Lower Upper
128 100
49 164.1 110.7 205.7
130 123.7 83.1 154.3
51 52.0 42.0 63.0





#25

Chloroform

Concen: 87.068 ug/L

RT: 7.599 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

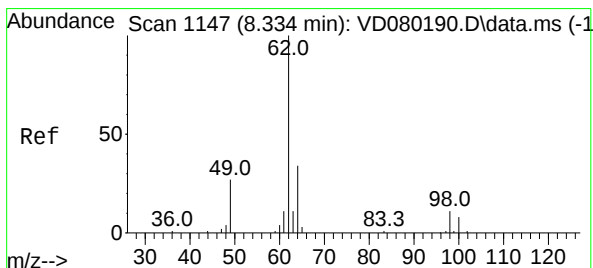
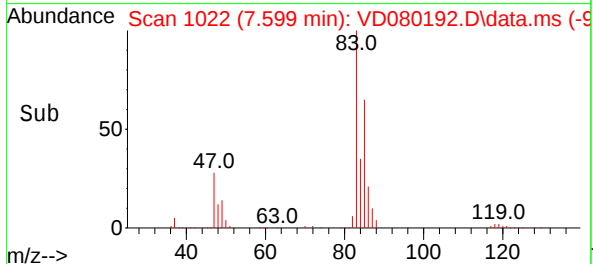
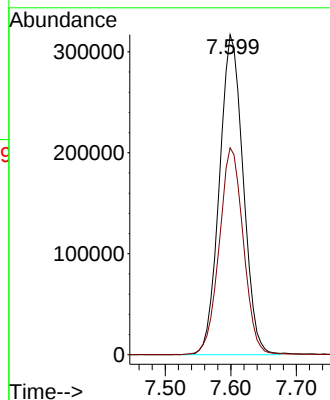
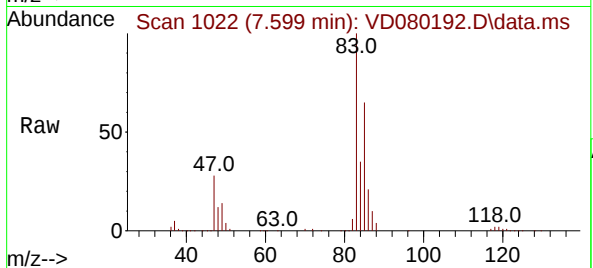
ClientSampleId :

Tgt Ion: 83 Resp: 795886

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.9



#27

1,2-Dichloroethane

Concen: 90.504 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: VD080192.D

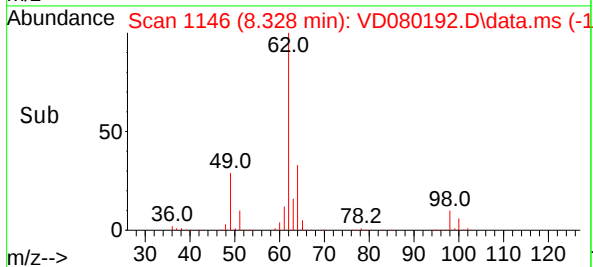
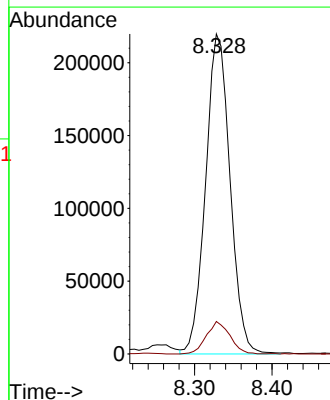
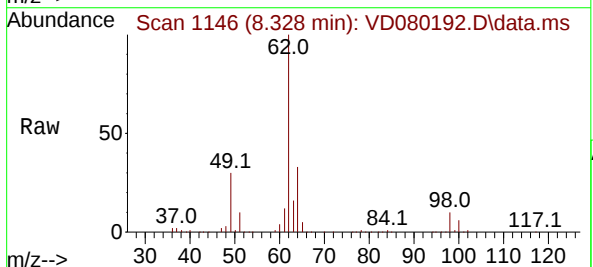
Acq: 09 Jan 2025 12:22

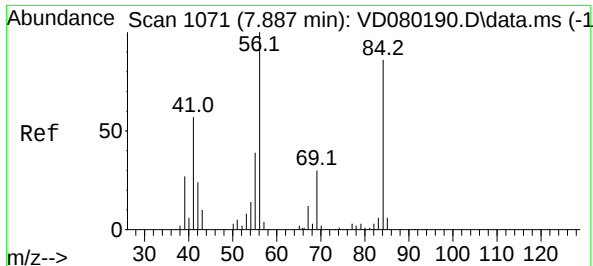
Tgt Ion: 62 Resp: 482605

Ion Ratio Lower Upper

62 100

98 10.1 8.6 13.0





#29

Cyclohexane

Concen: 103.129 ug/L

RT: 7.881 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

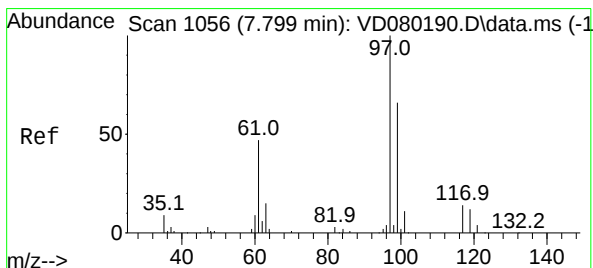
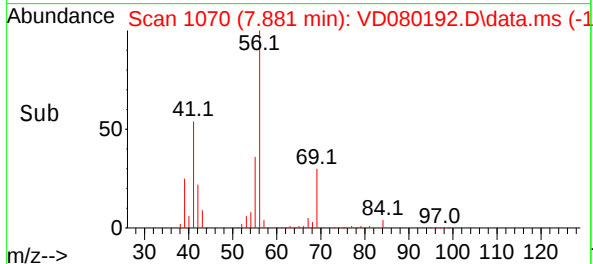
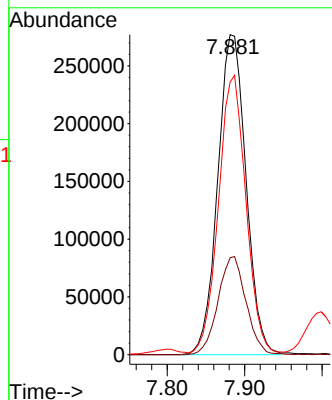
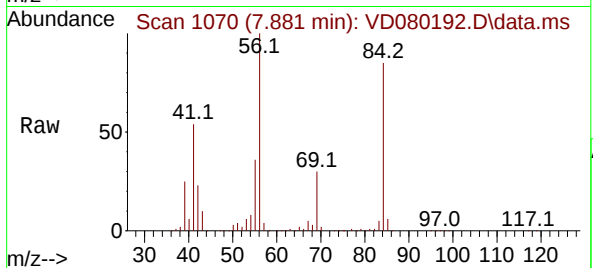
Tgt Ion: 56 Resp: 703053

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.4

84 85.1 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 88.482 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

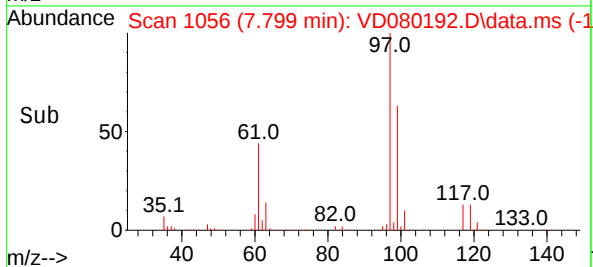
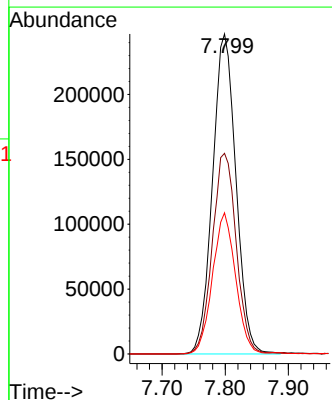
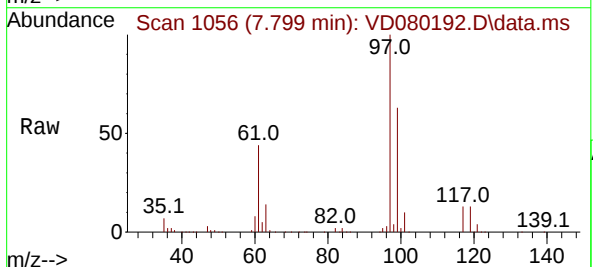
Tgt Ion: 97 Resp: 635172

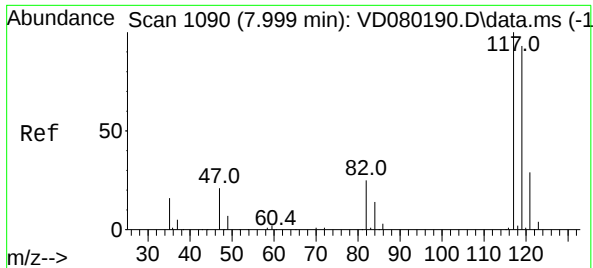
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 43.5 35.8 53.6

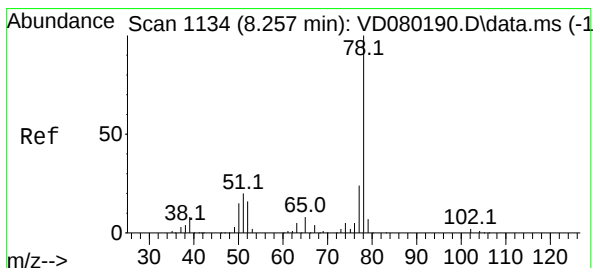
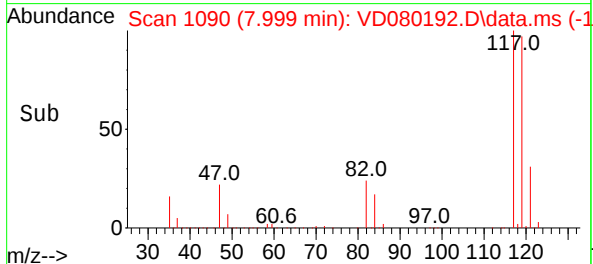
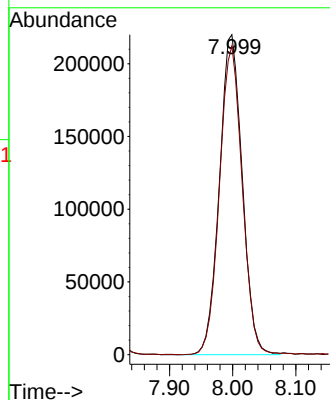
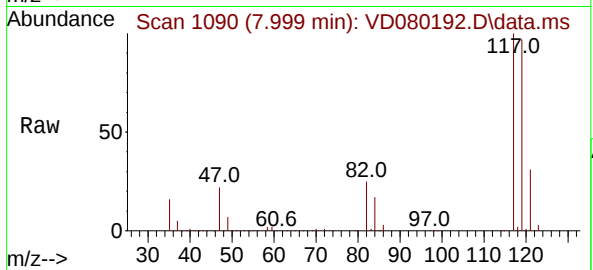




