

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079993.D
 Acq On : 12 Nov 2024 11:29
 Operator : RP/MD
 Sample : VSTD050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 13 01:45:31 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	278997	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	268371	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	143686	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	149179	35.872	ug/L	0.00
7) Chloroethane-d5	2.799	69	129598	37.570	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	72538	42.550	ug/L	0.00
21) 2-Butanone-d5	6.987	46	80202	90.840	ug/L	0.00
24) Chloroform-d	7.569	84	381763	48.180	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	192532	44.810	ug/L	0.00
32) Benzene-d6	8.205	84	733333	47.515	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	233601	46.918	ug/L	0.00
41) Toluene-d8	10.269	98	697366	49.639	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	97455	48.635	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	75213	102.600	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	187940	47.125	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	238464	47.891	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	194683	45.888	ug/L	99
3) Chloromethane	2.146	50	154047	44.392	ug/L	95
5) Vinyl chloride	2.287	62	185420	42.561	ug/L	95
6) Bromomethane	2.693	94	141296	45.903	ug/L	95
8) Chloroethane	2.840	64	113885	41.053	ug/L	96
9) Trichlorofluoromethane	3.175	101	338032	46.391	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	216059	48.791	ug/L	95
12) 1,1-Dichloroethene	3.940	96	194416	52.009	ug/L	93
13) Acetone	4.022	43	100124	95.804	ug/L	99
14) Carbon disulfide	4.275	76	596240	47.751	ug/L	99
15) Methyl Acetate	4.569	43	71676	44.108	ug/L	# 79
16) Methylene chloride	4.805	84	212604	45.926	ug/L	93
17) trans-1,2-Dichloroethene	5.311	96	211522	51.296	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	433507	54.012	ug/L	98
19) 1,1-Dichloroethane	6.116	63	380335	49.461	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	234155	52.154	ug/L	99
22) 2-Butanone	7.087	43	124929	102.048	ug/L	97
23) Bromochloromethane	7.428	128	107923	48.406	ug/L	96
25) Chloroform	7.599	83	417691	46.989	ug/L	98
27) 1,2-Dichloroethane	8.328	62	245450	47.286	ug/L	99
29) Cyclohexane	7.881	56	326298	56.240	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	338203	49.249	ug/L	99
31) Carbon tetrachloride	7.993	117	296716	49.209	ug/L	99
33) Benzene	8.252	78	878833	52.401	ug/L	100
34) Trichloroethene	9.028	95	226626	50.388	ug/L	95
35) Methylcyclohexane	9.275	83	366685	55.782	ug/L	99
37) 1,2-Dichloropropane	9.305	63	235381	50.242	ug/L	99
38) Bromodichloromethane	9.587	83	294043	49.252	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	364062	53.794	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	232023	104.889	ug/L	98
42) Toluene	10.334	91	978259	53.398	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	302432	51.882	ug/L	98

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

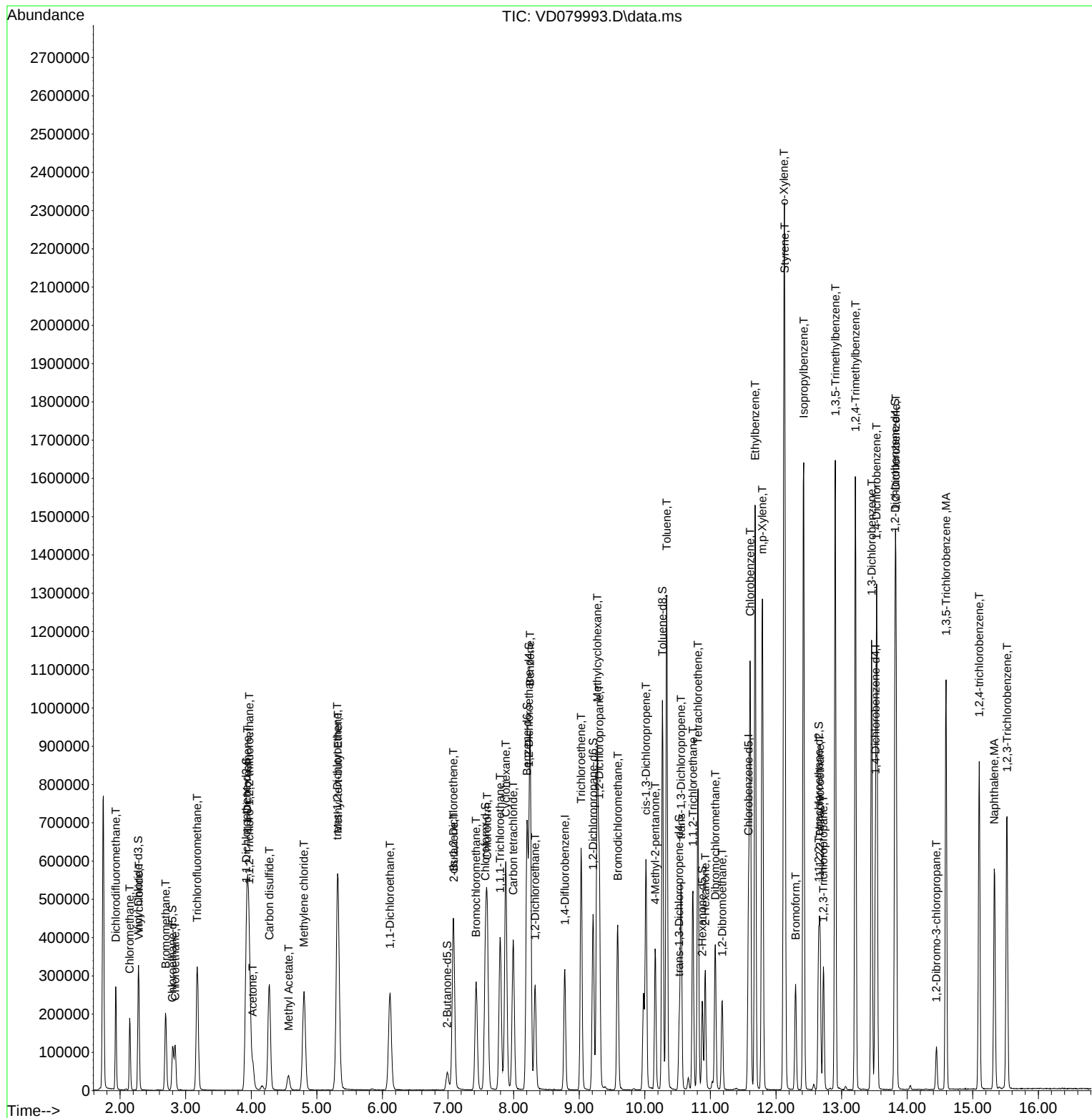
45) 1,1,2-Trichloroethane	10.734	97	175619	49.204	ug/L	94
46) Tetrachloroethene	10.810	164	184433	48.211	ug/L	99
48) 2-Hexanone	10.922	43	195650	109.683	ug/L	98
49) Dibromochloromethane	11.075	129	202523	48.180	ug/L	97
50) 1,2-Dibromoethane	11.181	107	158942	48.807	ug/L #	97
51) Chlorobenzene	11.604	112	607553	50.584	ug/L	96
52) Ethylbenzene	11.681	91	1083863	54.821	ug/L	99
53) m,p-Xylene	11.793	106	410739	55.405	ug/L	93
54) o-Xylene	12.122	106	396235	56.078	ug/L	99
55) Styrene	12.134	104	708306	55.721	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	196794	47.470	ug/L	99
59) Bromoform	12.299	173	126281	47.619	ug/L	99
60) Isopropylbenzene	12.422	105	1071273	54.543	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	135332	48.323	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	866266	56.158	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	859555	55.964	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	494274	51.268	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	502812	49.786	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	447490	50.236	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	29427	48.219	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	342235	52.552	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	287204	52.339	ug/L	100
71) Naphthalene	15.328	128	501642	53.510	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	260261	53.724	ug/L	99

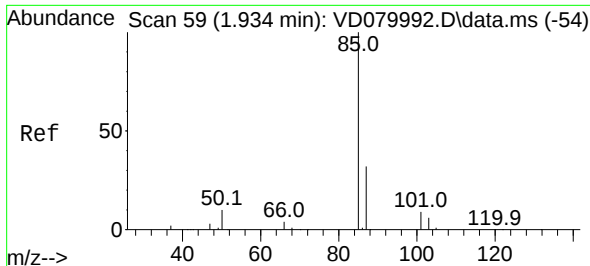
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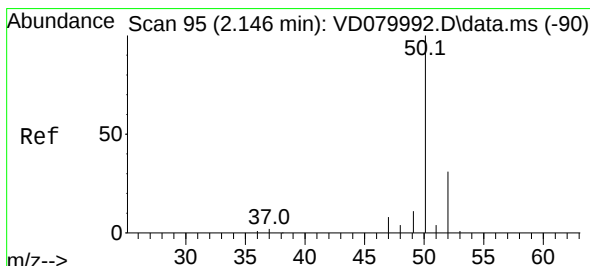
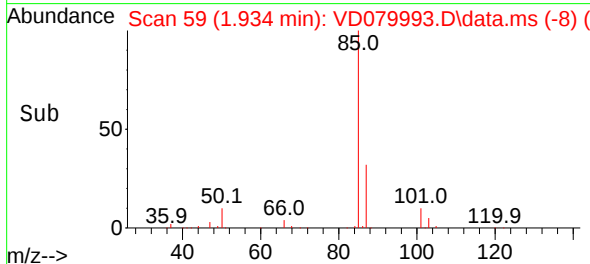
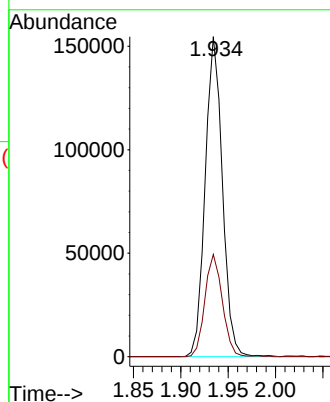
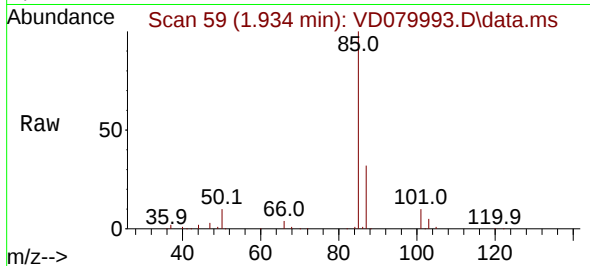




#2
 Dichlorodifluoromethane
 Concen: 45.888 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079993.D
 Acq: 12 Nov 2024 11:29

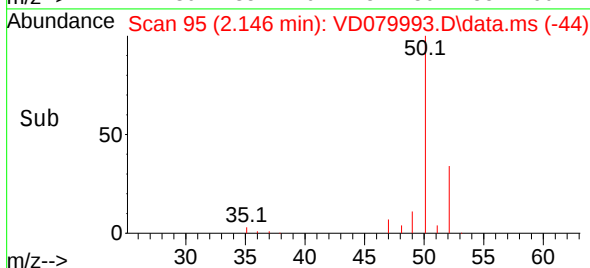
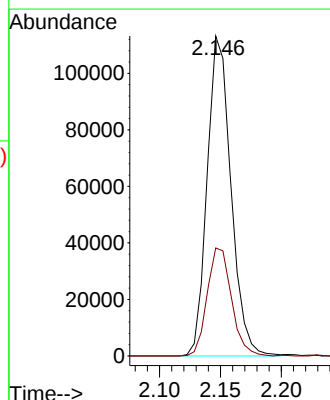
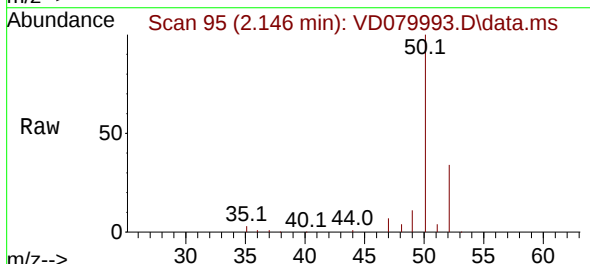
Instrument :
 MSVOA_D
 ClientSampleId :

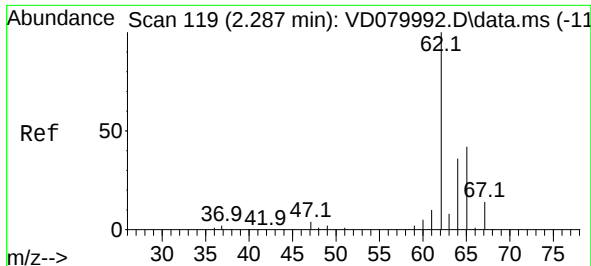
Tgt Ion: 85 Resp: 194683
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.4 38.2



#3
 Chloromethane
 Concen: 44.392 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079993.D
 Acq: 12 Nov 2024 11:29

Tgt Ion: 50 Resp: 154047
 Ion Ratio Lower Upper
 50 100
 52 33.8 21.6 40.0

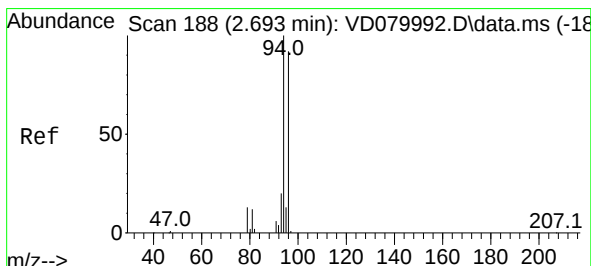
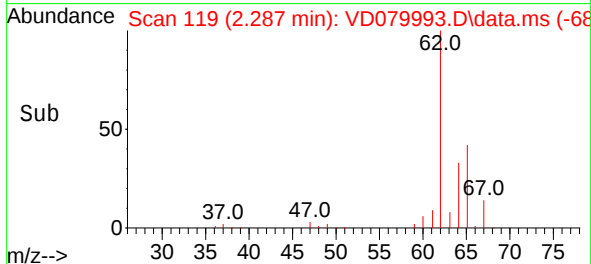
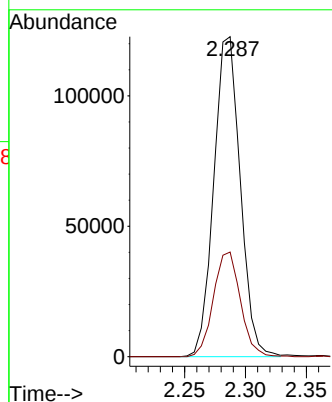
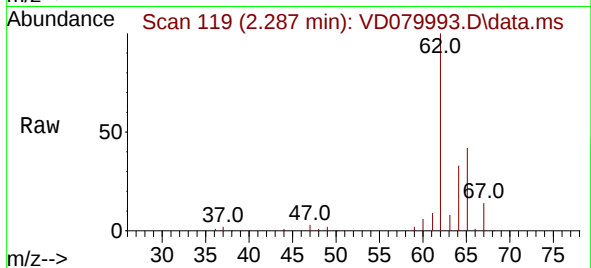




#5
 Vinyl chloride
 Concen: 42.561 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD079993.D
 Acq: 12 Nov 2024 11:29

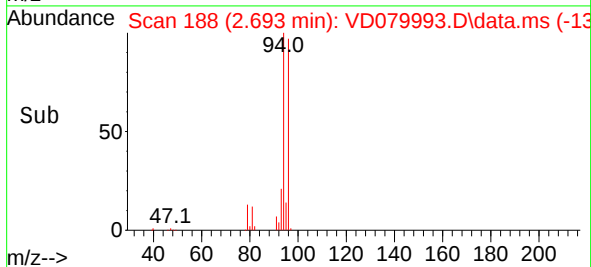
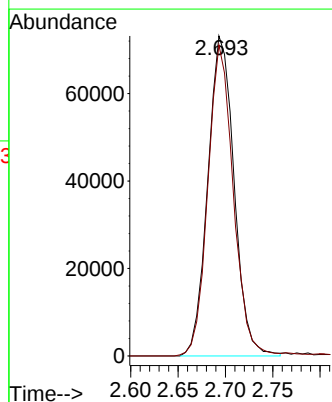
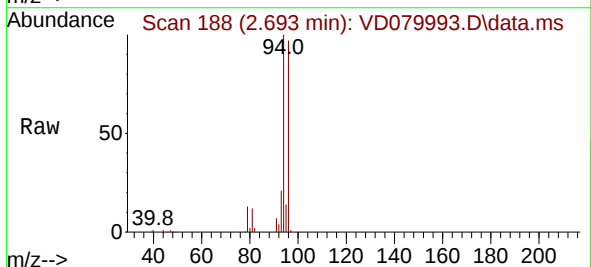
Instrument :
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 ClientSampleId :

