

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079992.D
 Acq On : 12 Nov 2024 11:02
 Operator : RP/MD
 Sample : VSTD025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 01:44:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 01:43:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	258929	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	254355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	137611	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	84965	22.014	ug/L	0.00
7) Chloroethane-d5	2.805	69	78473	24.512	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	35924	22.706	ug/L	0.00
21) 2-Butanone-d5	6.987	46	38594	47.101	ug/L	0.00
24) Chloroform-d	7.569	84	187648	25.517	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	98989	24.824	ug/L	0.00
32) Benzene-d6	8.199	84	367754	25.141	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	116982	24.790	ug/L	0.00
41) Toluene-d8	10.269	98	340504	25.573	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	47095	24.798	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	35581	51.212	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	95640	25.303	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	119434	25.045	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	93389	23.718	ug/L	100
3) Chloromethane	2.146	50	73898	22.946	ug/L	100
5) Vinyl chloride	2.287	62	100183	24.778	ug/L	100
6) Bromomethane	2.693	94	72457	25.364	ug/L	100
8) Chloroethane	2.840	64	68093	26.449	ug/L	100
9) Trichlorofluoromethane	3.175	101	165005	24.400	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	100331	24.413	ug/L	100
12) 1,1-Dichloroethene	3.940	96	84684	24.410	ug/L	100
13) Acetone	4.028	43	51448	53.044	ug/L	100
14) Carbon disulfide	4.269	76	287090	24.774	ug/L	100
15) Methyl Acetate	4.569	43	37741	25.025	ug/L	# 91
16) Methylene chloride	4.805	84	102647	23.892	ug/L	100
17) trans-1,2-Dichloroethene	5.316	96	95102	24.850	ug/L	100
18) Methyl tert-butyl Ether	5.322	73	185150	24.856	ug/L	100
19) 1,1-Dichloroethane	6.110	63	179161	25.105	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	104205	25.009	ug/L	100
22) 2-Butanone	7.081	43	55405	48.765	ug/L	100
23) Bromochloromethane	7.428	128	51486	24.883	ug/L	100
25) Chloroform	7.599	83	198174	24.022	ug/L	100
27) 1,2-Dichloroethane	8.328	62	118739	24.648	ug/L	100
29) Cyclohexane	7.881	56	142277	25.874	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	160629	24.680	ug/L	100
31) Carbon tetrachloride	7.993	117	145534	25.466	ug/L	100
33) Benzene	8.252	78	417697	26.278	ug/L	100
34) Trichloroethene	9.028	95	106187	24.911	ug/L	100
35) Methylcyclohexane	9.275	83	161542	25.929	ug/L	100
37) 1,2-Dichloropropane	9.304	63	110874	24.970	ug/L	100
38) Bromodichloromethane	9.587	83	142239	25.138	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	163422	25.478	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	106373	50.737	ug/L	100
42) Toluene	10.334	91	464809	26.769	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	141732	25.654	ug/L	100

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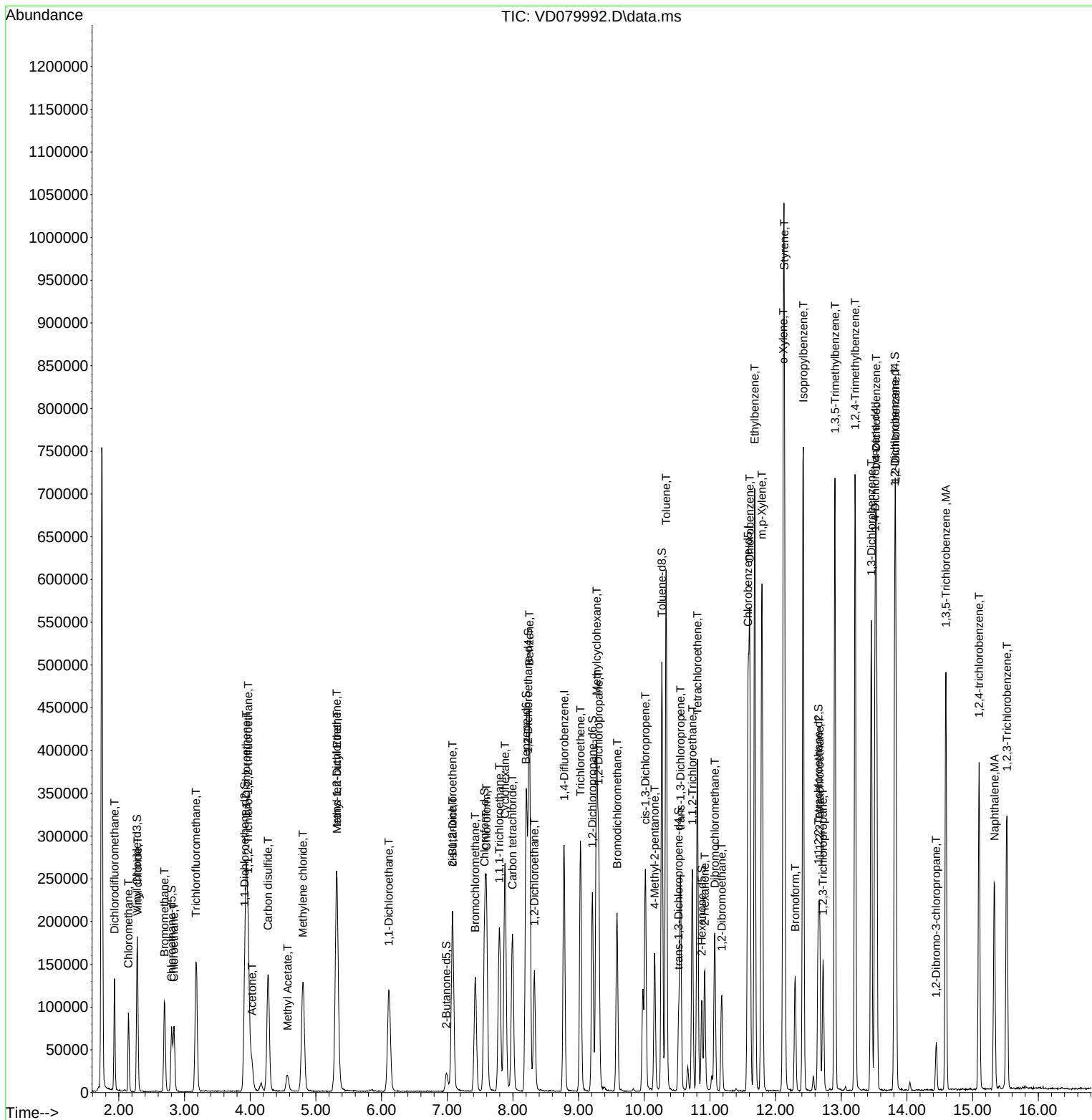
Instrument :
 MSVOA_D
 ClientSampleId :

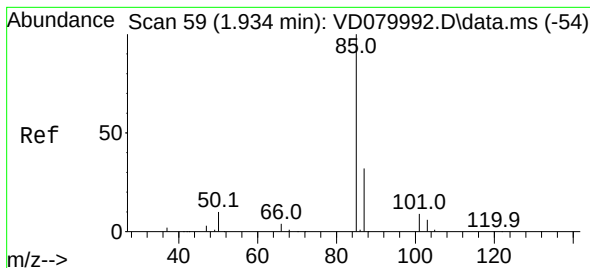
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	85841	25.376	ug/L	100
46) Tetrachloroethene	10.810	164	92815	25.599	ug/L	100
48) 2-Hexanone	10.922	43	88791	52.520	ug/L	100
49) Dibromochloromethane	11.075	129	102001	25.603	ug/L	100
50) 1,2-Dibromoethane	11.181	107	76724	24.858	ug/L	100
51) Chlorobenzene	11.604	112	287528	25.258	ug/L	100
52) Ethylbenzene	11.681	91	494400	26.384	ug/L	100
53) m,p-Xylene	11.793	106	190497	27.112	ug/L	100
54) o-Xylene	12.116	106	181304	27.073	ug/L	100
55) Styrene	12.134	104	330328	27.418	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	96453	24.548	ug/L	100
59) Bromoform	12.298	173	61668	24.281	ug/L	100
60) Isopropylbenzene	12.422	105	487189	25.900	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	66594	24.829	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	382873	25.916	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	383396	26.064	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	234773	25.427	ug/L	100
65) 1,4-Dichlorobenzene	13.534	146	240298	24.844	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	210905	24.722	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	14054	24.045	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	156527	25.097	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	126949	24.156	ug/L	100
71) Naphthalene	15.333	128	218843	24.374	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	115963	24.994	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 23.718 ug/L

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

Instrument :

MSVOA_D

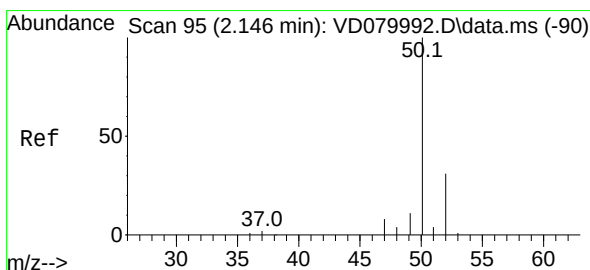
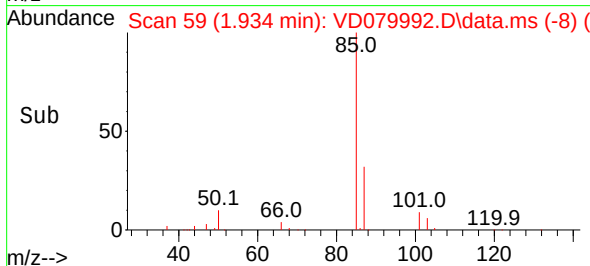
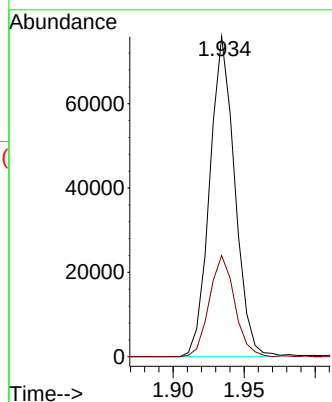
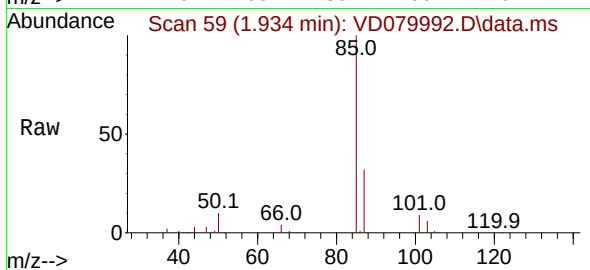
ClientSampleId :

Tgt Ion: 85 Resp: 93389

Ion Ratio Lower Upper

85 100

87 31.8 25.4 38.2



#3

Chloromethane

Concen: 22.946 ug/L

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD079992.D

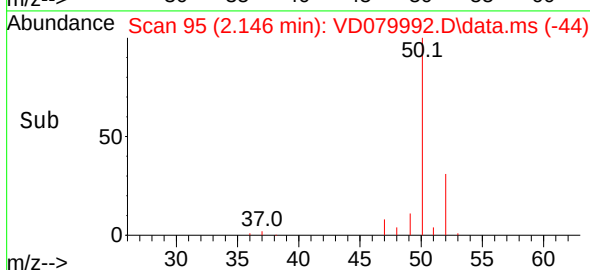
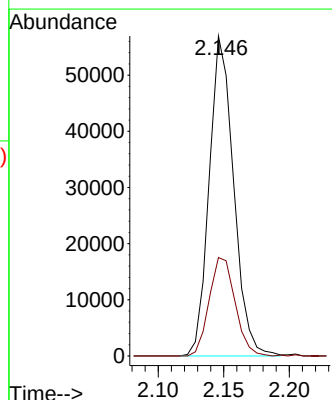
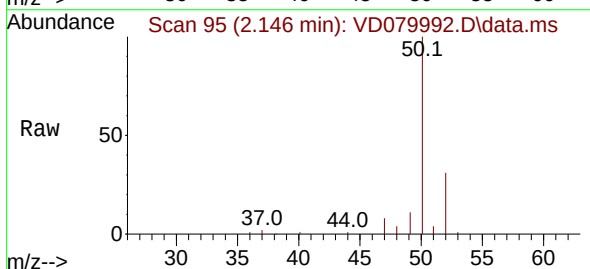
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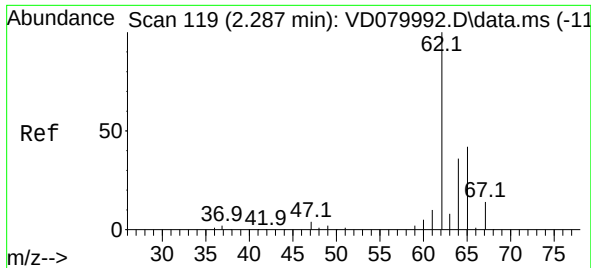
Tgt Ion: 50 Resp: 73898

Ion Ratio Lower Upper

50 100

52 30.8 21.6 40.0

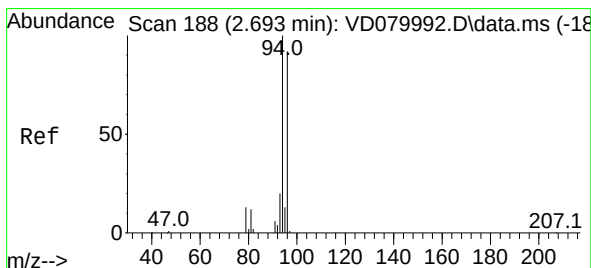
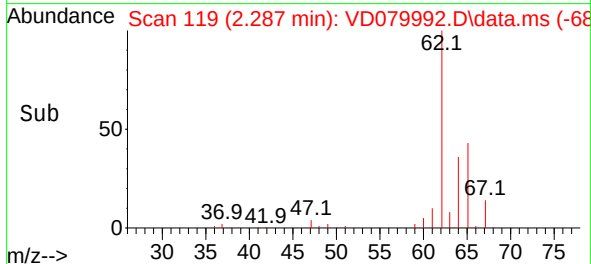
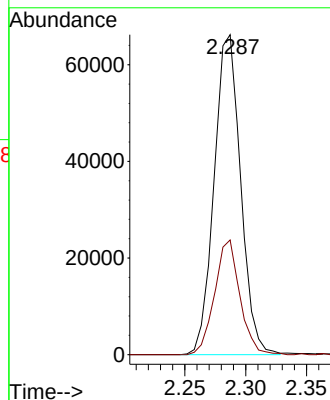
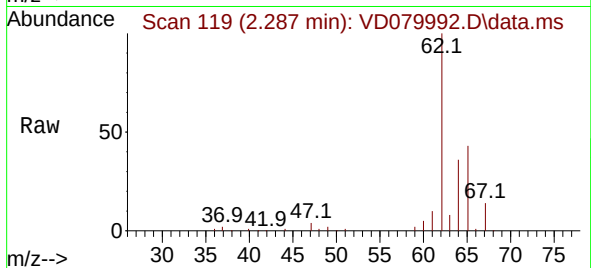




#5
 Vinyl chloride
 Concen: 24.778 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD079992.D
 Acq: 12 Nov 2024 11:02

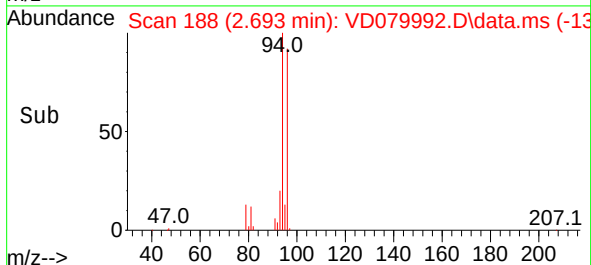
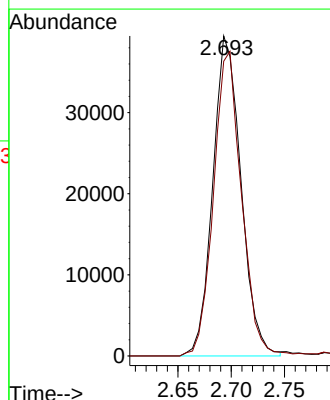
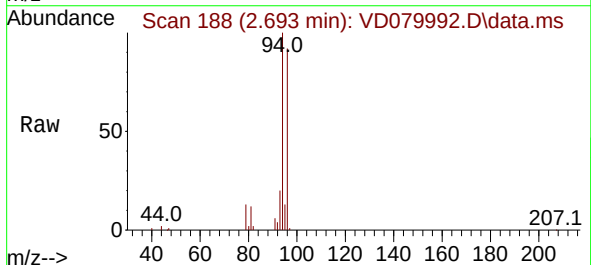
Instrument :
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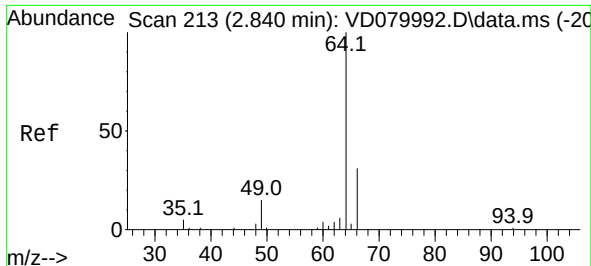
Tgt Ion: 62 Resp: 100183
 Ion Ratio Lower Upper
 62 100
 64 35.9 25.1 46.7