#31
Carbon tetrachloride
Concen: 87.329 ug/L
RT: 7.999 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

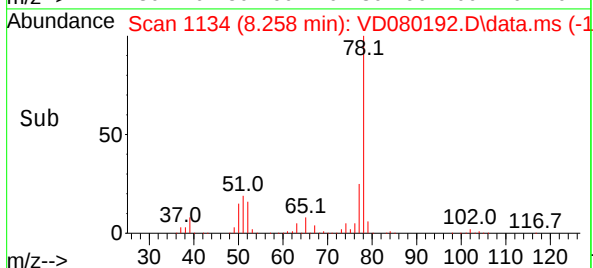
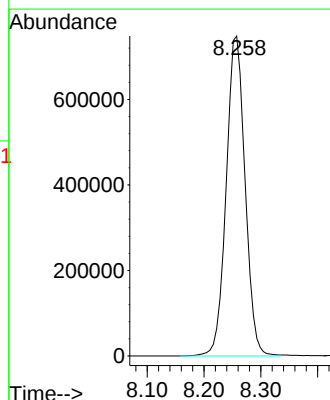
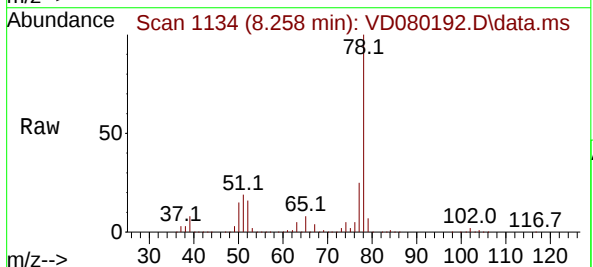
Instrument :
MSVOA_D
ClientSampleId :

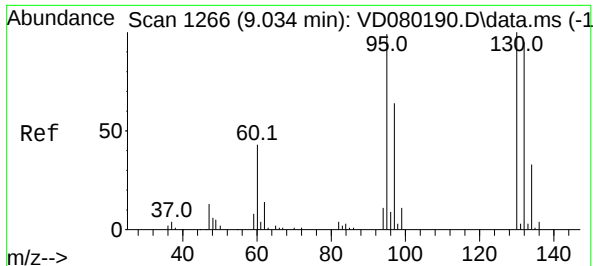
Tgt Ion:117 Resp: 553307
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8



#33
Benzene
Concen: 93.758 ug/L
RT: 8.258 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

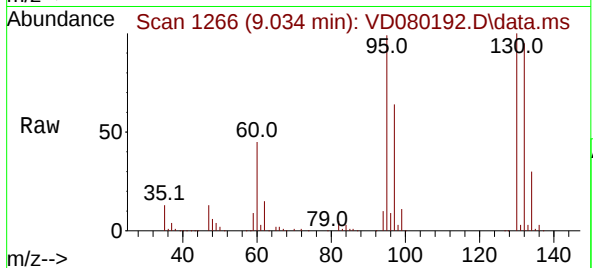
Tgt Ion: 78 Resp: 1727457



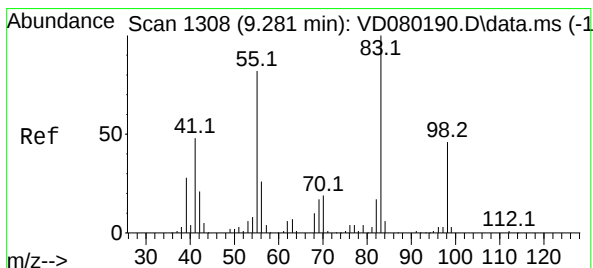
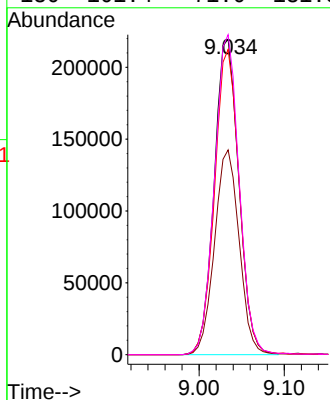
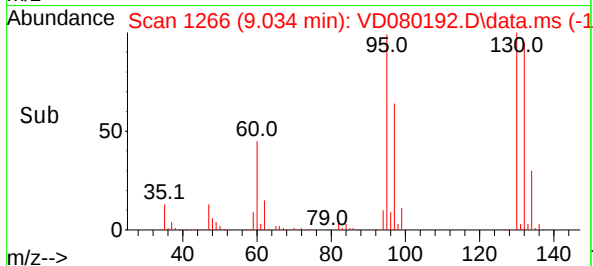


#34
Trichloroethene
Concen: 92.568 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

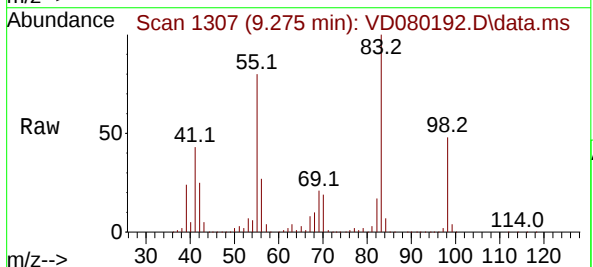
Instrument :
MSVOA_D
ClientSampleId :



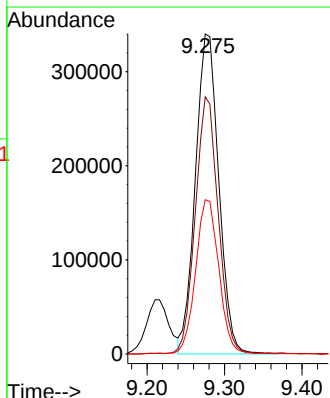
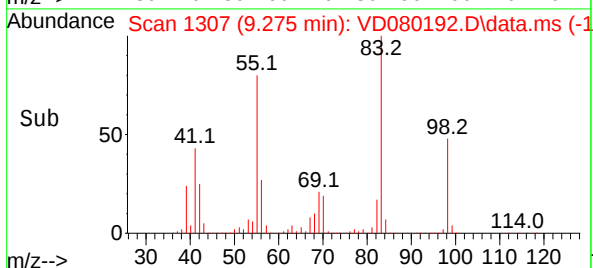
Tgt Ion: 95 Resp: 441712
Ion Ratio Lower Upper
95 100
97 64.9 45.6 84.6
132 96.7 67.2 124.8
130 101.4 71.0 131.8

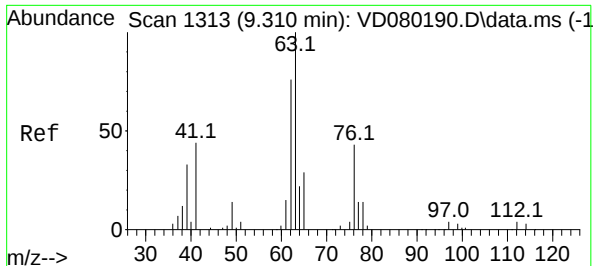


#35
Methylcyclohexane
Concen: 100.639 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.006 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22



Tgt Ion: 83 Resp: 714098
Ion Ratio Lower Upper
83 100
55 78.5 65.6 98.4
98 47.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 90.813 ug/L

RT: 9.310 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

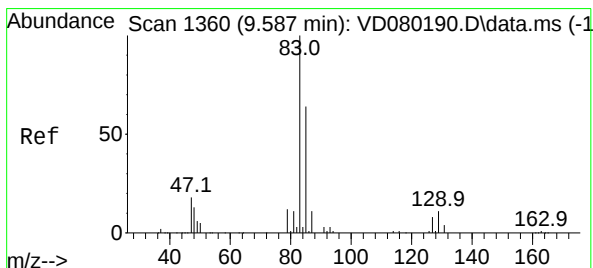
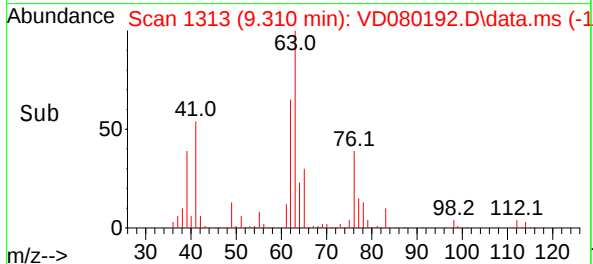
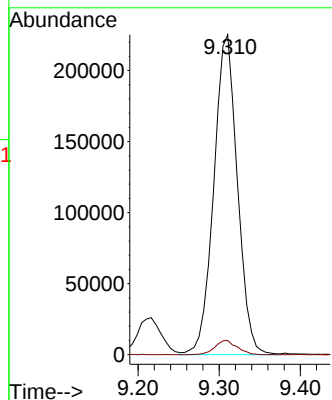
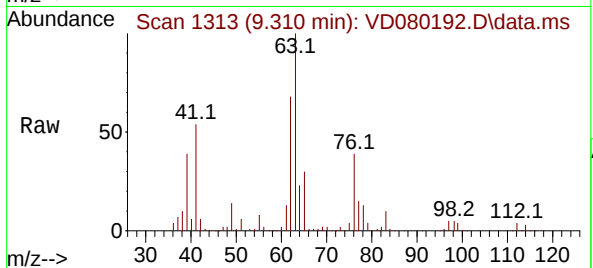
ClientSampleId :

Tgt Ion: 63 Resp: 455861

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 90.811 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