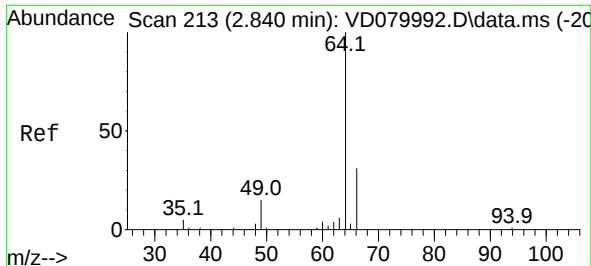
Tgt Ion: 62 Resp: 185420
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.1 46.7



#6
 Bromomethane
 Concen: 45.903 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079993.D
 Acq: 12 Nov 2024 11:29

Tgt Ion: 94 Resp: 141296
 Ion Ratio Lower Upper
 94 100
 96 97.2 64.5 119.7

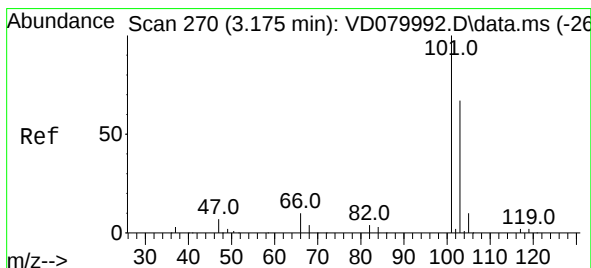
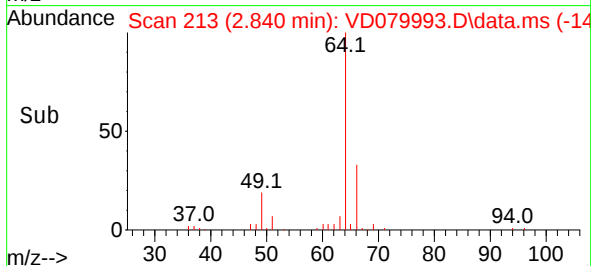
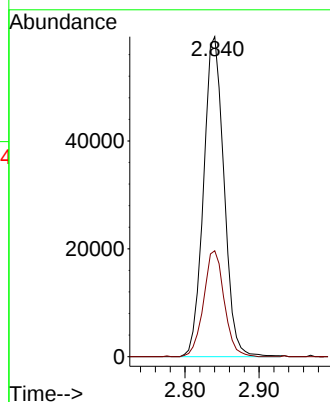
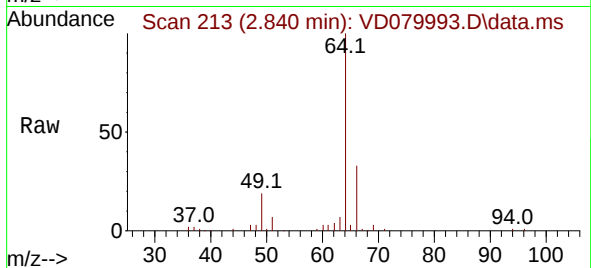




#8
Chloroethane
Concen: 41.053 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

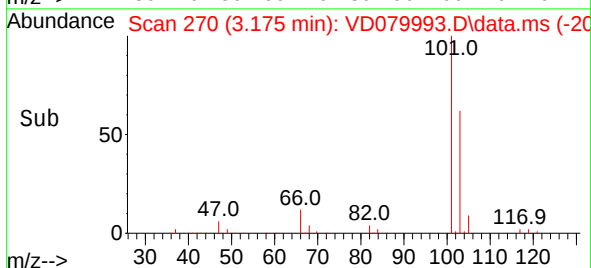
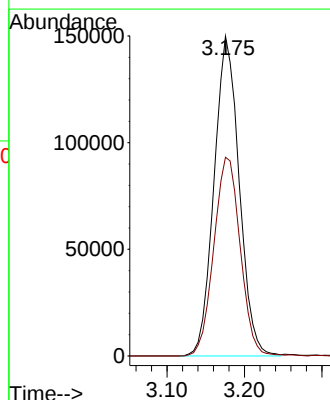
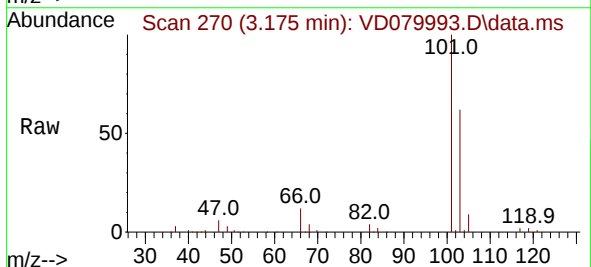
Instrument :
MSVOA_D
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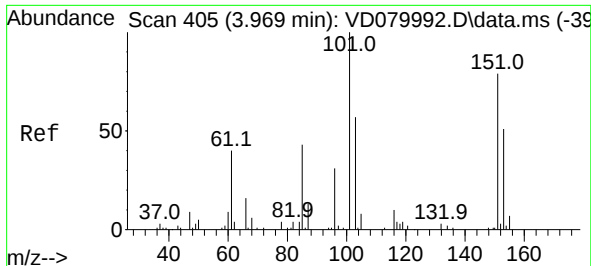
Tgt Ion: 64 Resp: 113885
Ion Ratio Lower Upper
64 100
66 33.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 46.391 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Tgt Ion:101 Resp: 338032
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8





#10

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

Concen: 48.791 ug/L

RT: 3.970 min Scan# 405

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

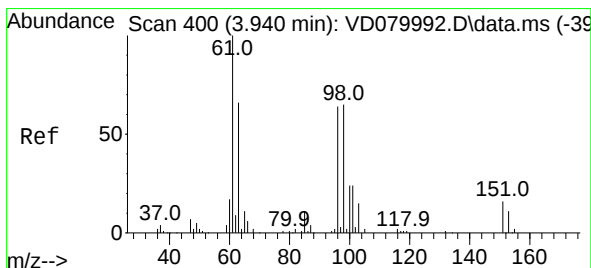
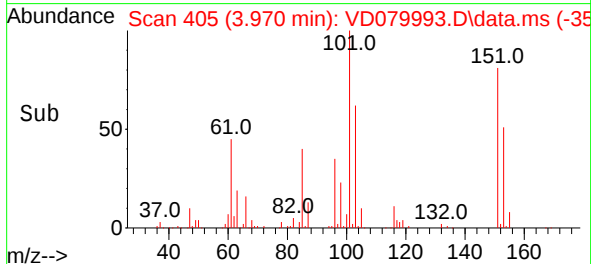
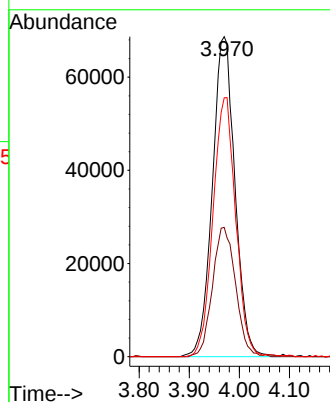
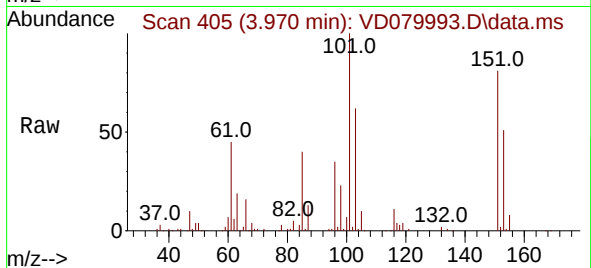
Tgt Ion:101 Resp: 216059

Ion Ratio Lower Upper

101 100

85 41.0 34.9 52.3

151 80.7 60.7 91.1



#12

1,1-Dichloroethene

Concen: 52.009 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

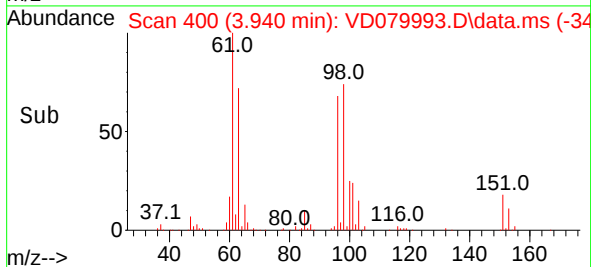
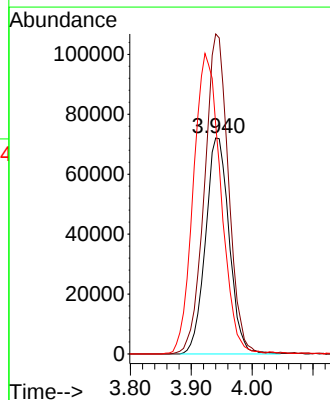
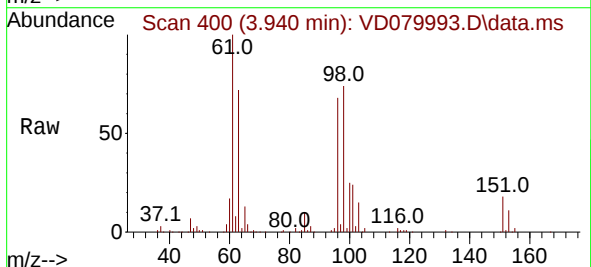
Tgt Ion: 96 Resp: 194416

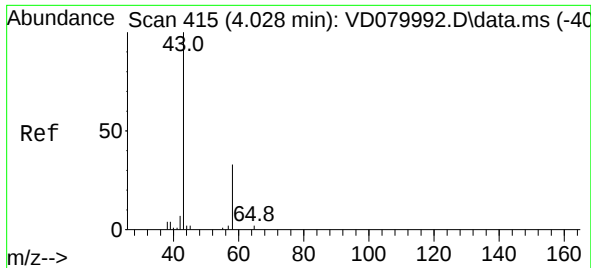
Ion Ratio Lower Upper

96 100

61 148.1 111.2 206.6

63 106.0 78.9 146.5





#13

Acetone

Concen: 95.804 ug/L

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Instrument :

MSVOA_D

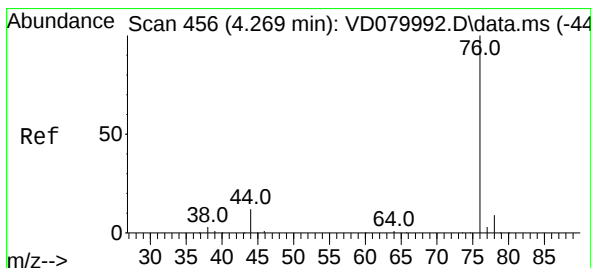
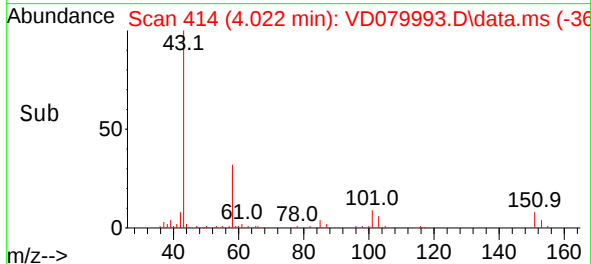
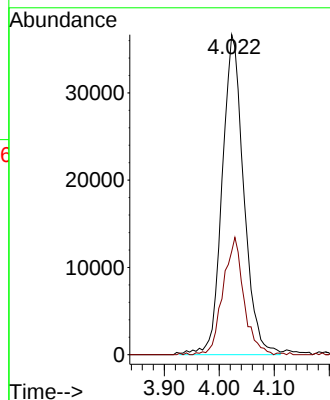
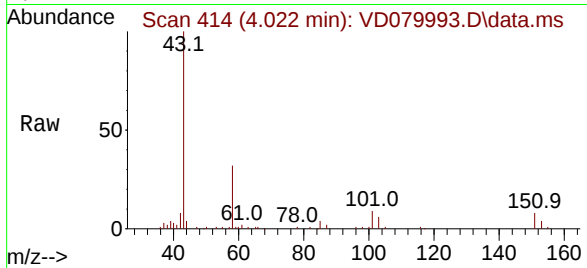
ClientSampleId :

Tgt Ion: 43 Resp: 100124

Ion Ratio Lower Upper

43 100

58 35.3 0.0 71.8



#14

Carbon disulfide

Concen: 47.751 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD079993.D

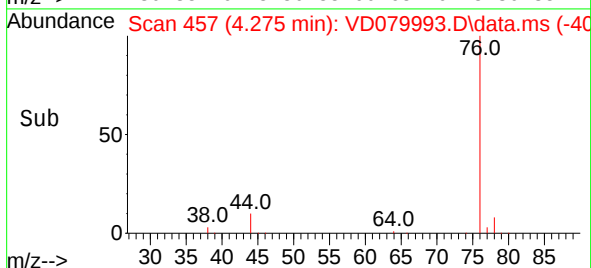
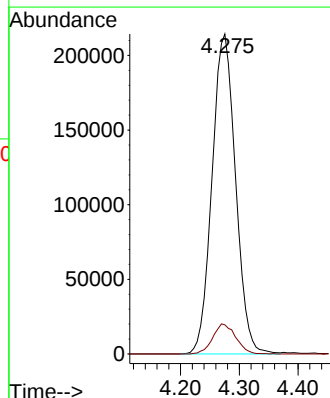
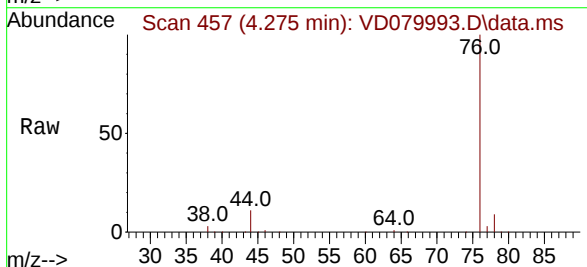
Acq: 12 Nov 2024 11:29

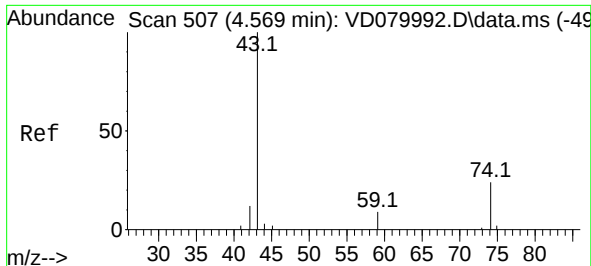
Tgt Ion: 76 Resp: 596240

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

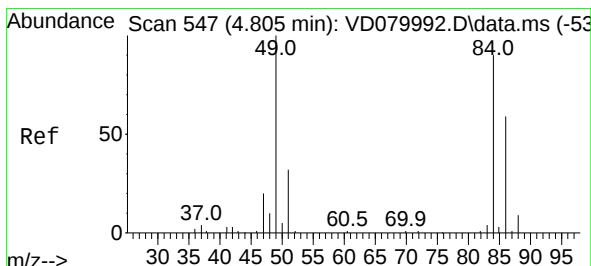
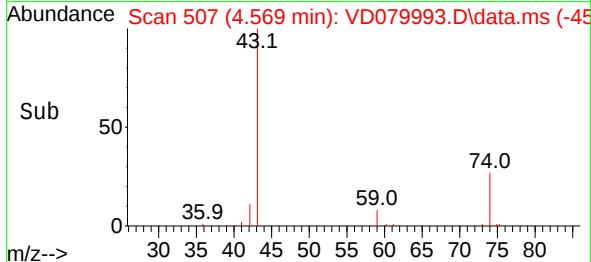
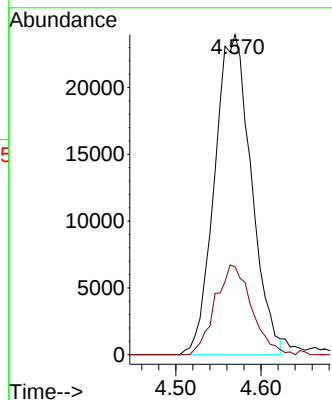
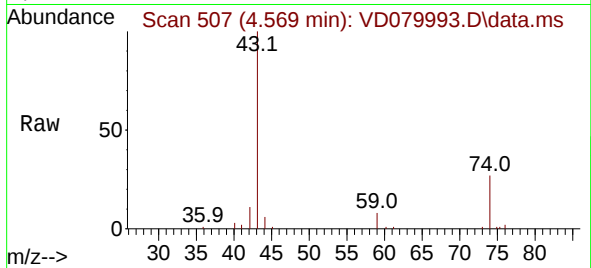