#6
 Bromomethane
 Concen: 25.364 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079992.D
 Acq: 12 Nov 2024 11:02

Tgt Ion: 94 Resp: 72457
 Ion Ratio Lower Upper
 94 100
 96 92.1 64.5 119.7

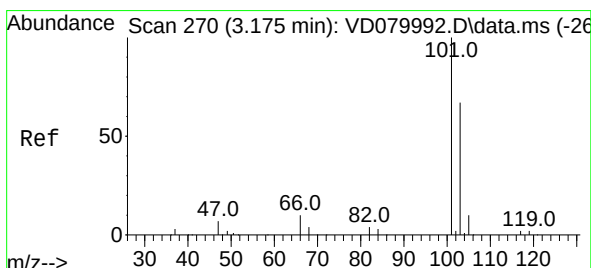
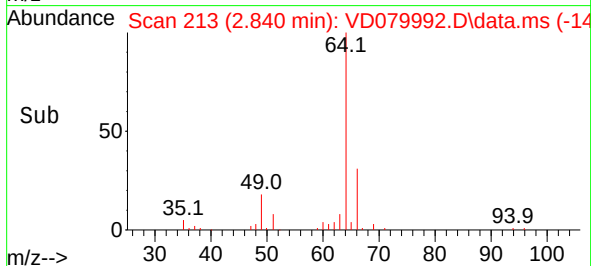
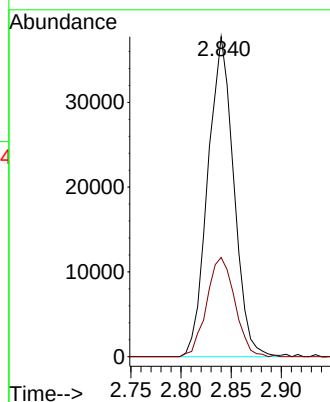
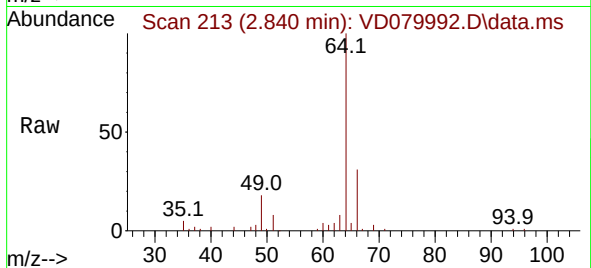




#8
Chloroethane
Concen: 26.449 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

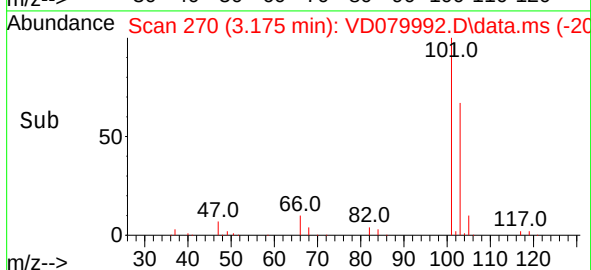
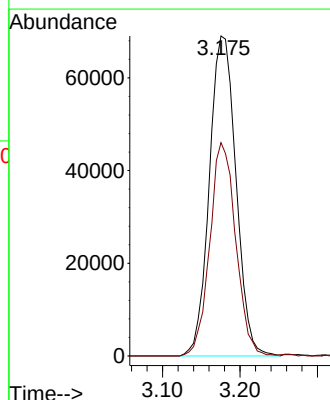
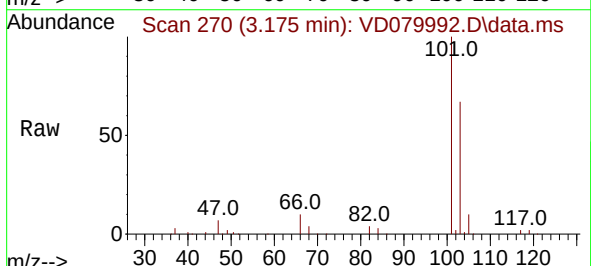
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MSVOA_D
ClientSampleId :

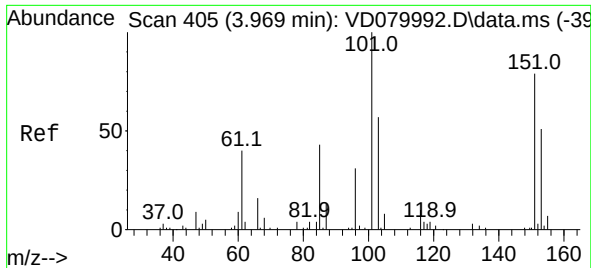
Tgt Ion: 64 Resp: 68093
Ion Ratio Lower Upper
64 100
66 31.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 24.400 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion:101 Resp: 165005
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.413 ug/L

RT: 3.969 min Scan# 405

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

Instrument :

MSVOA_D

ClientSampleId :

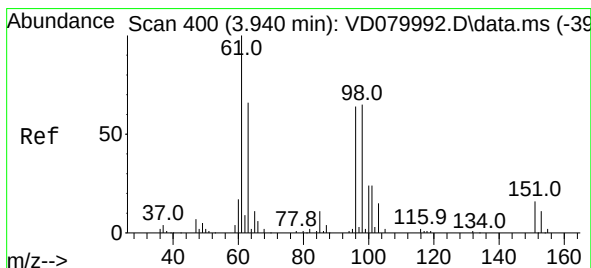
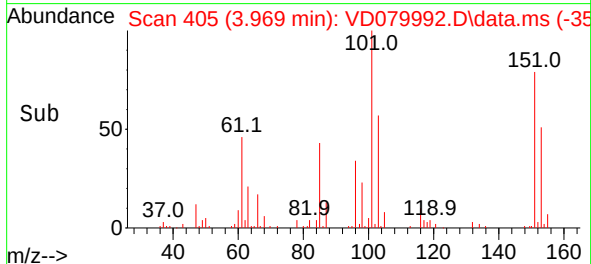
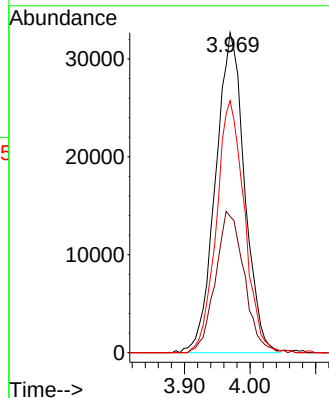
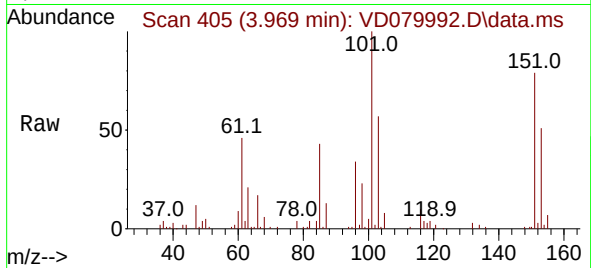
Tgt Ion:101 Resp: 100331

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

151 75.9 60.7 91.1



#12

1,1-Dichloroethene

Concen: 24.410 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

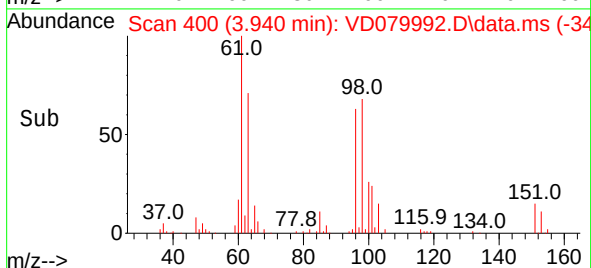
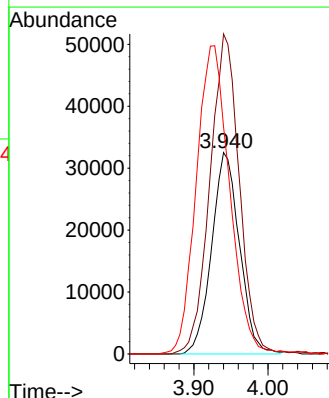
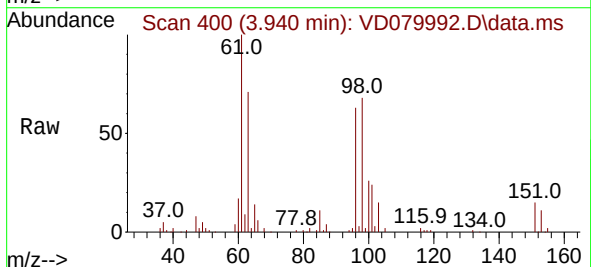
Tgt Ion: 96 Resp: 84684

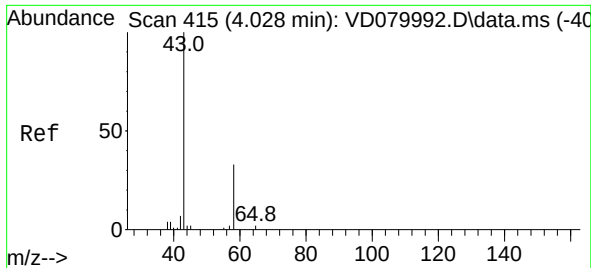
Ion Ratio Lower Upper

96 100

61 158.9 111.2 206.6

63 112.7 78.9 146.5

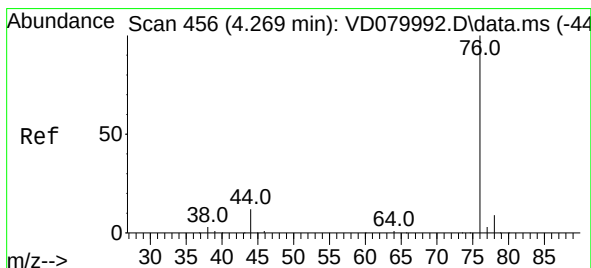
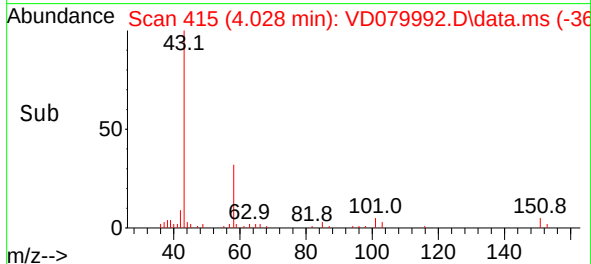
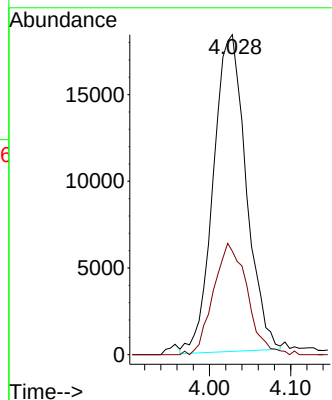
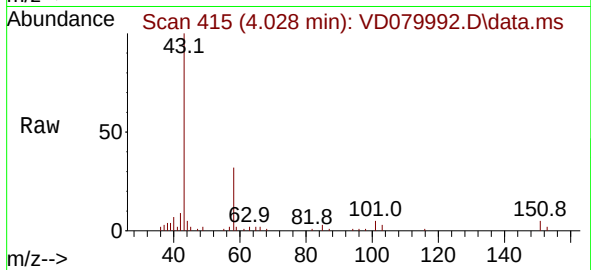




#13
Acetone
Concen: 53.044 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

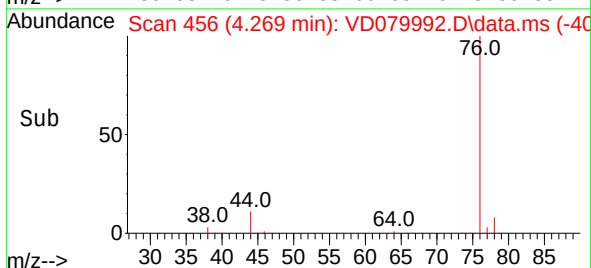
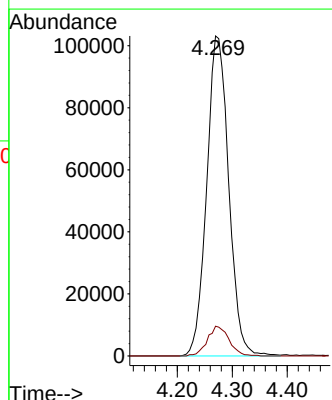
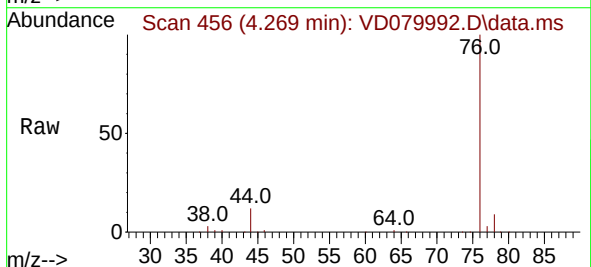
Instrument :
MSVOA_D
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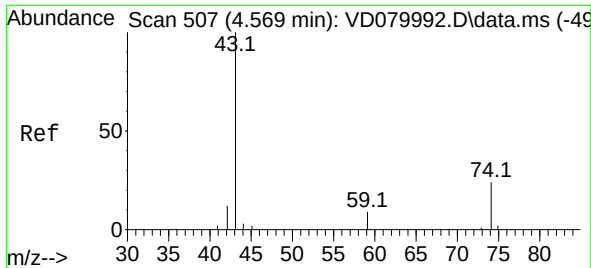
Tgt Ion: 43 Resp: 51448
Ion Ratio Lower Upper
43 100
58 35.9 0.0 71.8



#14
Carbon disulfide
Concen: 24.774 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion: 76 Resp: 287090
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

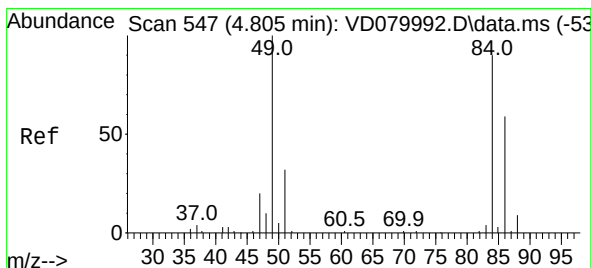
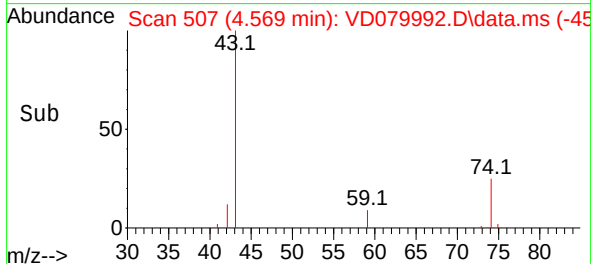
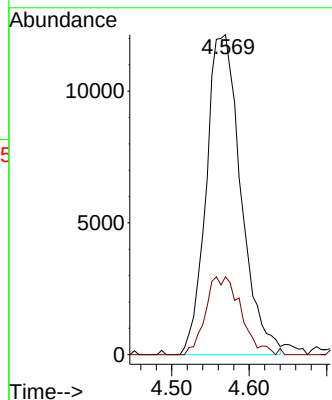
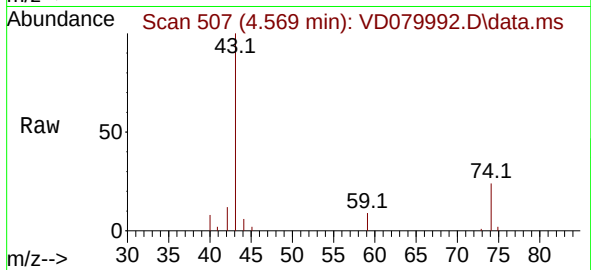