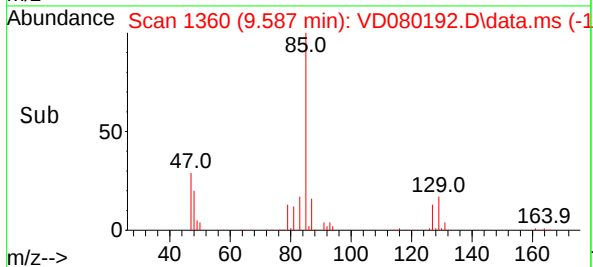
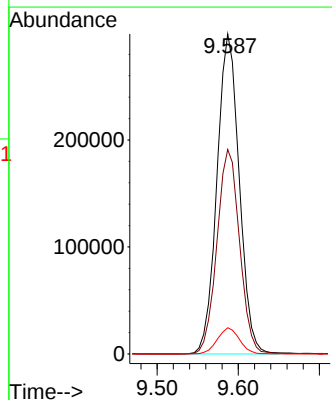
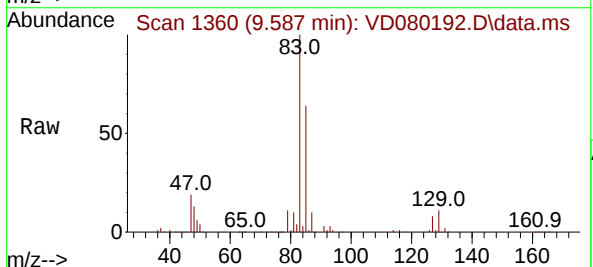
Tgt Ion: 83 Resp: 571514

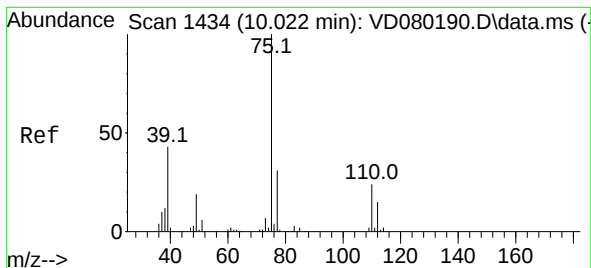
Ion Ratio Lower Upper

83 100

85 63.9 44.6 82.8

127 8.2 6.7 10.1

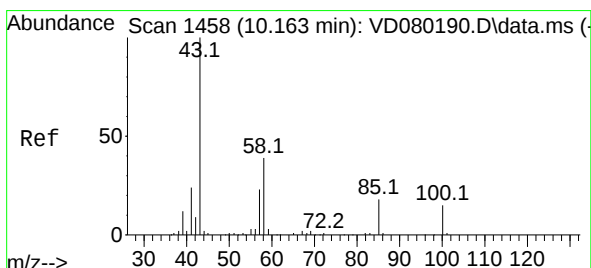
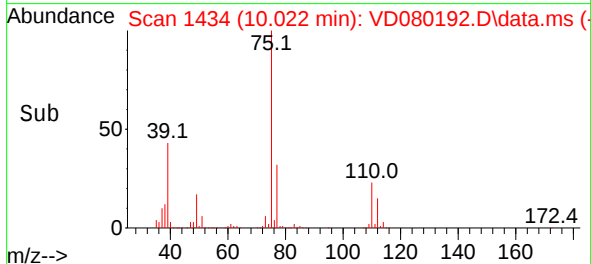
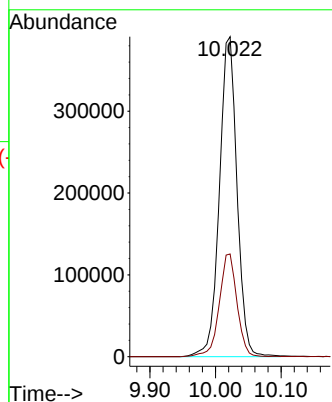
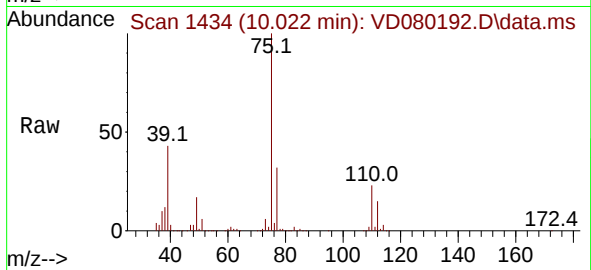




#39
cis-1,3-Dichloropropene
Concen: 102.508 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

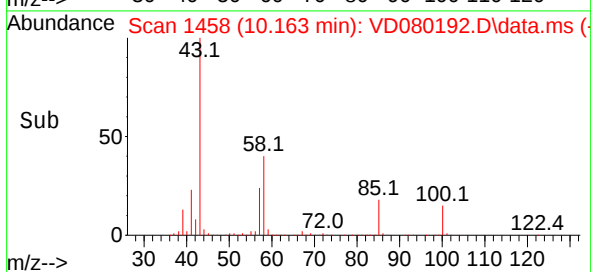
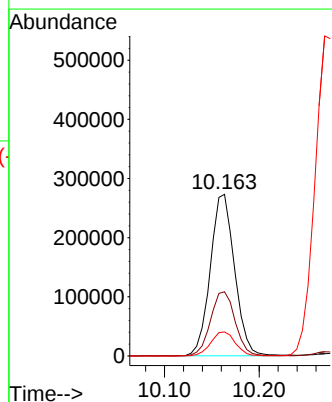
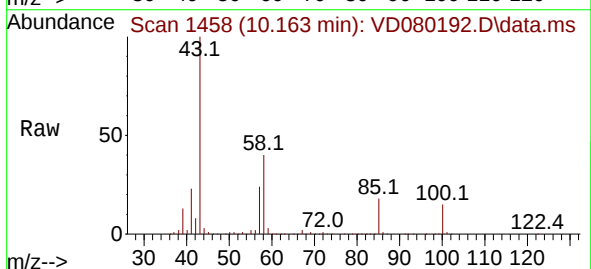
Instrument :
MSVOA_D
ClientSampleId :

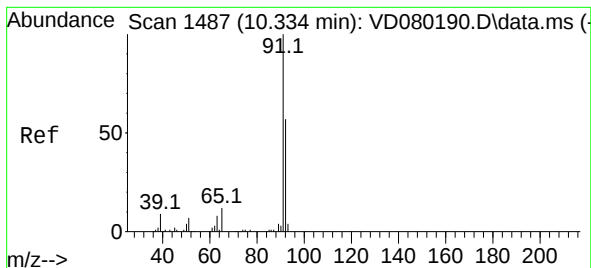
Tgt Ion: 75 Resp: 727290
Ion Ratio Lower Upper
75 100
77 32.1 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 197.453 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

Tgt Ion: 43 Resp: 486550
Ion Ratio Lower Upper
43 100
58 40.4 31.0 46.6
100 15.2 12.1 18.1





#42

Toluene

Concen: 99.224 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

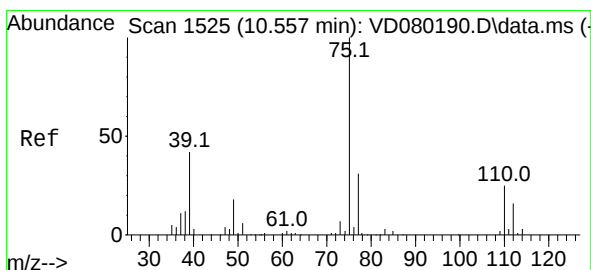
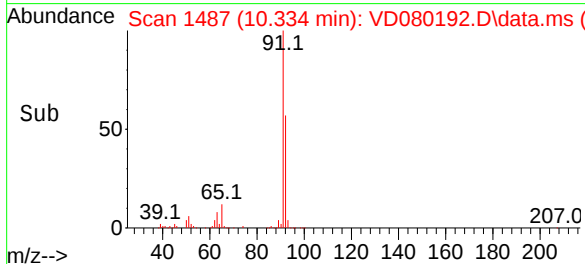
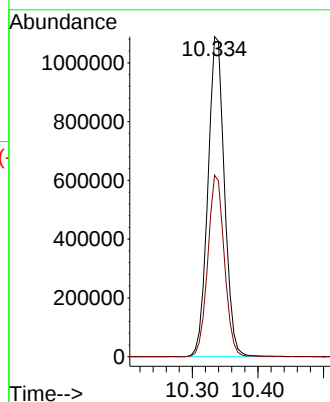
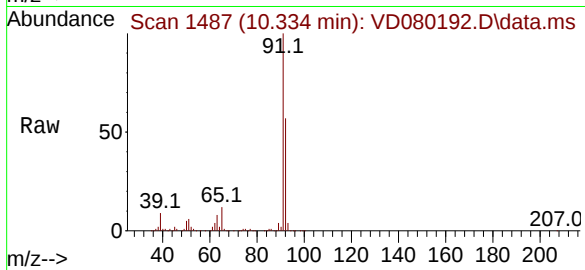
ClientSampleId :

Tgt Ion: 91 Resp: 1910071

Ion Ratio Lower Upper

91 100

92 56.7 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 101.006 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD080192.D

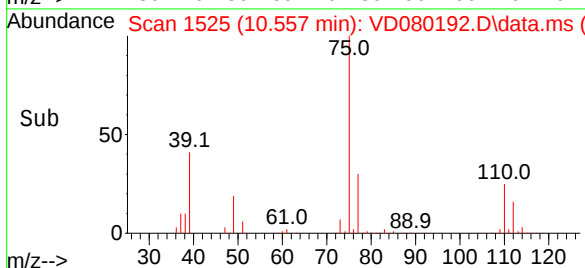
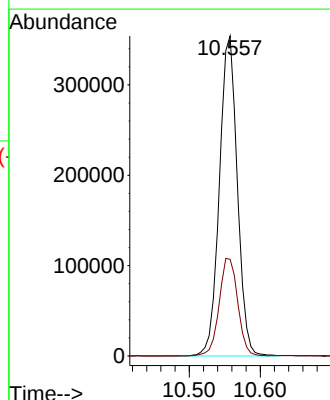
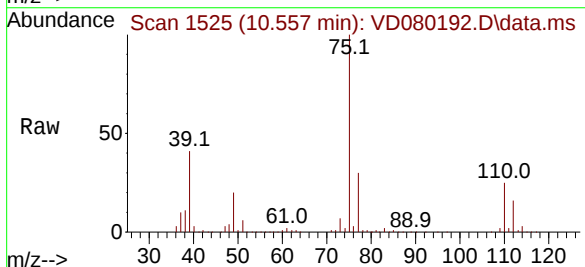
Acq: 09 Jan 2025 12:22

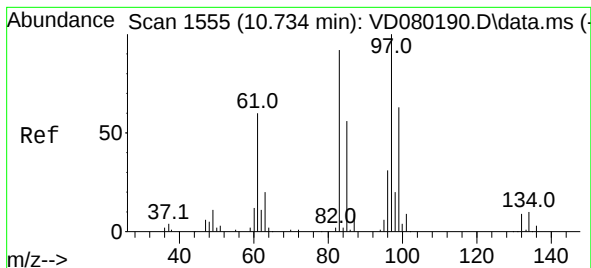
Tgt Ion: 75 Resp: 618872

Ion Ratio Lower Upper

75 100

77 30.2 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 90.517 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 331753