#15
Methyl Acetate
Concen: 44.108 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

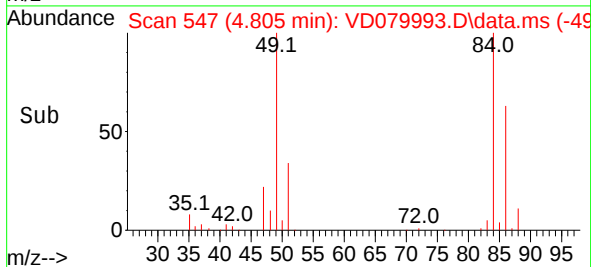
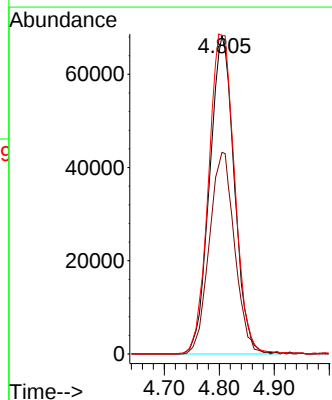
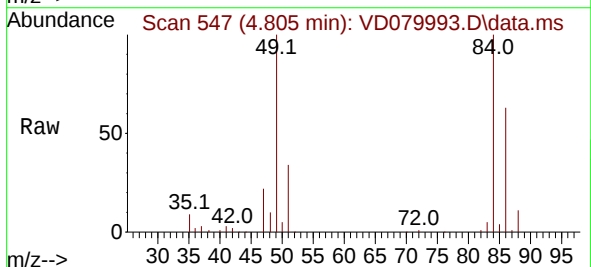
Instrument :
MSVOA_D
ClientSampleId :

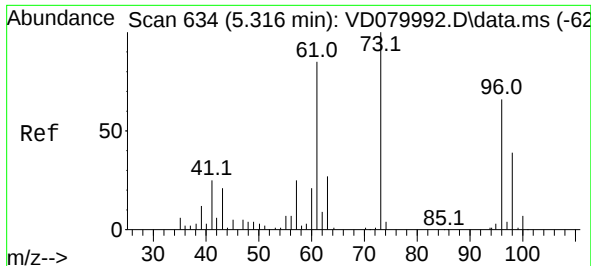
Tgt Ion: 43 Resp: 71676
Ion Ratio Lower Upper
43 100
74 27.7 0.2 0.2#



#16
Methylene chloride
Concen: 45.926 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Tgt Ion: 84 Resp: 212604
Ion Ratio Lower Upper
84 100
86 63.4 45.4 84.4
49 100.1 77.3 143.7

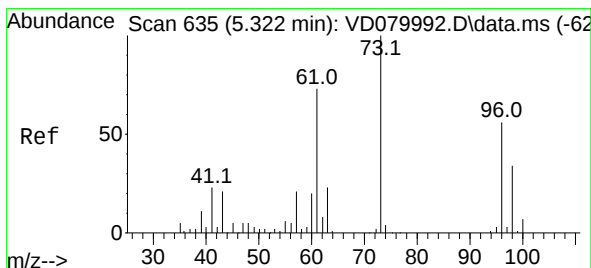
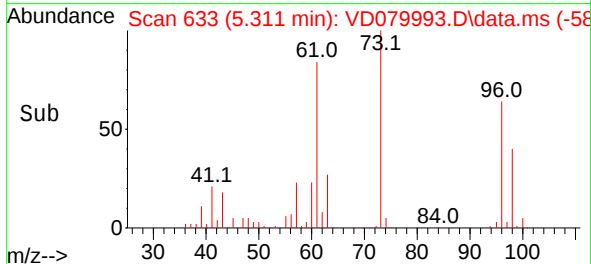
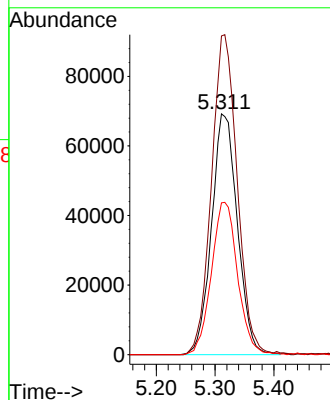
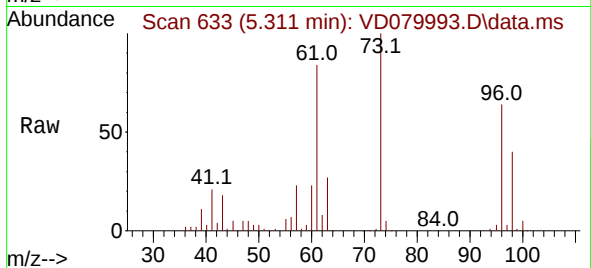




#17
trans-1,2-Dichloroethene
Concen: 51.296 ug/L
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

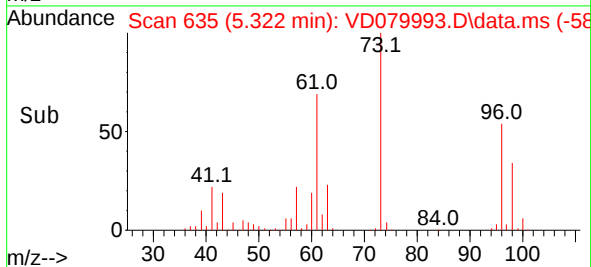
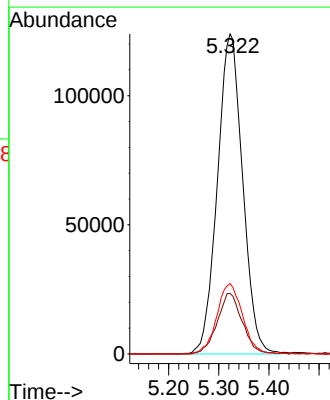
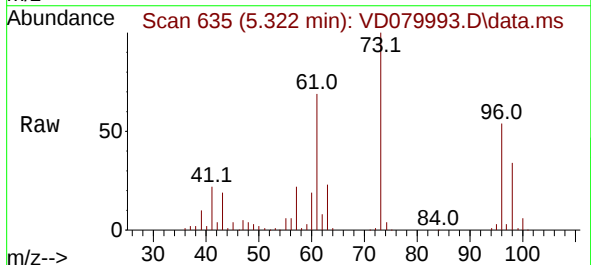
Instrument :
MSVOA_D
ClientSampleId :

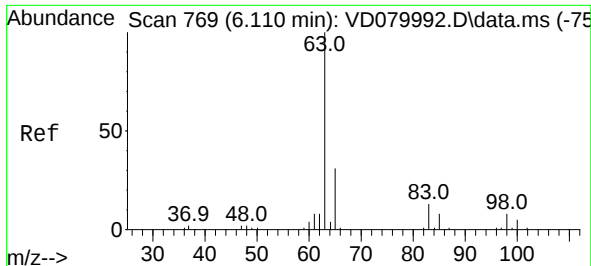
Tgt Ion: 96 Resp: 211522
Ion Ratio Lower Upper
96 100
61 132.4 91.1 169.3
98 63.1 41.6 77.2



#18
Methyl tert-butyl Ether
Concen: 54.012 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Tgt Ion: 73 Resp: 433507
Ion Ratio Lower Upper
73 100
43 18.8 16.1 24.1
57 22.2 18.5 27.7

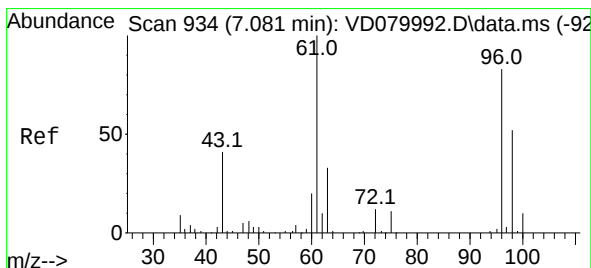
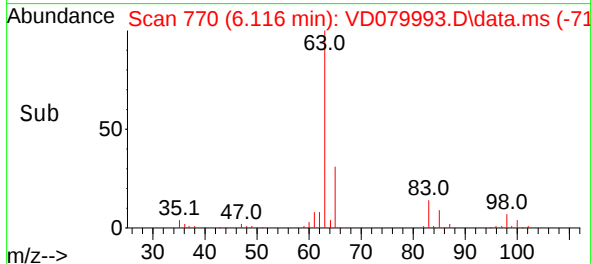
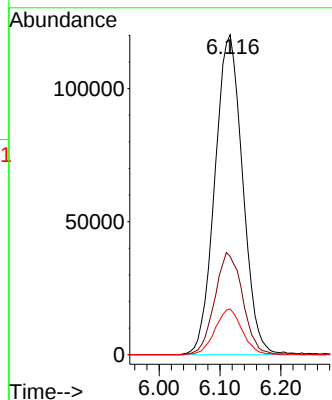
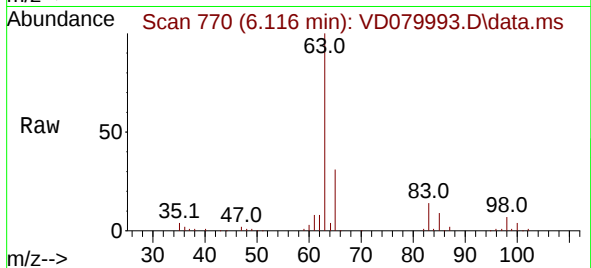




#19
1,1-Dichloroethane
Concen: 49.461 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

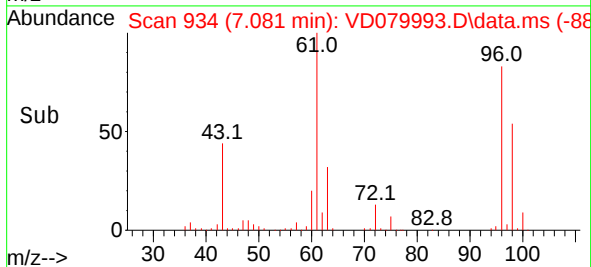
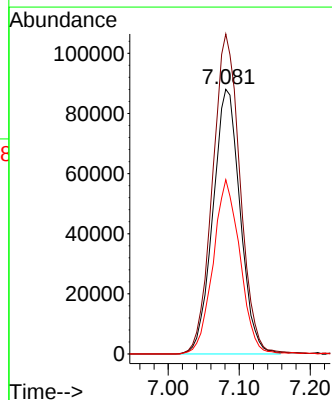
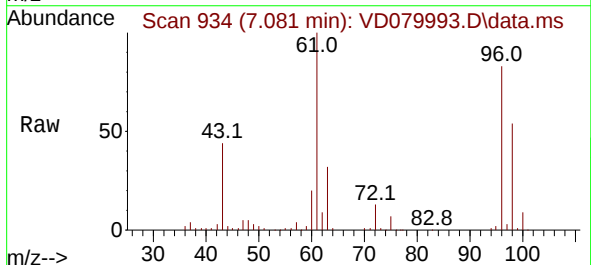
Instrument :
MSVOA_D
ClientSampleId :

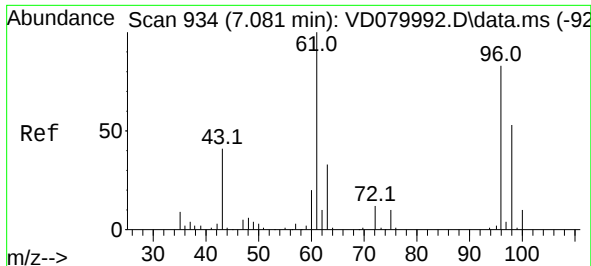
Tgt Ion: 63 Resp: 380335
Ion Ratio Lower Upper
63 100
65 30.7 21.9 40.7
83 14.3 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 52.154 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Tgt Ion: 96 Resp: 234155
Ion Ratio Lower Upper
96 100
61 120.9 84.8 157.4
98 65.9 44.4 82.5

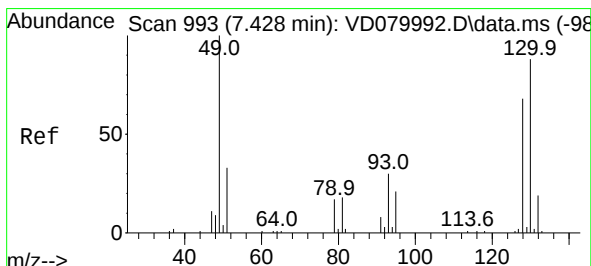
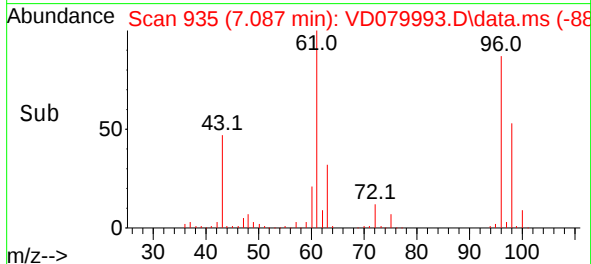
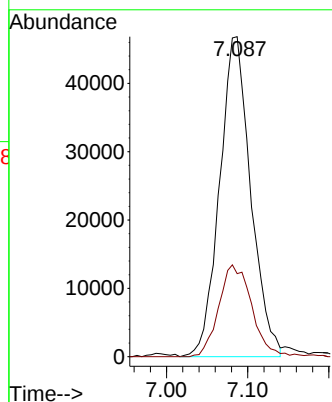
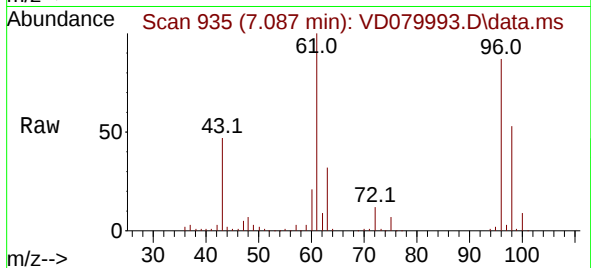




#22
2-Butanone
Concen: 102.048 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

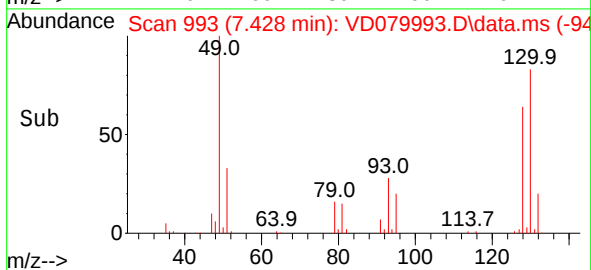
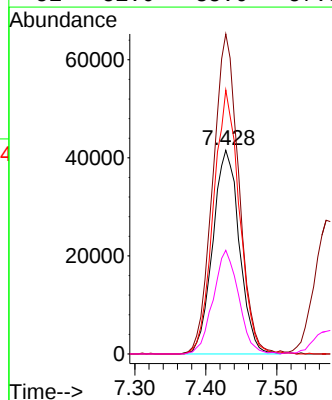
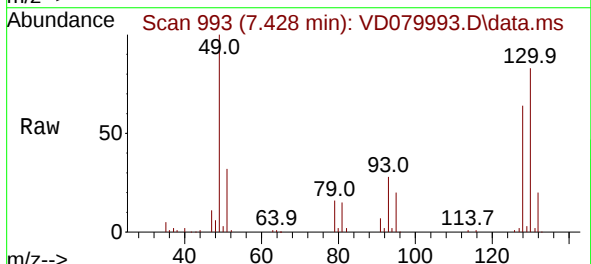
Instrument :
MSVOA_D
ClientSampleId :

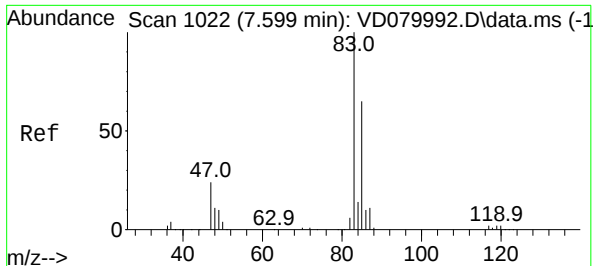
Tgt Ion: 43 Resp: 124929
Ion Ratio Lower Upper
43 100
72 30.1 14.3 42.9



#23
Bromochloromethane
Concen: 48.406 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Tgt Ion:128 Resp: 107923
Ion Ratio Lower Upper
128 100
49 157.2 103.2 191.6
130 129.7 90.6 168.2
51 51.0 38.6 57.8