#15
Methyl Acetate
Concen: 25.025 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

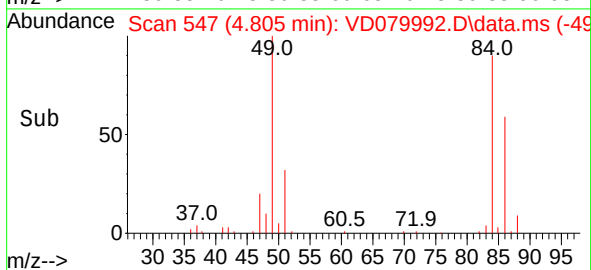
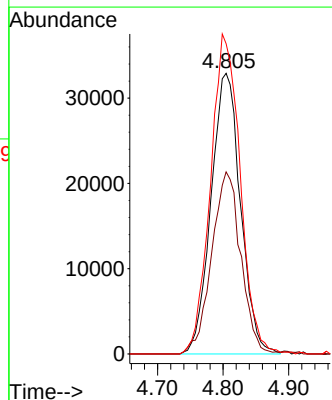
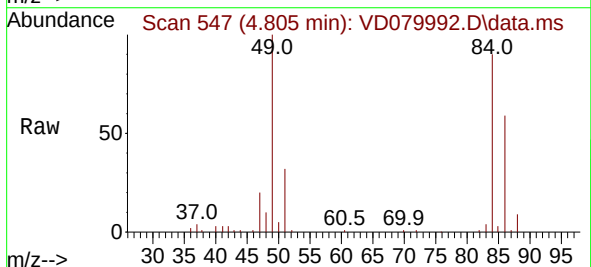
Instrument :
MSVOA_D
ClientSampleId :

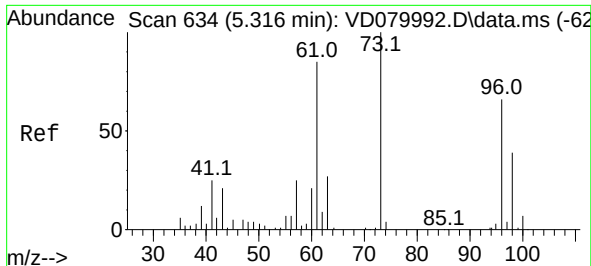
Tgt Ion: 43 Resp: 37741
Ion Ratio Lower Upper
43 100
74 11.9 0.2 0.2#



#16
Methylene chloride
Concen: 23.892 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion: 84 Resp: 102647
Ion Ratio Lower Upper
84 100
86 64.9 45.4 84.4
49 110.5 77.3 143.7





#17

trans-1,2-Dichloroethene

Concen: 24.850 ug/L

RT: 5.316 min Scan# 634

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

Instrument :

MSVOA_D

ClientSampleId :

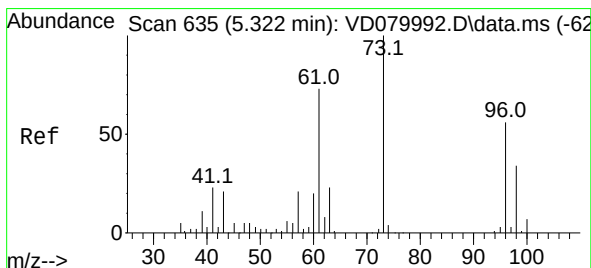
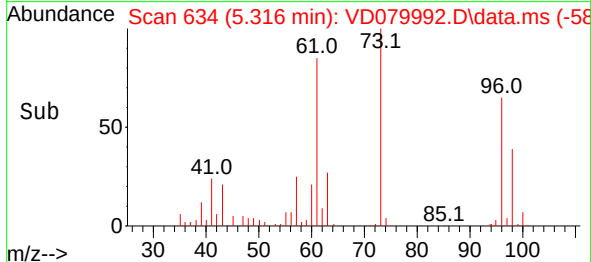
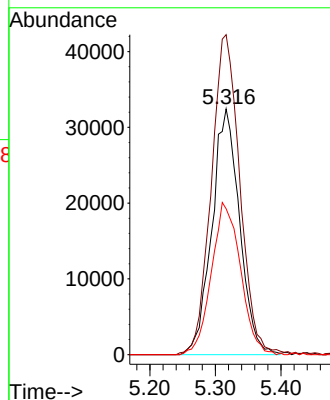
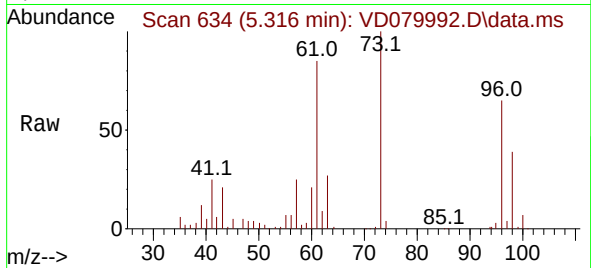
Tgt Ion: 96 Resp: 95102

Ion Ratio Lower Upper

96 100

61 130.2 91.1 169.3

98 59.4 41.6 77.2



#18

Methyl tert-butyl Ether

Concen: 24.856 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

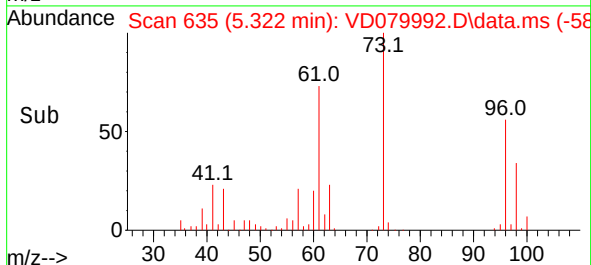
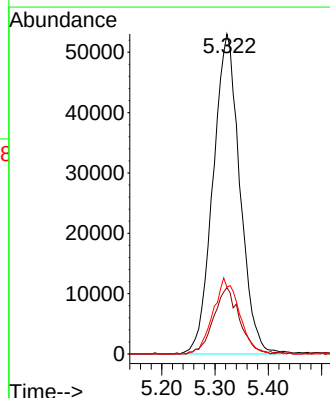
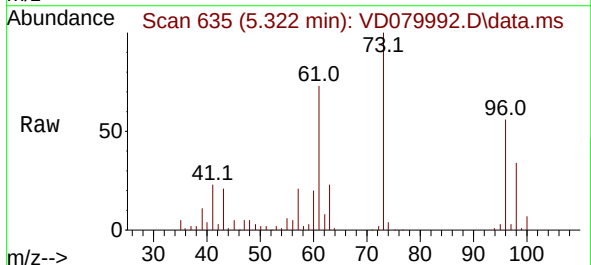
Tgt Ion: 73 Resp: 185150

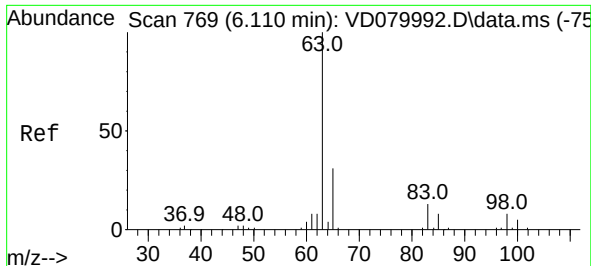
Ion Ratio Lower Upper

73 100

43 20.1 16.1 24.1

57 23.1 18.5 27.7

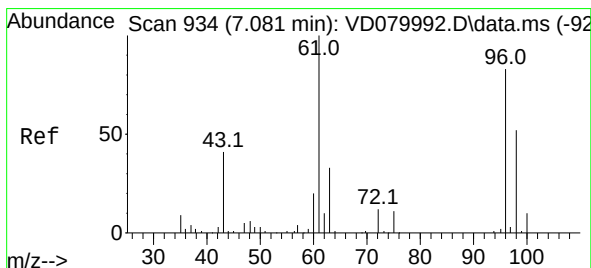
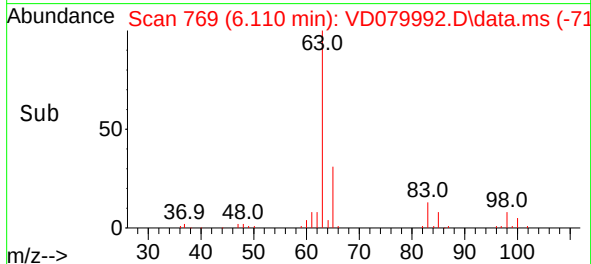
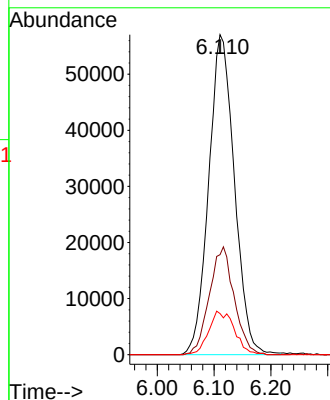
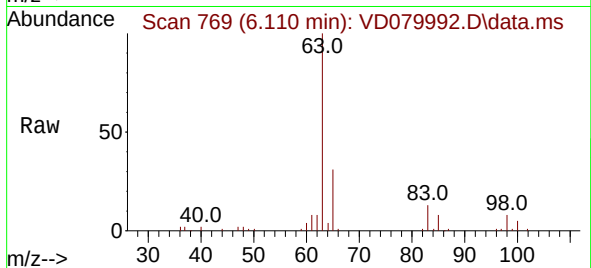




#19
1,1-Dichloroethane
Concen: 25.105 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

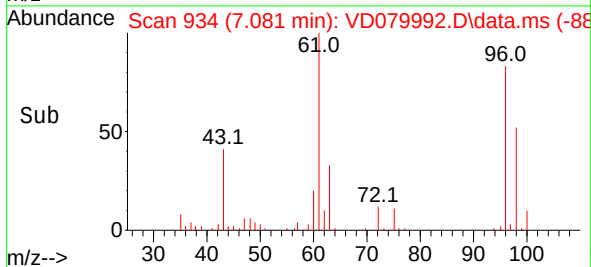
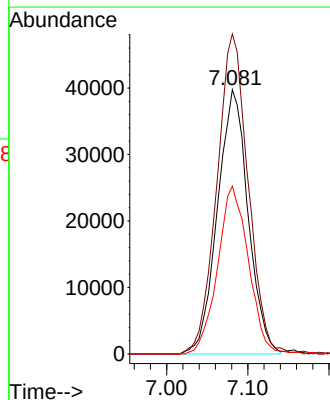
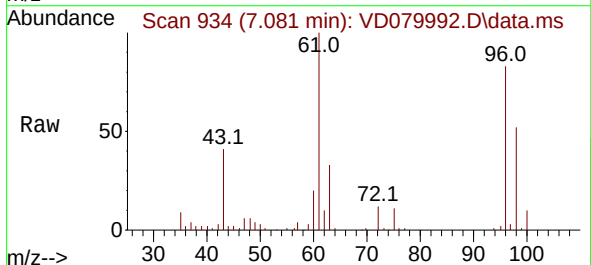
Instrument :
MSVOA_D
ClientSampleId :

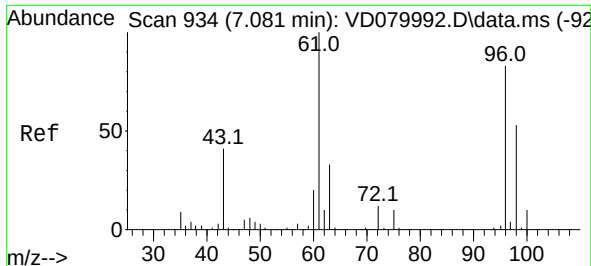
Tgt Ion: 63 Resp: 179161
Ion Ratio Lower Upper
63 100
65 31.3 21.9 40.7
83 12.8 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 25.009 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion: 96 Resp: 104205
Ion Ratio Lower Upper
96 100
61 121.1 84.8 157.4
98 63.5 44.4 82.5

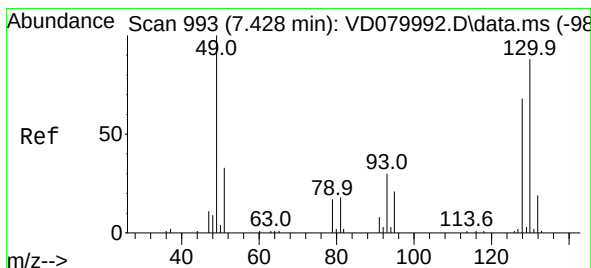
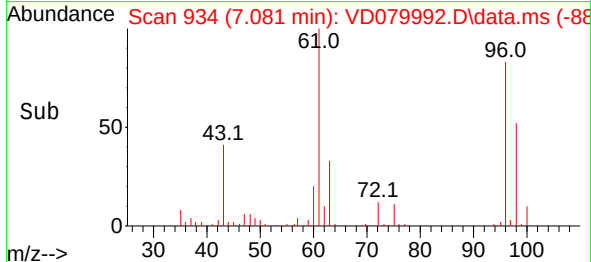
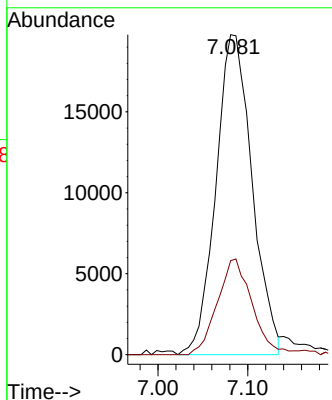
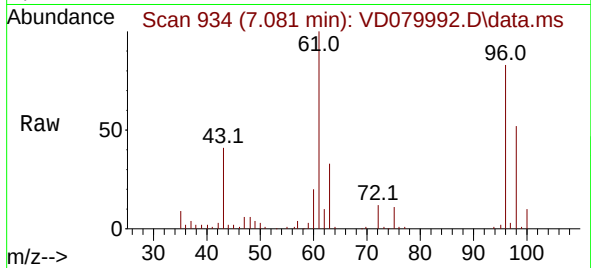




#22
2-Butanone
Concen: 48.765 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

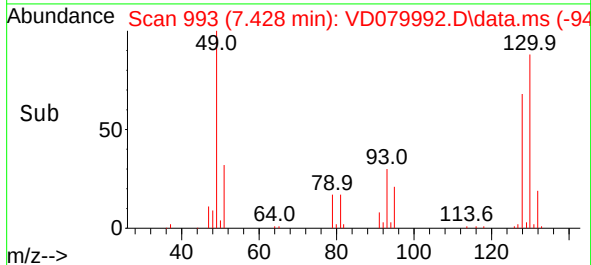
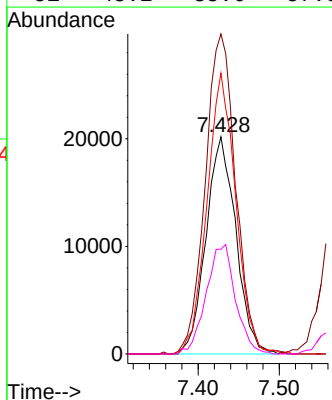
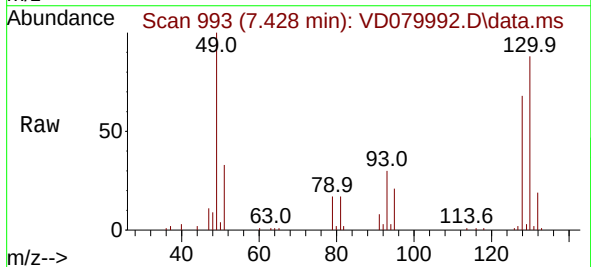
Instrument :
MSVOA_D
ClientSampleId :

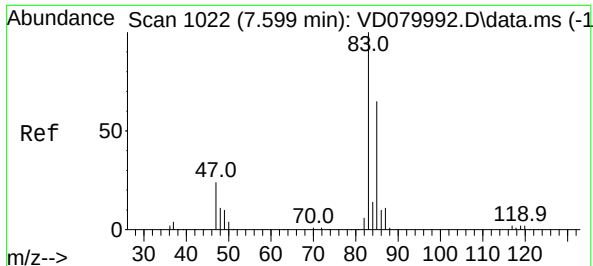
Tgt Ion: 43 Resp: 55405
Ion Ratio Lower Upper
43 100
72 28.6 14.3 42.9



#23
Bromochloromethane
Concen: 24.883 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion:128 Resp: 51486
Ion Ratio Lower Upper
128 100
49 147.4 103.2 191.6
130 129.4 90.6 168.2
51 48.2 38.6 57.8