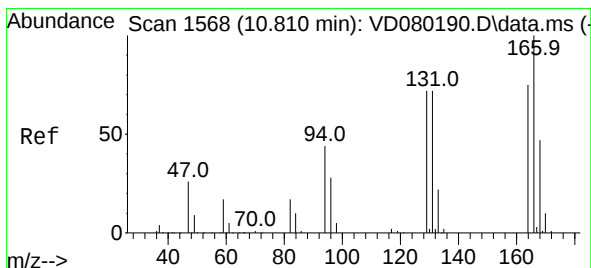
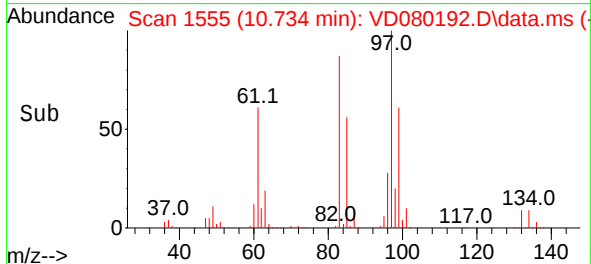
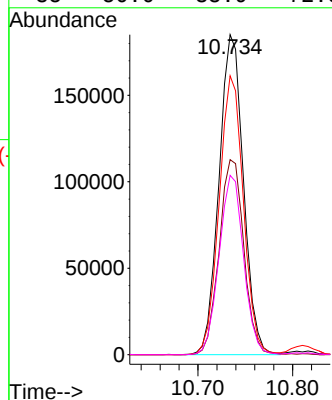
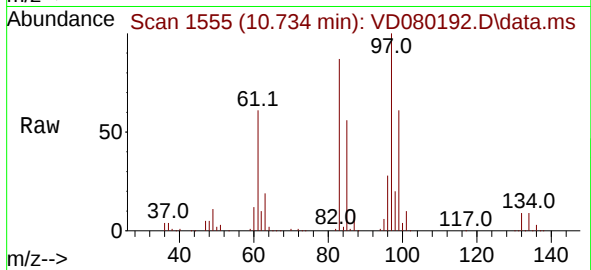
Ion Ratio Lower Upper

97 100

99 60.9 44.0 81.8

83 87.1 64.4 119.6

85 56.0 38.9 72.3



#46

Tetrachloroethene

Concen: 90.329 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Tgt Ion:164 Resp: 347303

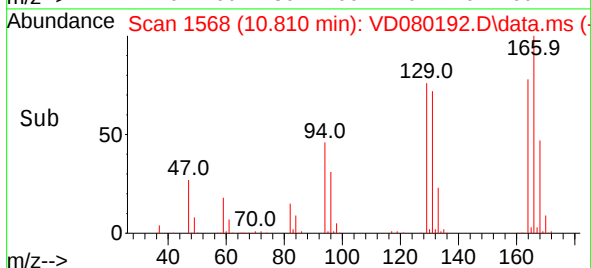
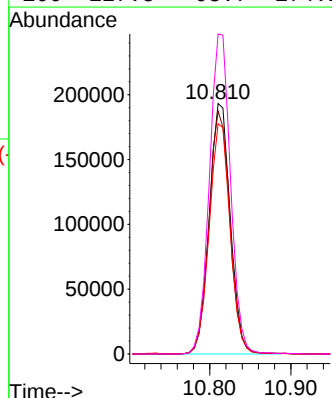
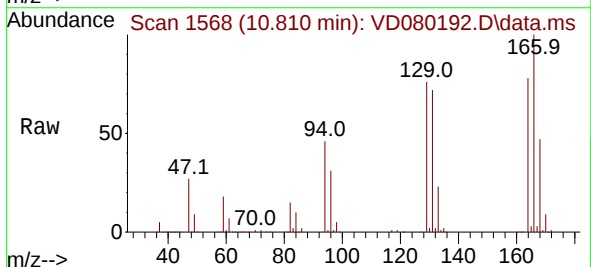
Ion Ratio Lower Upper

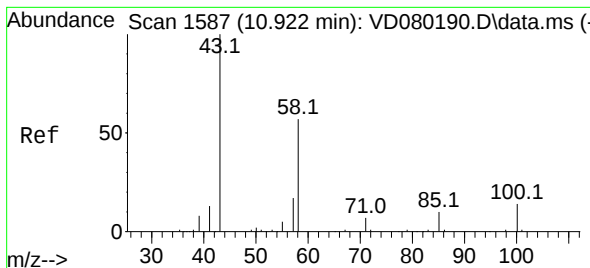
164 100

129 96.9 67.8 125.8

131 92.0 67.6 125.6

166 127.8 93.7 174.1





#48

2-Hexanone

Concen: 212.692 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43 Resp: 349257

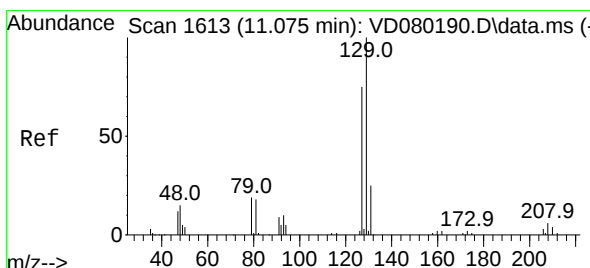
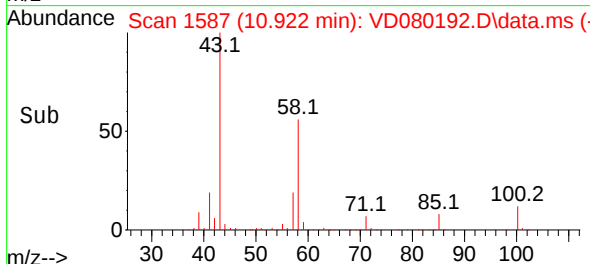
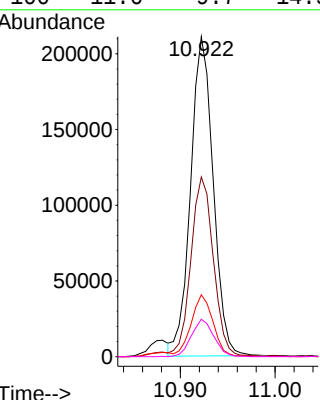
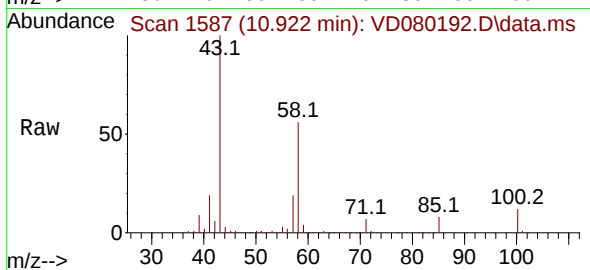
Ion Ratio Lower Upper

43 100

58 55.6 42.5 63.7

57 18.2 15.5 23.3

100 11.6 9.7 14.5



#49

Dibromochloromethane

Concen: 93.062 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD080192.D

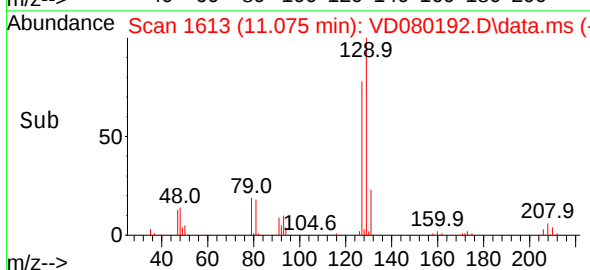
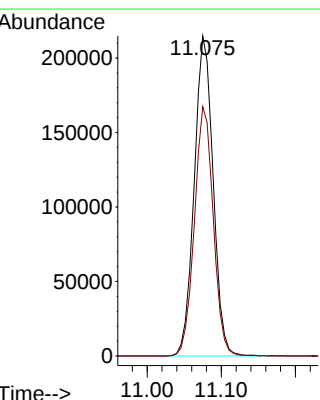
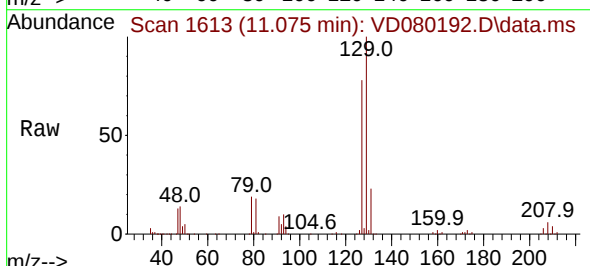
Acq: 09 Jan 2025 12:22

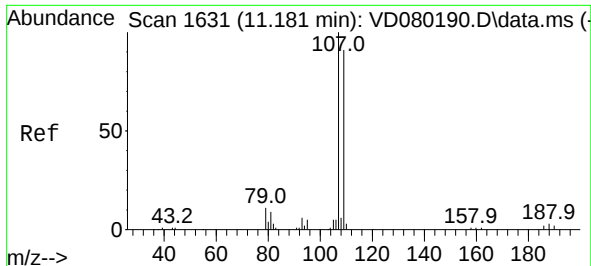
Tgt Ion:129 Resp: 379855

Ion Ratio Lower Upper

129 100

127 77.9 52.3 97.1





#50

1,2-Dibromoethane

Concen: 94.637 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

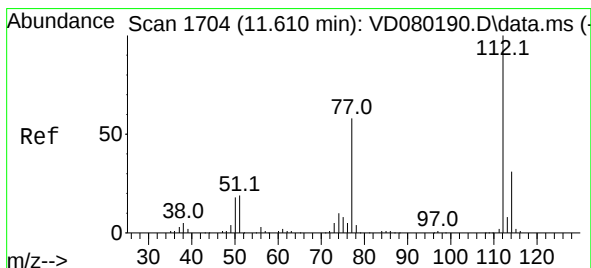
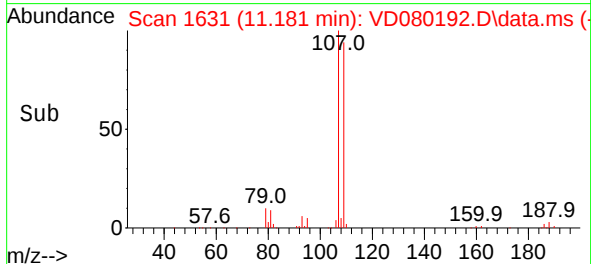
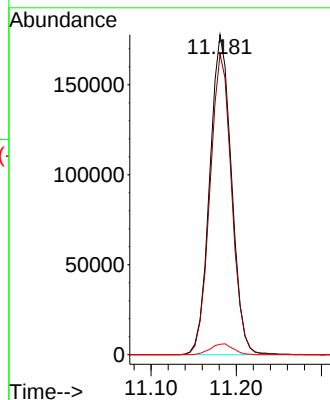
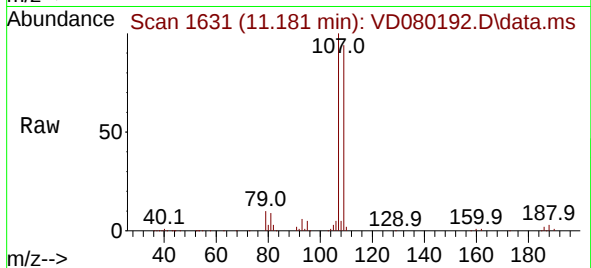
Tgt Ion:107 Resp: 315230

