

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
 Data File : VD079111.D
 Acq On : 31 May 2024 16:47
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 01 00:37:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	189234	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	188054	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	75859	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	121257	20.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.280%
7) Chloroethane-d5	2.799	69	121182	21.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.080%
11) 1,1-Dichloroethene-d2	3.922	65	22121	21.398	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.600%
21) 2-Butanone-d5	6.987	46	21088	47.346	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.700%
24) Chloroform-d	7.569	84	108980	20.597	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	8.228	65	53590	21.956	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.840%
32) Benzene-d6	8.198	84	221560	21.253	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	9.204	67	64311	21.416	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.680%
41) Toluene-d8	10.269	98	195544	20.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.120%
43) trans-1,3-Dichloroprop...	10.522	79	27124	21.489	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.960%
47) 2-Hexanone-d5	10.875	63	17844	45.964	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.920%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	56725	21.326	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	62436	23.848	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	648	0.216	ug/L #	82
3) Chloromethane	2.146	50	1732	0.434	ug/L	99
5) Vinyl chloride	2.281	62	3026	0.459	ug/L #	32
6) Bromomethane	2.693	94	2457	0.483	ug/L	87
9) Trichlorofluoromethane	3.175	101	1753	0.349	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	849	0.282	ug/L #	71
16) Methylene chloride	4.799	84	16665	4.942	ug/L	86
17) trans-1,2-Dichloroethene	5.310	96	410	0.145	ug/L	85
19) 1,1-Dichloroethane	6.110	63	1174	0.257	ug/L #	49
25) Chloroform	7.587	83	3146	0.608	ug/L	91
27) 1,2-Dichloroethane	8.334	62	646	0.215	ug/L #	72
31) Carbon tetrachloride	7.987	117	1232	0.298	ug/L	94
33) Benzene	8.246	78	3199	0.286	ug/L	100
35) Methylcyclohexane	9.269	83	923	0.193	ug/L #	52
38) Bromodichloromethane	9.587	83	1282	0.336	ug/L #	75
39) cis-1,3-Dichloropropene	10.016	75	1507	0.352	ug/L	82
40) 4-Methyl-2-pentanone	10.163	43	742	0.648	ug/L #	81
42) Toluene	10.334	91	3986	0.320	ug/L	89
44) trans-1,3-Dichloropropene	10.557	75	1166	0.322	ug/L #	77

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Instrument :
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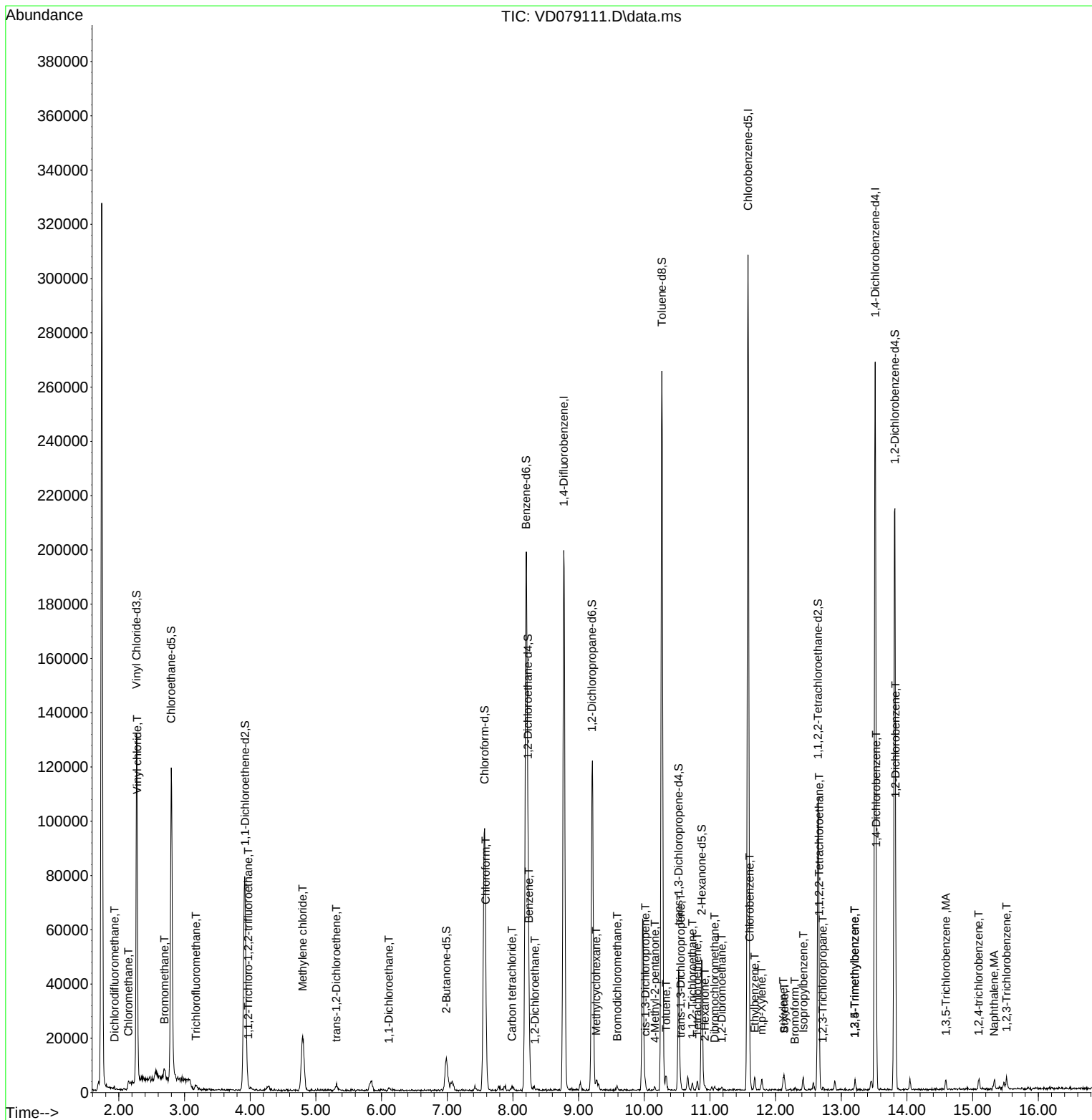
Quant Time: Jun 01 00:37:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

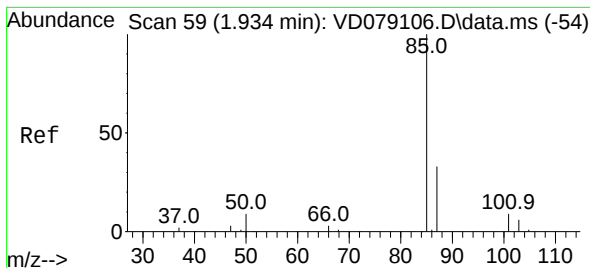
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.734	97	873	0.363	ug/L #	70
46) Tetrachloroethene	10.804	164	652	0.257	ug/L #	85
48) 2-Hexanone	10.922	43	868	0.876	ug/L #	84
49) Dibromochloromethane	11.069	129	1013	0.355	ug/L	91
50) 1,2-Dibromoethane	11.181	107	838	0.379	ug/L #	88
51) Chlorobenzene	11.604	112	3082	0.372	ug/L	94
52) Ethylbenzene	11.681	91	3689	0.284	ug/L	87
53) m,p-Xylene	11.787	106	1523	0.299	ug/L #	41
54) o-Xylene	12.116	106	1181	0.240	ug/L	78
55) Styrene	12.134	104	1988	0.228	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.663	83	1347	0.500	ug/L #	83
59) Bromoform	12.292	173	487	0.350	ug/L #	36
60) Isopropylbenzene	12.422	105	3303	0.329	ug/L	96
61) 1,2,3-Trichloropropane	12.716	75	657	0.491	ug/L #	80
62) 1,3,5-Trimethylbenzene	13.204	105	2519	0.367	ug/L	97
63) 1,2,4-Trimethylbenzene	13.204	105	2519	0.343	ug/L	98
65) 1,4-Dichlorobenzene	13.533	146	2745	0.538	ug/L	93
67) 1,2-Dichlorobenzene	13.828	146	2632	0.591	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.592	180	1758	0.578	ug/L #	25
70) 1,2,4-trichlorobenzene	15.092	180	1806	0.716	ug/L #	86
71) Naphthalene	15.328	128	4052	0.858	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.516	180	1914	0.877	ug/L #	17

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

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Quant Title : SFAM01.0
QLast Update : Sat Jun 01 00:34:30 2024
Response via : Initial Calibration

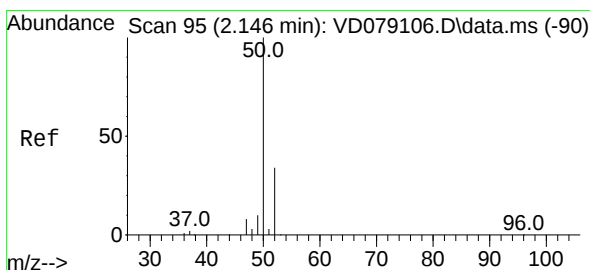
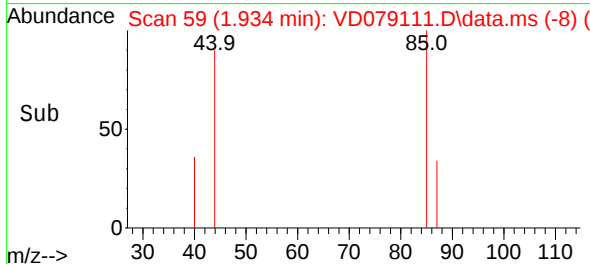
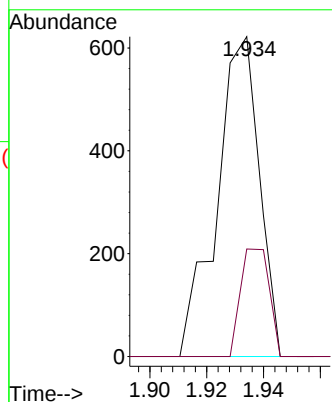
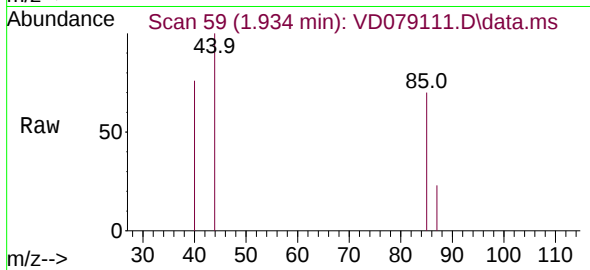




#2
Dichlorodifluoromethane
Concen: 0.216 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079111.D
Acq: 31 May 2024 16:47

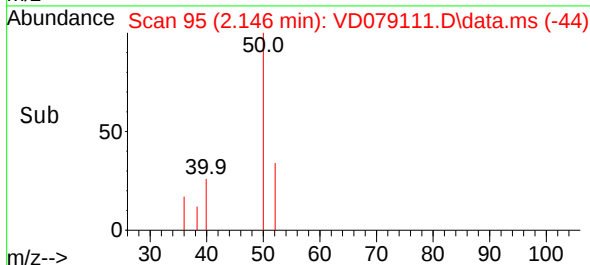
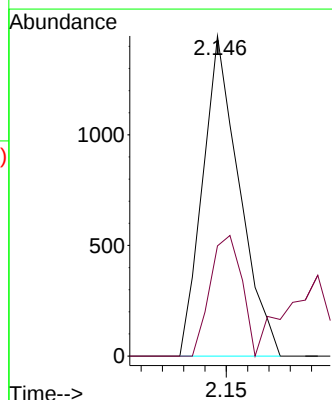
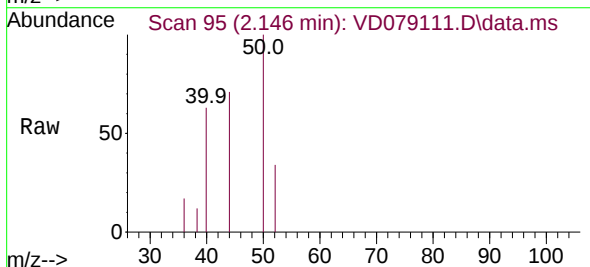
Instrument :
MSVOA_D
ClientSampleId :