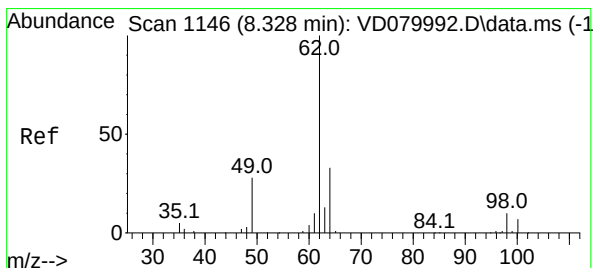
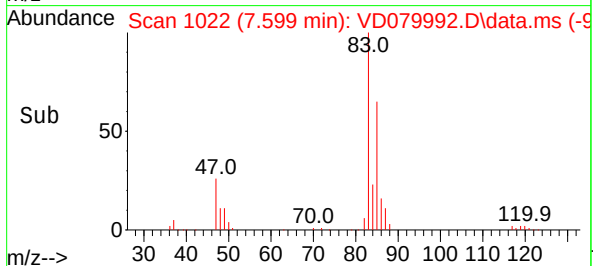
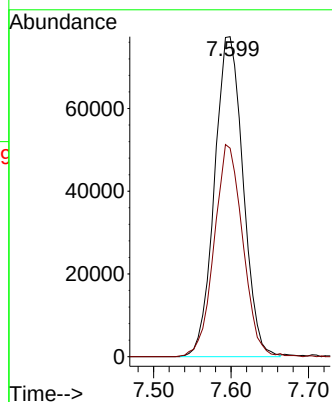
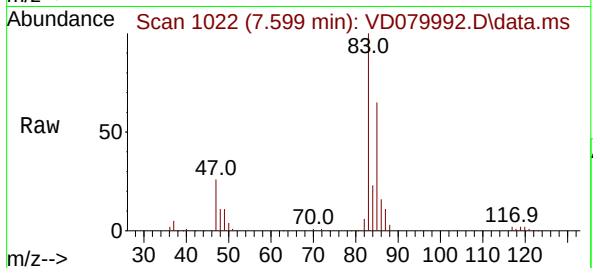




#25
Chloroform
Concen: 24.022 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

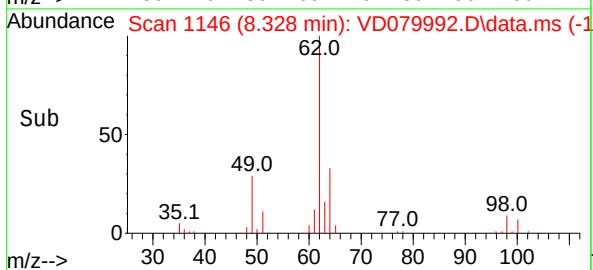
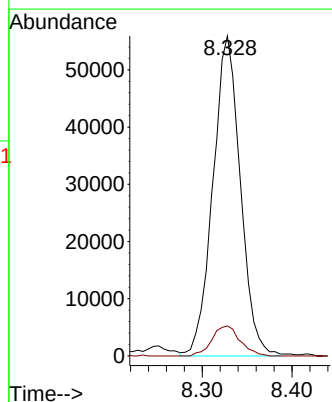
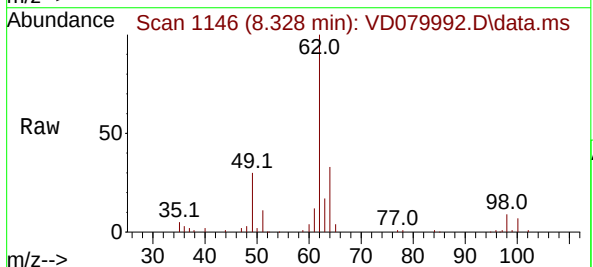
Instrument :
MSVOA_D
ClientSampleId :

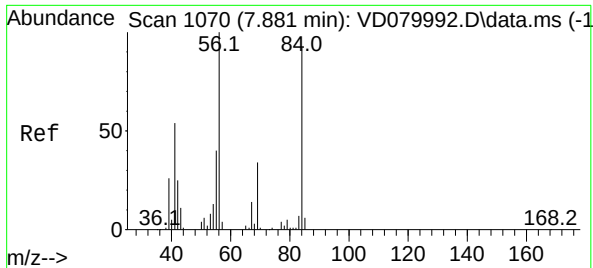
Tgt Ion: 83 Resp: 198174
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 24.648 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion: 62 Resp: 118739
Ion Ratio Lower Upper
62 100
98 9.4 7.5 11.3

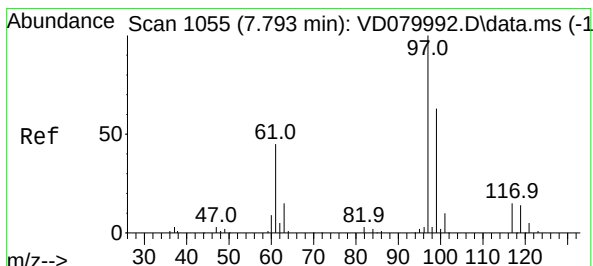
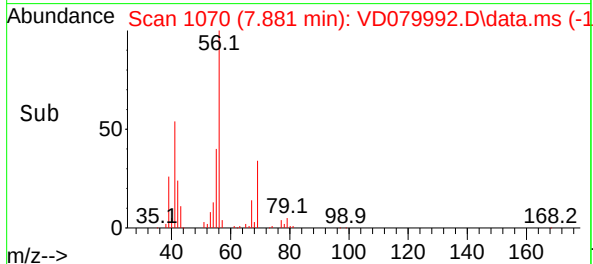
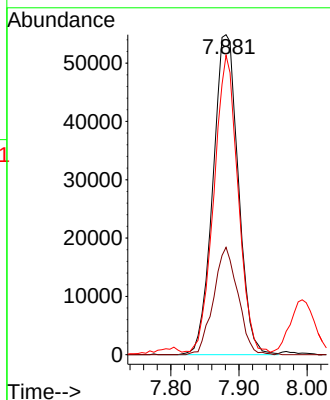
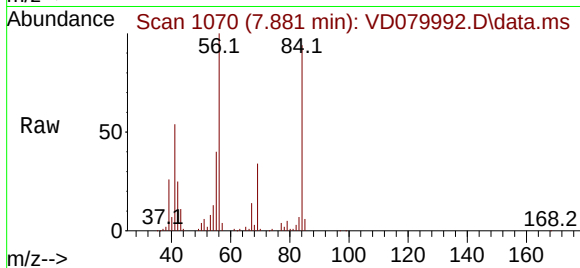




#29
Cyclohexane
Concen: 25.874 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

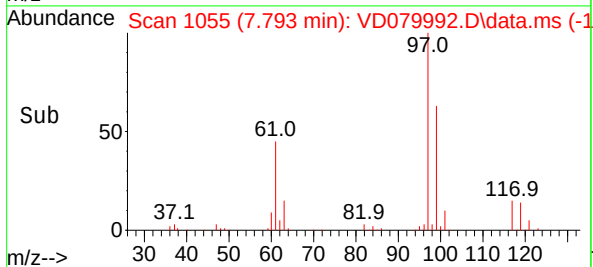
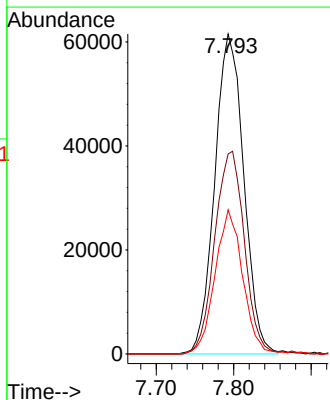
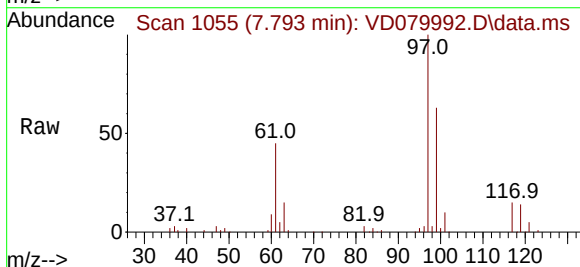
Instrument :
MSVOA_D
ClientSampleId :

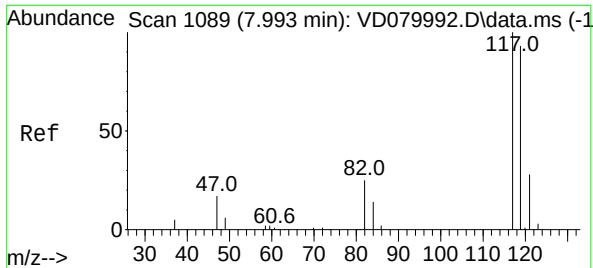
Tgt Ion: 56 Resp: 142277
Ion Ratio Lower Upper
56 100
69 32.0 25.6 38.4
84 88.8 71.0 106.6



#30
1,1,1-Trichloroethane
Concen: 24.680 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion: 97 Resp: 160629
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 42.9 34.3 51.5

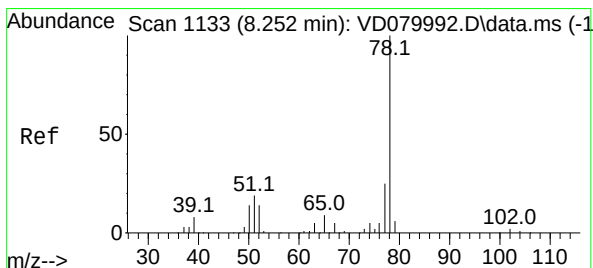
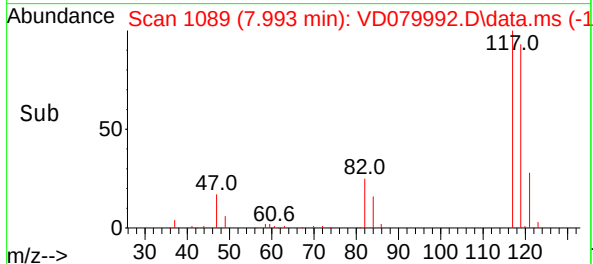
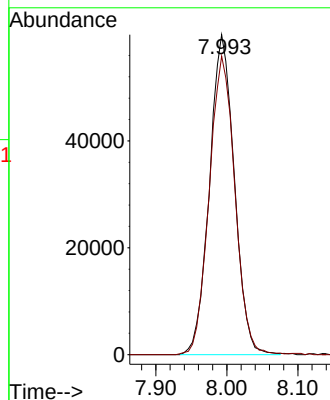
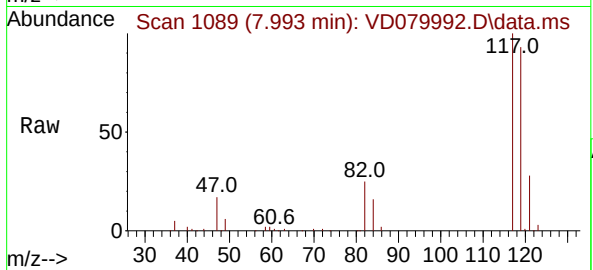




#31
Carbon tetrachloride
Concen: 25.466 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

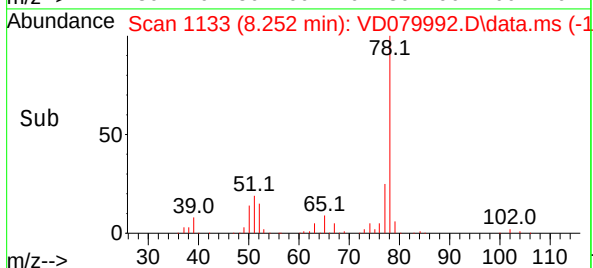
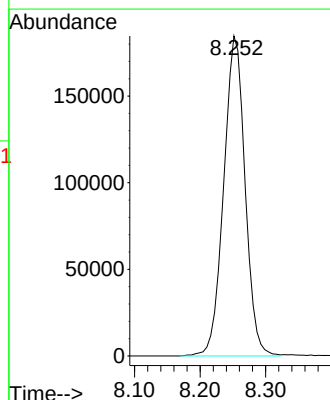
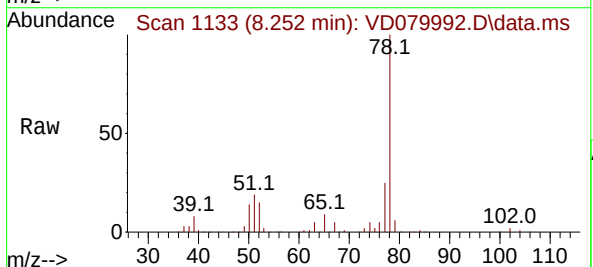
Instrument :
MSVOA_D
ClientSampleId :

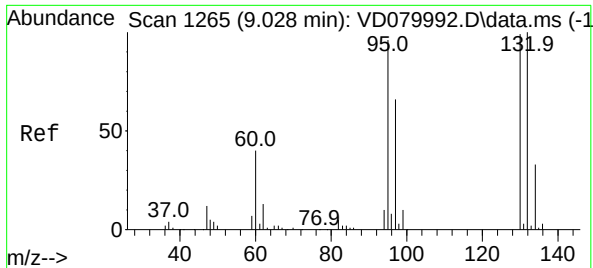
Tgt Ion:117 Resp: 145534
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2



#33
Benzene
Concen: 26.278 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion: 78 Resp: 417697





#34

Trichloroethene

Concen: 24.911 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 106187

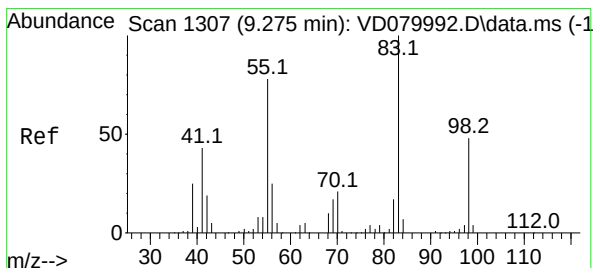
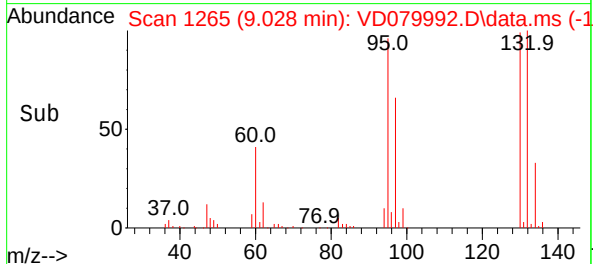
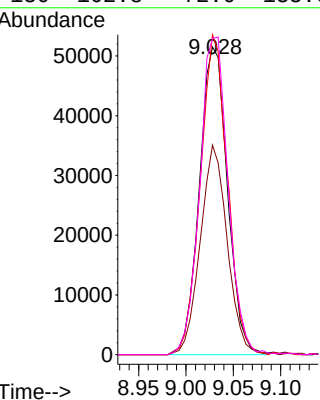
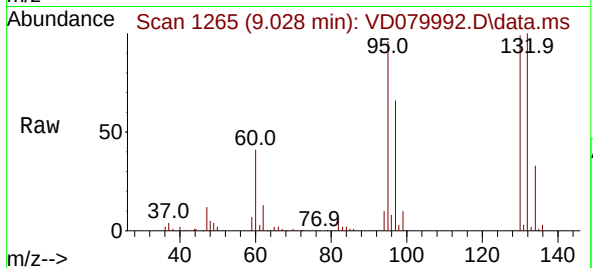
Ion Ratio Lower Upper

95 100

97 68.1 47.7 88.5

132 104.0 72.8 135.2

130 102.8 72.0 133.6



#35

Methylcyclohexane

Concen: 25.929 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

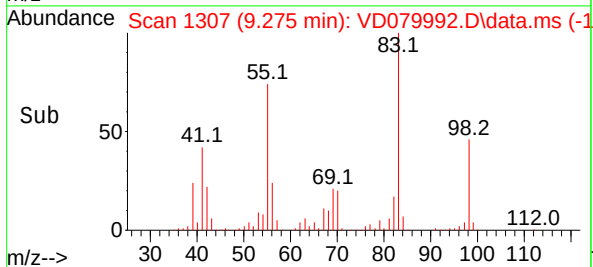
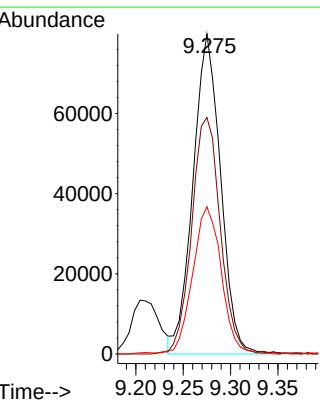
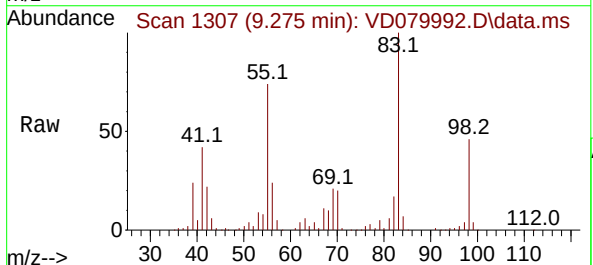
Tgt Ion: 83 Resp: 161542