Ion Ratio Lower Upper

107 100

109 93.9 63.8 118.6

188 3.3 2.8 4.2



#51

Chlorobenzene

Concen: 94.221 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

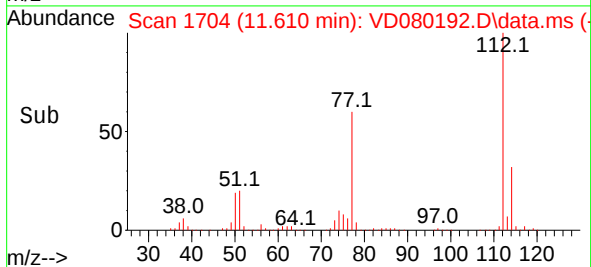
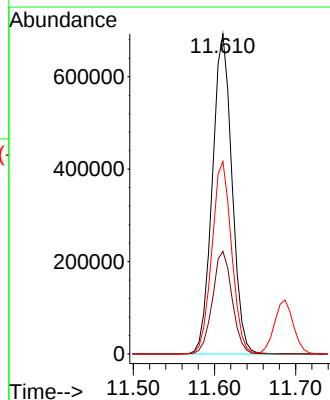
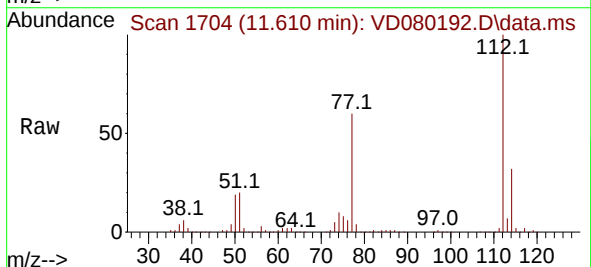
Tgt Ion:112 Resp: 1162743

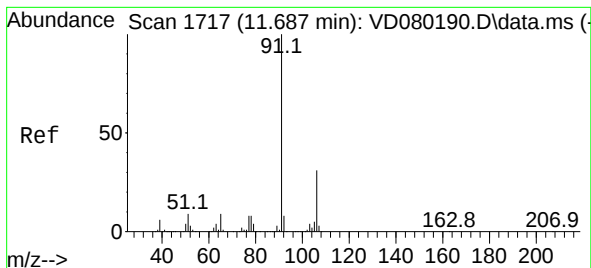
Ion Ratio Lower Upper

112 100

114 32.1 21.8 40.6

77 60.2 46.8 70.2





#52

Ethylbenzene

Concen: 102.934 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

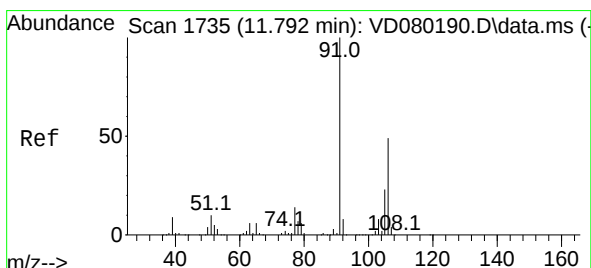
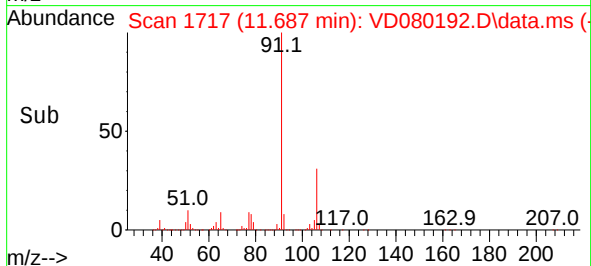
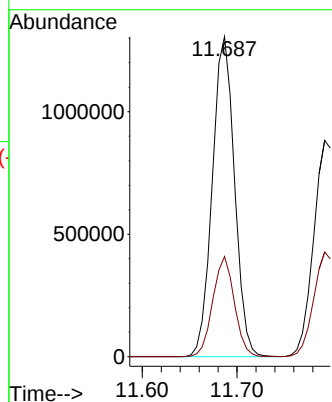
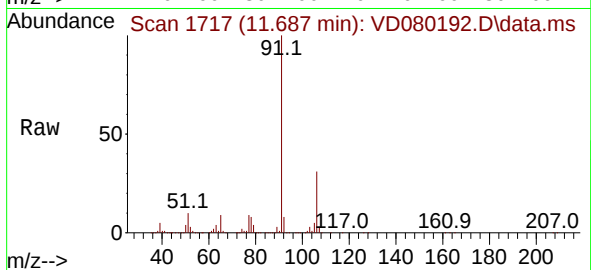
ClientSampleId :

Tgt Ion: 91 Resp: 2126157

Ion Ratio Lower Upper

91 100

106 31.3 21.8 40.6



#53

m,p-Xylene

Concen: 102.815 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD080192.D

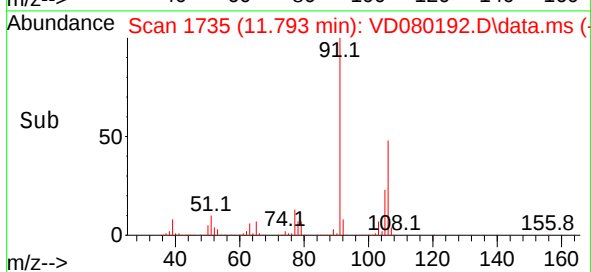
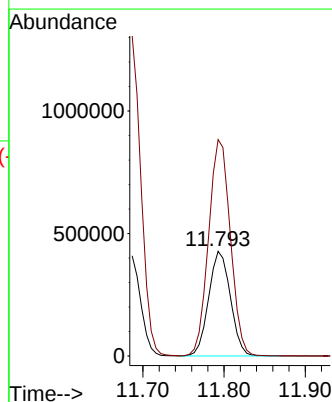
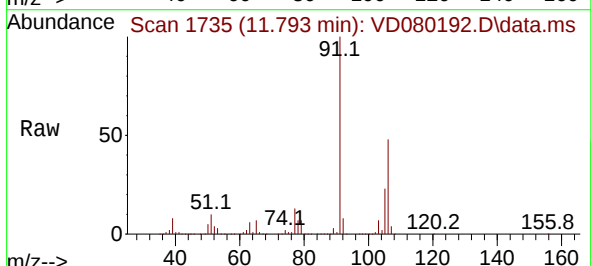
Acq: 09 Jan 2025 12:22

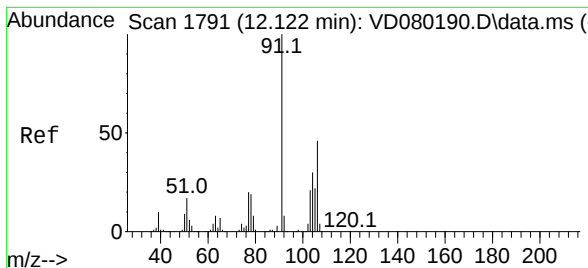
Tgt Ion:106 Resp: 793697

Ion Ratio Lower Upper

106 100

91 206.7 144.1 267.7

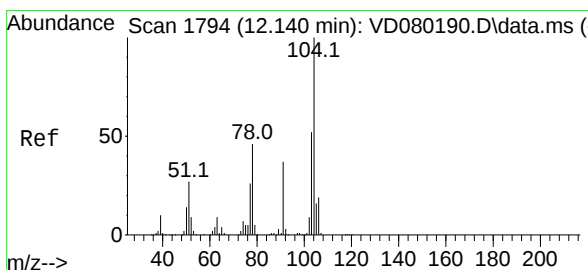
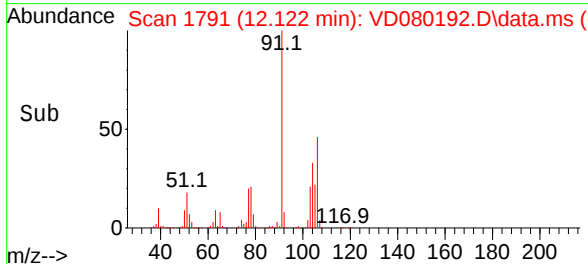
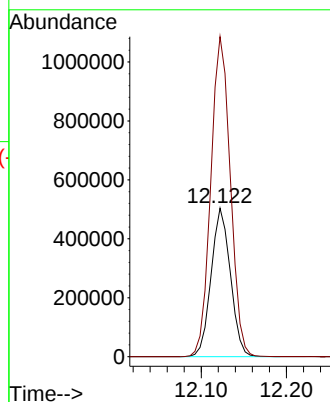
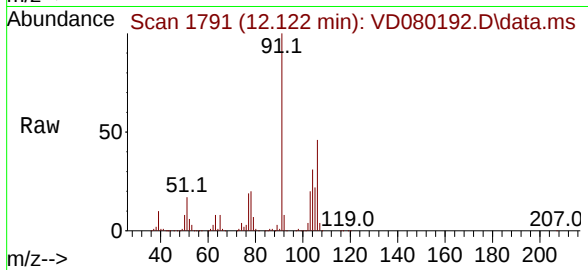




#54
o-Xylene
Concen: 109.684 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