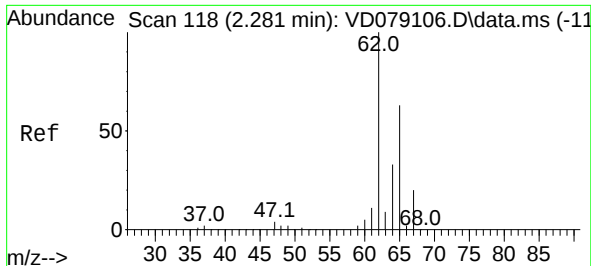
Tgt Ion: 85 Resp: 648
Ion Ratio Lower Upper
85 100
87 22.7 26.2 39.4#



#3
Chloromethane
Concen: 0.434 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079111.D
Acq: 31 May 2024 16:47

Tgt Ion: 50 Resp: 1732
Ion Ratio Lower Upper
50 100
52 34.4 24.4 45.2

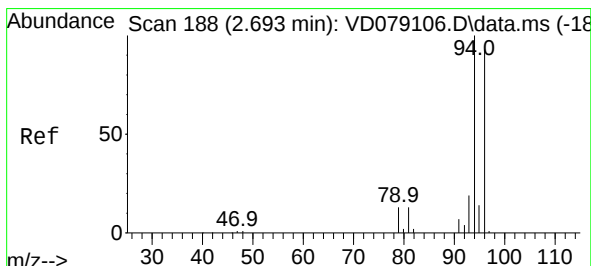
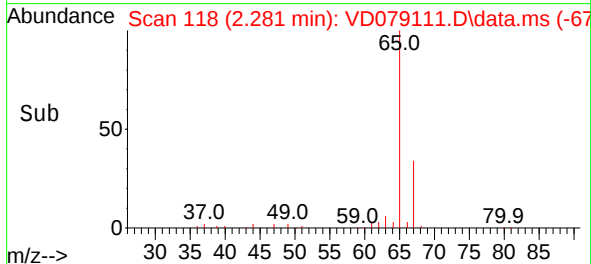
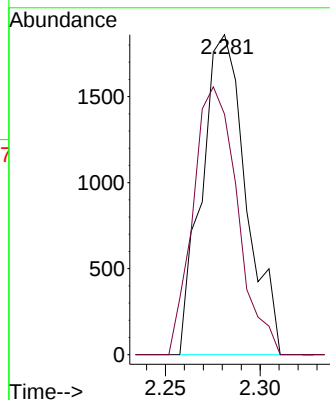
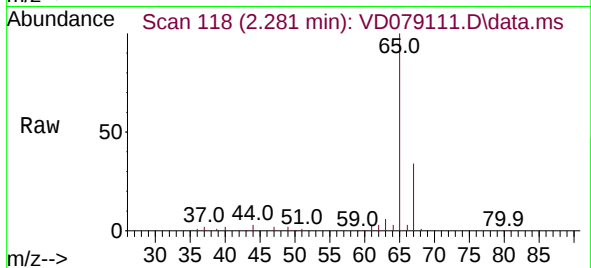




#5
 Vinyl chloride
 Concen: 0.459 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD079111.D
 Acq: 31 May 2024 16:47

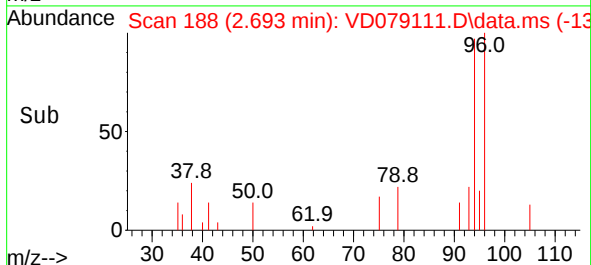
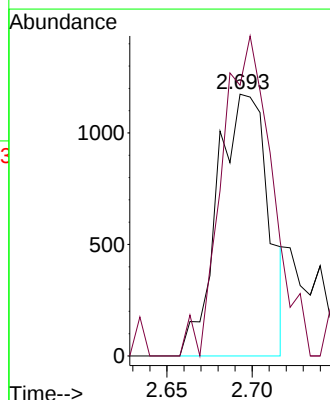
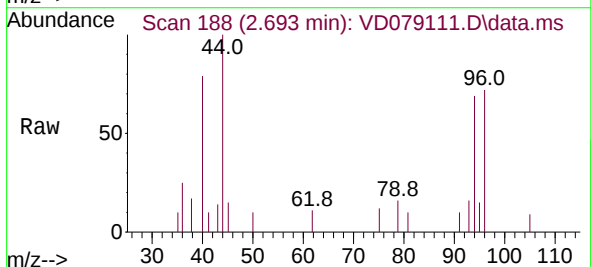
Instrument :
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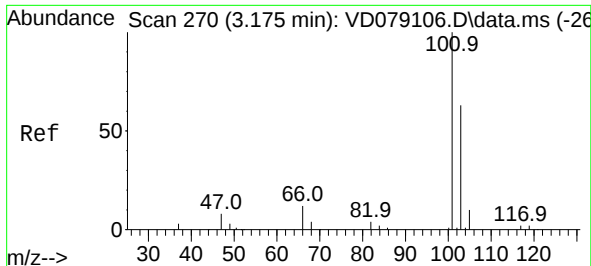
Tgt Ion: 62 Resp: 3026
 Ion Ratio Lower Upper
 62 100
 64 75.2 24.8 46.1#



#6
 Bromomethane
 Concen: 0.483 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD079111.D
 Acq: 31 May 2024 16:47

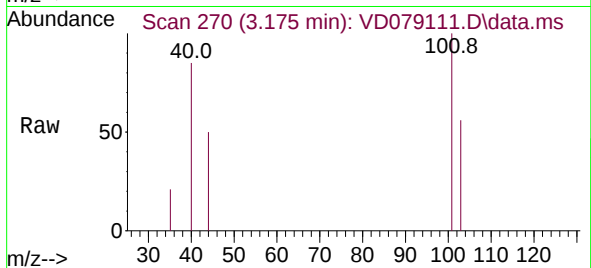
Tgt Ion: 94 Resp: 2457
 Ion Ratio Lower Upper
 94 100
 96 103.4 63.6 118.2



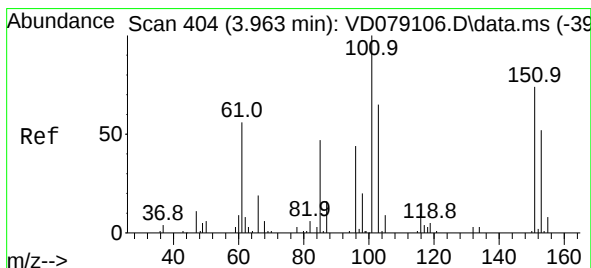
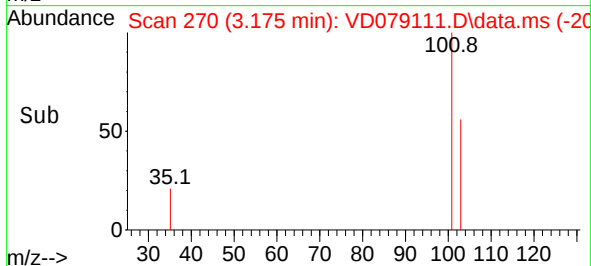
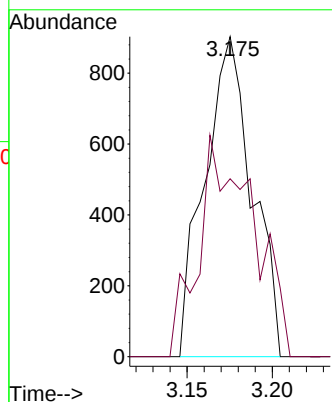


#9
Trichlorofluoromethane
Concen: 0.349 ug/L
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079111.D
Acq: 31 May 2024 16:47

Instrument :
MSVOA_D
ClientSampleId :

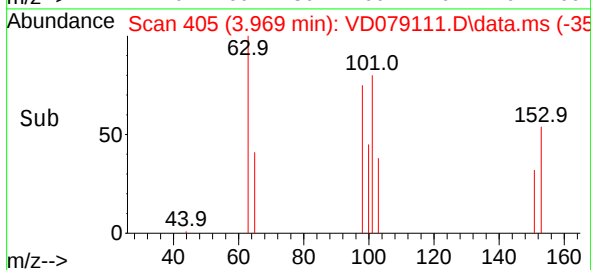
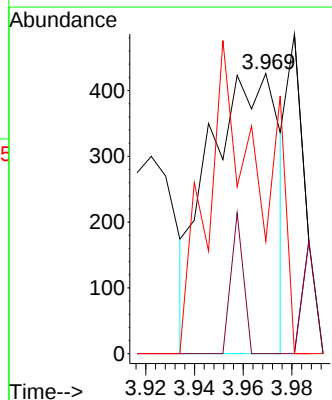
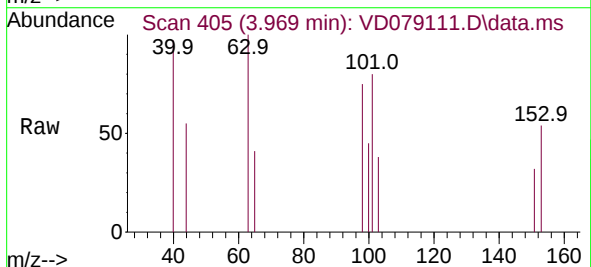


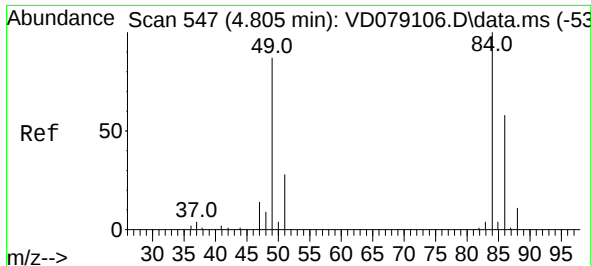
Tgt Ion:101 Resp: 1753
Ion Ratio Lower Upper
101 100
103 15.8 52.6 79.0#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.282 ug/L
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD079111.D
Acq: 31 May 2024 16:47

Tgt Ion:101 Resp: 849
Ion Ratio Lower Upper
101 100
85 0.0 35.4 53.0#
151 69.1 59.1 88.7





#16

Methylene chloride

Concen: 4.942 ug/L

RT: 4.799 min Scan# 547

Delta R.T. -0.006 min

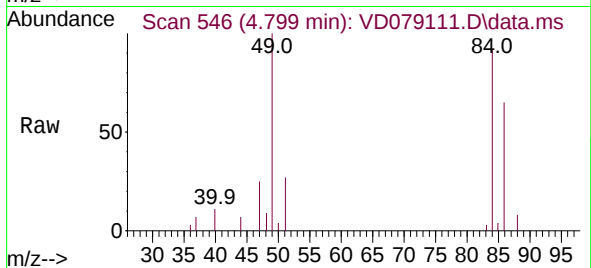
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Acq: 31 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :



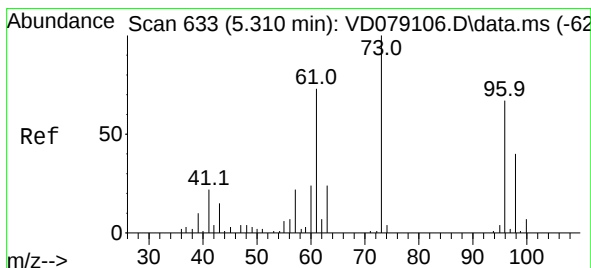
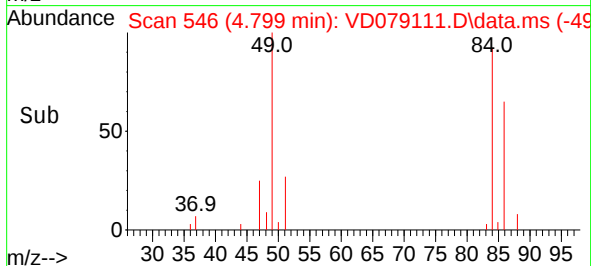
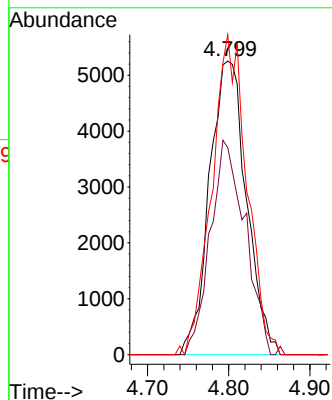
Tgt Ion: 84 Resp: 16665

Ion Ratio Lower Upper

84 100

86 70.5 40.9 76.0

49 109.0 67.5 125.3



#17

trans-1,2-Dichloroethene

Concen: 0.145 ug/L

RT: 5.310 min Scan# 633

Delta R.T. -0.000 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

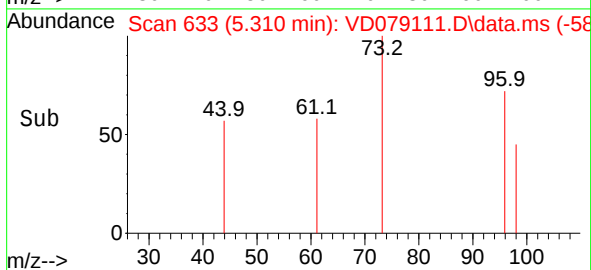
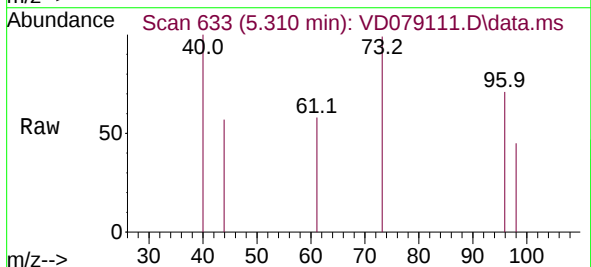
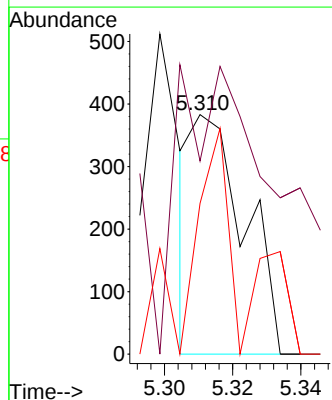
Tgt Ion: 96 Resp: 410

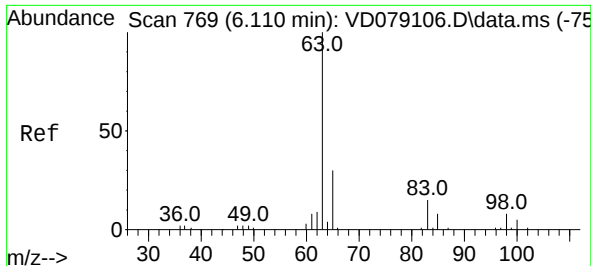
Ion Ratio Lower Upper

96 100

61 80.7 71.9 133.5

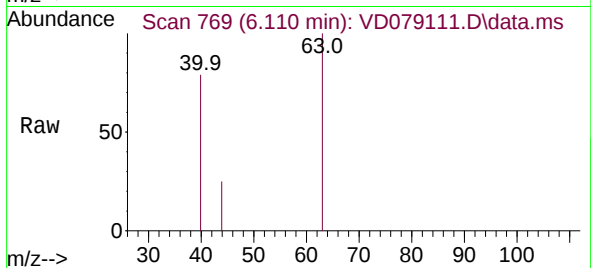
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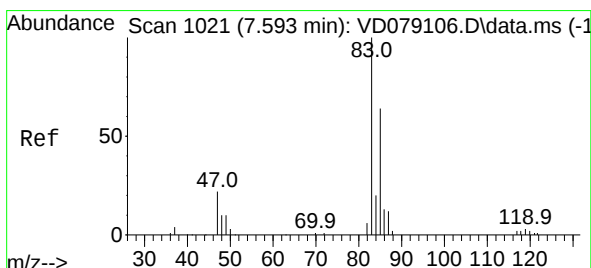
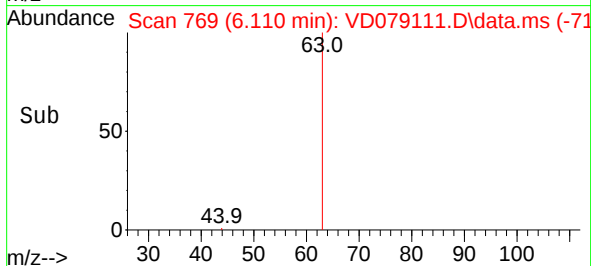
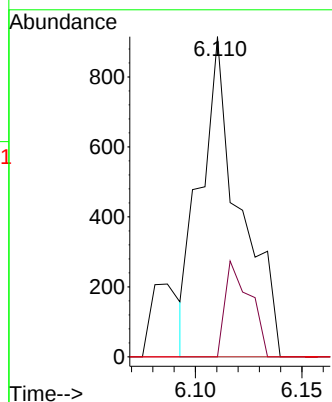


#19
1,1-Dichloroethane
Concen: 0.257 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD079111.D
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Instrument :
MSVOA_D
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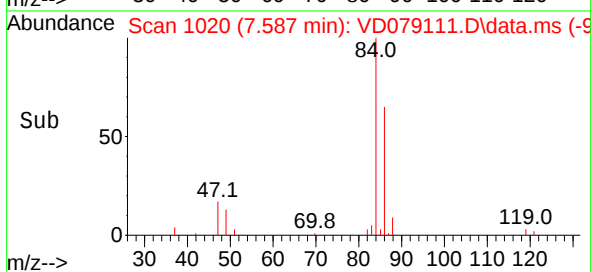
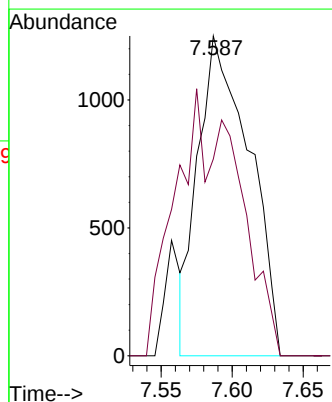
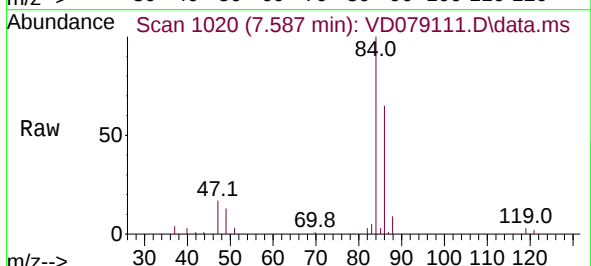


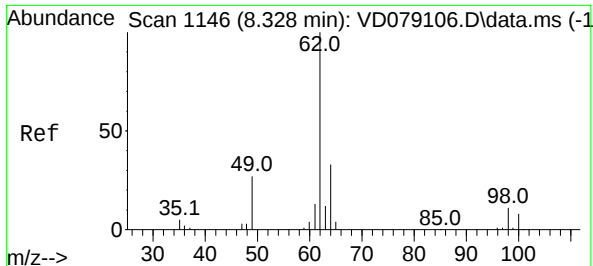
Tgt Ion: 63 Resp: 1174
Ion Ratio Lower Upper
63 100
65 0.0 22.8 42.4#
83 0.0 8.6 16.0#



#25
Chloroform
Concen: 0.608 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VD079111.D
Acq: 31 May 2024 16:47

Tgt Ion: 83 Resp: 3146
Ion Ratio Lower Upper
83 100
85 61.5 47.9 89.1

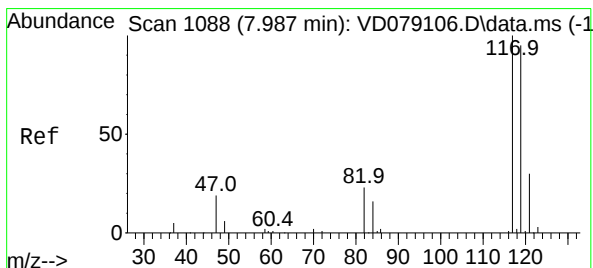
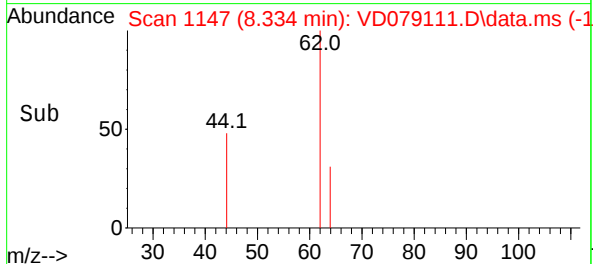
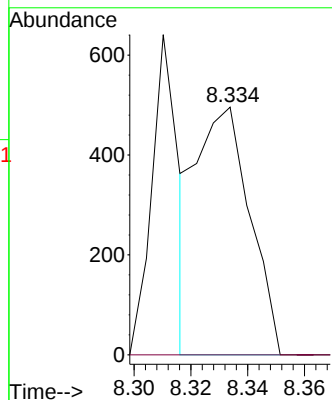
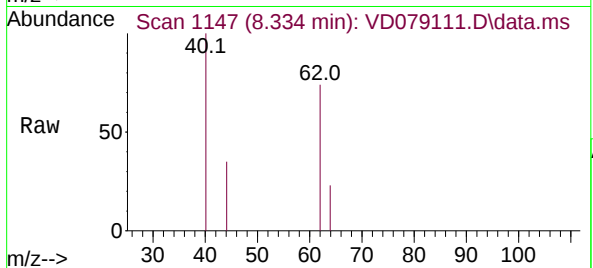




#27
1,2-Dichloroethane
Concen: 0.215 ug/L
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD079111.D
Acq: 31 May 2024 16:47