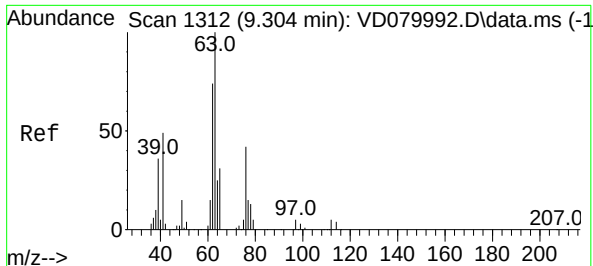
Ion Ratio Lower Upper

83 100

55 76.5 61.2 91.8

98 47.7 38.2 57.2

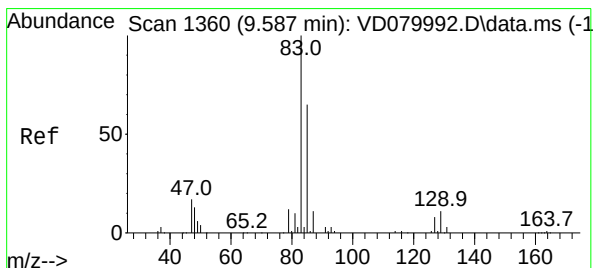
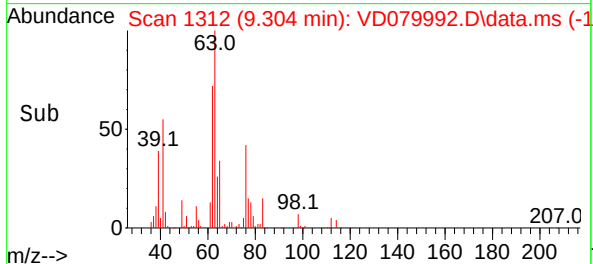
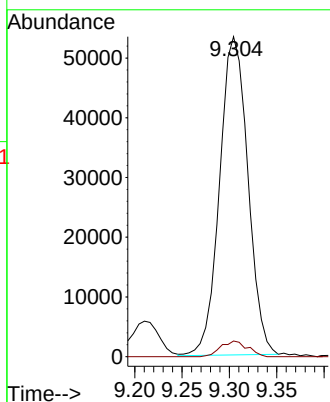
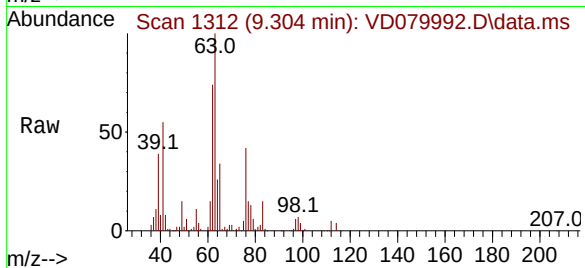




#37
1,2-Dichloropropane
Concen: 24.970 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

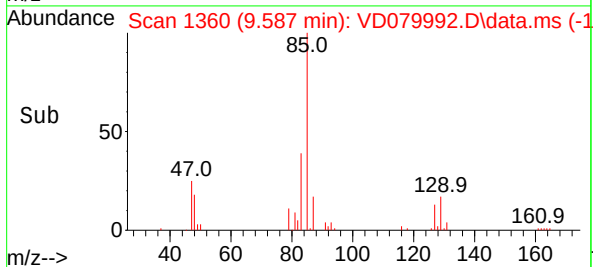
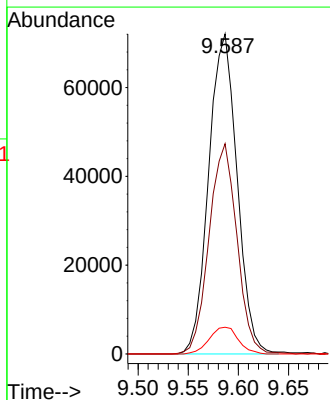
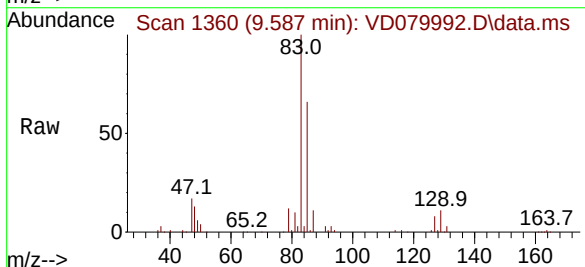
Instrument :
MSVOA_D
ClientSampleId :

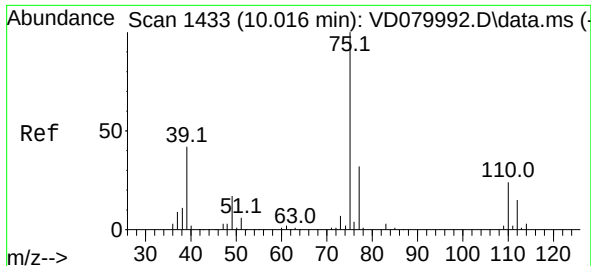
Tgt Ion: 63 Resp: 110874
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 25.138 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion: 83 Resp: 142239
Ion Ratio Lower Upper
83 100
85 65.7 46.0 85.4
127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 25.478 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

Instrument :

MSVOA_D

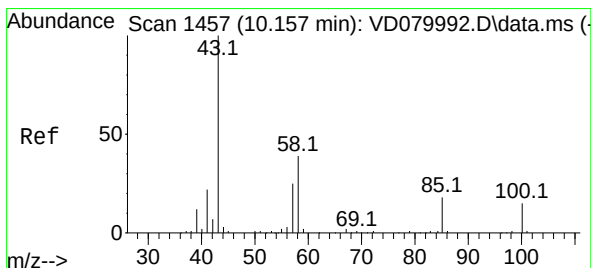
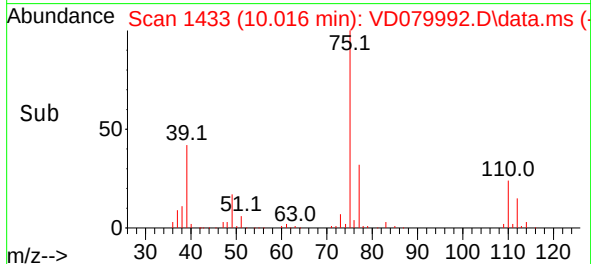
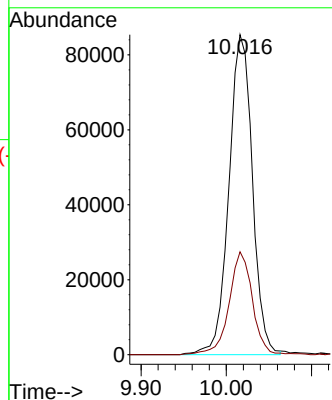
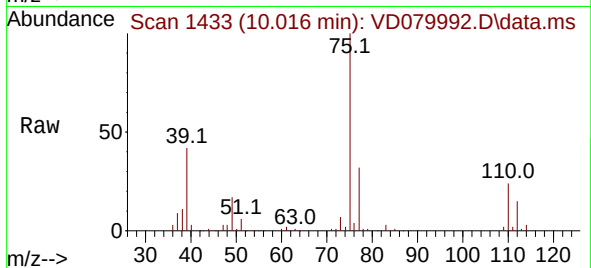
ClientSampleId :

Tgt Ion: 75 Resp: 163422

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 50.737 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

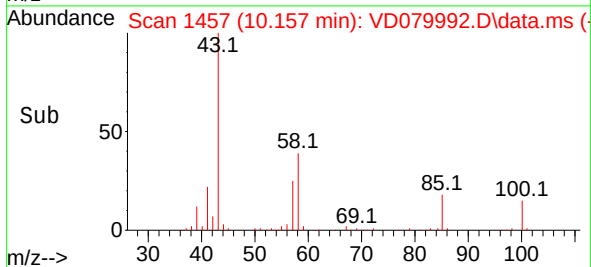
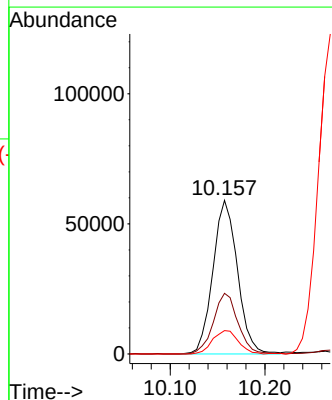
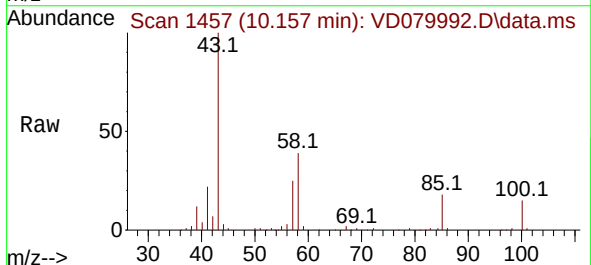
Tgt Ion: 43 Resp: 106373

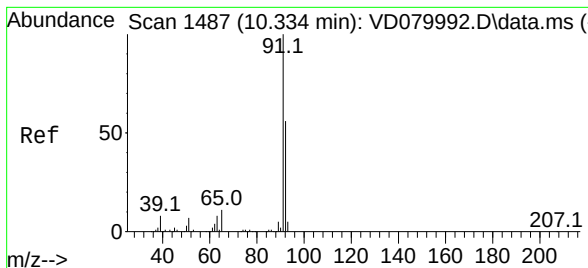
Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3

100 15.9 12.7 19.1





#42

Toluene

Concen: 26.769 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

Instrument :

MSVOA_D

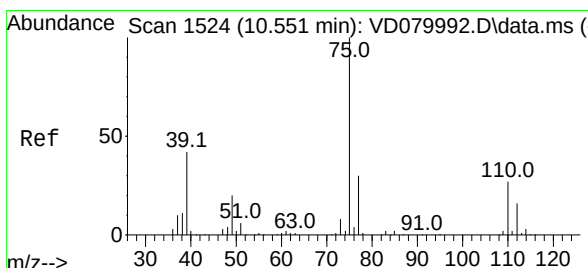
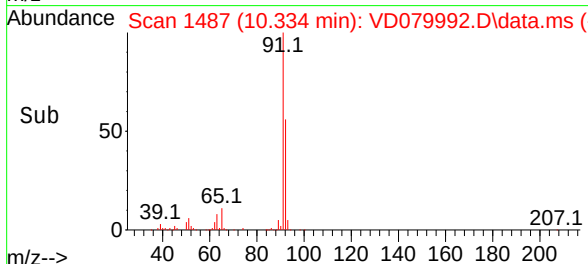
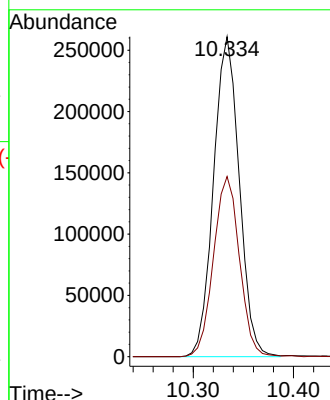
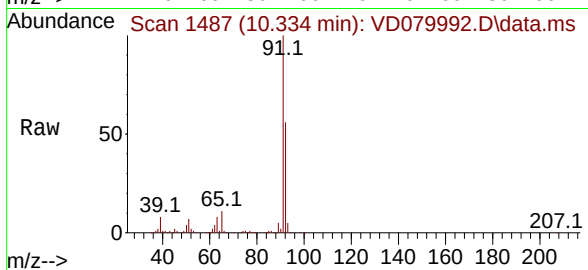
ClientSampleId :

Tgt Ion: 91 Resp: 464809

Ion Ratio Lower Upper

91 100

92 56.3 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 25.654 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079992.D

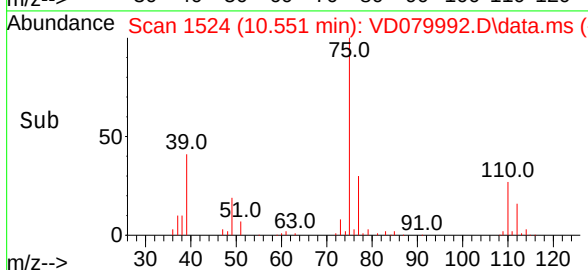
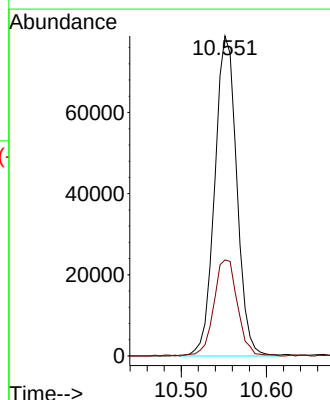
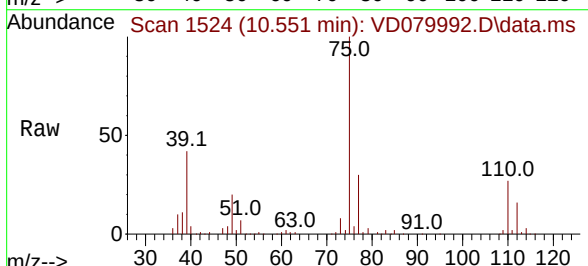
Acq: 12 Nov 2024 11:02

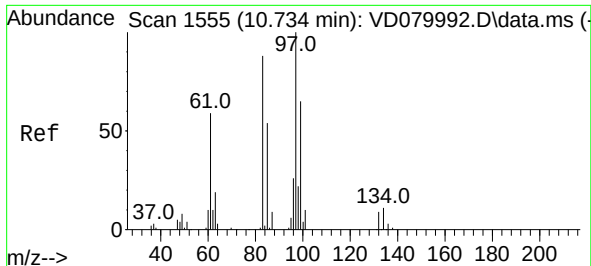
Tgt Ion: 75 Resp: 141732

Ion Ratio Lower Upper

75 100

77 30.0 21.0 39.0





#45

1,1,2-Trichloroethane

Concen: 25.376 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 85841

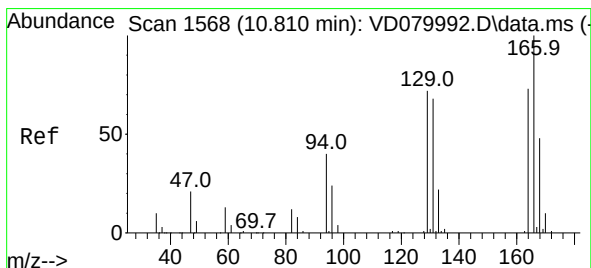
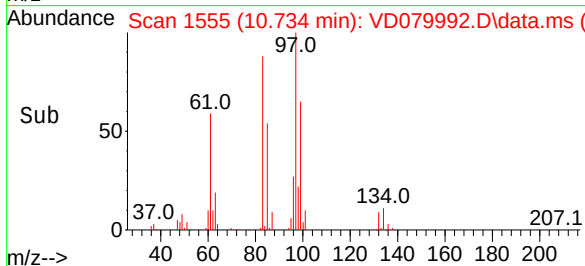
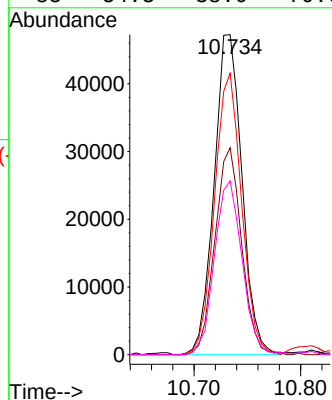
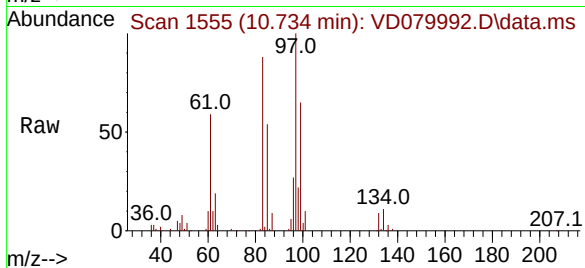
Ion Ratio Lower Upper