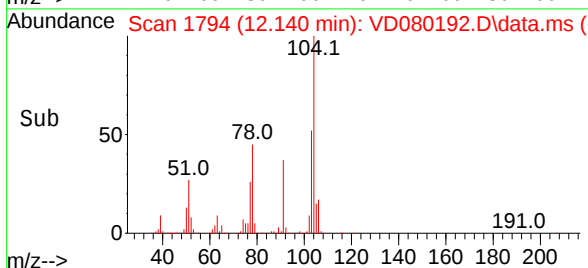
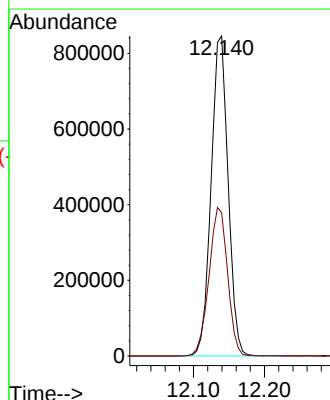
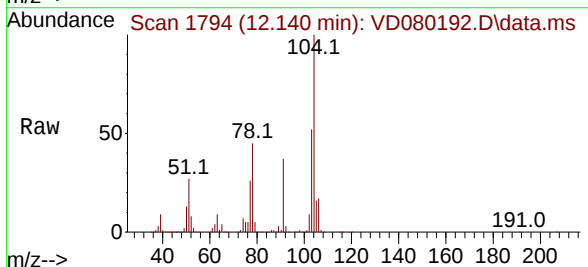
Instrument :
MSVOA_D
ClientSampleId :

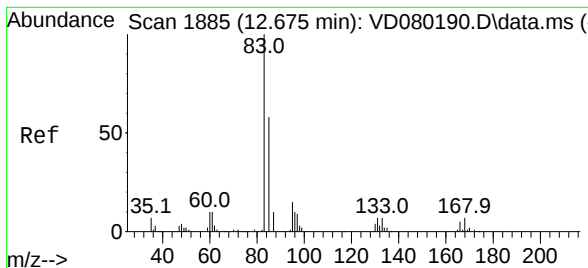
Tgt Ion:106 Resp: 792087
Ion Ratio Lower Upper
106 100
91 215.4 153.8 285.6



#55
Styrene
Concen: 107.359 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

Tgt Ion:104 Resp: 1404206
Ion Ratio Lower Upper
104 100
78 44.7 31.9 59.3

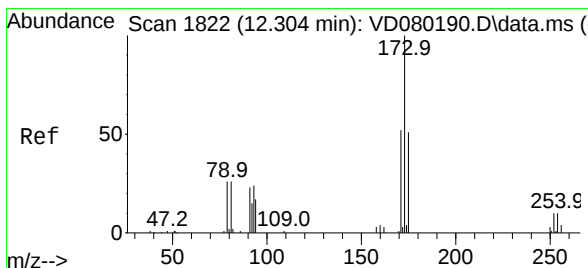
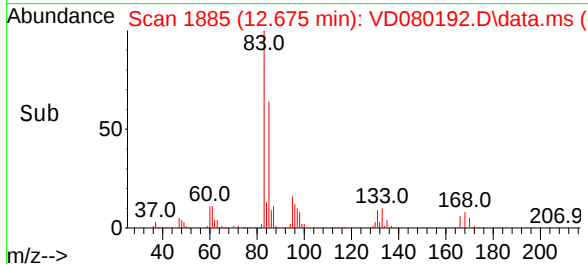
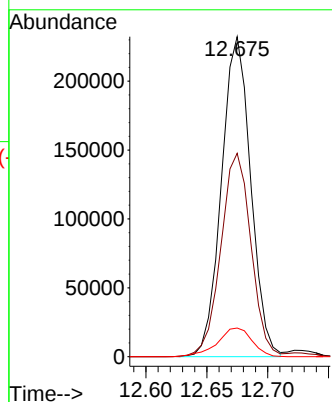
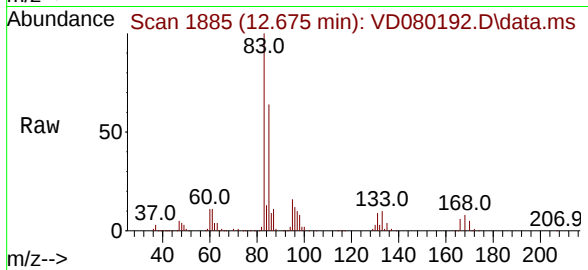




#57
1,1,2,2-Tetrachloroethane
Concen: 93.431 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

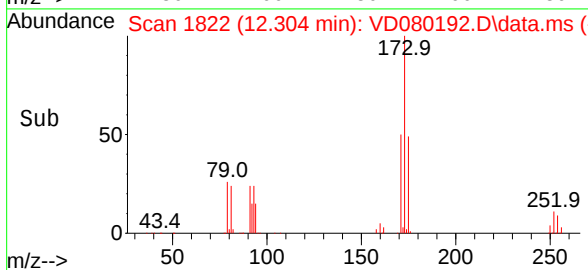
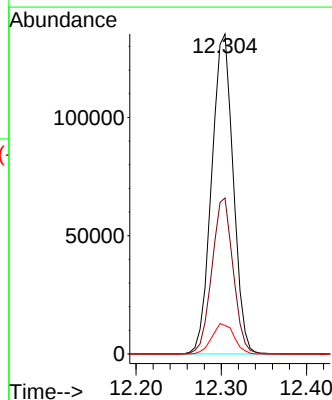
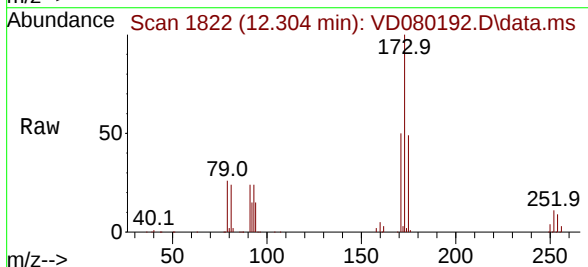
Instrument :
MSVOA_D
ClientSampleId :

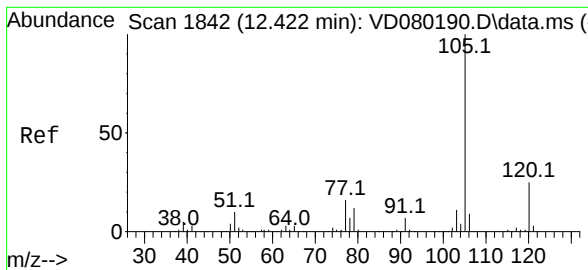
Tgt Ion: 83 Resp: 388190
Ion Ratio Lower Upper
83 100
85 63.6 40.7 75.5
131 9.0 6.2 9.2



#59
Bromoform
Concen: 89.811 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

Tgt Ion:173 Resp: 237873
Ion Ratio Lower Upper
173 100
175 47.9 38.2 57.4
254 9.8 8.3 12.5





#60

Isopropylbenzene

Concen: 101.622 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

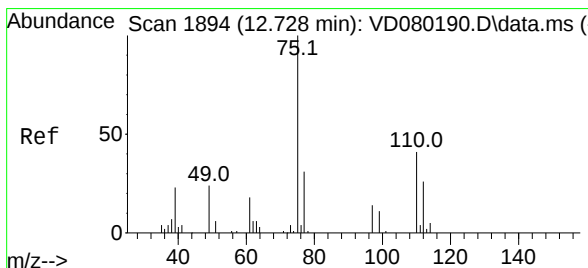
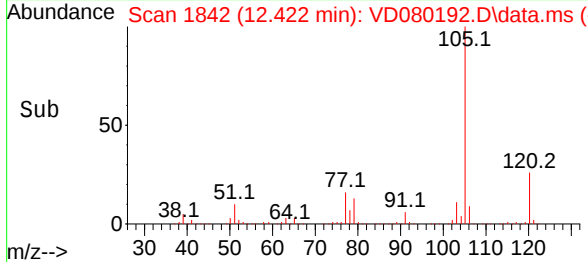
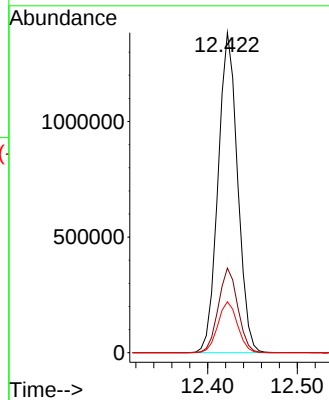
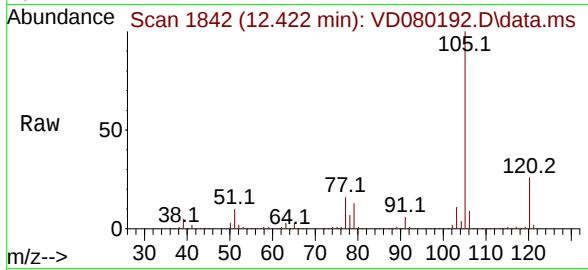
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:105 Resp: 2092111

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.6	30.8
77	16.0	13.0	19.6



#61

1,2,3-Trichloropropane

Concen: 84.966 ug/L

RT: 12.728 min Scan# 1894

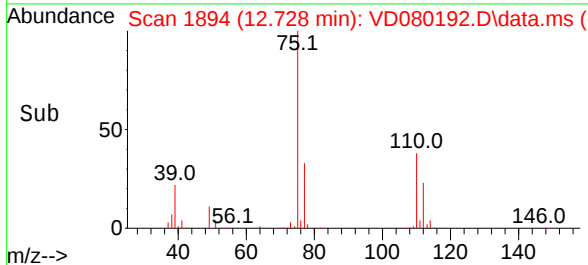
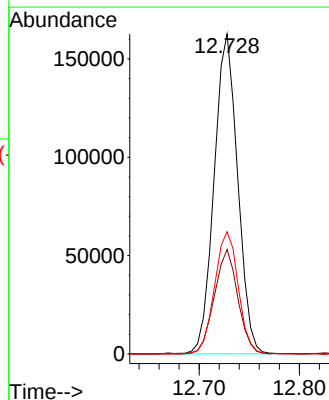
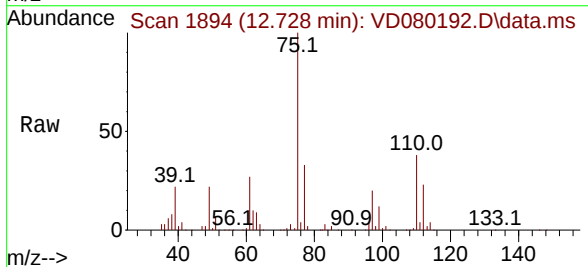
Delta R.T. 0.000 min

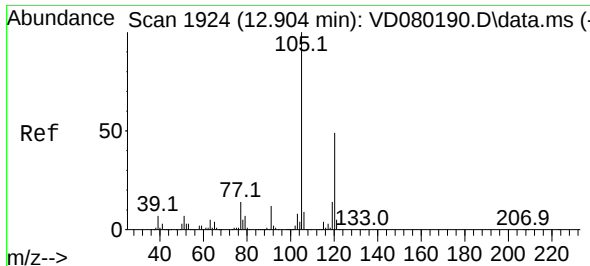
Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Tgt Ion: 75 Resp: 265216