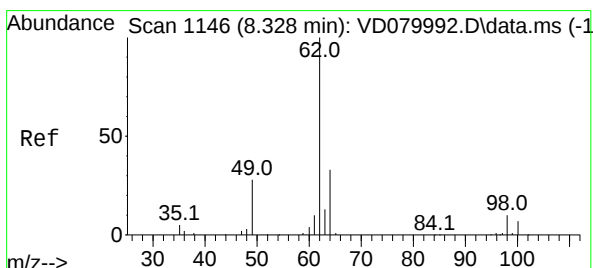
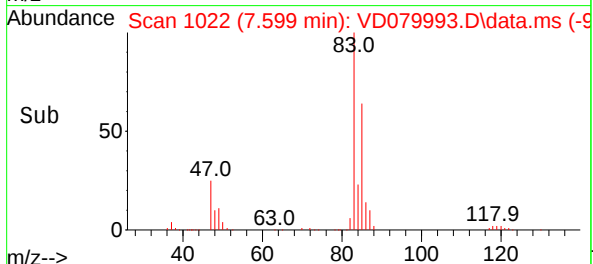
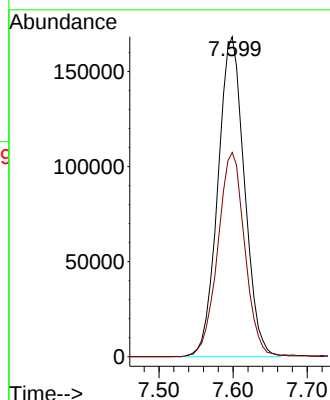
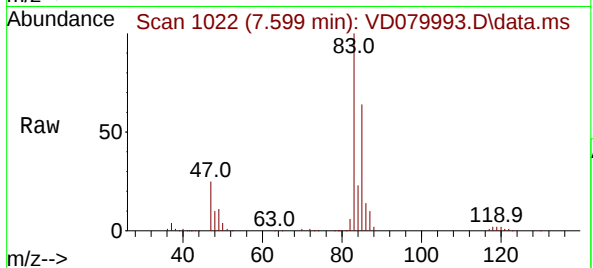




#25
Chloroform
Concen: 46.989 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

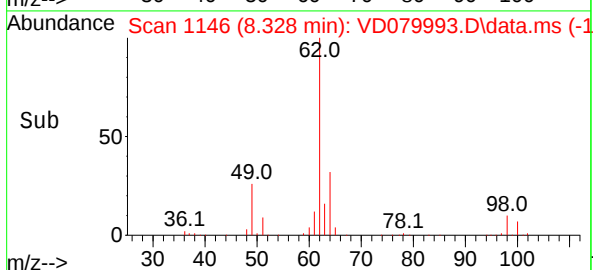
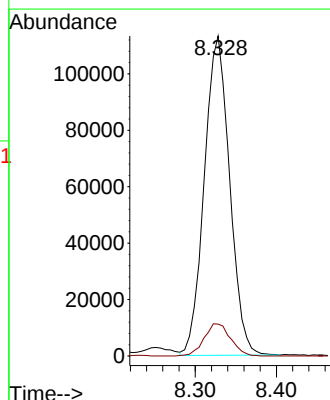
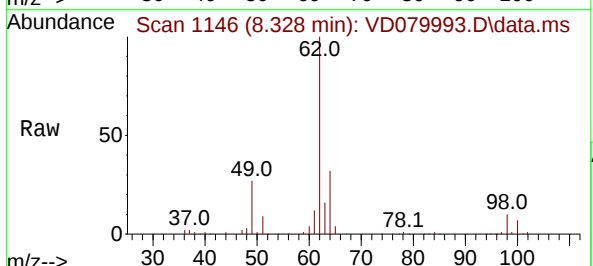
Instrument :
MSVOA_D
ClientSampleId :

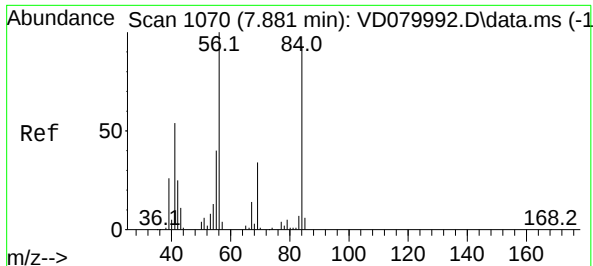
Tgt Ion: 83 Resp: 417691
Ion Ratio Lower Upper
83 100
85 63.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 47.286 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

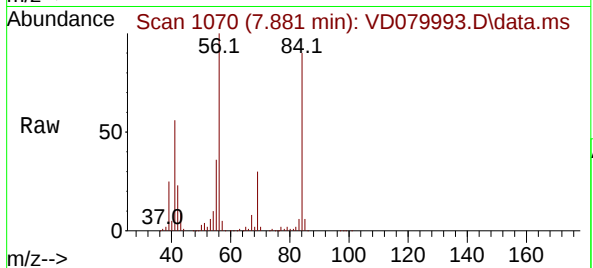
Tgt Ion: 62 Resp: 245450
Ion Ratio Lower Upper
62 100
98 9.9 7.5 11.3



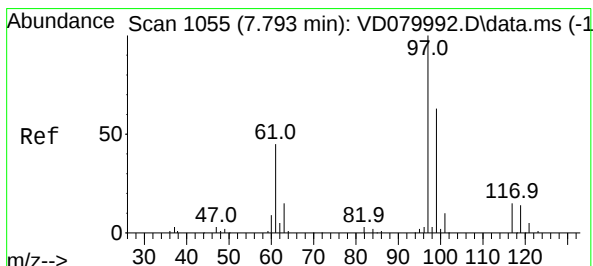
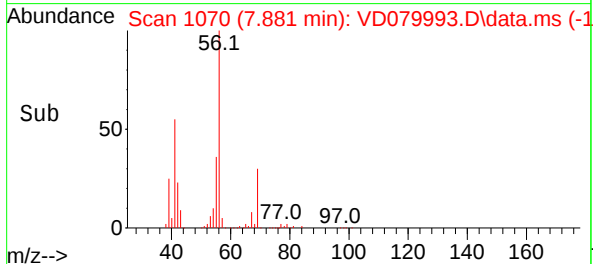
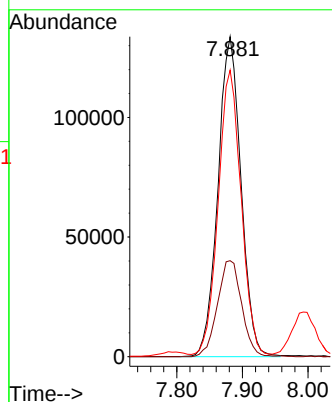


#29
Cyclohexane
Concen: 56.240 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Instrument :
MSVOA_D
ClientSampleId :

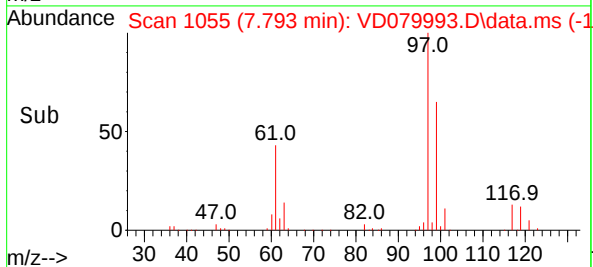
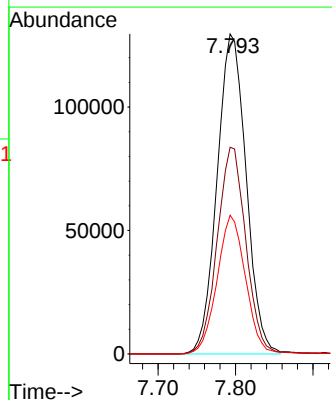
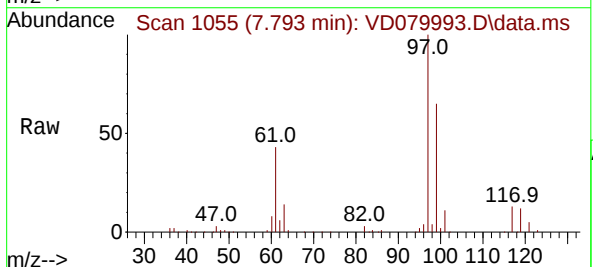


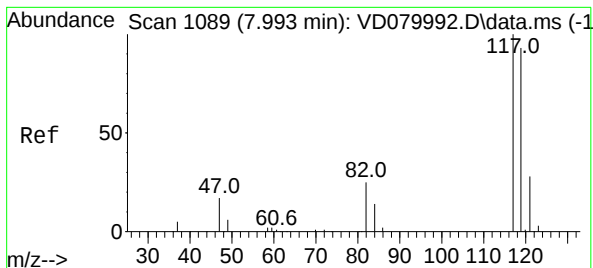
Tgt Ion: 56 Resp: 326298
Ion Ratio Lower Upper
56 100
69 31.4 25.6 38.4
84 89.5 71.0 106.6



#30
1,1,1-Trichloroethane
Concen: 49.249 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Tgt Ion: 97 Resp: 338203
Ion Ratio Lower Upper
97 100
99 63.8 51.5 77.3
61 42.3 34.3 51.5





#31

Carbon tetrachloride

Concen: 49.209 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Instrument :

MSVOA_D

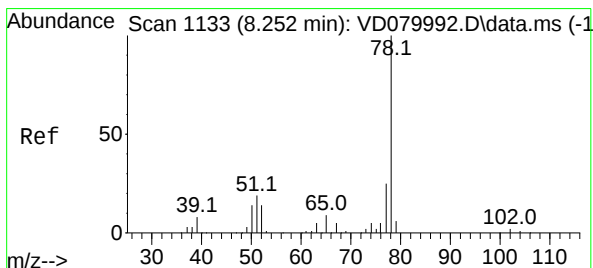
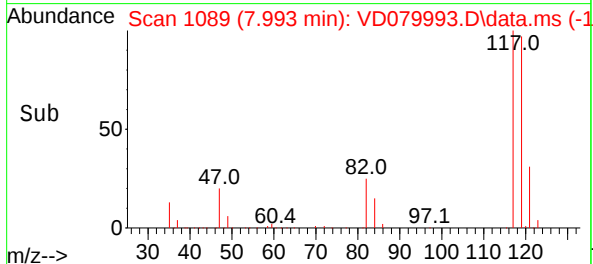
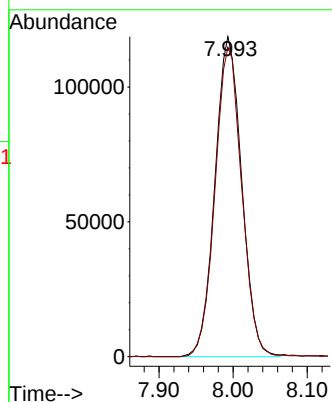
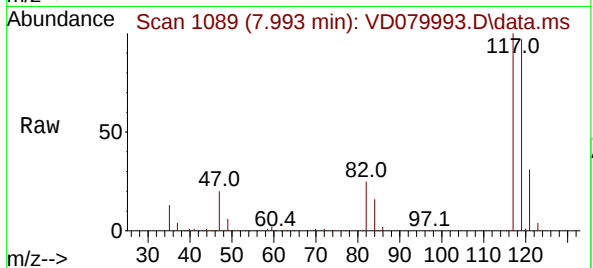
ClientSampleId :

Tgt Ion:117 Resp: 296716

Ion Ratio Lower Upper

117 100

119 96.6 76.8 115.2



#33

Benzene

Concen: 52.401 ug/L

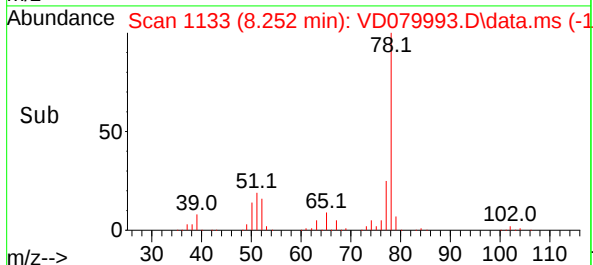
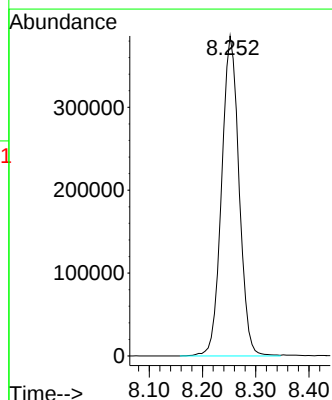
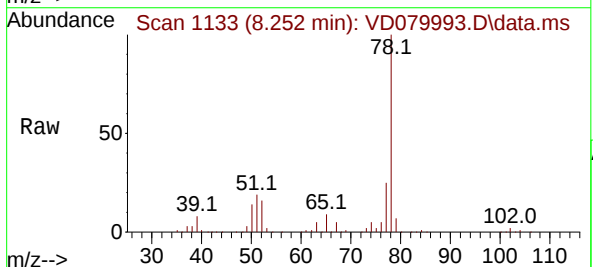
RT: 8.252 min Scan# 1133

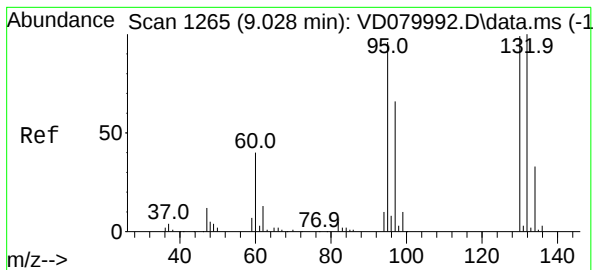
Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Tgt Ion: 78 Resp: 878833





#34

Trichloroethene

Concen: 50.388 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 226626

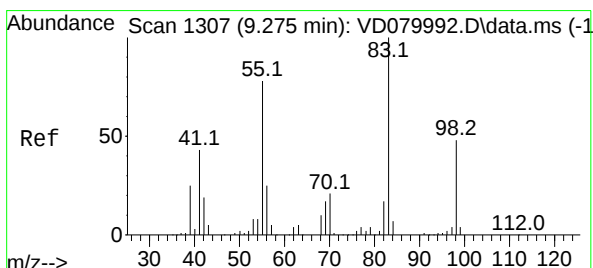
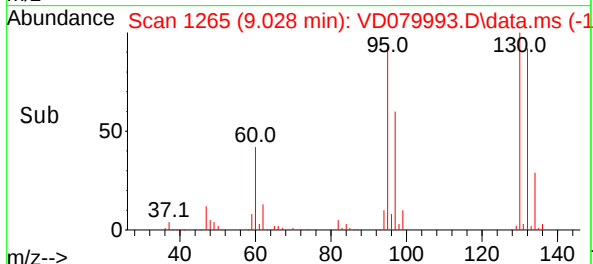
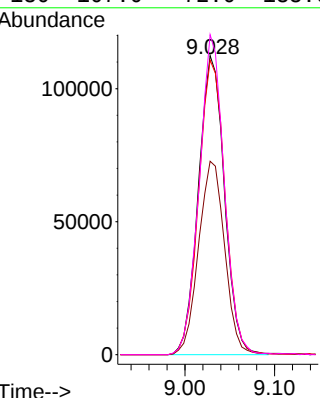
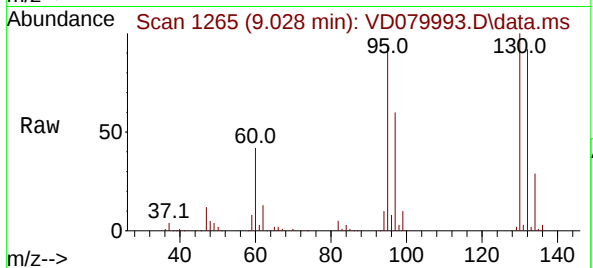
Ion Ratio Lower Upper

95 100

97 64.7 47.7 88.5

132 98.5 72.8 135.2

130 107.0 72.0 133.6



#35

Methylcyclohexane

Concen: 55.782 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

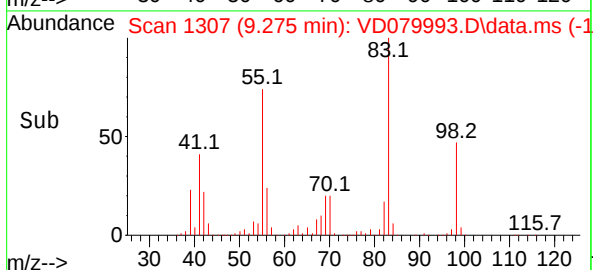
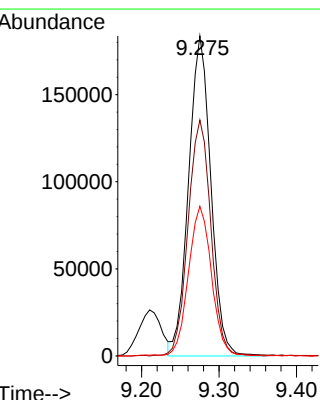
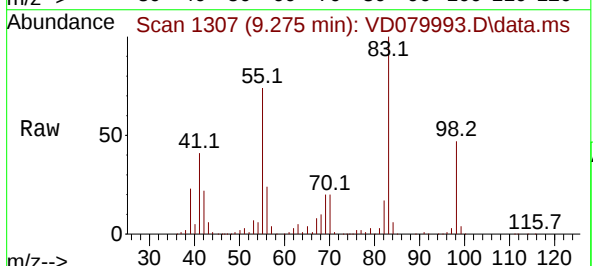
Tgt Ion: 83 Resp: 366685