97 100

99 64.6 45.2 84.0

83 87.9 61.5 114.3

85 54.3 38.0 70.6



#46

Tetrachloroethene

Concen: 25.599 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

Tgt Ion:164 Resp: 92815

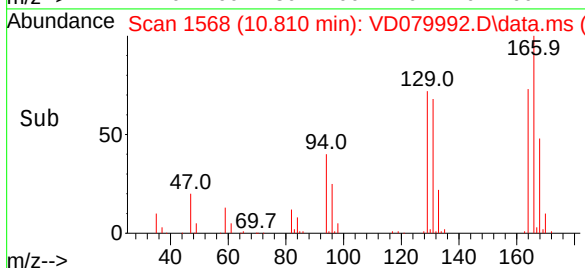
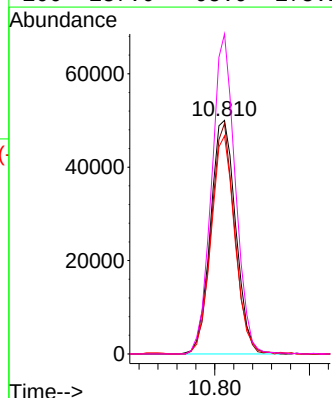
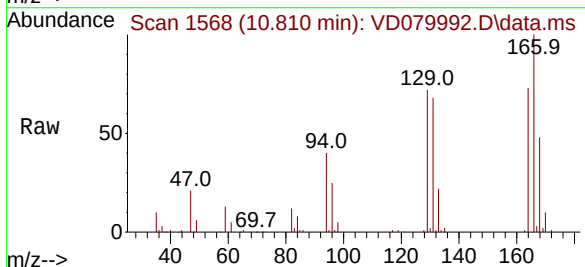
Ion Ratio Lower Upper

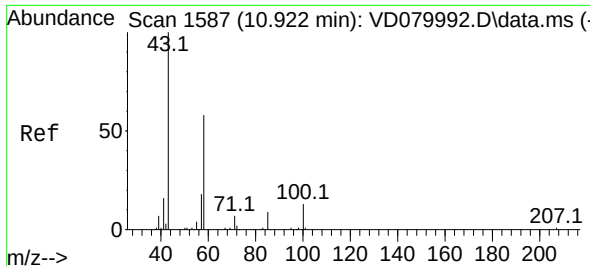
164 100

129 98.7 69.1 128.3

131 93.4 65.4 121.4

166 137.0 95.9 178.1



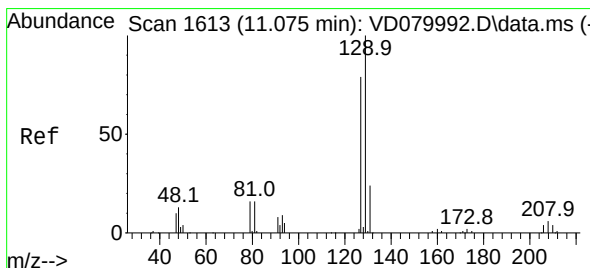
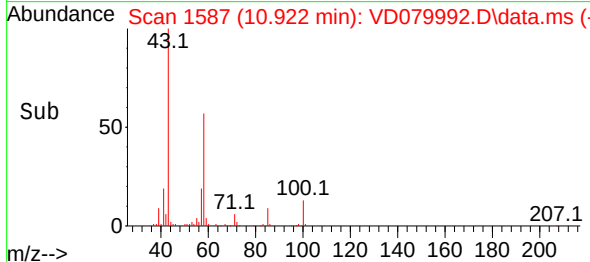
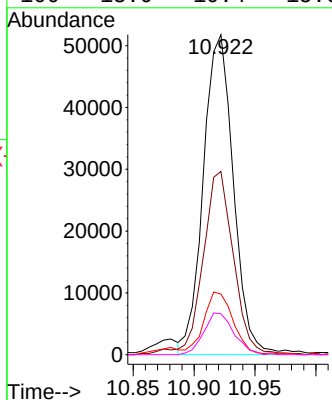
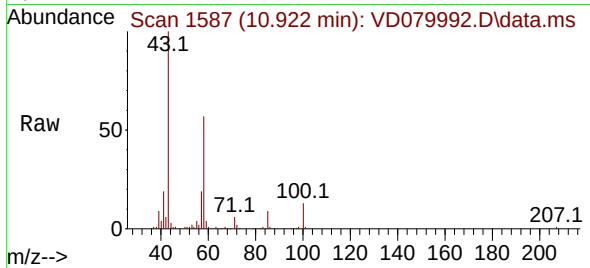


#48
2-Hexanone
Concen: 52.520 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 88791

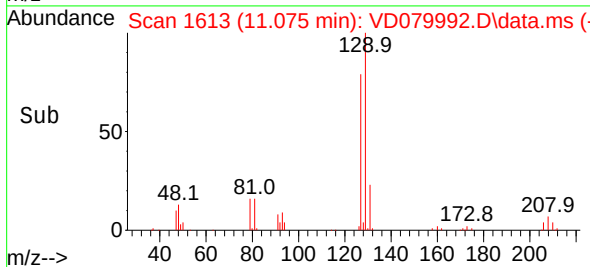
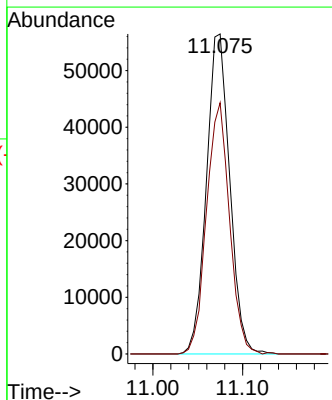
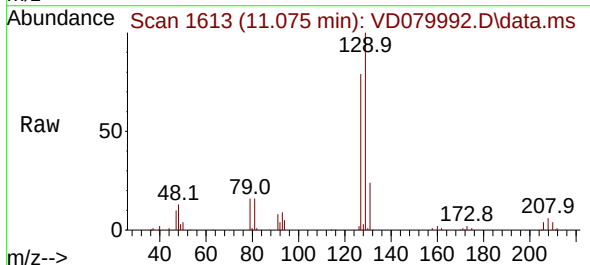
Ion	Ratio	Lower	Upper
43	100		
58	57.4	45.9	68.9
57	19.0	15.2	22.8
100	13.0	10.4	15.6

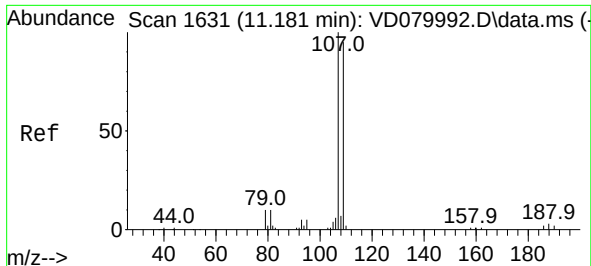


#49
Dibromochloromethane
Concen: 25.603 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion: 129 Resp: 102001

Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.9	102.1

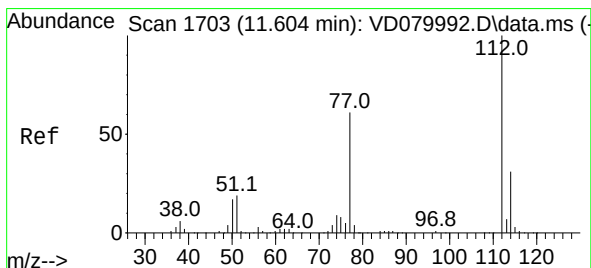
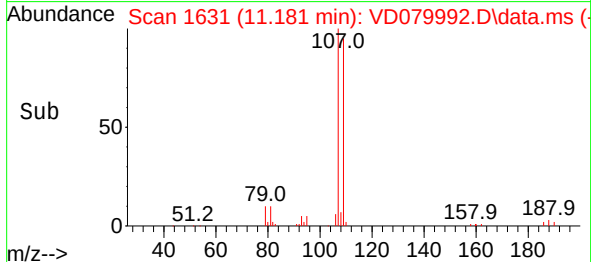
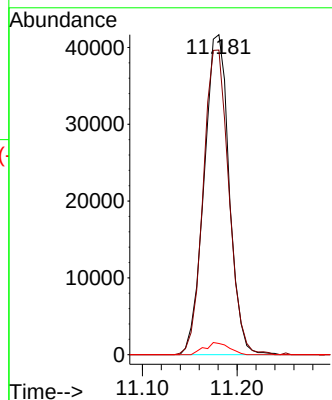
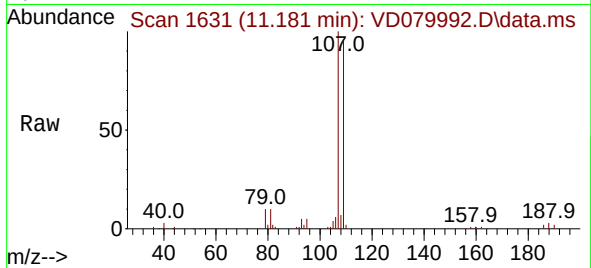




#50
1,2-Dibromoethane
Concen: 24.858 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

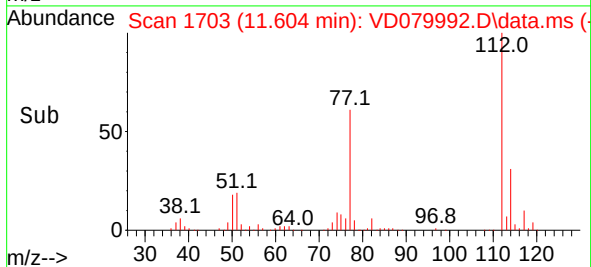
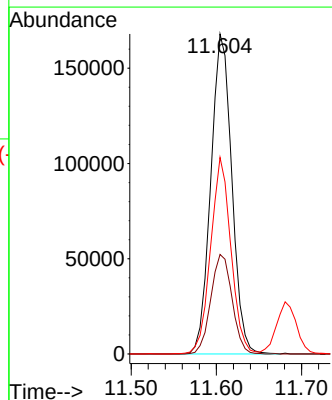
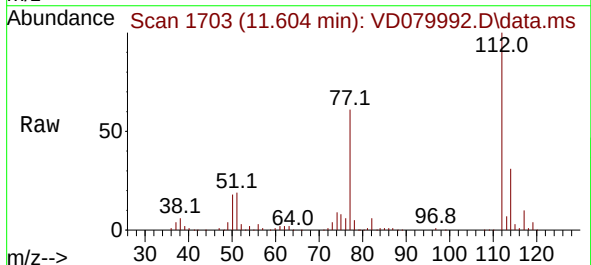
Instrument :
MSVOA_D
ClientSampleId :

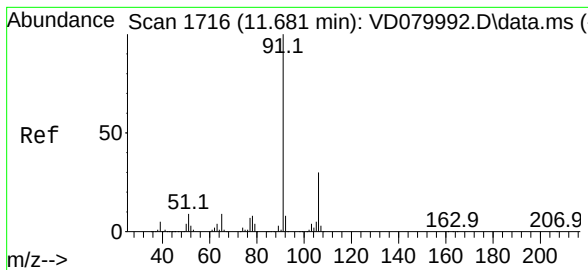
Tgt Ion:107 Resp: 76724
Ion Ratio Lower Upper
107 100
109 95.2 66.6 123.8
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 25.258 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion:112 Resp: 287528
Ion Ratio Lower Upper
112 100
114 31.1 21.8 40.4
77 61.4 49.1 73.7

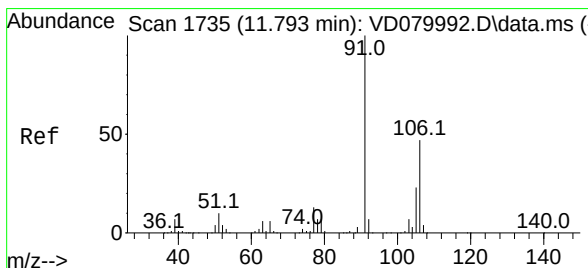
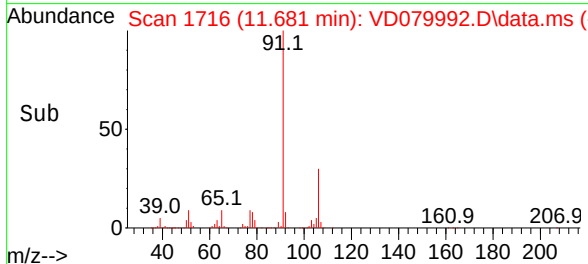
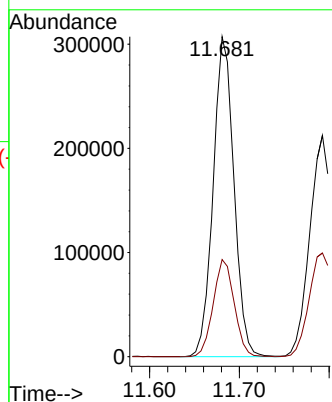
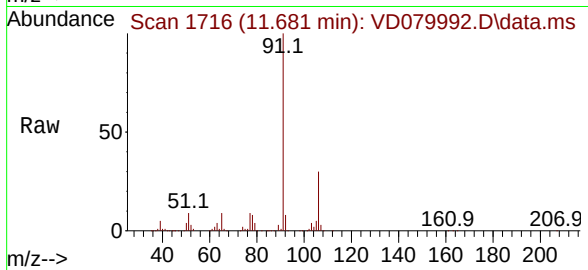




#52
Ethylbenzene
Concen: 26.384 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

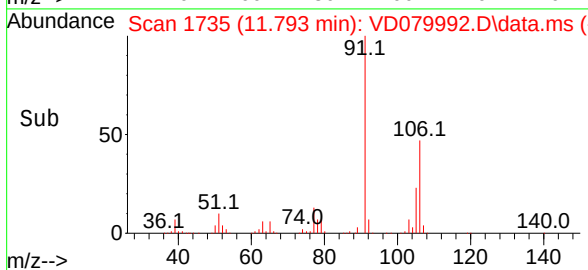
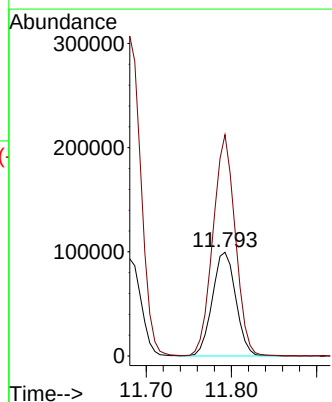
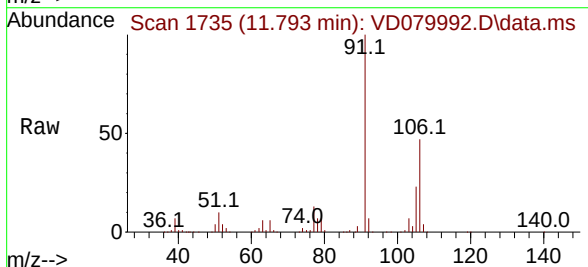
Instrument :
MSVOA_D
ClientSampleId :

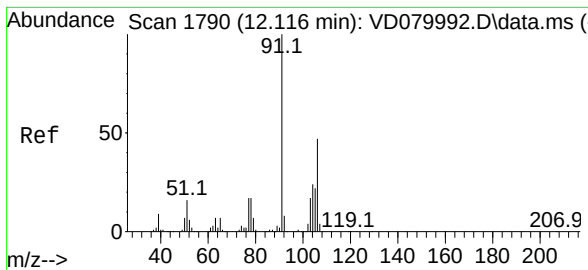
Tgt Ion: 91 Resp: 494400
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 27.112 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion:106 Resp: 190497
Ion Ratio Lower Upper
106 100
91 213.3 149.3 277.3