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.7	38.5
110	38.3	31.5	47.3





#62

1,3,5-Trimethylbenzene

Concen: 106.208 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

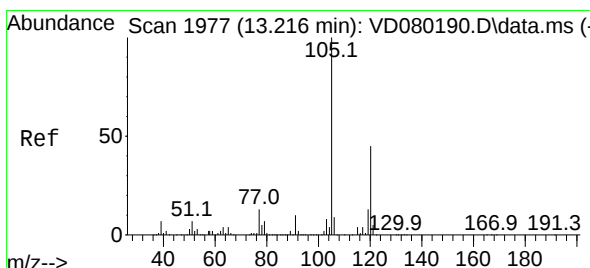
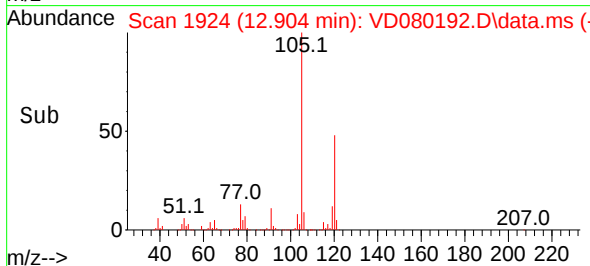
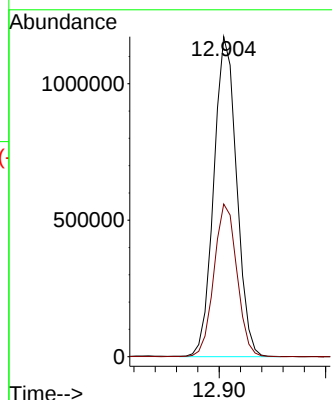
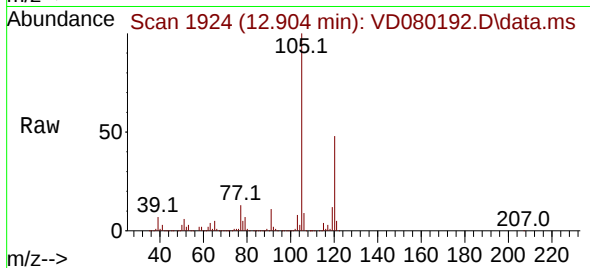
ClientSampleId :

Tgt Ion:105 Resp: 1742456

Ion Ratio Lower Upper

105 100

120 48.0 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 107.563 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD080192.D

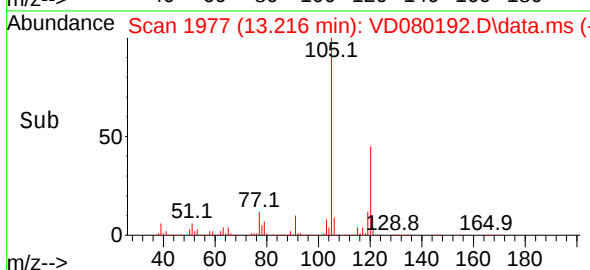
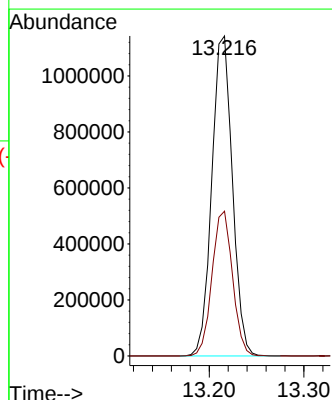
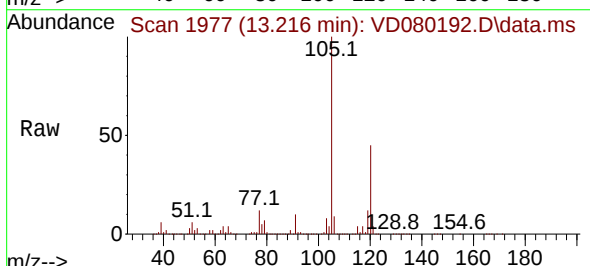
Acq: 09 Jan 2025 12:22

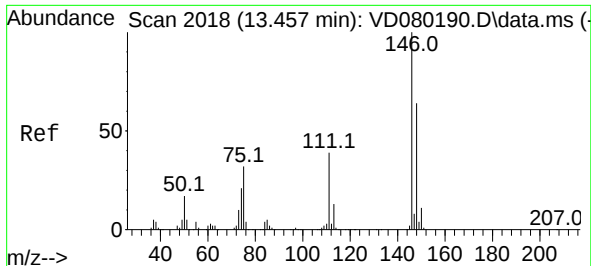
Tgt Ion:105 Resp: 1721469

Ion Ratio Lower Upper

105 100

120 45.1 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 92.562 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

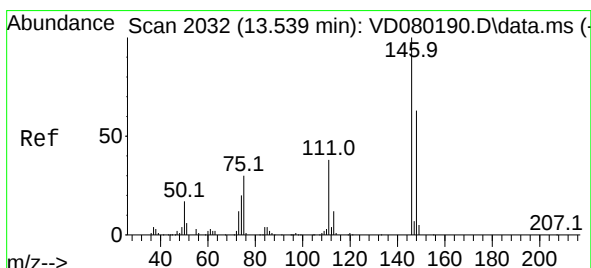
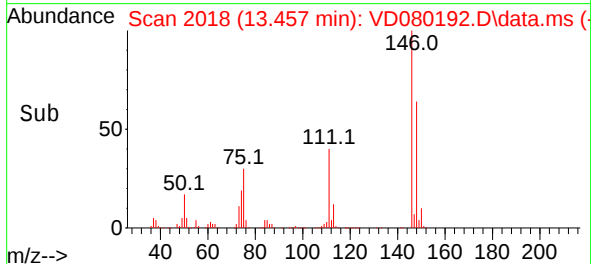
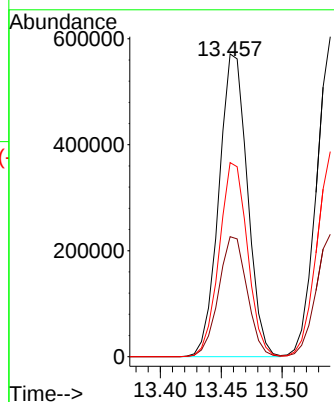
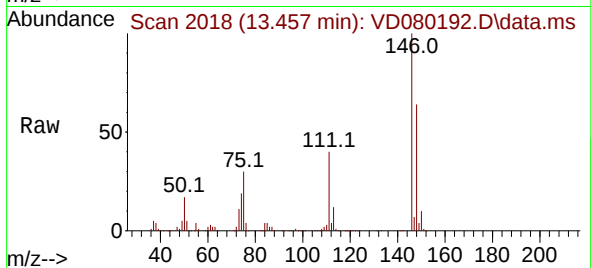
Tgt Ion:146 Resp: 932145

Ion Ratio Lower Upper

146 100

111 39.6 27.2 50.6

148 64.1 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 91.424 ug/L

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

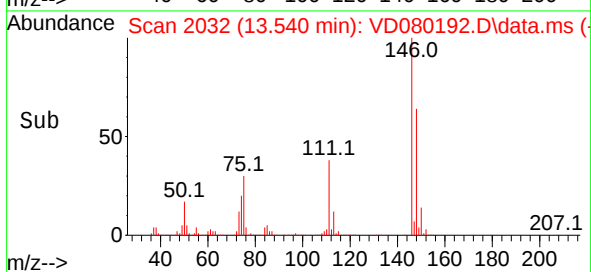
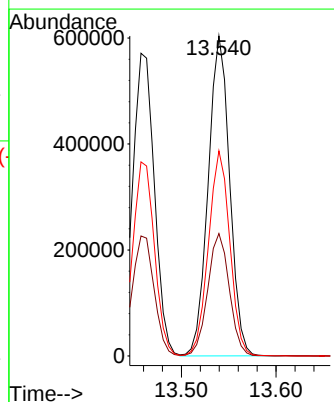
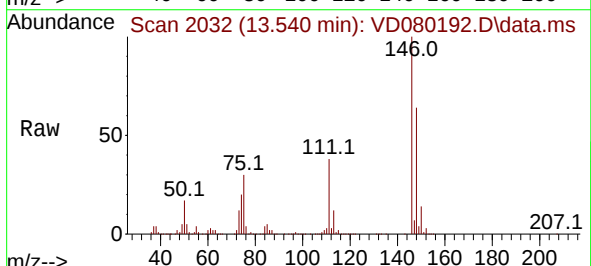
Tgt Ion:146 Resp: 950633

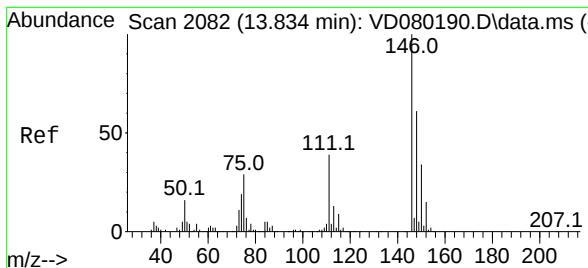
Ion Ratio Lower Upper

146 100

111 38.3 26.7 49.7

148 64.1 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 95.426 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

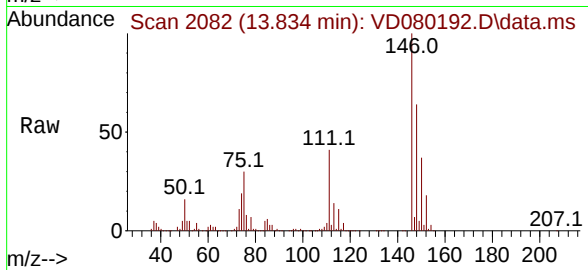
Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :



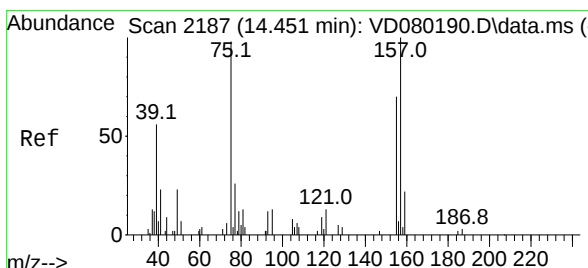
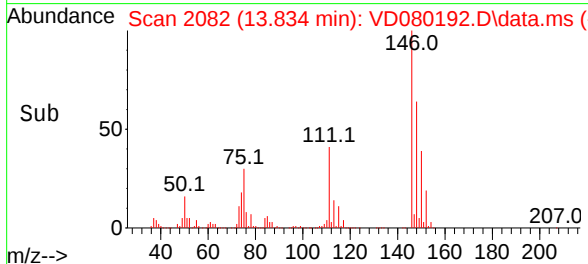
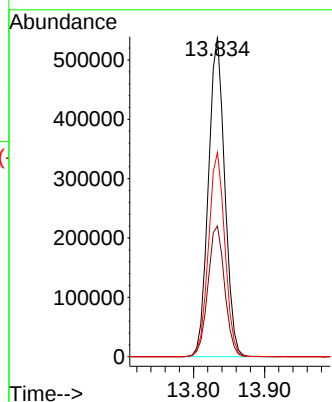
Tgt Ion:146 Resp: 860781