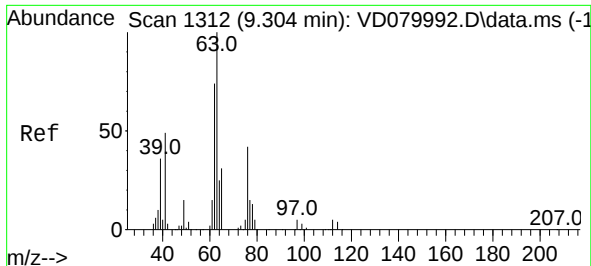
Ion Ratio Lower Upper

83 100

55 75.3 61.2 91.8

98 48.4 38.2 57.2

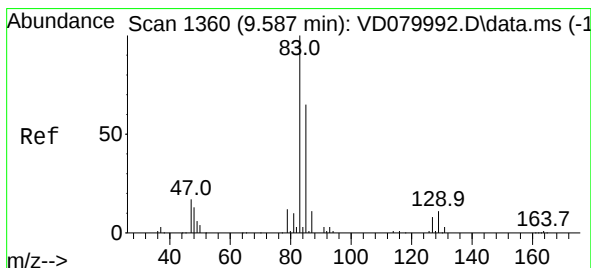
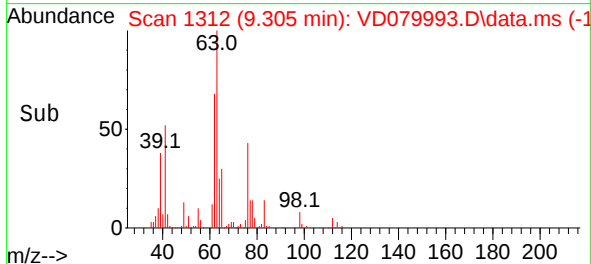
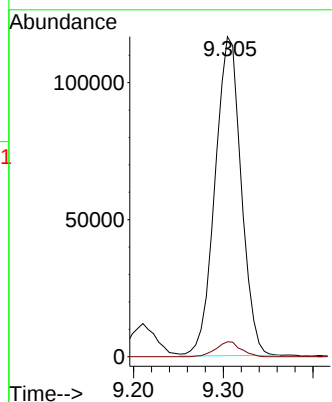
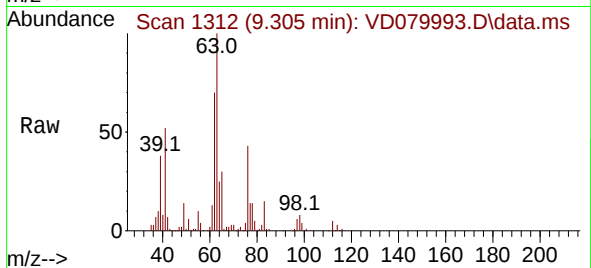




#37
1,2-Dichloropropane
Concen: 50.242 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

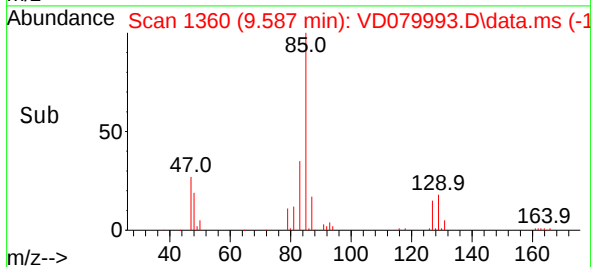
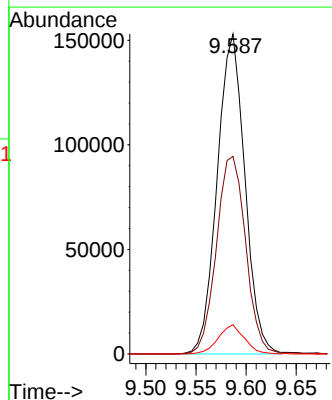
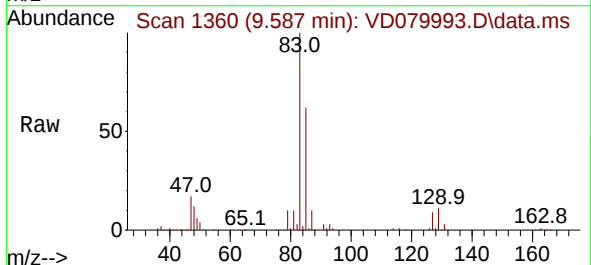
Instrument :
MSVOA_D
ClientSampleId :

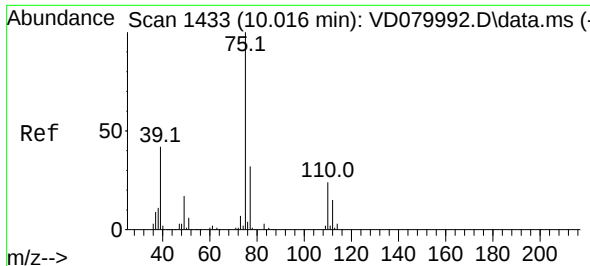
Tgt Ion: 63 Resp: 235381
Ion Ratio Lower Upper
63 100
112 4.4 3.8 5.6



#38
Bromodichloromethane
Concen: 49.252 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Tgt Ion: 83 Resp: 294043
Ion Ratio Lower Upper
83 100
85 61.8 46.0 85.4
127 9.2 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 53.794 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Instrument :

MSVOA_D

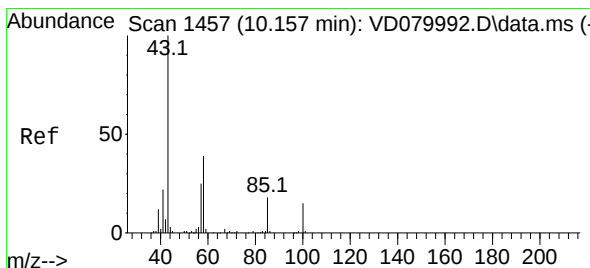
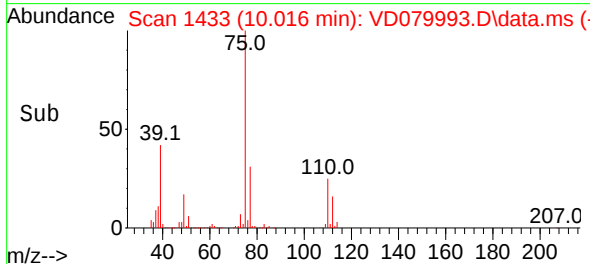
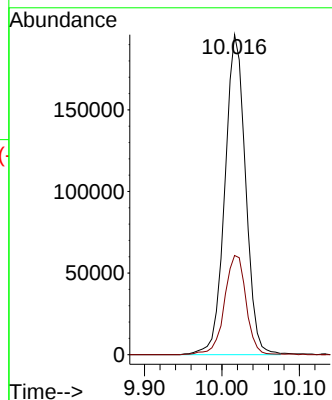
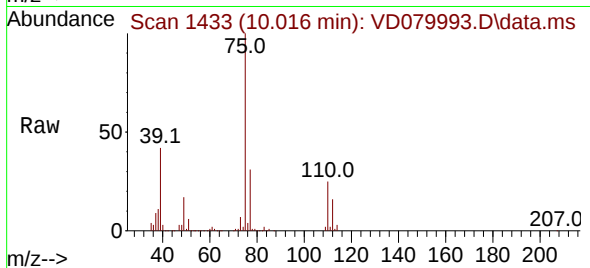
ClientSampleId :

Tgt Ion: 75 Resp: 364062

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 104.889 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

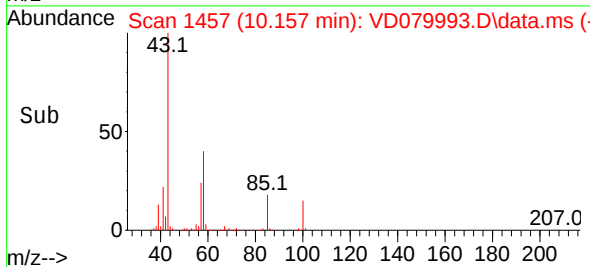
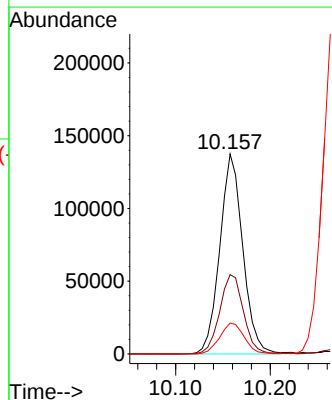
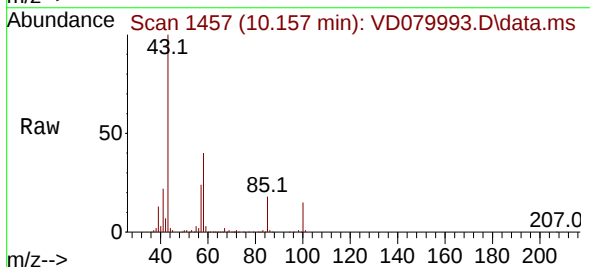
Tgt Ion: 43 Resp: 232023

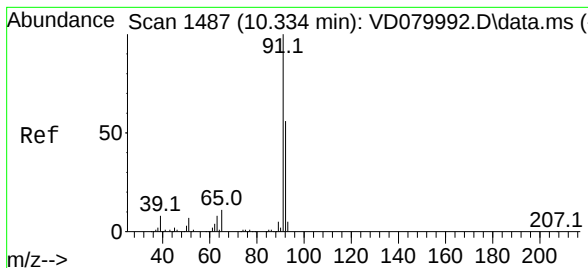
Ion Ratio Lower Upper

43 100

58 41.0 31.5 47.3

100 16.6 12.7 19.1





#42

Toluene

Concen: 53.398 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Instrument :

MSVOA_D

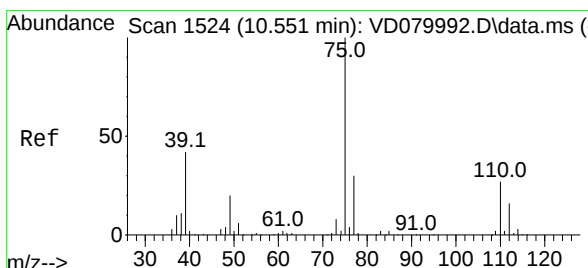
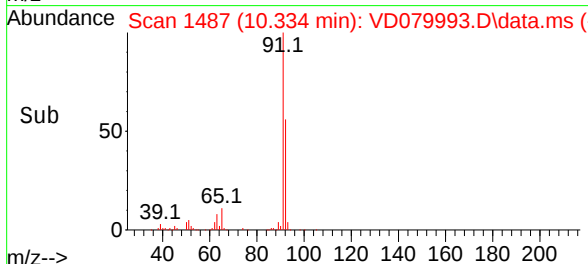
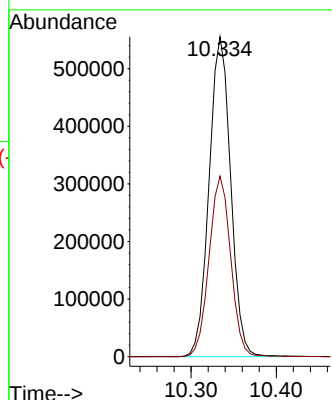
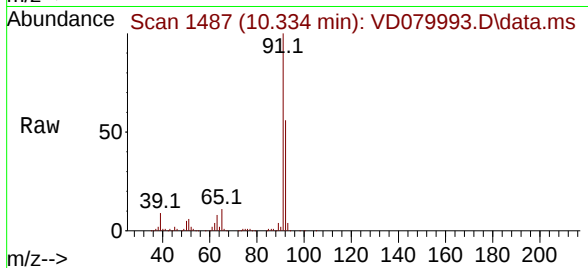
ClientSampleId :

Tgt Ion: 91 Resp: 978259

Ion Ratio Lower Upper

91 100

92 56.4 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 51.882 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079993.D

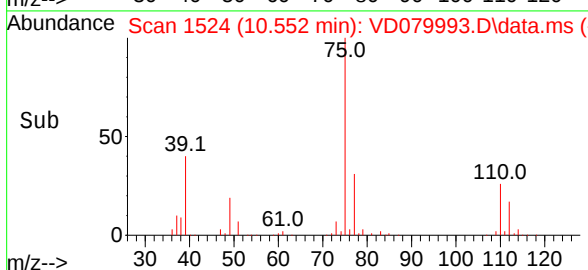
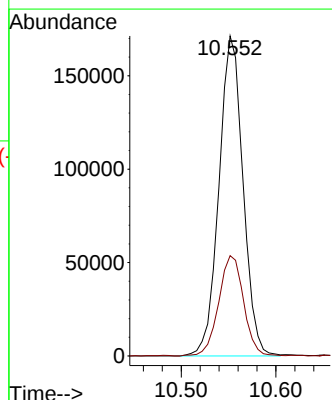
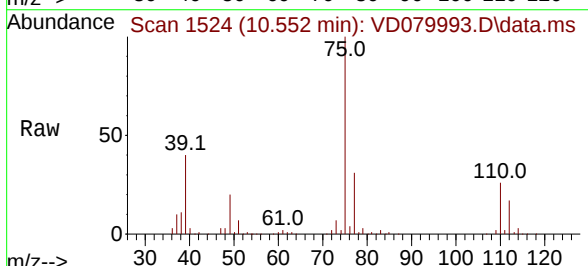
Acq: 12 Nov 2024 11:29

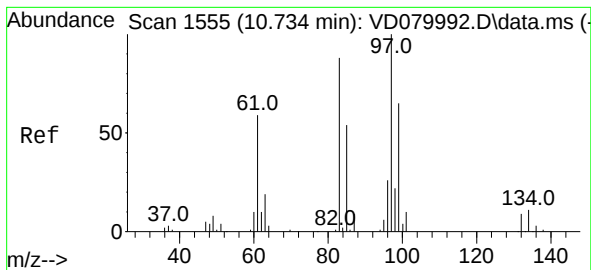
Tgt Ion: 75 Resp: 302432

Ion Ratio Lower Upper

75 100

77 31.3 21.0 39.0





#45

1,1,2-Trichloroethane

Concen: 49.204 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 175619

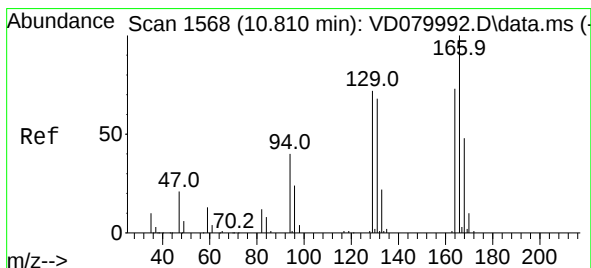
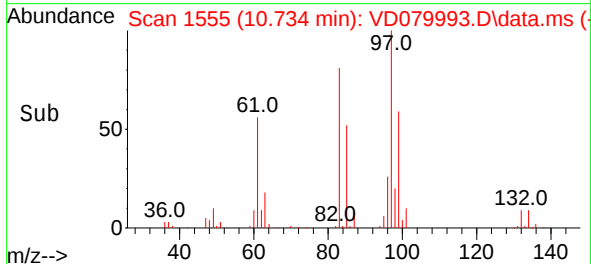
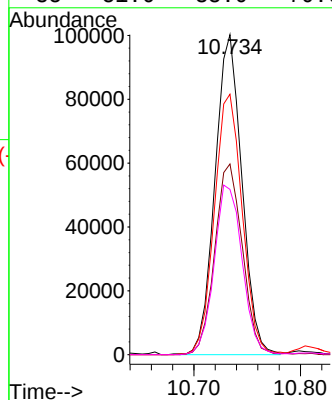
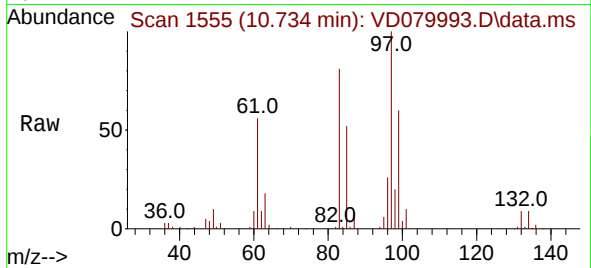
Ion Ratio Lower Upper