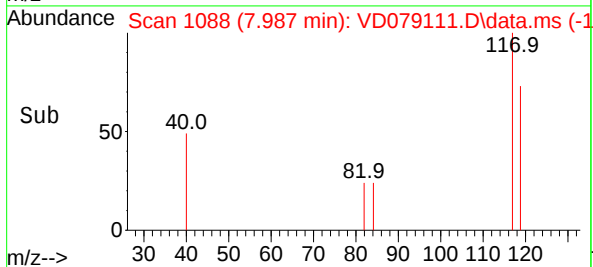
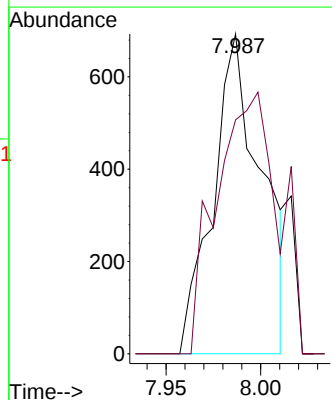
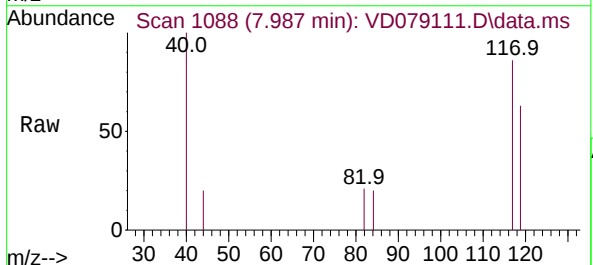
Instrument :
MSVOA_D
ClientSampleId :

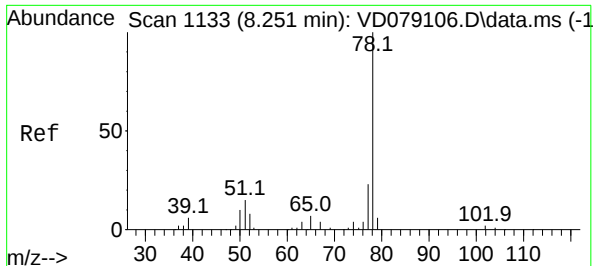
Tgt Ion: 62 Resp: 646
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#31
Carbon tetrachloride
Concen: 0.298 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD079111.D
Acq: 31 May 2024 16:47

Tgt Ion: 117 Resp: 1232
Ion Ratio Lower Upper
117 100
119 93.2 79.6 119.4

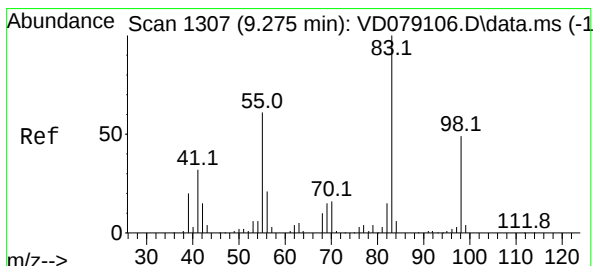
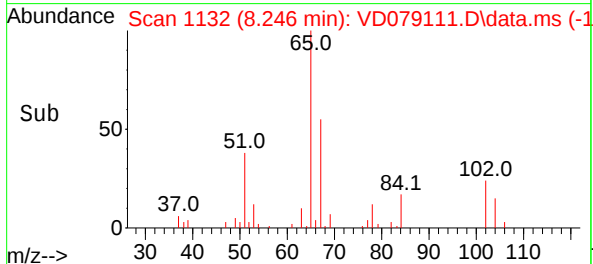
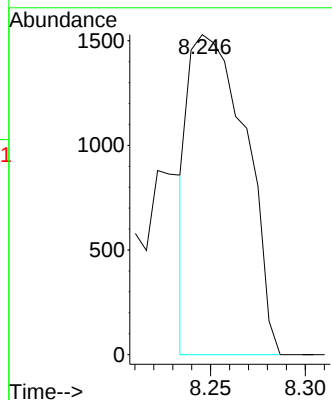
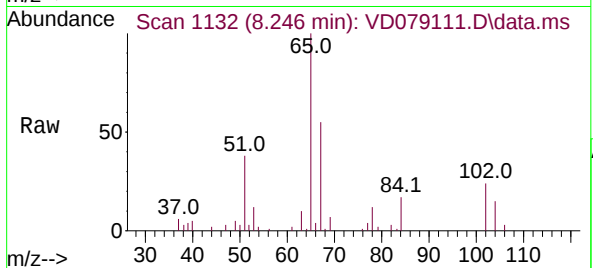




#33
Benzene
Concen: 0.286 ug/L
RT: 8.246 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD079111.D
Acq: 31 May 2024 16:47

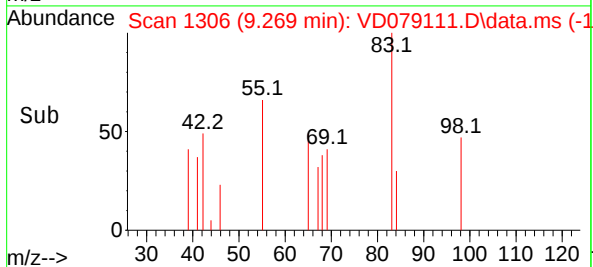
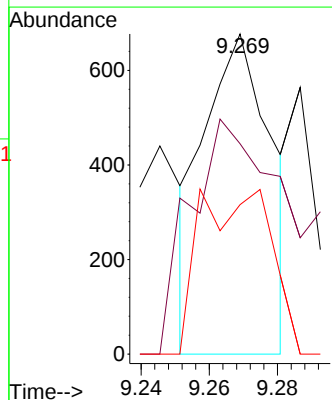
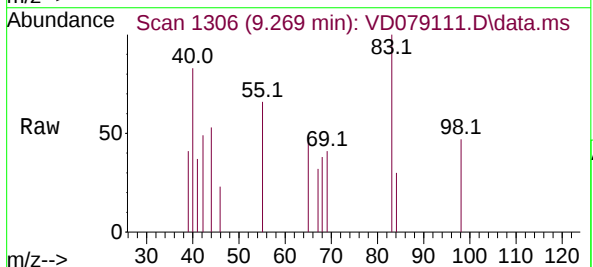
Instrument :
MSVOA_D
ClientSampleId :

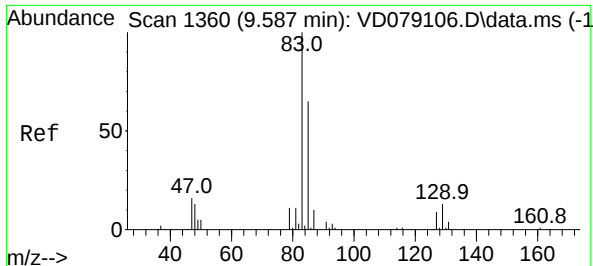
Tgt Ion: 78 Resp: 3199



#35
Methylcyclohexane
Concen: 0.193 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD079111.D
Acq: 31 May 2024 16:47

Tgt Ion: 83 Resp: 923
Ion Ratio Lower Upper
83 100
55 110.0 48.6 72.8#
98 31.7 40.2 60.2#





#38

Bromodichloromethane

Concen: 0.336 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

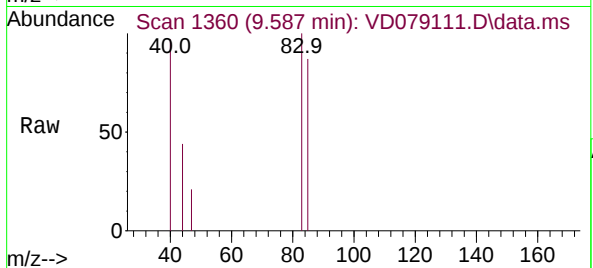
Lab File: VD079111.D

Acq: 31 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :



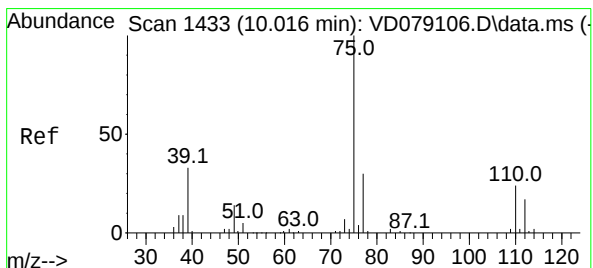
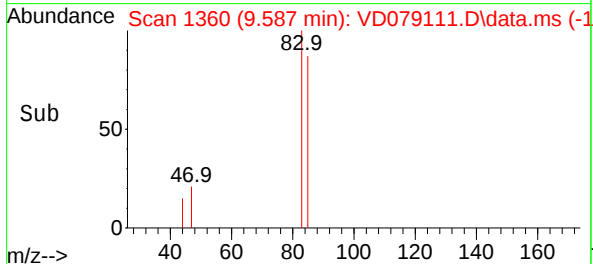
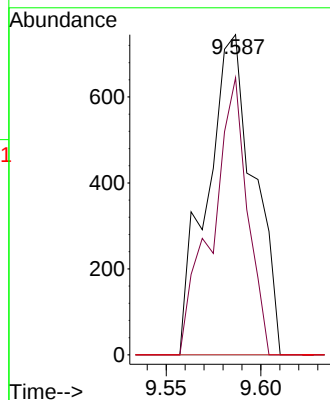
Tgt Ion: 83 Resp: 1282

Ion Ratio Lower Upper

83 100

85 86.6 46.5 86.5#

127 0.0 7.0 10.6#



#39

cis-1,3-Dichloropropene

Concen: 0.352 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079111.D

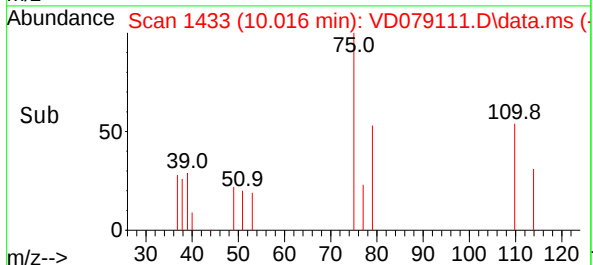
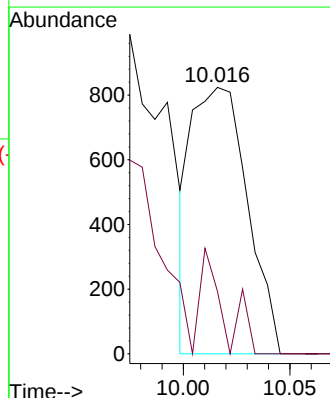
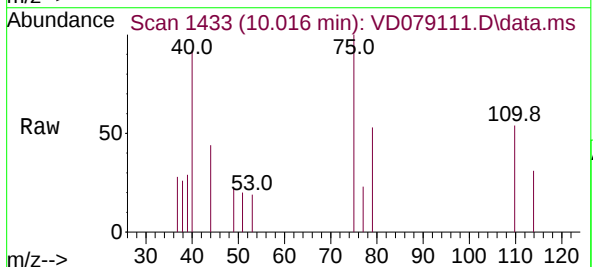
Acq: 31 May 2024 16:47