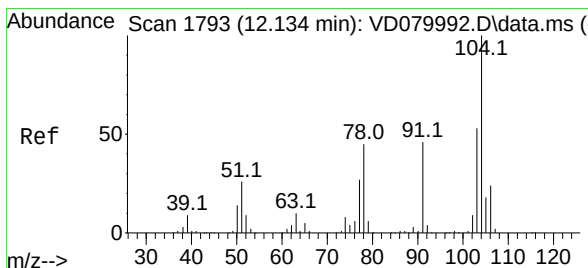
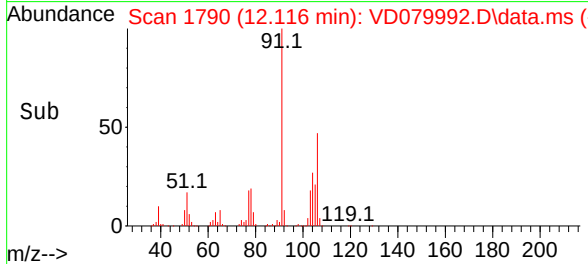
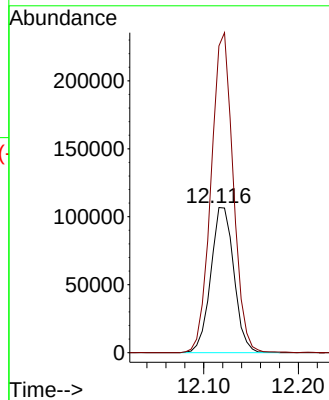
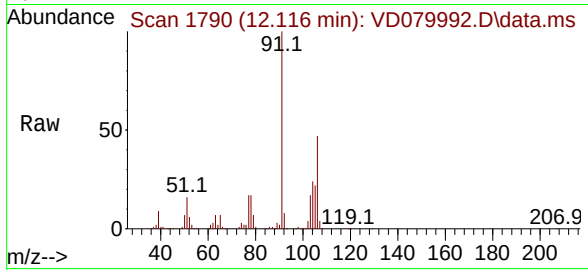




#54
o-Xylene
Concen: 27.073 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

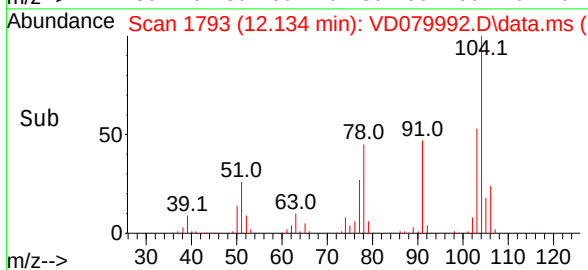
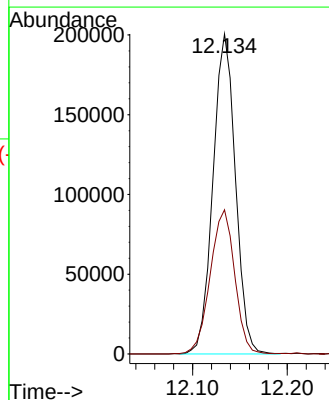
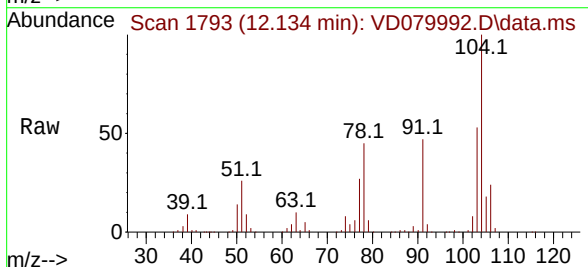
Instrument :
MSVOA_D
ClientSampleId :

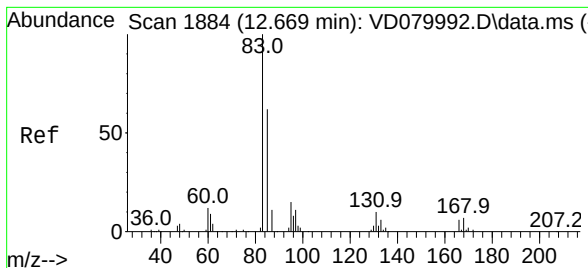
Tgt Ion:106 Resp: 181304
Ion Ratio Lower Upper
106 100
91 211.4 148.0 274.8



#55
Styrene
Concen: 27.418 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion:104 Resp: 330328
Ion Ratio Lower Upper
104 100
78 45.1 31.6 58.6

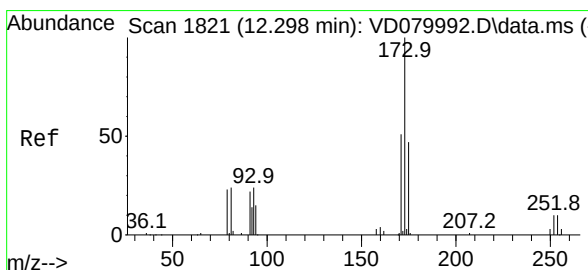
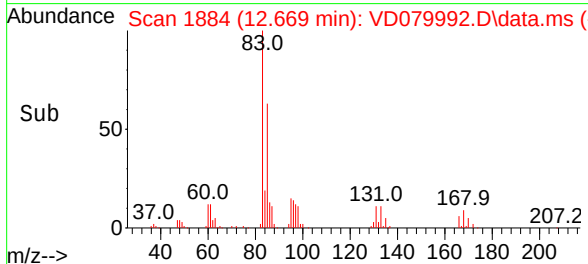
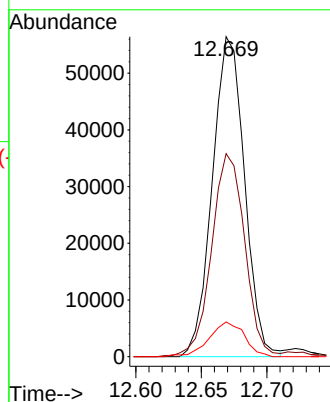
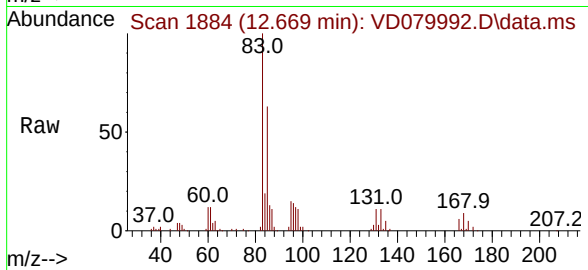




#57
1,1,2,2-Tetrachloroethane
Concen: 24.548 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

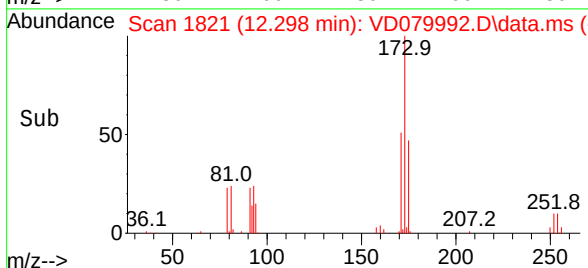
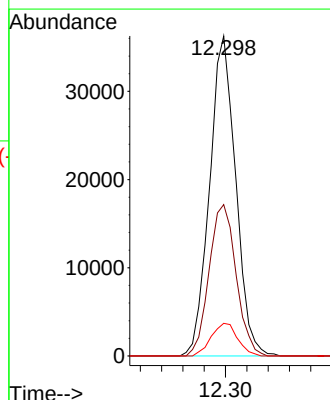
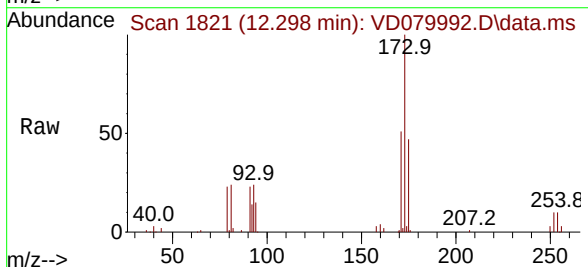
Instrument :
MSVOA_D
ClientSampleId :

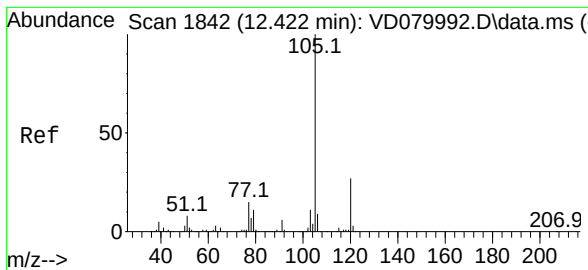
Tgt Ion:	83	Resp:	96453
Ion Ratio	Lower	Upper	
83	100		
85	63.4	44.4	82.4
131	10.8	8.6	13.0



#59
Bromoform
Concen: 24.281 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion:	173	Resp:	61668
Ion Ratio	Lower	Upper	
173	100		
175	48.8	39.0	58.6
254	10.4	8.3	12.5





#60

Isopropylbenzene

Concen: 25.900 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

Instrument :

MSVOA_D

ClientSampleId :

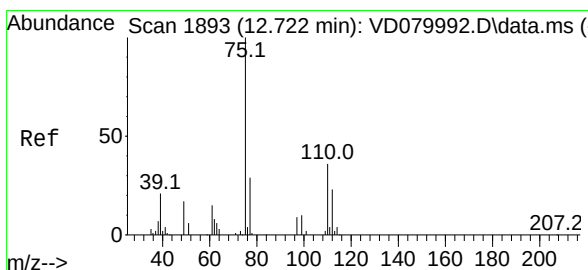
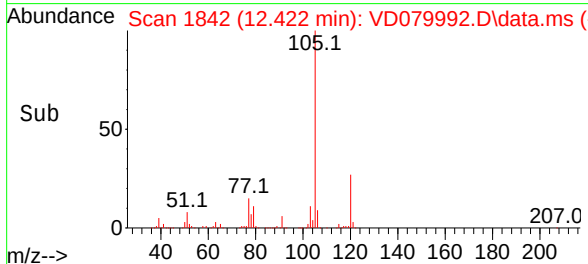
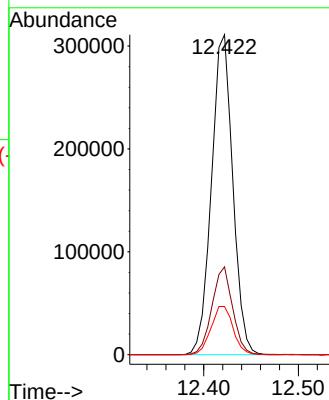
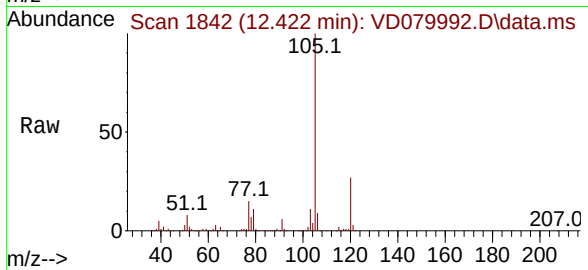
Tgt Ion:105 Resp: 487189

Ion Ratio Lower Upper

105 100

120 26.6 21.3 31.9

77 15.7 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 24.829 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079992.D

Acq: 12 Nov 2024 11:02

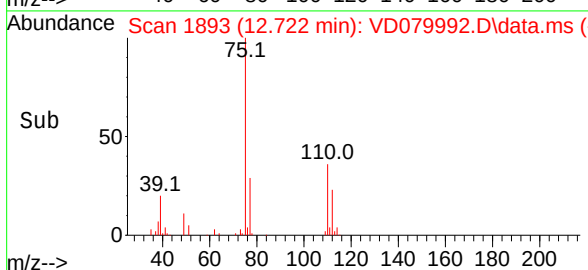
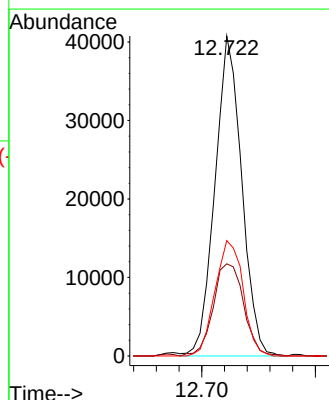
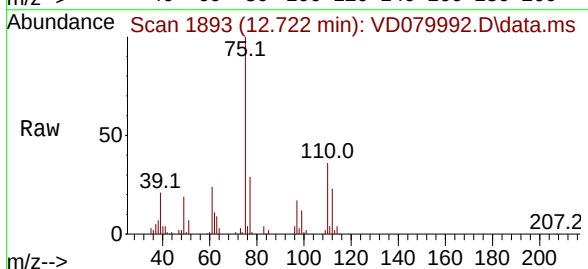
Tgt Ion: 75 Resp: 66594

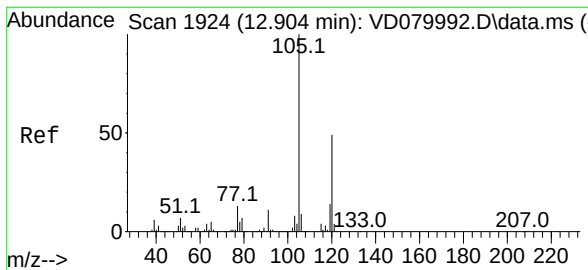
Ion Ratio Lower Upper

75 100

77 32.9 26.3 39.5

110 37.7 30.2 45.2

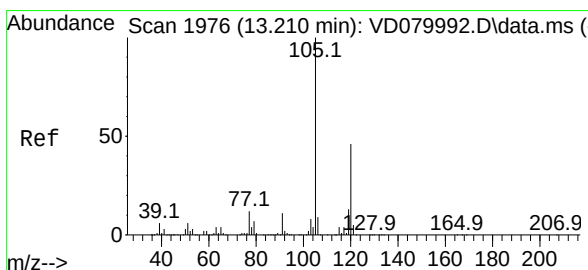
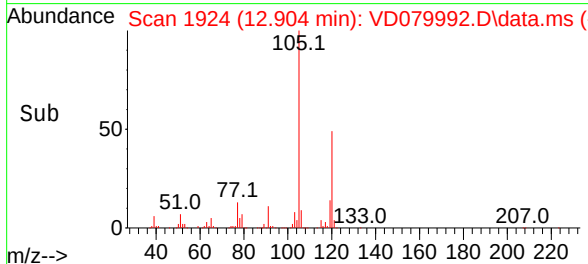
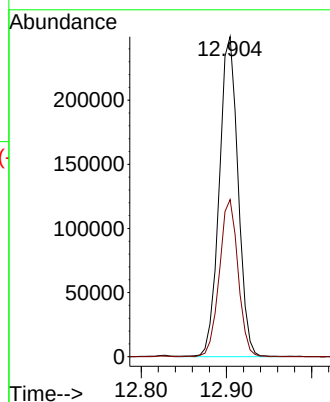
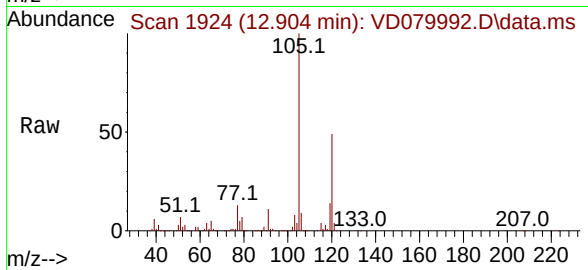




#62
1,3,5-Trimethylbenzene
Concen: 25.916 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

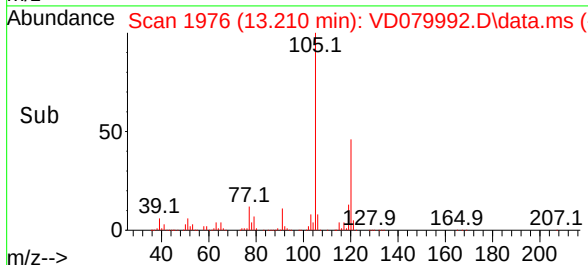
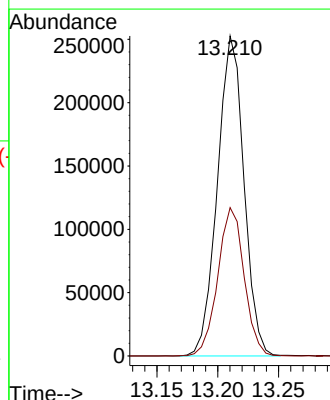
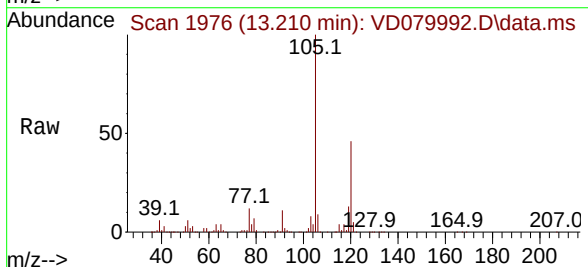
Instrument :
MSVOA_D
ClientSampleId :

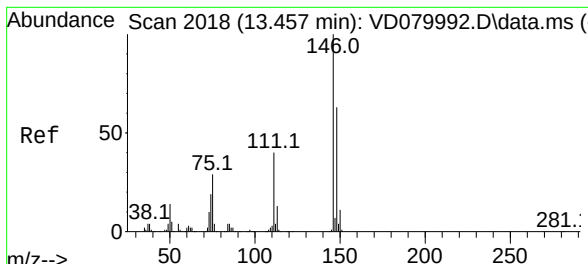
Tgt Ion:105 Resp: 382873
Ion Ratio Lower Upper
105 100
120 48.5 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 26.064 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion:105 Resp: 383396
Ion Ratio Lower Upper
105 100
120 46.0 36.8 55.2