97 100

99 59.6 45.2 84.0

83 81.4 61.5 114.3

85 51.6 38.0 70.6



#46

Tetrachloroethene

Concen: 48.211 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Tgt Ion:164 Resp: 184433

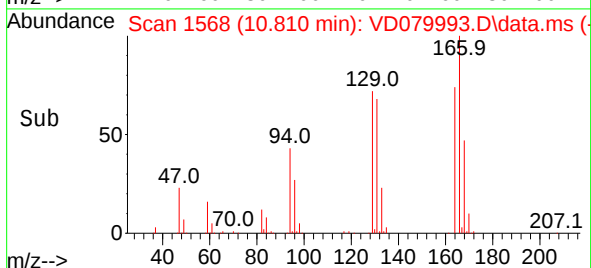
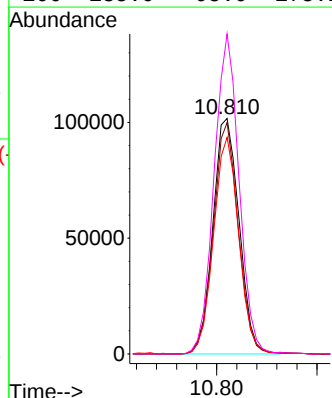
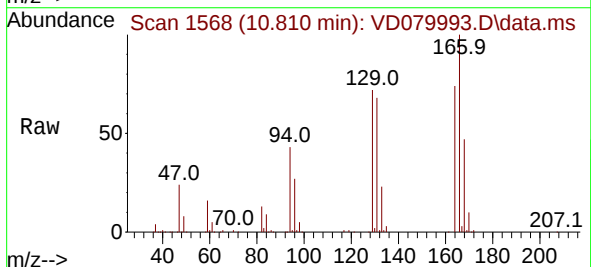
Ion Ratio Lower Upper

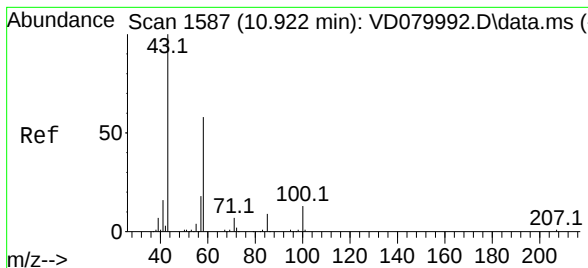
164 100

129 98.2 69.1 128.3

131 92.0 65.4 121.4

166 135.9 95.9 178.1





#48

2-Hexanone

Concen: 109.683 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

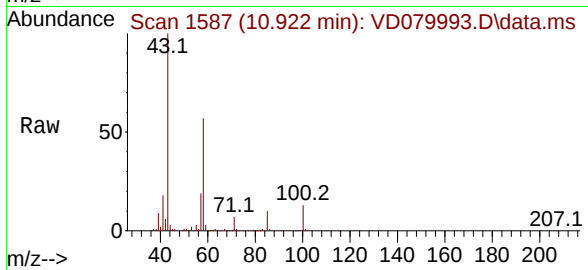
Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 195650

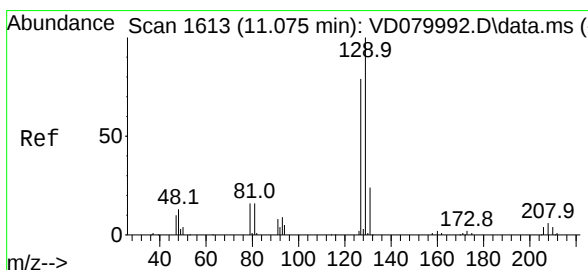
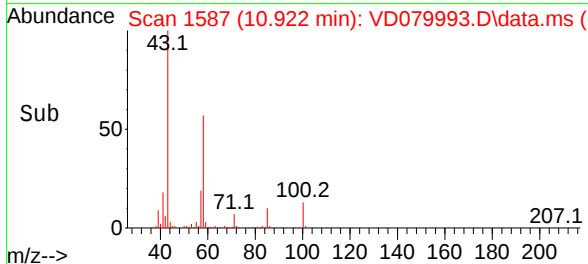
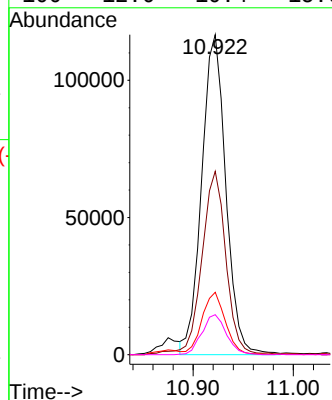
Ion Ratio Lower Upper

43 100

58 54.9 45.9 68.9

57 19.0 15.2 22.8

100 12.6 10.4 15.6



#49

Dibromochloromethane

Concen: 48.180 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD079993.D

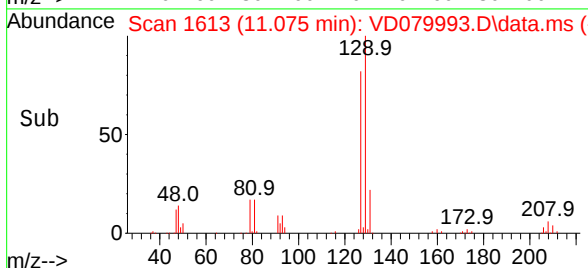
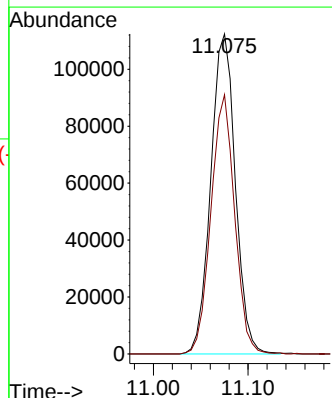
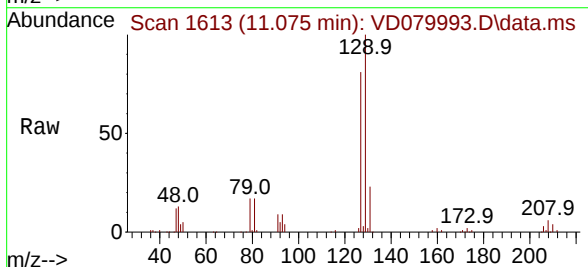
Acq: 12 Nov 2024 11:29

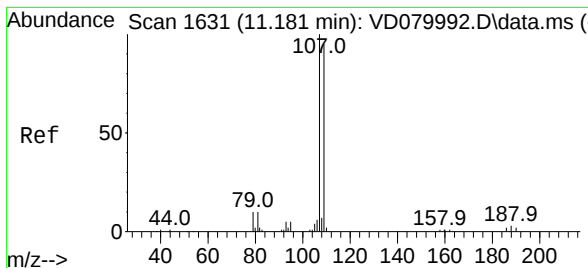
Tgt Ion: 129 Resp: 202523

Ion Ratio Lower Upper

129 100

127 81.0 54.9 102.1





#50

1,2-Dibromoethane

Concen: 48.807 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

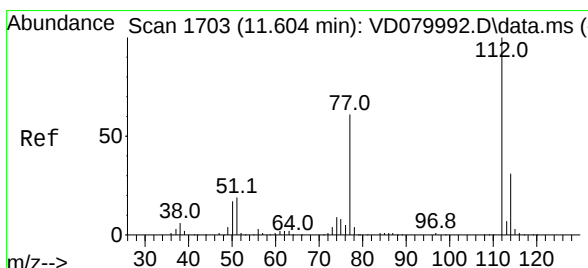
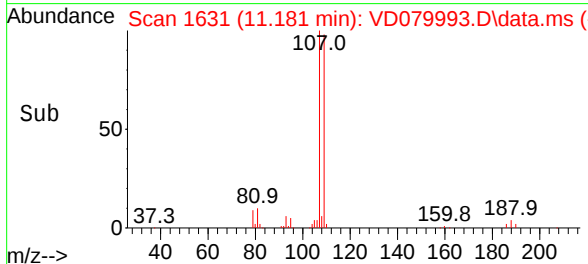
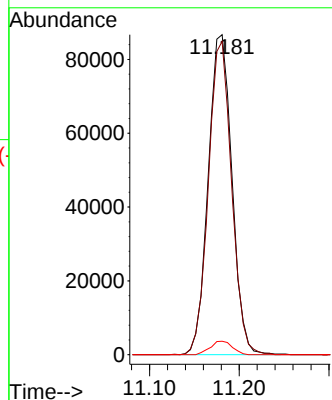
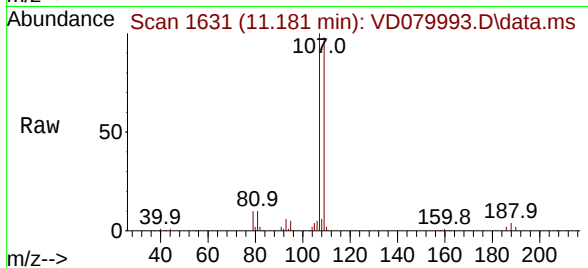
Tgt Ion:107 Resp: 158942

Ion Ratio Lower Upper

107 100

109 97.9 66.6 123.8

188 4.2 2.8 4.2#



#51

Chlorobenzene

Concen: 50.584 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

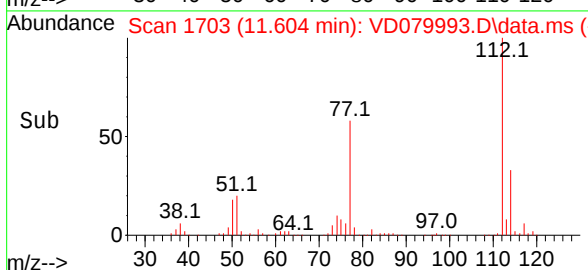
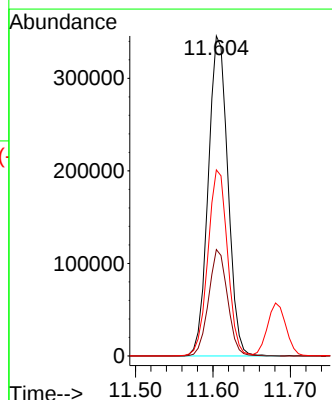
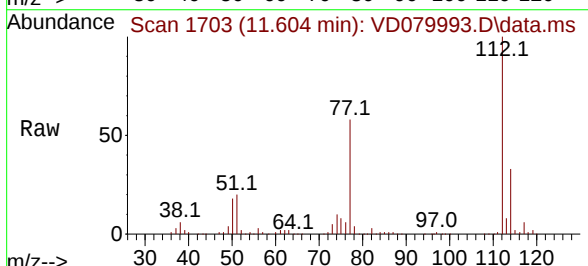
Tgt Ion:112 Resp: 607553

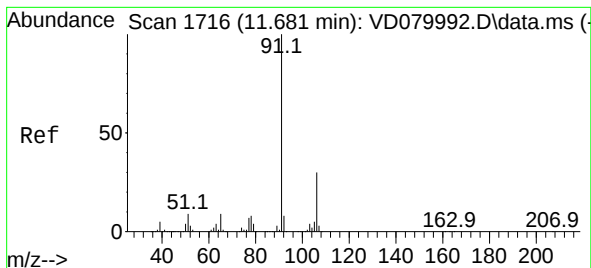
Ion Ratio Lower Upper

112 100

114 33.2 21.8 40.4

77 58.2 49.1 73.7

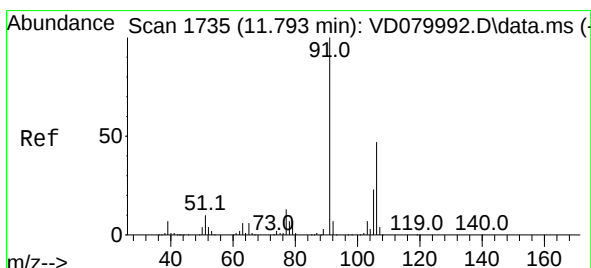
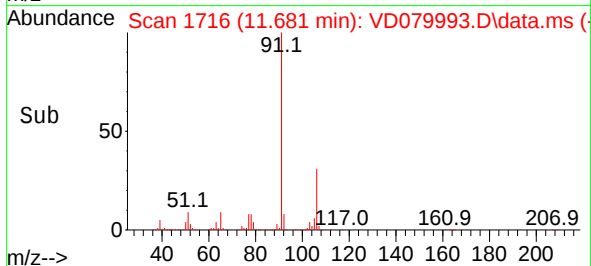
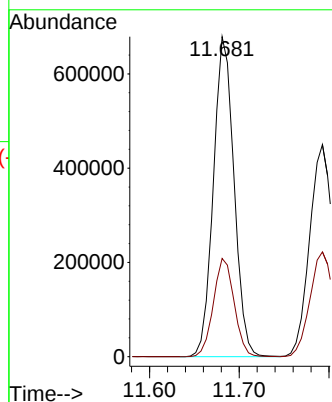
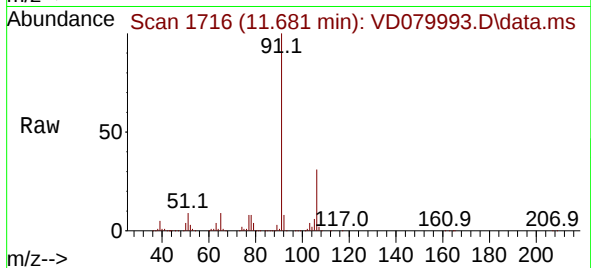




#52
Ethylbenzene
Concen: 54.821 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

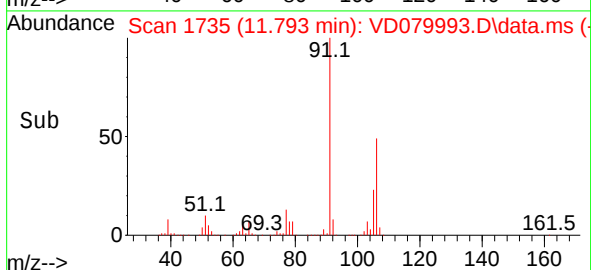
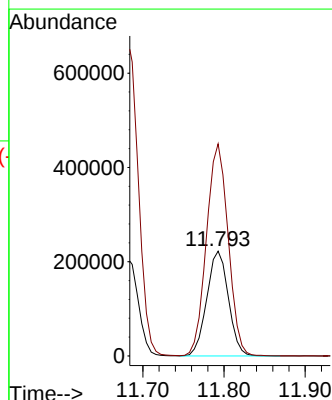
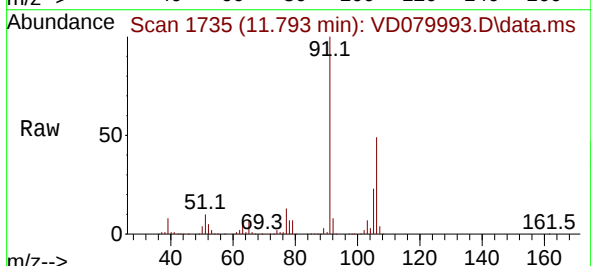
Instrument :
MSVOA_D
ClientSampleId :

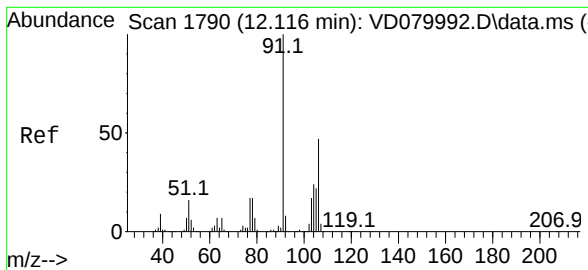
Tgt Ion: 91 Resp: 1083863
Ion Ratio Lower Upper
91 100
106 30.7 21.2 39.4



#53
m,p-Xylene
Concen: 55.405 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Tgt Ion:106 Resp: 410739
Ion Ratio Lower Upper
106 100
91 202.5 149.3 277.3