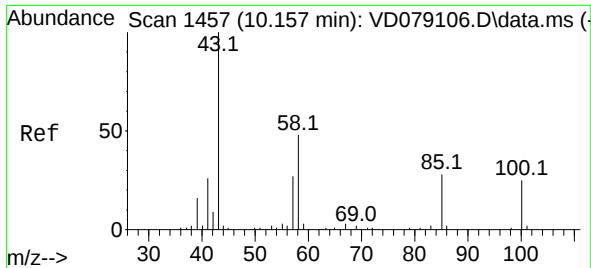
Tgt Ion: 75 Resp: 1507

Ion Ratio Lower Upper

75 100

77 23.4 23.4 43.4





#40

4-Methyl-2-pentanone

Concen: 0.648 ug/L

RT: 10.163 min Scan# 1457

Delta R.T. 0.006 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

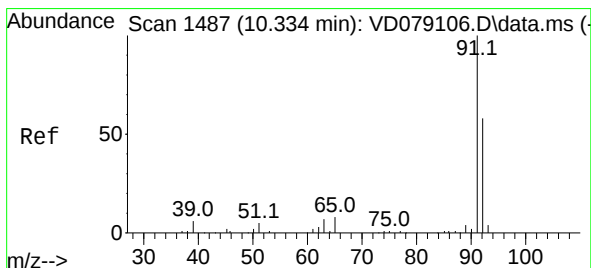
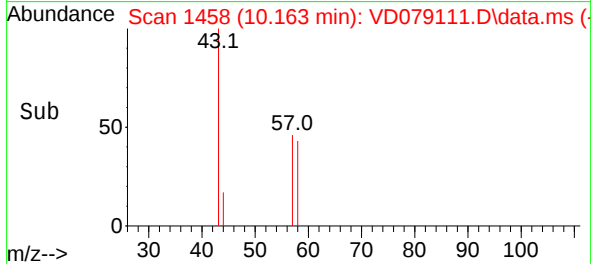
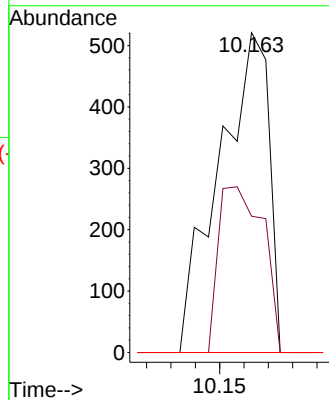
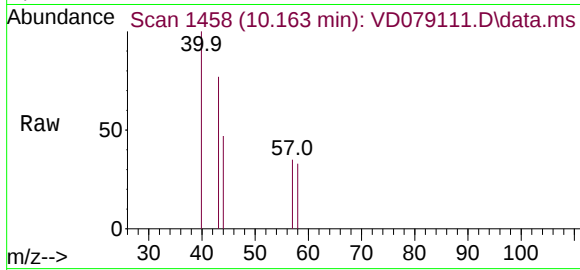
Tgt Ion: 43 Resp: 742

Ion Ratio Lower Upper

43 100

58 46.5 34.0 51.0

100 0.0 16.9 25.3#



#42

Toluene

Concen: 0.320 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079111.D

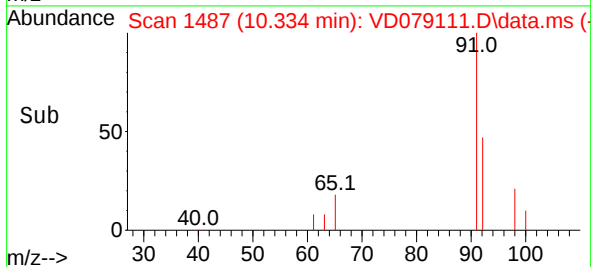
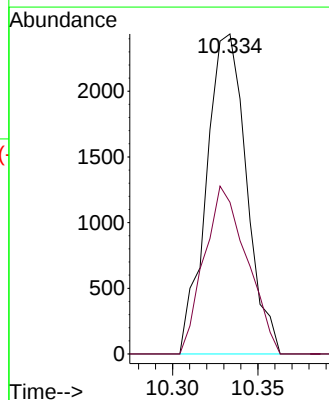
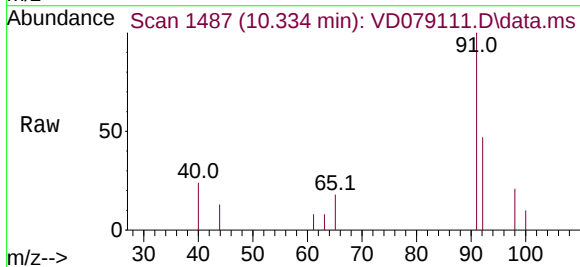
Acq: 31 May 2024 16:47

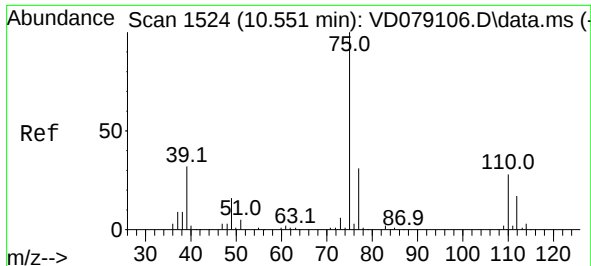
Tgt Ion: 91 Resp: 3986

Ion Ratio Lower Upper

91 100

92 47.4 38.9 72.3





#44

trans-1,3-Dichloropropene

Concen: 0.322 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

Instrument :

MSVOA_D

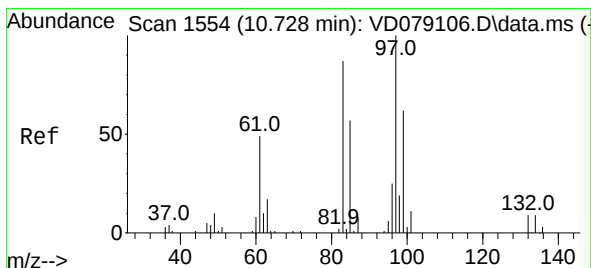
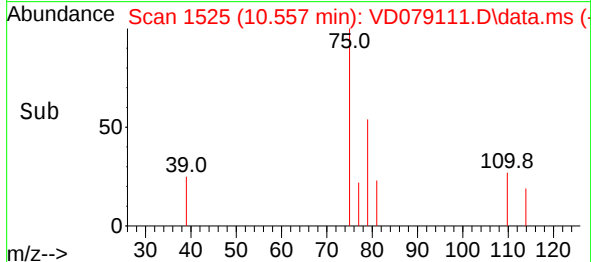
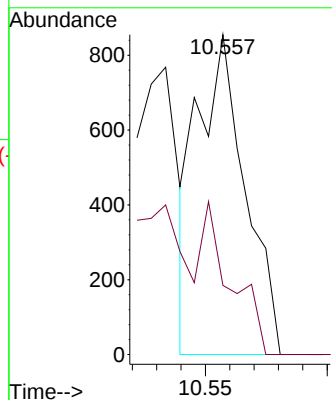
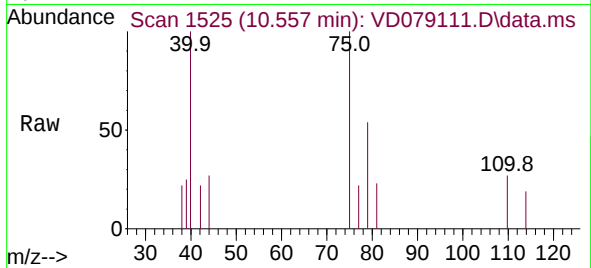
ClientSampleId :

Tgt Ion: 75 Resp: 1166

Ion Ratio Lower Upper

75 100

77 21.6 24.3 45.1#



#45

1,1,2-Trichloroethane

Concen: 0.363 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

Tgt Ion: 97 Resp: 873

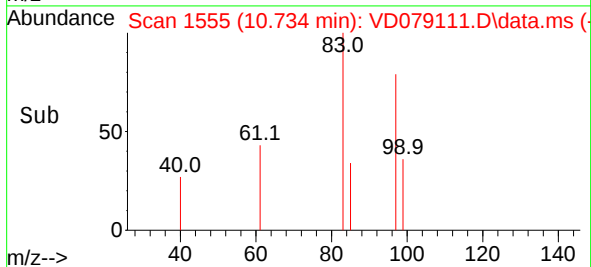
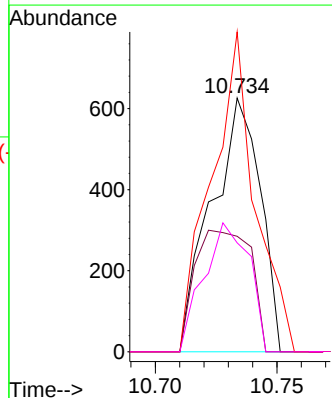
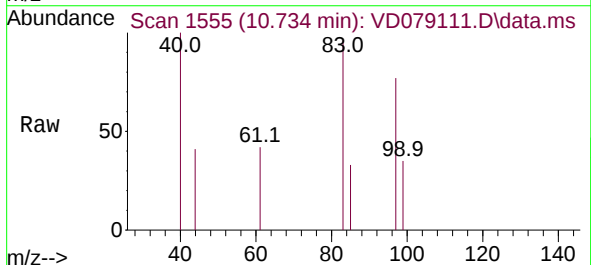
Ion Ratio Lower Upper

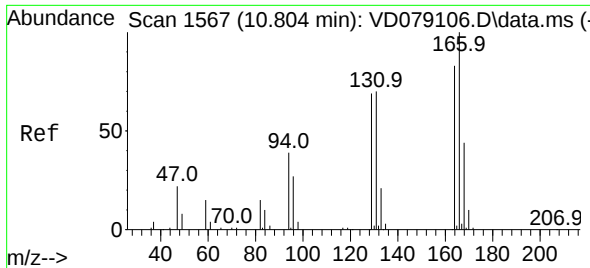
97 100

99 45.5 43.0 79.8

83 126.0 58.9 109.5#

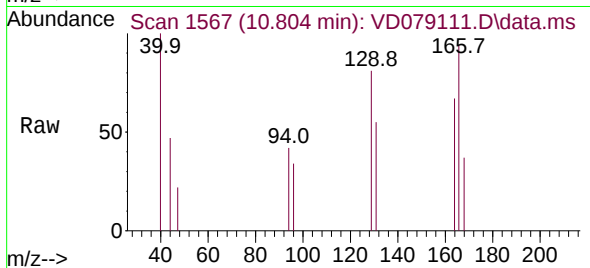
85 43.0 37.2 69.2



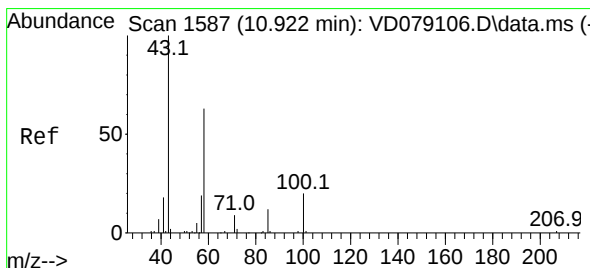
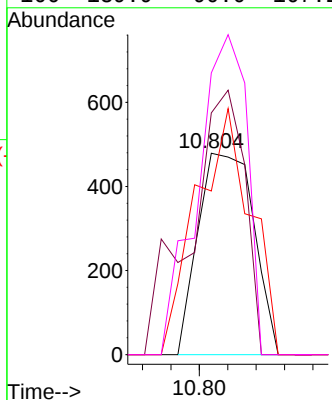
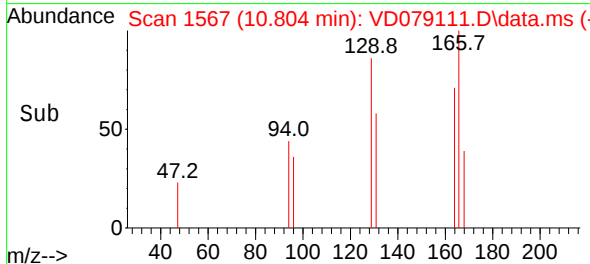


#46
Tetrachloroethene
Concen: 0.257 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD079111.D
Acq: 31 May 2024 16:47