Ion Ratio Lower Upper

146 100

111 40.8 31.4 47.0

148 63.8 48.8 73.2



#68

1,2-Dibromo-3-chloropropane

Concen: 84.319 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

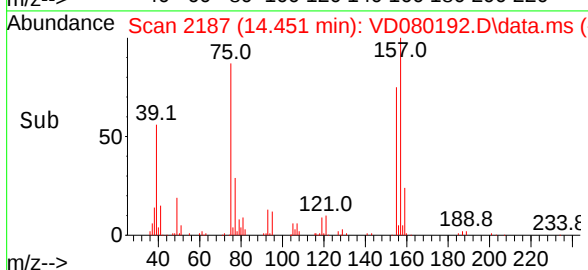
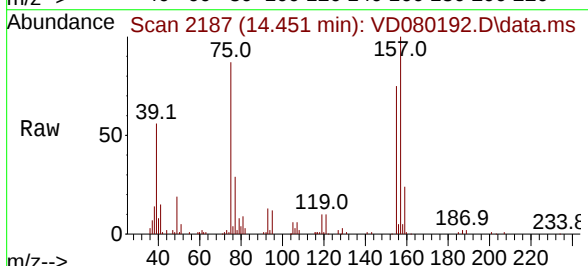
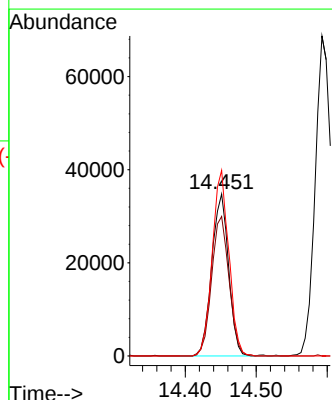
Tgt Ion: 75 Resp: 57492

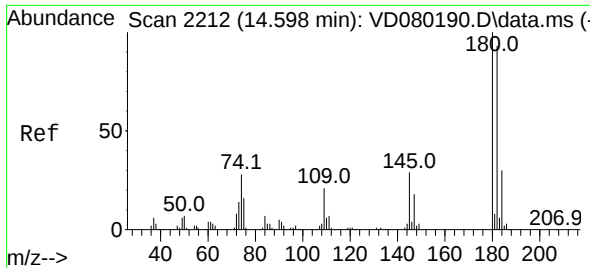
Ion Ratio Lower Upper

75 100

155 86.2 57.3 85.9#

157 114.6 82.0 123.0





#69

1,3,5-Trichlorobenzene

Concen: 96.030 ug/L

RT: 14.598 min Scan# 2212

Delta R.T. 0.000 min

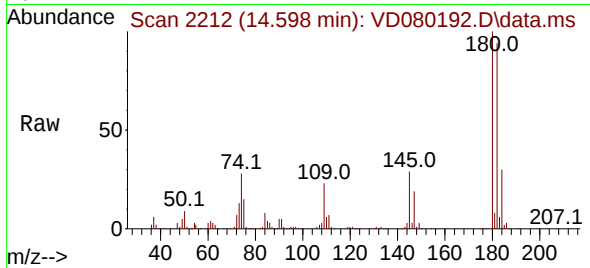
Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 657619

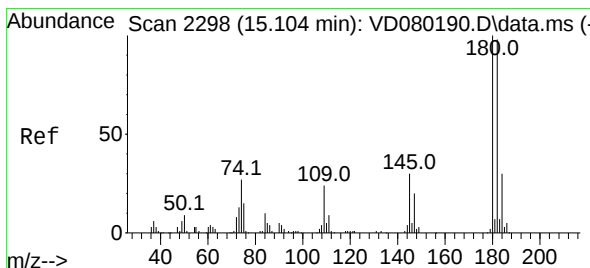
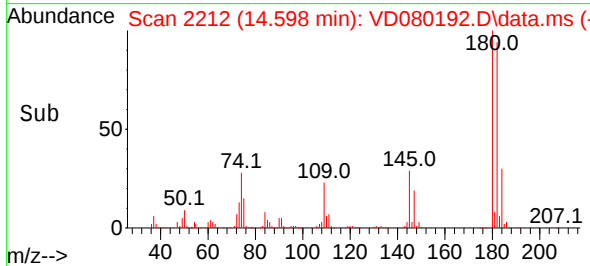
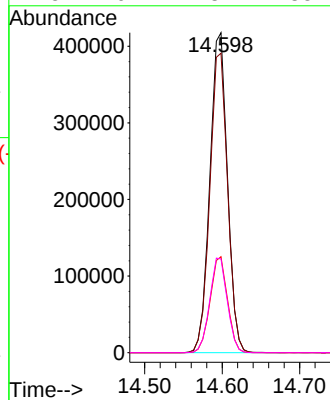
Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.0

184 29.8 24.0 36.0

145 29.7 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 100.520 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD080192.D

Acq: 09 Jan 2025 12:22

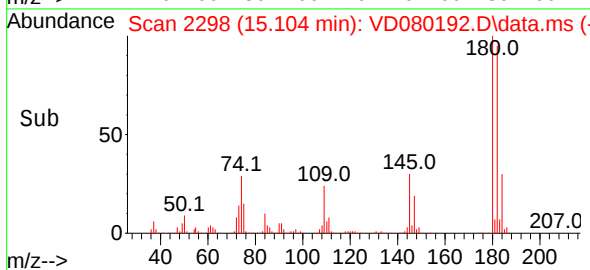
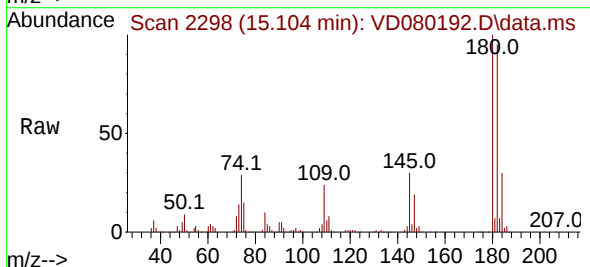
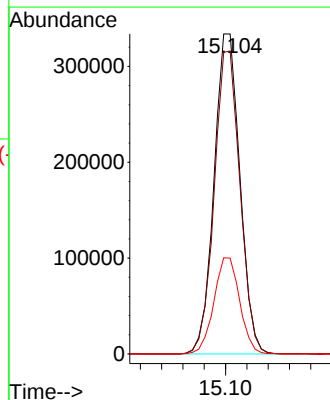
Tgt Ion:180 Resp: 561710

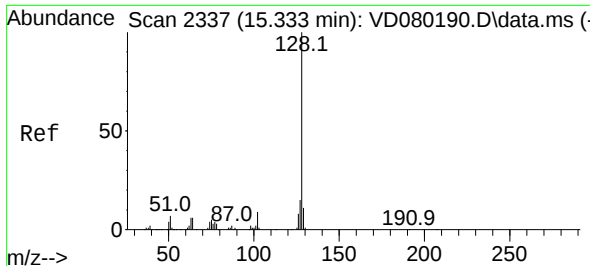
Ion Ratio Lower Upper

180 100

182 94.3 76.9 115.3

145 30.0 23.5 35.3



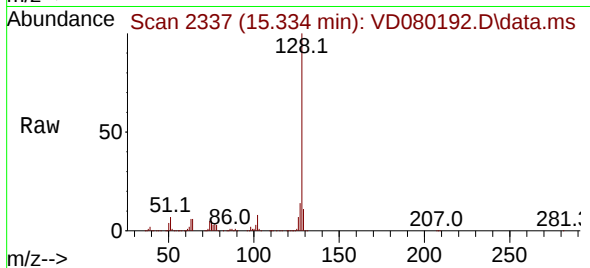


#71
Naphthalene
Concen: 107.277 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22

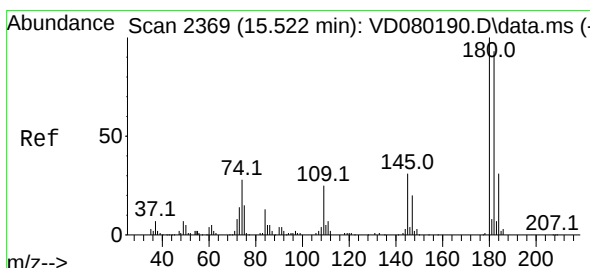
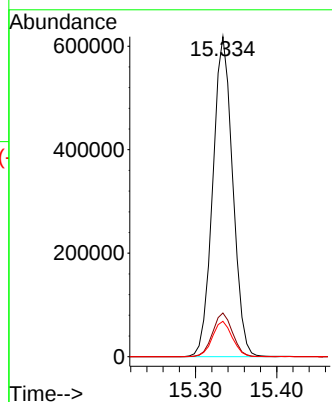
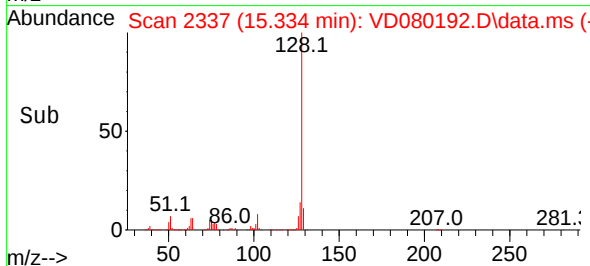
Instrument :

MSVOA_D

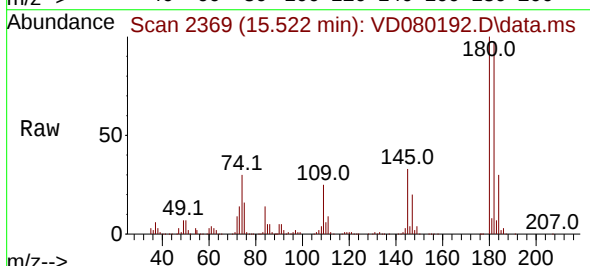
ClientSampleId :



Tgt Ion:128 Resp: 1054753
Ion Ratio Lower Upper
128 100
127 13.7 11.5 17.3
129 11.0 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 96.468 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080192.D
Acq: 09 Jan 2025 12:22



Tgt Ion:180 Resp: 500678
Ion Ratio Lower Upper
180 100
182 95.4 74.8 112.2
145 31.9 24.2 36.4