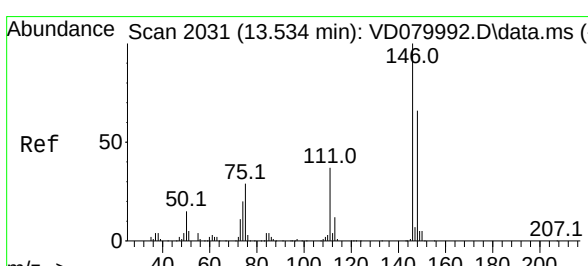
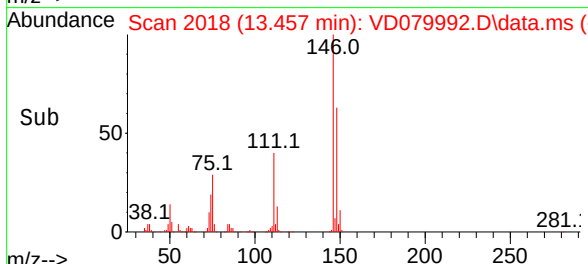
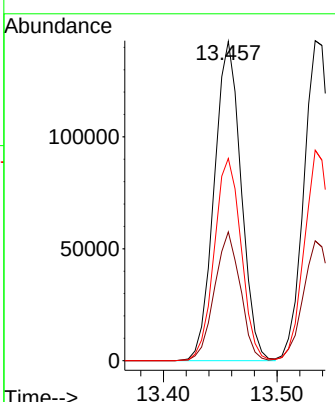
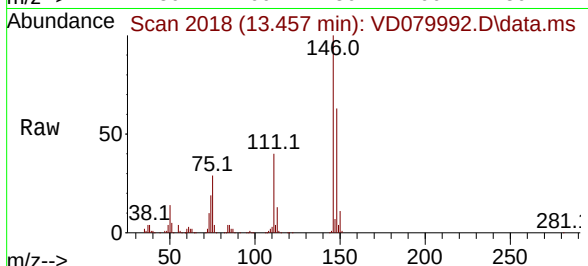




#64
 1,3-Dichlorobenzene
 Concen: 25.427 ug/L
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079992.D
 Acq: 12 Nov 2024 11:02

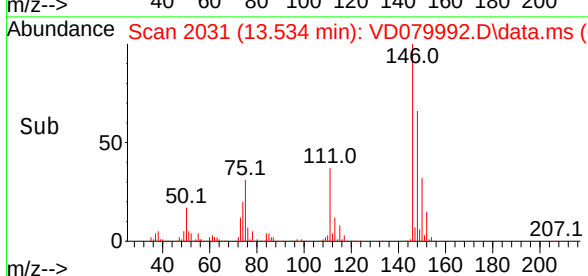
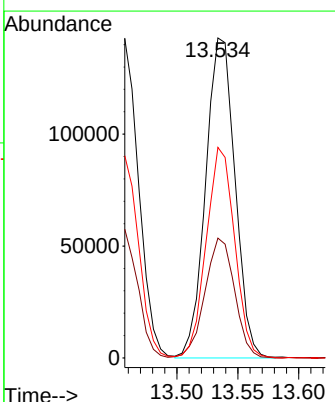
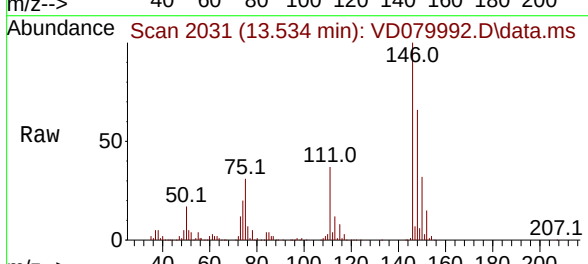
Instrument :
 MSVOA_D
 ClientSampleId :

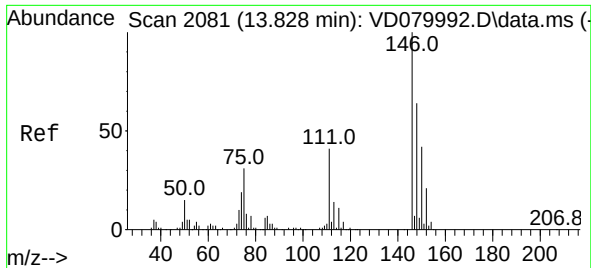
Tgt Ion:	146	Resp:	234773
Ion	Ratio	Lower	Upper
146	100		
111	40.3	28.2	52.4
148	63.4	44.4	82.4



#65
 1,4-Dichlorobenzene
 Concen: 24.844 ug/L
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD079992.D
 Acq: 12 Nov 2024 11:02

Tgt Ion:	146	Resp:	240298
Ion	Ratio	Lower	Upper
146	100		
111	37.5	26.2	48.8
148	65.8	46.1	85.5

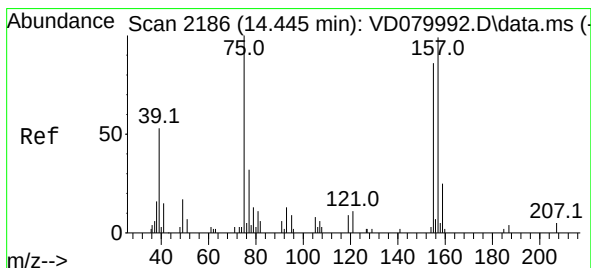
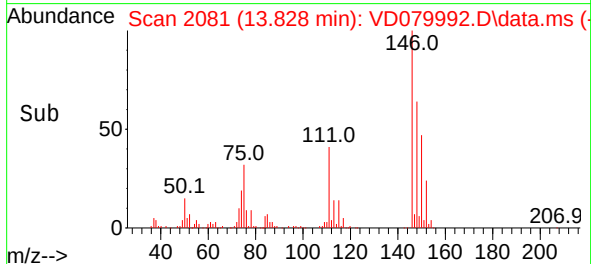
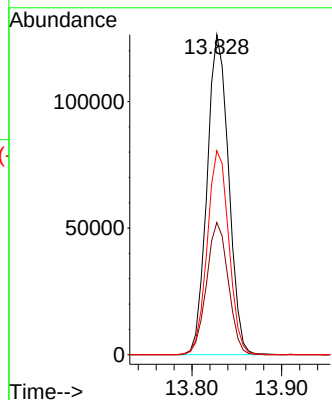
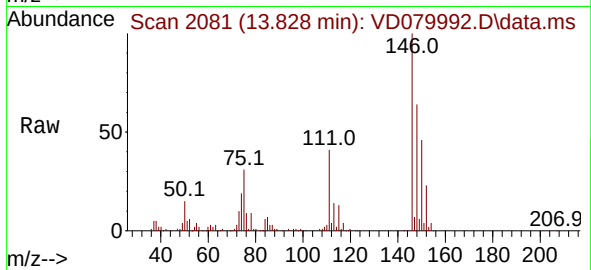




#67
1,2-Dichlorobenzene
Concen: 24.722 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

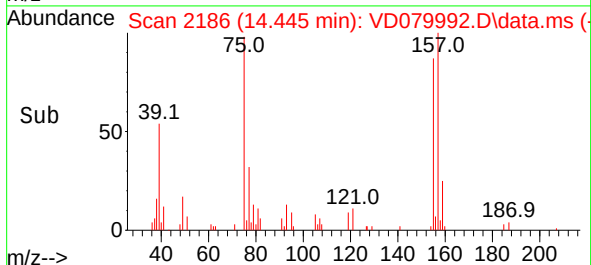
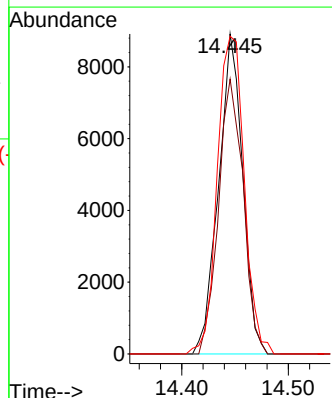
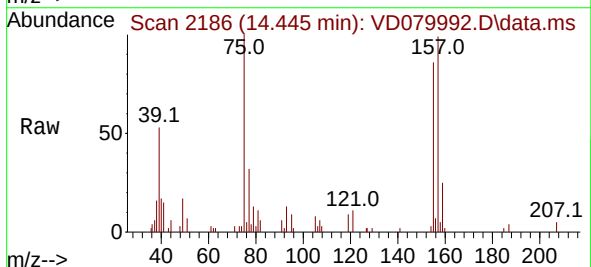
Instrument :
MSVOA_D
ClientSampleId :

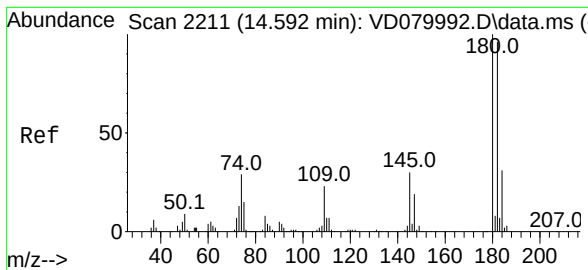
Tgt Ion:146 Resp: 210905
Ion Ratio Lower Upper
146 100
111 41.3 33.0 49.6
148 63.7 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 24.045 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

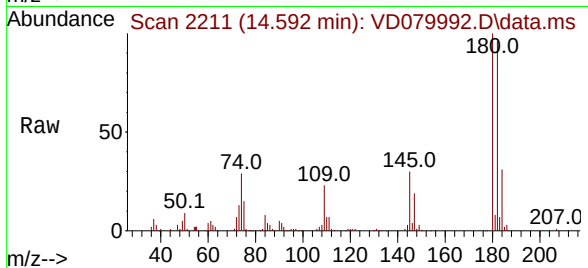
Tgt Ion: 75 Resp: 14054
Ion Ratio Lower Upper
75 100
155 85.9 68.7 103.1
157 99.3 79.4 119.2



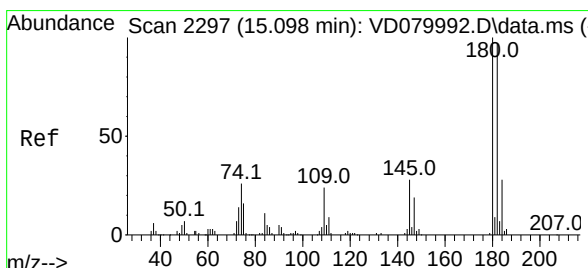
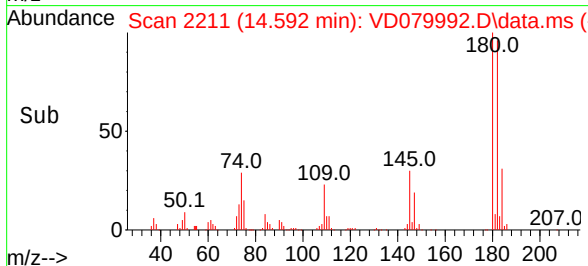
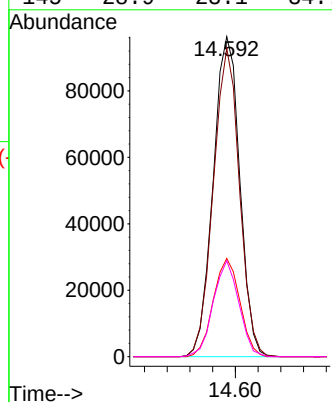


#69
1,3,5-Trichlorobenzene
Concen: 25.097 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Instrument :
MSVOA_D
ClientSampleId :

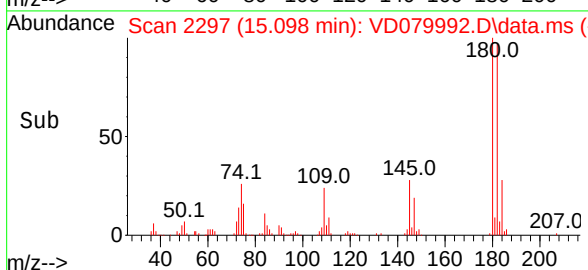
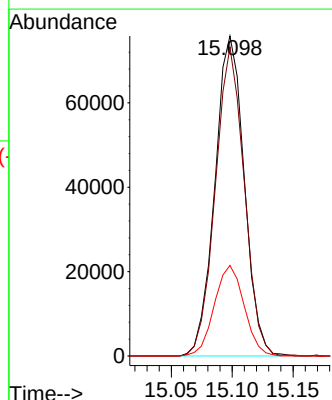
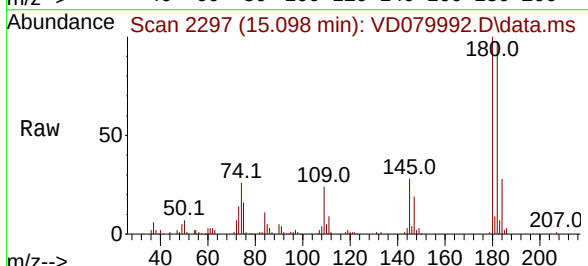


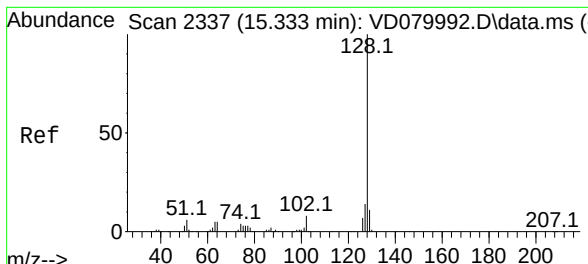
Tgt Ion:180 Resp: 156527
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
184 30.7 24.6 36.8
145 28.9 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 24.156 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD079992.D
Acq: 12 Nov 2024 11:02

Tgt Ion:180 Resp: 126949
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 28.7 23.0 34.4



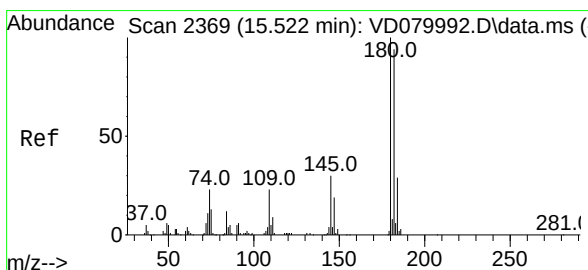
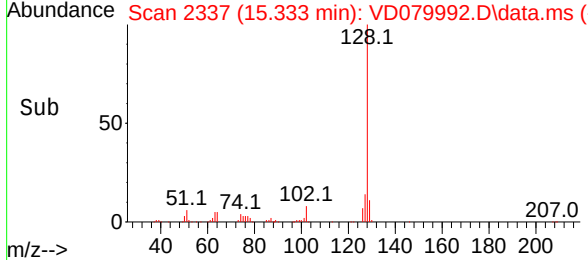
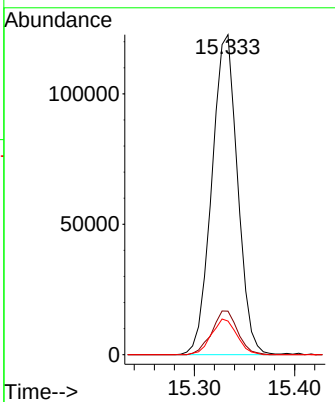
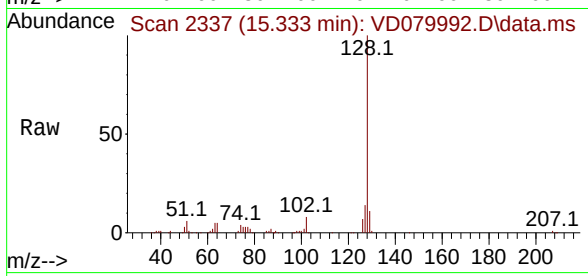


#71
 Naphthalene
 Concen: 24.374 ug/L
 RT: 15.333 min Scan# 2337
 Delta R.T. 0.000 min
 Lab File: VD079992.D
 Acq: 12 Nov 2024 11:02

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:128 Resp: 218843

Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.0	16.6
129	11.0	8.8	13.2



#72
 1,2,3-Trichlorobenzene
 Concen: 24.994 ug/L
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD079992.D
 Acq: 12 Nov 2024 11:02

Tgt Ion:180 Resp: 115963

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	31.1	24.9	37.3