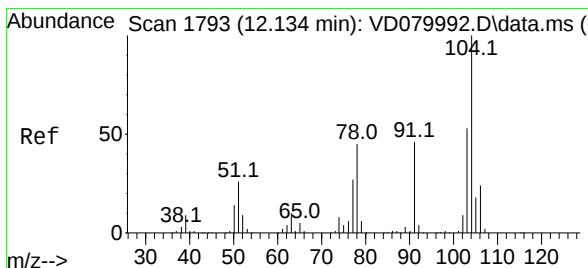
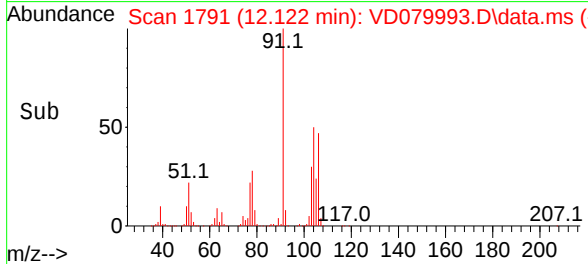
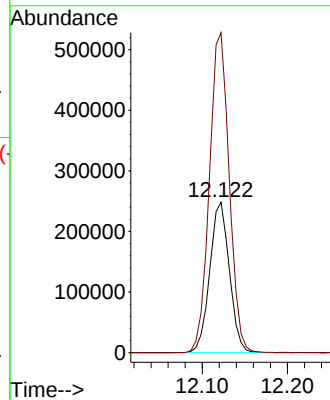
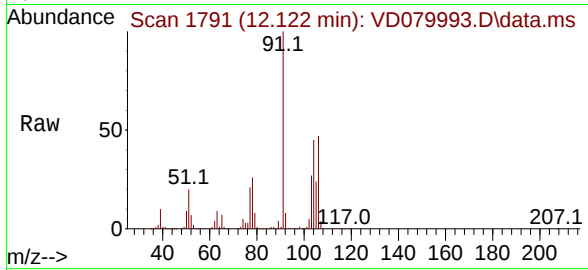




#54
o-Xylene
Concen: 56.078 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

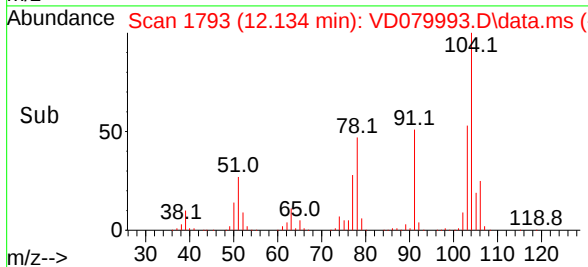
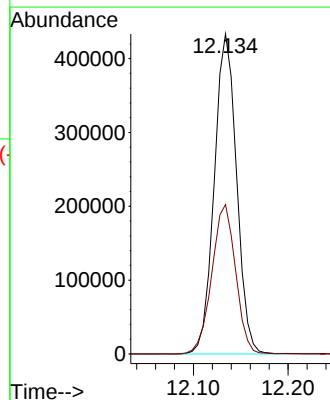
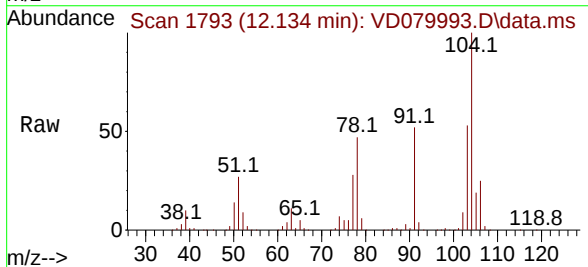
Instrument :
MSVOA_D
ClientSampleId :

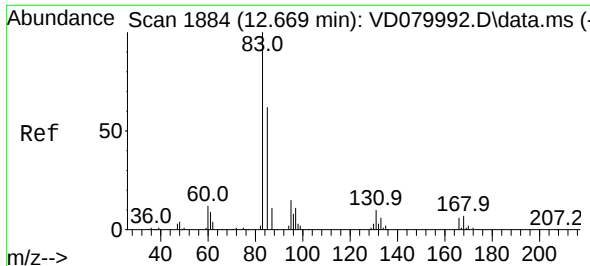
Tgt Ion:106 Resp: 396235
Ion Ratio Lower Upper
106 100
91 212.5 148.0 274.8



#55
Styrene
Concen: 55.721 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Tgt Ion:104 Resp: 708306
Ion Ratio Lower Upper
104 100
78 46.7 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 47.470 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

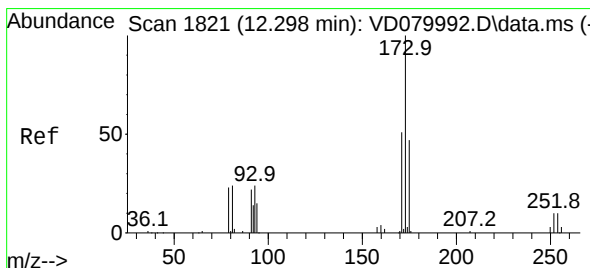
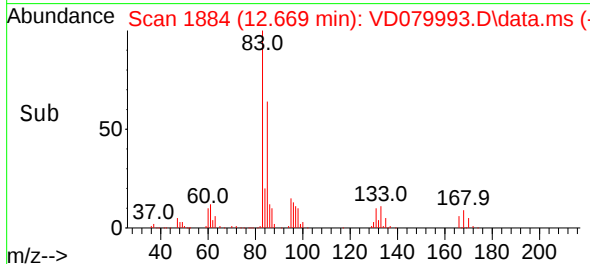
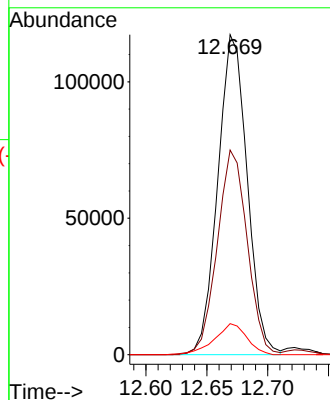
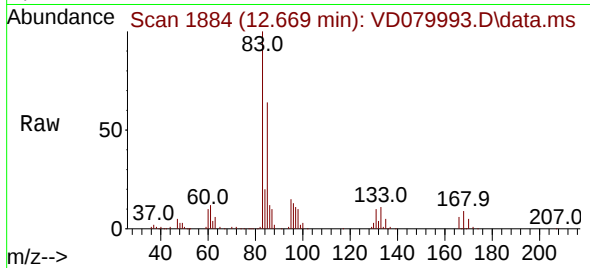
Tgt Ion: 83 Resp: 196794

Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.4

131 9.7 8.6 13.0



#59

Bromoform

Concen: 47.619 ug/L

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

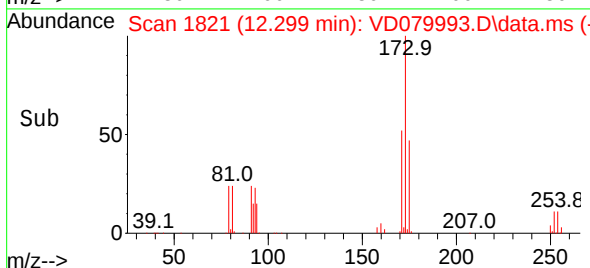
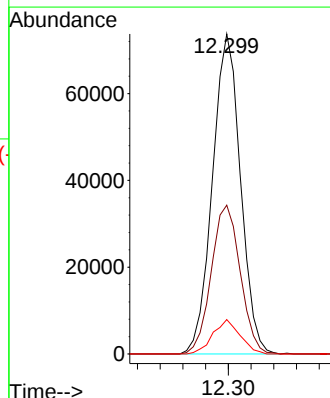
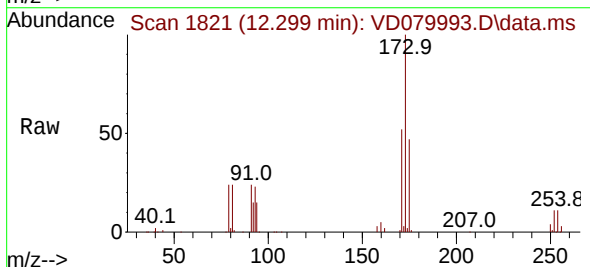
Tgt Ion:173 Resp: 126281

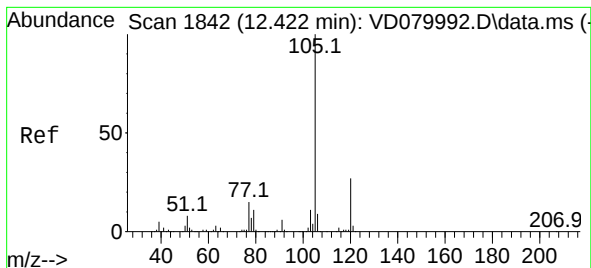
Ion Ratio Lower Upper

173 100

175 48.1 39.0 58.6

254 10.4 8.3 12.5





#60

Isopropylbenzene

Concen: 54.543 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

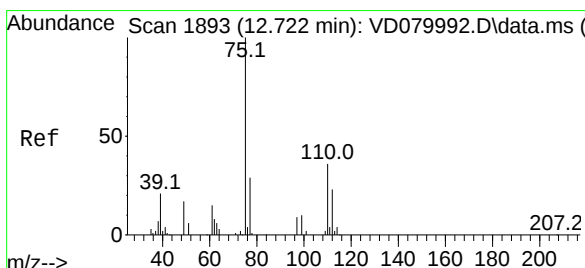
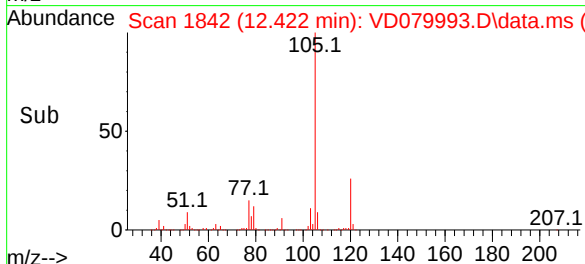
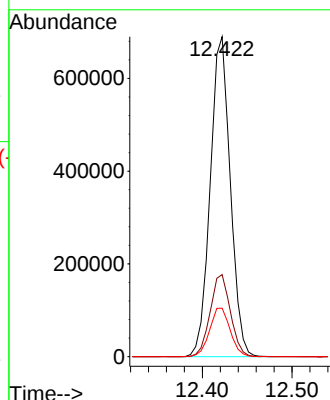
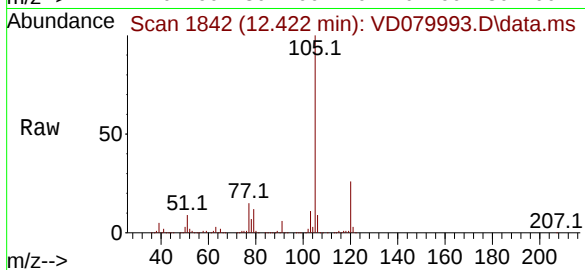
Tgt Ion:105 Resp: 1071273

Ion Ratio Lower Upper

105 100

120 26.0 21.3 31.9

77 15.5 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 48.323 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

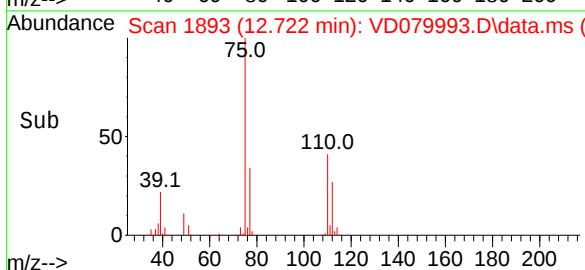
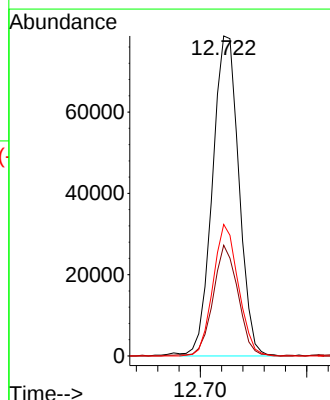
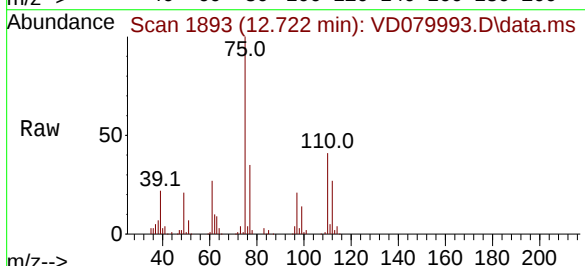
Tgt Ion: 75 Resp: 135332

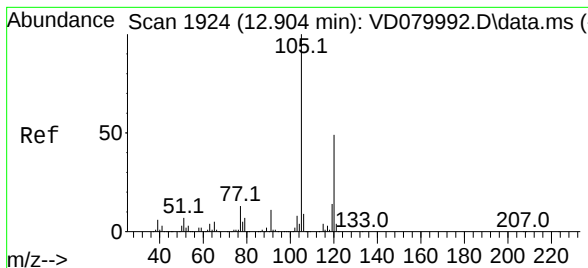
Ion Ratio Lower Upper

75 100

77 32.6 26.3 39.5

110 39.4 30.2 45.2

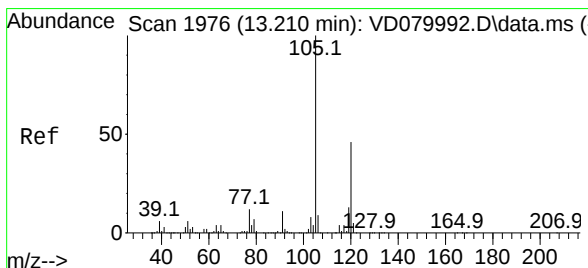
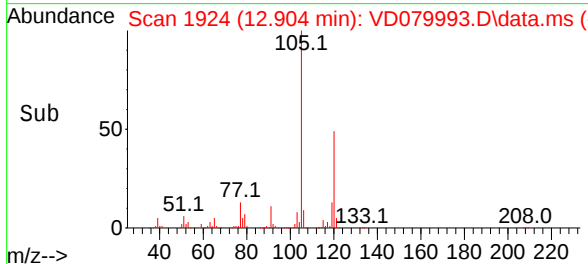
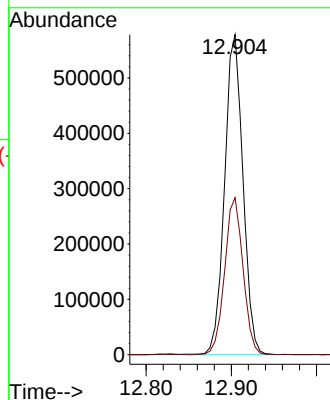
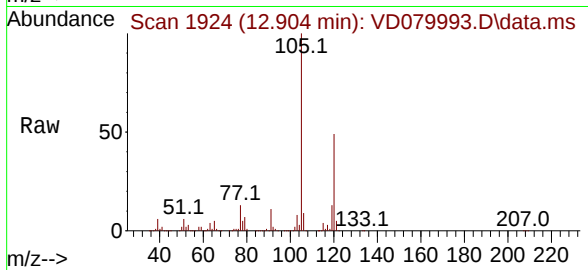




#62
1,3,5-Trimethylbenzene
Concen: 56.158 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

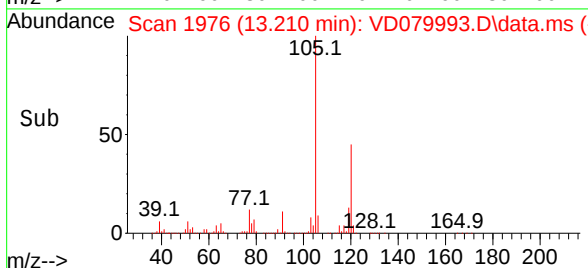
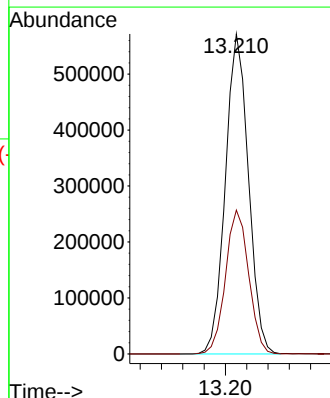
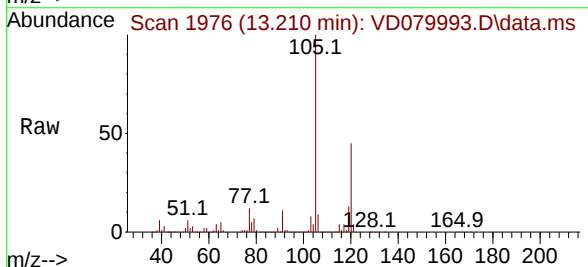
Instrument :
MSVOA_D
ClientSampleId :