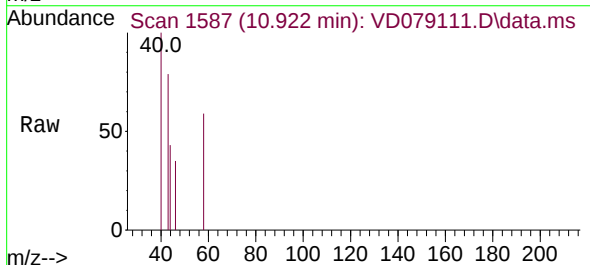
Instrument :
MSVOA_D
ClientSampleId :



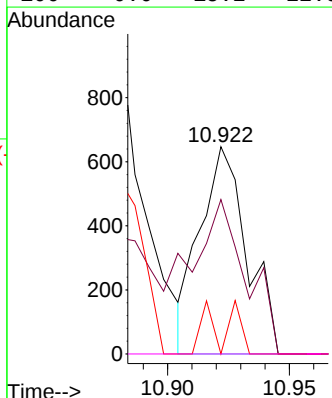
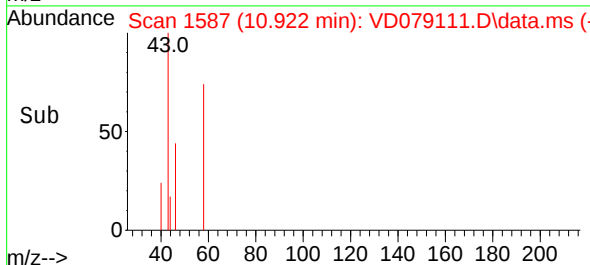
Tgt Ion:164	Resp:	652
Ion	Ratio	Lower Upper
164	100	
129	120.0	64.3 119.5#
131	81.2	61.2 113.8
166	139.9	90.0 167.2

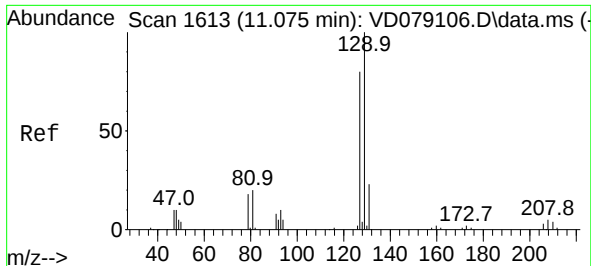


#48
2-Hexanone
Concen: 0.876 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD079111.D
Acq: 31 May 2024 16:47



Tgt Ion: 43	Resp:	868
Ion	Ratio	Lower Upper
43	100	
58	65.1	50.1 75.1
57	6.8	16.5 24.7#
100	0.0	15.2 22.8#





#49

Dibromochloromethane

Concen: 0.355 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

Instrument :

MSVOA_D

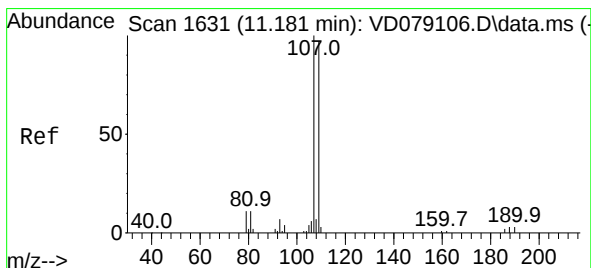
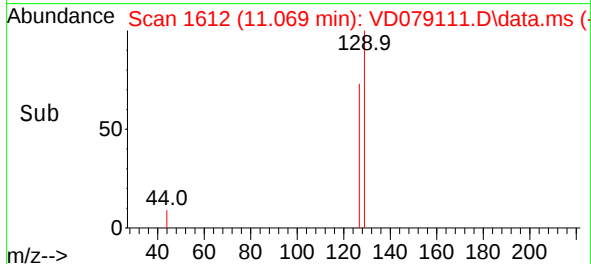
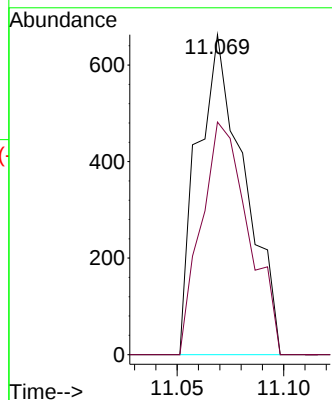
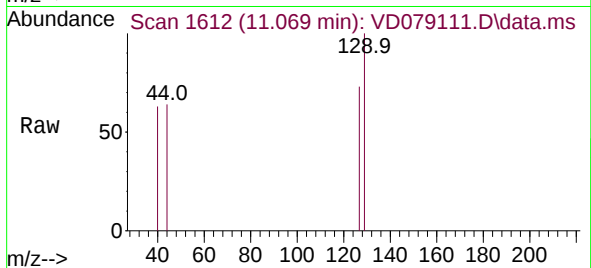
ClientSampleId :

Tgt Ion:129 Resp: 1013

Ion Ratio Lower Upper

129 100

127 72.7 56.4 104.7



#50

1,2-Dibromoethane

Concen: 0.379 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

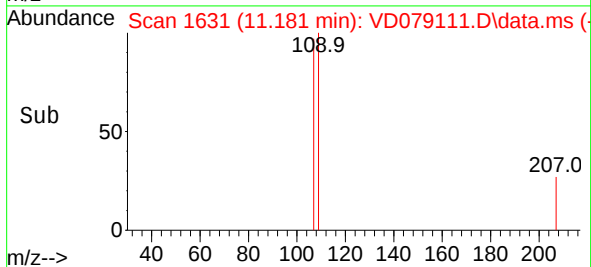
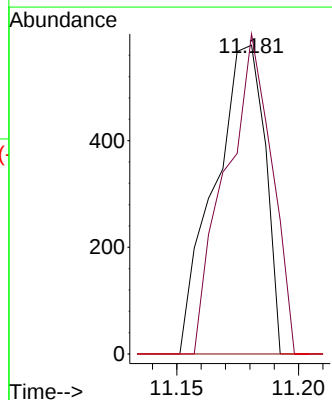
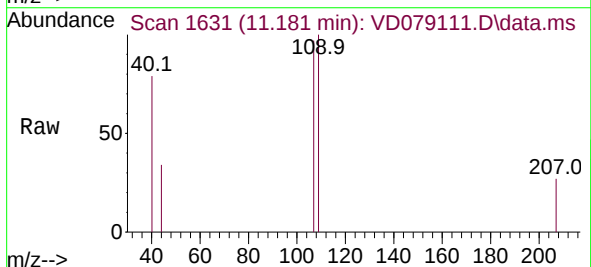
Tgt Ion:107 Resp: 838

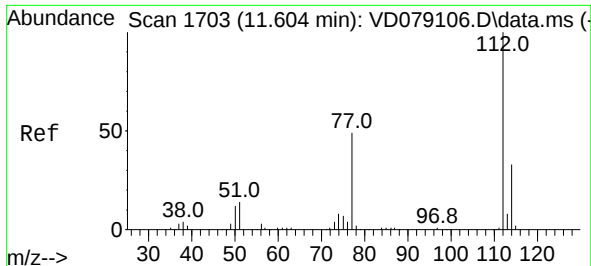
Ion Ratio Lower Upper

107 100

109 103.6 64.5 119.7

188 0.0 2.6 3.8#





#51

Chlorobenzene

Concen: 0.372 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079111.D

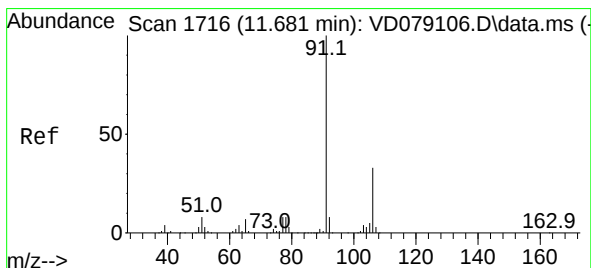
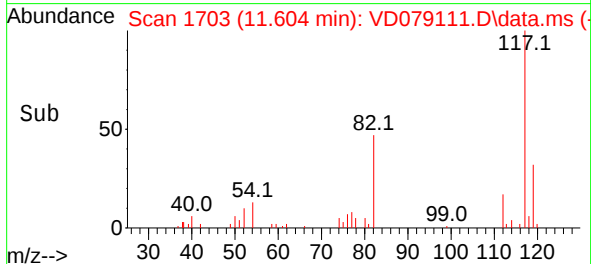
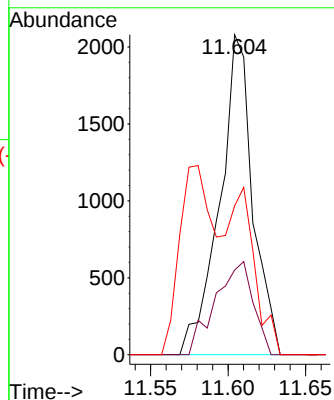
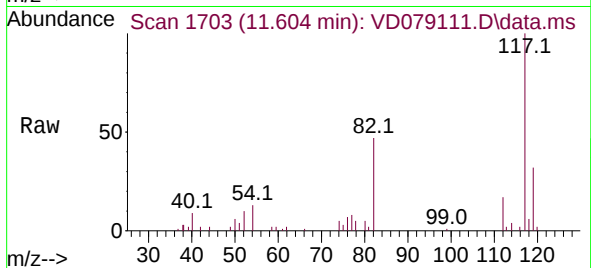
Acq: 31 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:112	Resp:	3082
Ion Ratio	Lower	Upper
112	100	
114	26.4	22.7 42.3
77	46.4	38.4 57.6



#52

Ethylbenzene

Concen: 0.284 ug/L

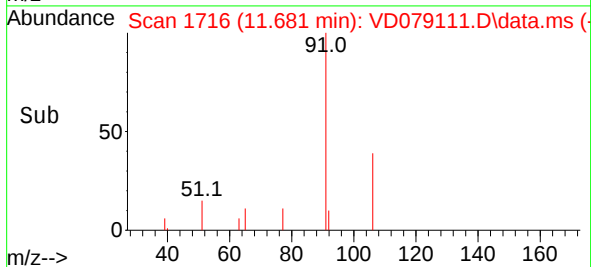
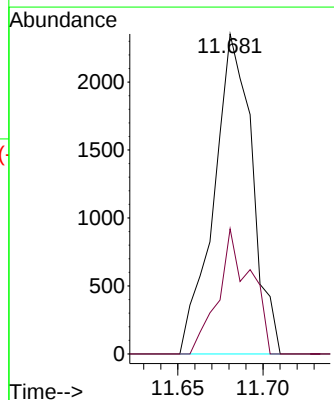
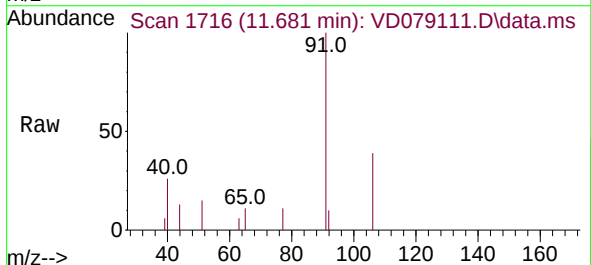
RT: 11.681 min Scan# 1716

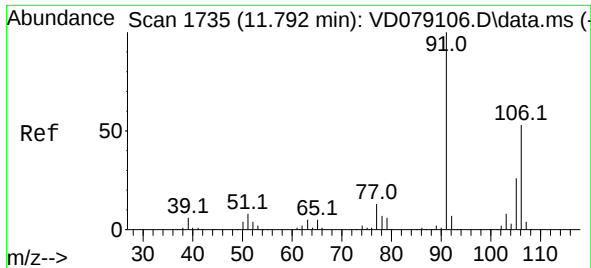
Delta R.T. -0.000 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

Tgt Ion: 91	Resp:	3689
Ion Ratio	Lower	Upper
91	100	
106	39.1	22.3 41.5

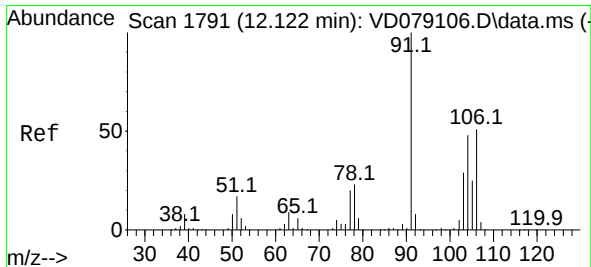
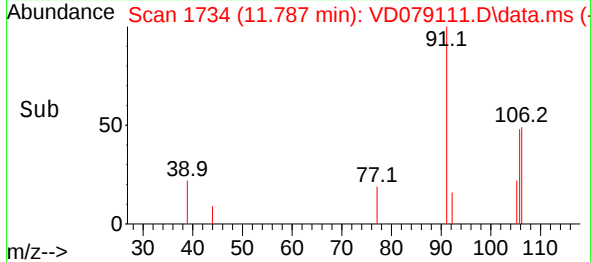
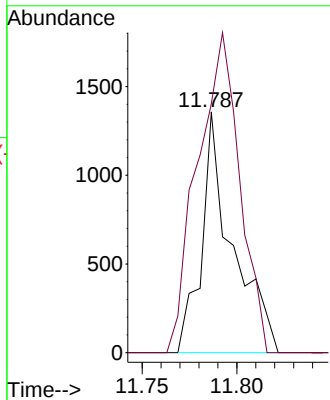
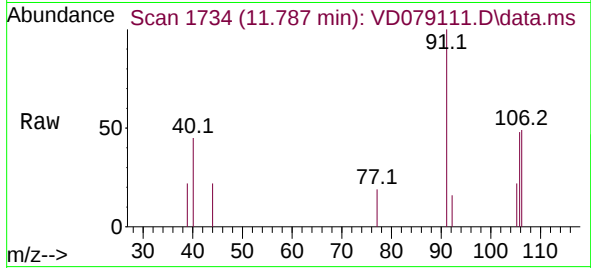




#53
m,p-Xylene
Concen: 0.299 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079111.D
Acq: 31 May 2024 16:47

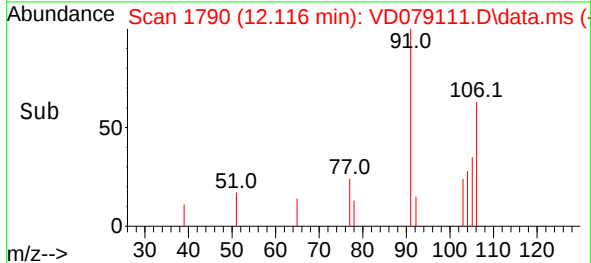
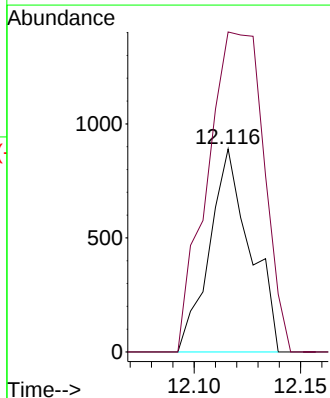
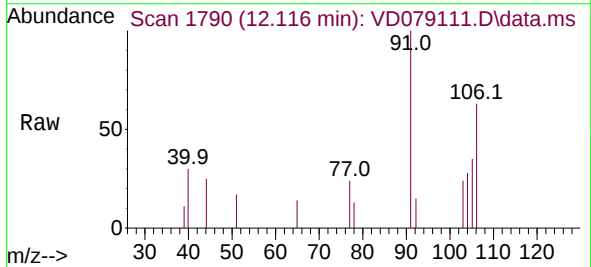
Instrument :
MSVOA_D
ClientSampleId :

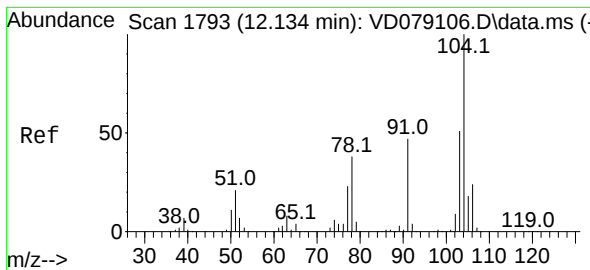
Tgt Ion:106 Resp: 1523
Ion Ratio Lower Upper
106 100
91 103.3 133.1 247.1#



#54
o-Xylene
Concen: 0.240 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD079111.D
Acq: 31 May 2024 16:47

Tgt Ion:106 Resp: 1181
Ion Ratio Lower Upper
106 100
91 157.6 132.9 246.9





#55

Styrene

Concen: 0.228 ug/L

RT: 12.134 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

Instrument :

MSVOA_D

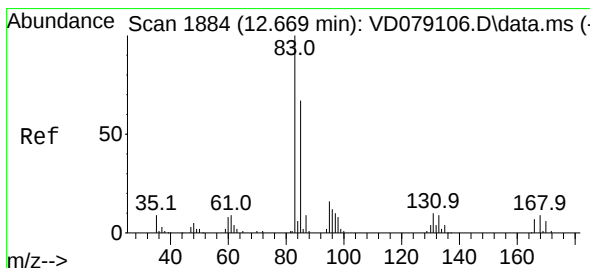
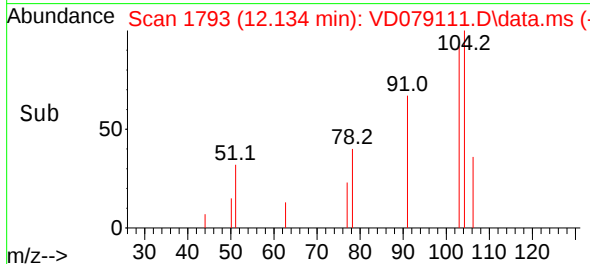
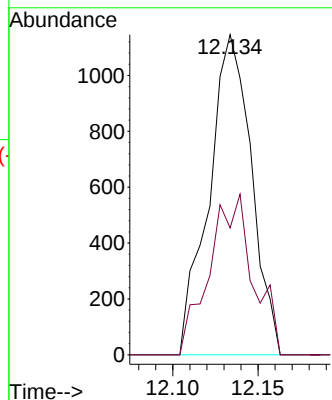
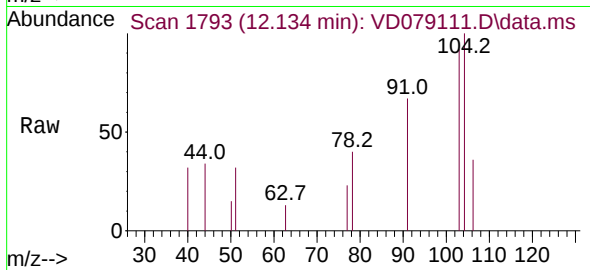
ClientSampleId :

Tgt Ion:104 Resp: 1988

Ion Ratio Lower Upper

104 100

78 39.6 27.8 51.6



#57

1,1,2,2-Tetrachloroethane

Concen: 0.500 ug/L

RT: 12.663 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

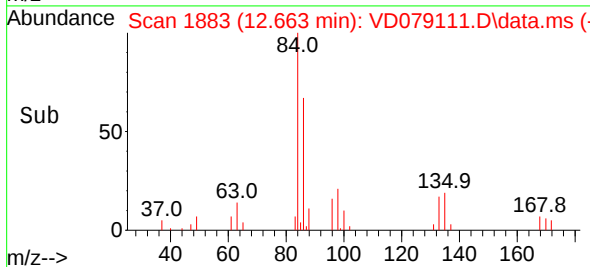
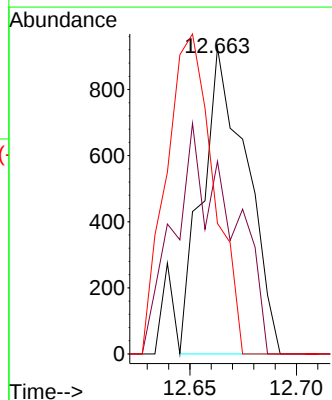
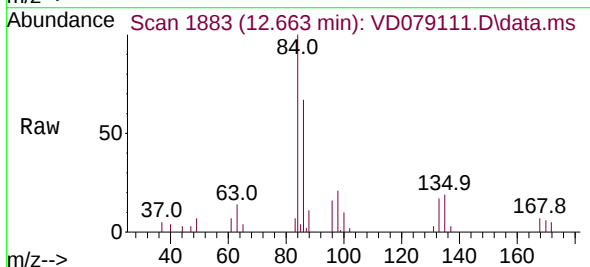
Tgt Ion: 83 Resp: 1347

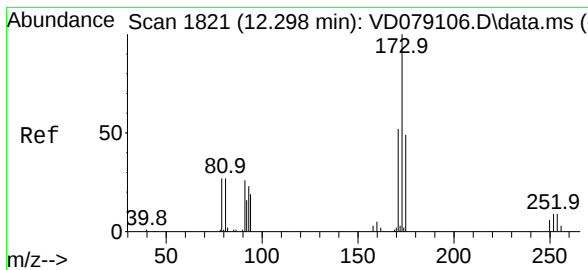
Ion Ratio Lower Upper

83 100

85 62.9 47.5 88.1

131 42.6 8.6 13.0#





#59

Bromoform

Concen: 0.350 ug/L

RT: 12.292 min Scan# 1821

Delta R.T. -0.006 min

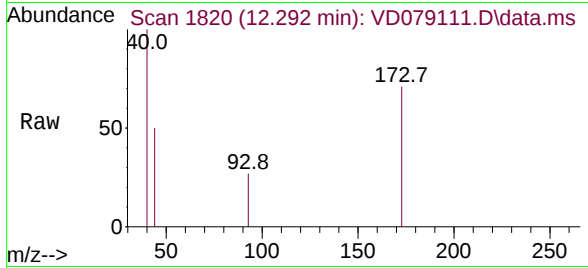
Lab File: VD079111.D

Acq: 31 May 2024 16:47

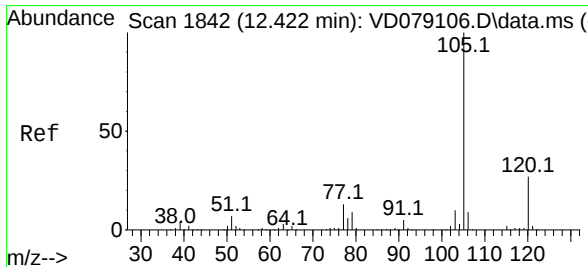
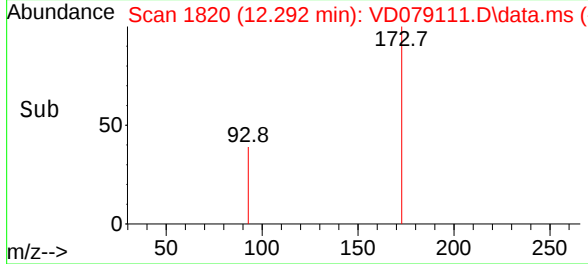
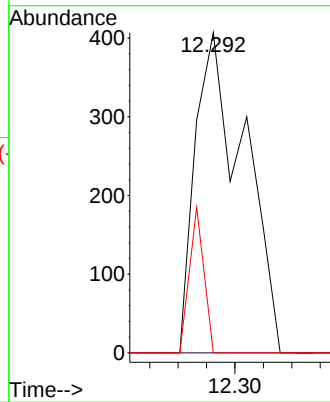
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:173	Resp:	487
Ion Ratio	Lower	Upper
173	100	
175	0.0	38.2 57.4#
254	0.0	7.0 10.6#