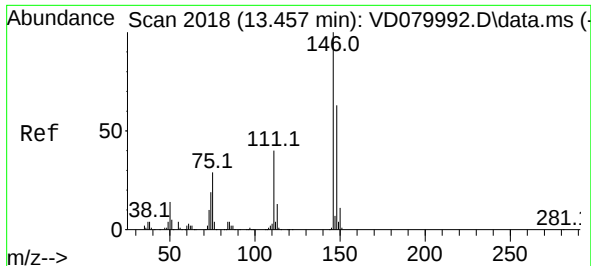
Tgt Ion:105 Resp: 866266
Ion Ratio Lower Upper
105 100
120 49.0 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 55.964 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Tgt Ion:105 Resp: 859555
Ion Ratio Lower Upper
105 100
120 45.2 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 51.268 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

Instrument :

MSVOA_D

ClientSampleId :

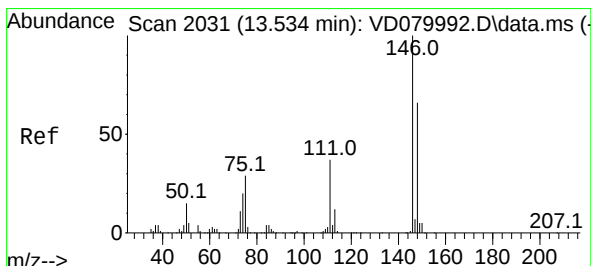
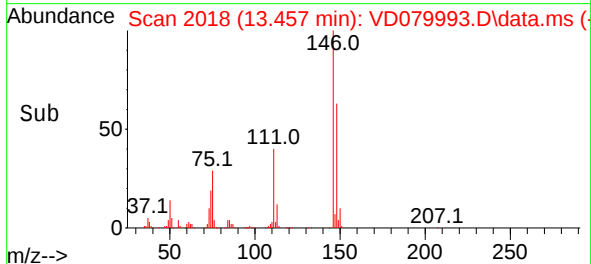
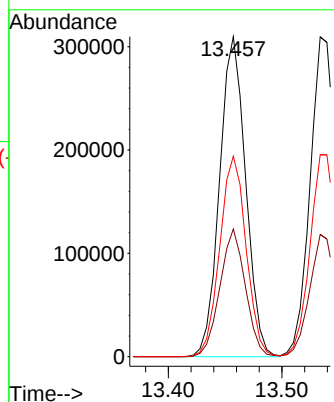
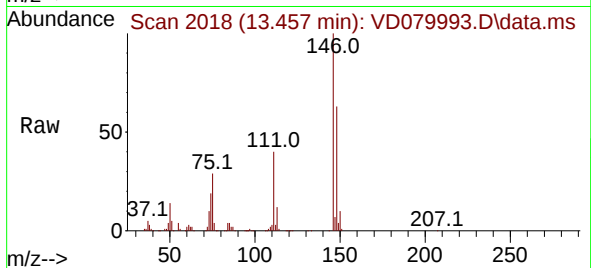
Tgt Ion:146 Resp: 494274

Ion Ratio Lower Upper

146 100

111 39.9 28.2 52.4

148 62.7 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 49.786 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079993.D

Acq: 12 Nov 2024 11:29

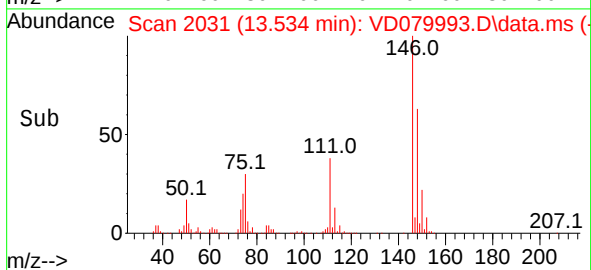
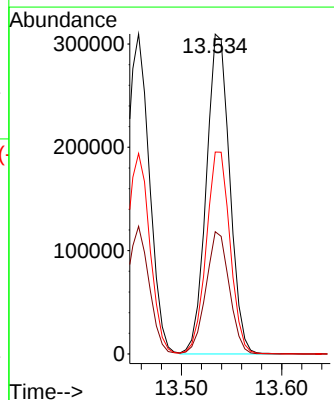
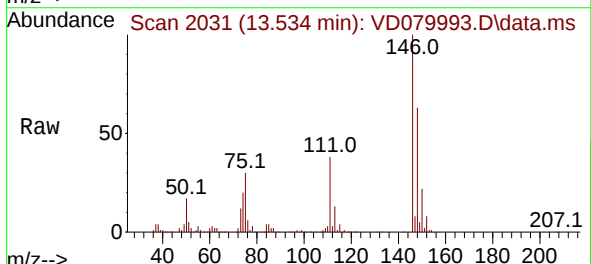
Tgt Ion:146 Resp: 502812

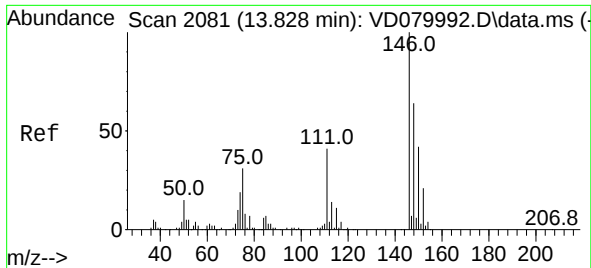
Ion Ratio Lower Upper

146 100

111 38.2 26.2 48.8

148 63.2 46.1 85.5

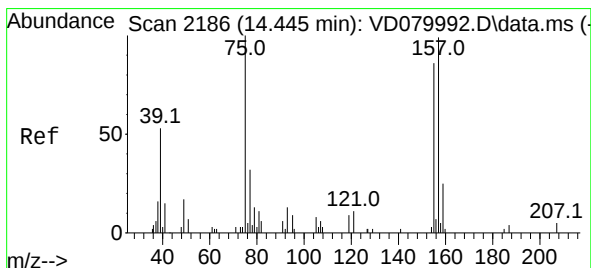
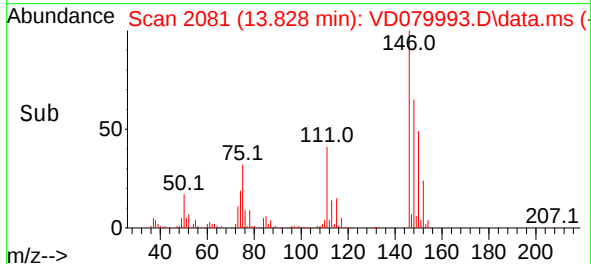
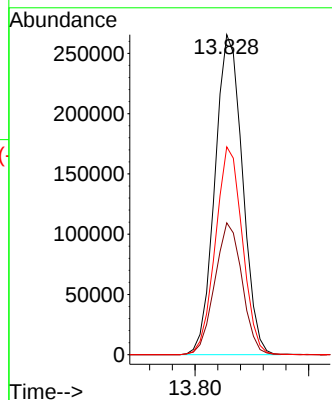
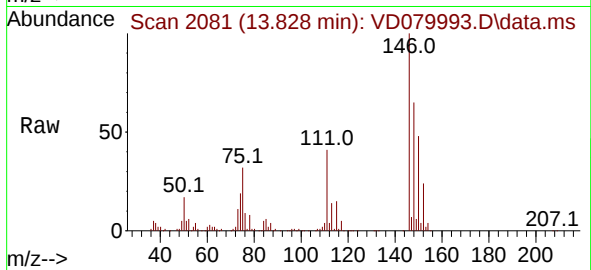




#67
1,2-Dichlorobenzene
Concen: 50.236 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

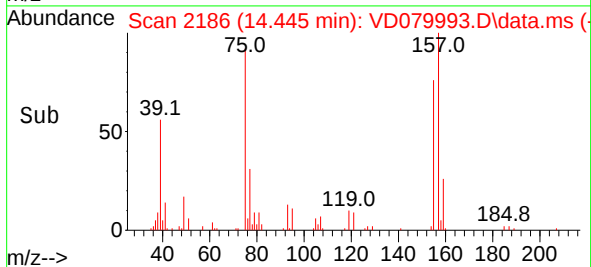
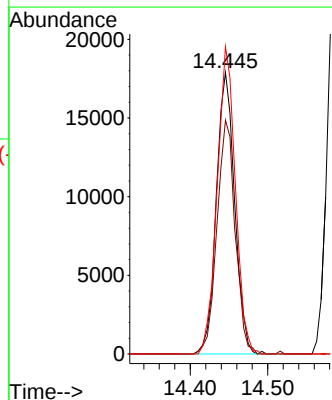
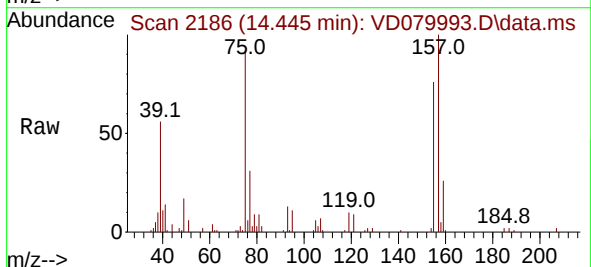
Instrument :
MSVOA_D
ClientSampleId :

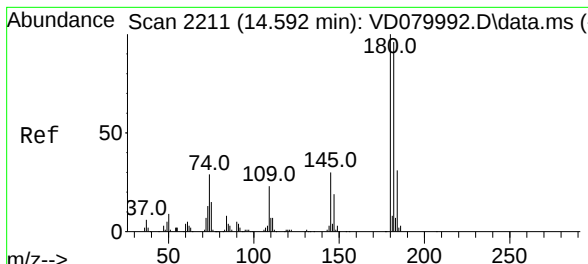
Tgt Ion:146 Resp: 447490
Ion Ratio Lower Upper
146 100
111 41.2 33.0 49.6
148 65.0 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 48.219 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Tgt Ion: 75 Resp: 29427
Ion Ratio Lower Upper
75 100
155 83.0 68.7 103.1
157 109.1 79.4 119.2



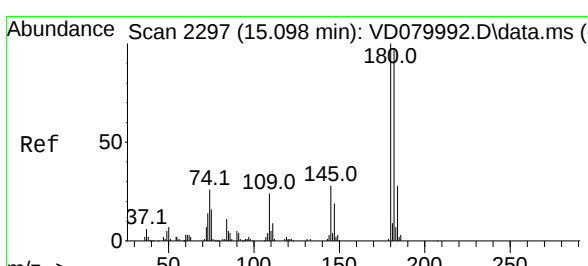
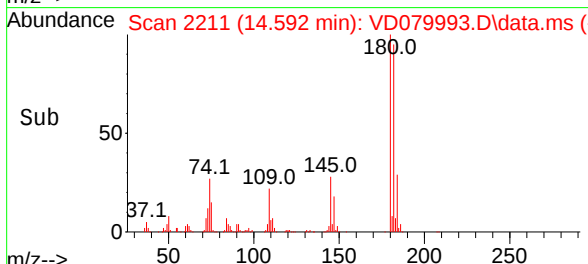
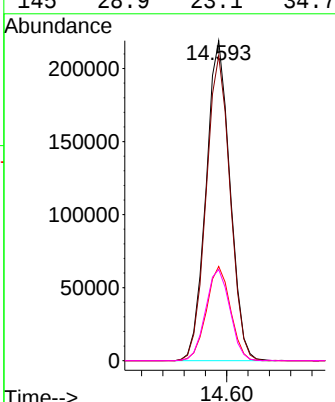
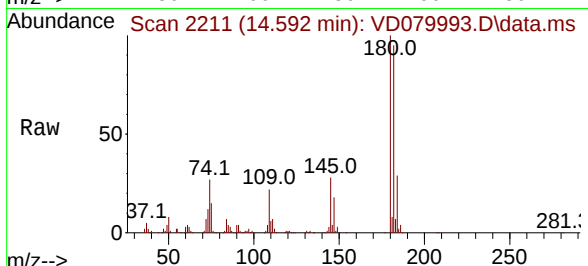


#69
 1,3,5-Trichlorobenzene
 Concen: 52.552 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD079993.D
 Acq: 12 Nov 2024 11:29

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:180 Resp: 342235

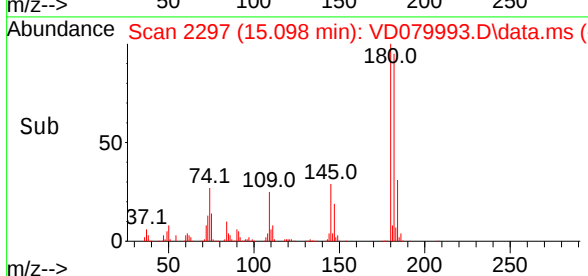
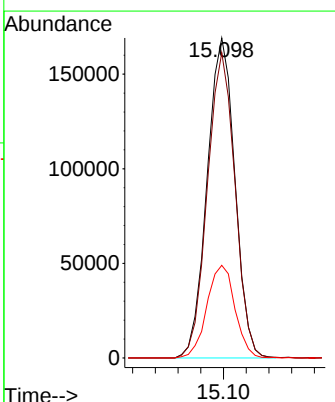
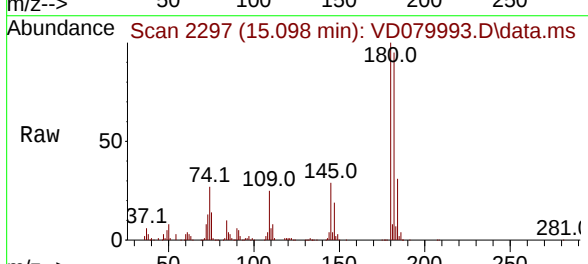
Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
184	29.4	24.6	36.8
145	28.9	23.1	34.7

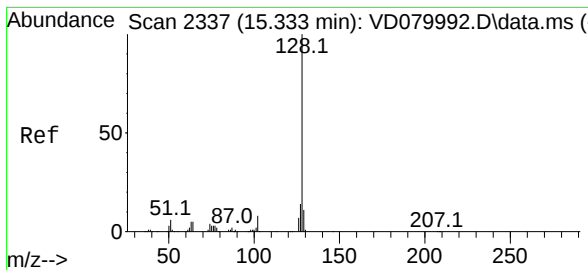


#70
 1,2,4-trichlorobenzene
 Concen: 52.339 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD079993.D
 Acq: 12 Nov 2024 11:29

Tgt Ion:180 Resp: 287204

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.9	113.9
145	29.2	23.0	34.4

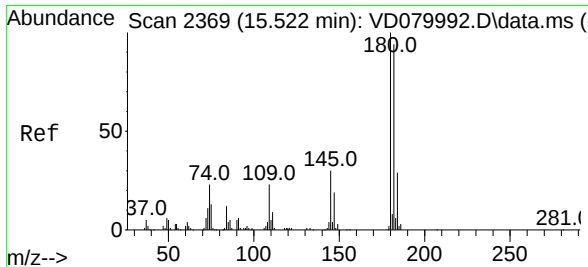
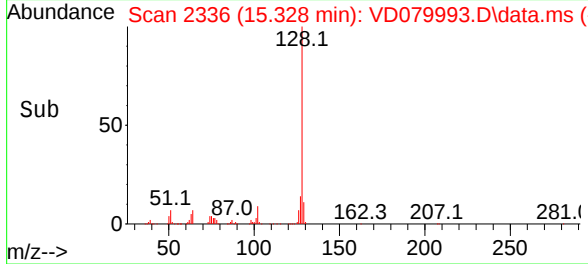
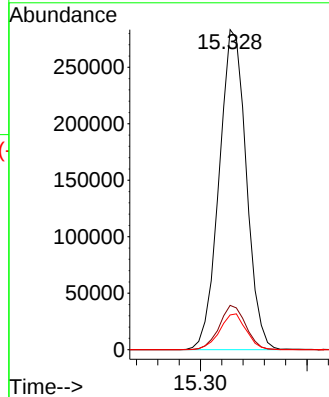
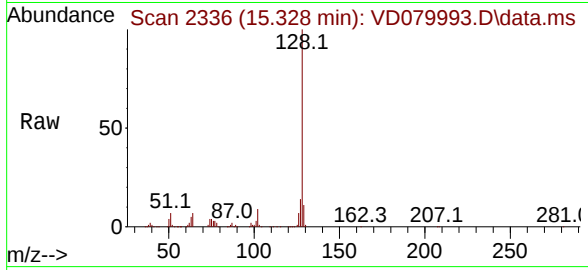




#71
Naphthalene
Concen: 53.510 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 501642
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.6
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.724 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD079993.D
Acq: 12 Nov 2024 11:29

Tgt Ion:180 Resp: 260261
Ion Ratio Lower Upper
180 100
182 94.0 75.8 113.8
145 30.7 24.9 37.3