#60

Isopropylbenzene

Concen: 0.329 ug/L

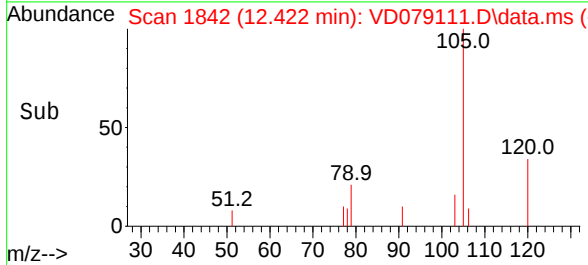
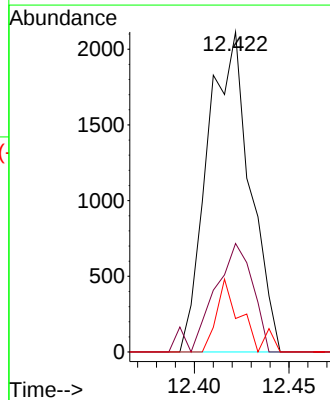
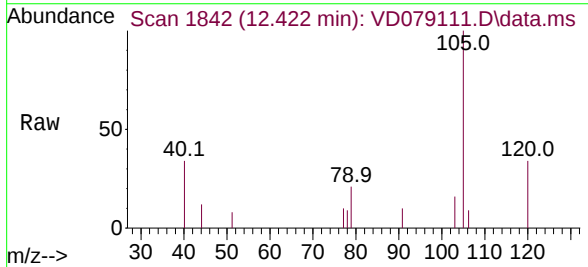
RT: 12.422 min Scan# 1842

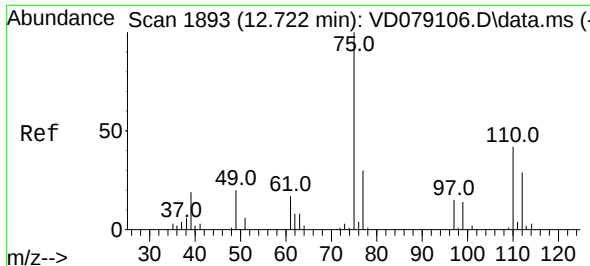
Delta R.T. -0.000 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

Tgt Ion:105	Resp:	3303
Ion Ratio	Lower	Upper
105	100	
120	29.5	21.9 32.9
77	11.9	10.9 16.3





#61

1,2,3-Trichloropropane

Concen: 0.491 ug/L

RT: 12.716 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

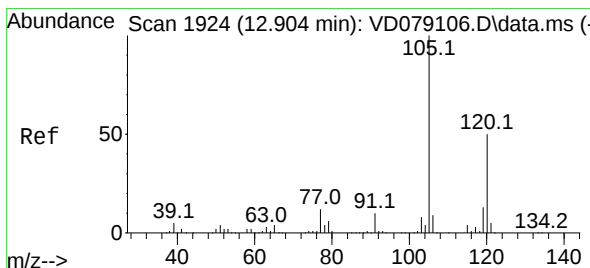
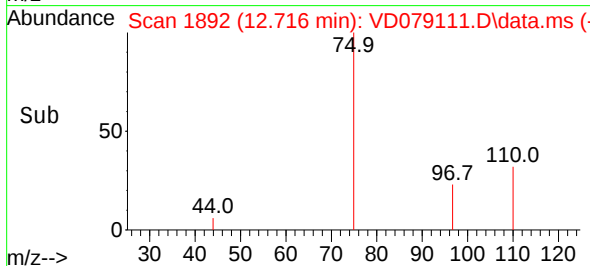
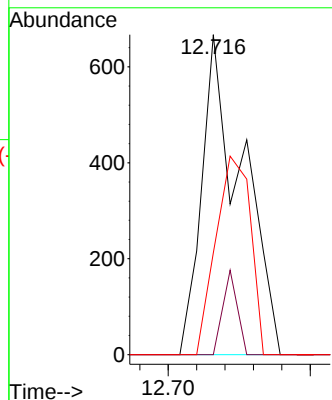
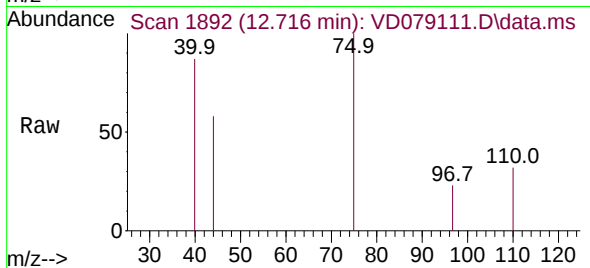
Tgt Ion: 75 Resp: 657

Ion Ratio Lower Upper

75 100

77 46.7 25.9 38.9#

110 53.3 34.2 51.4#



#62

1,3,5-Trimethylbenzene

Concen: 0.367 ug/L

RT: 13.204 min Scan# 1975

Delta R.T. 0.300 min

Lab File: VD079111.D

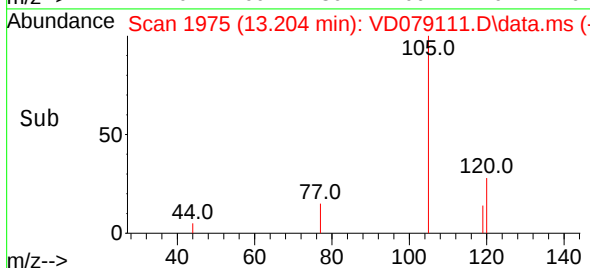
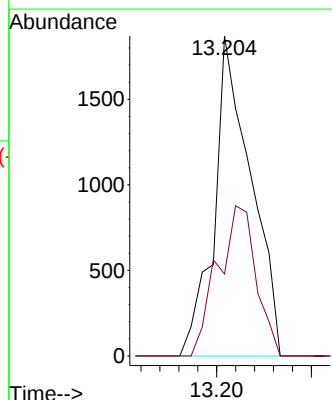
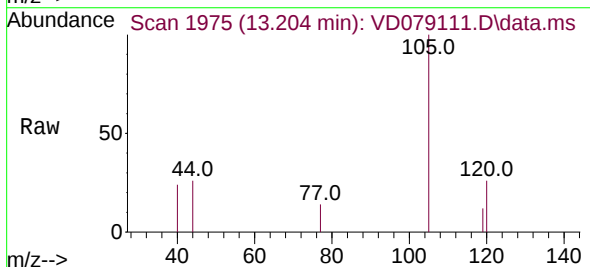
Acq: 31 May 2024 16:47

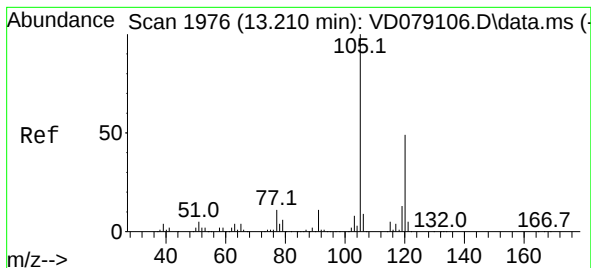
Tgt Ion:105 Resp: 2519

Ion Ratio Lower Upper

105 100

120 48.9 40.7 61.1





#63

1,2,4-Trimethylbenzene

Concen: 0.343 ug/L

RT: 13.204 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

Instrument :

MSVOA_D

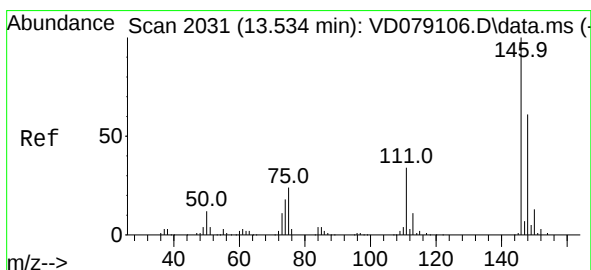
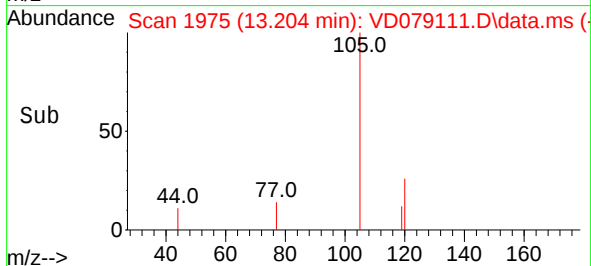
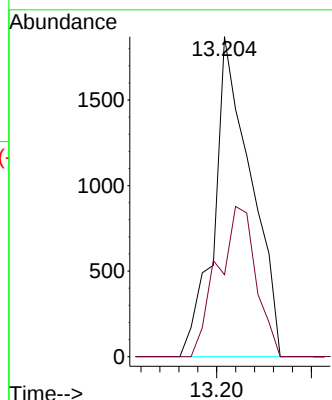
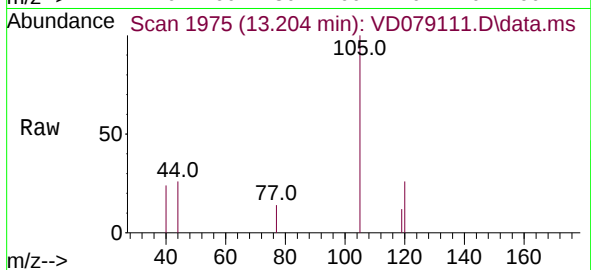
ClientSampleId :

Tgt Ion:105 Resp: 2519

Ion Ratio Lower Upper

105 100

120 48.9 38.0 57.0



#65

1,4-Dichlorobenzene

Concen: 0.538 ug/L

RT: 13.533 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

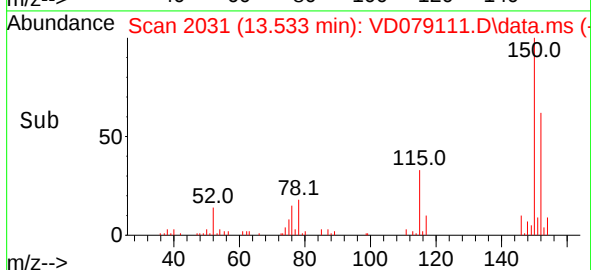
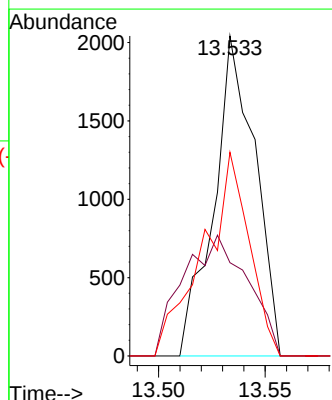
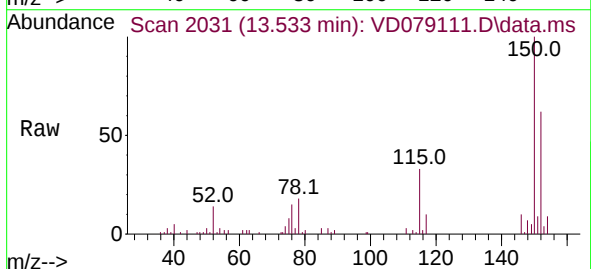
Tgt Ion:146 Resp: 2745

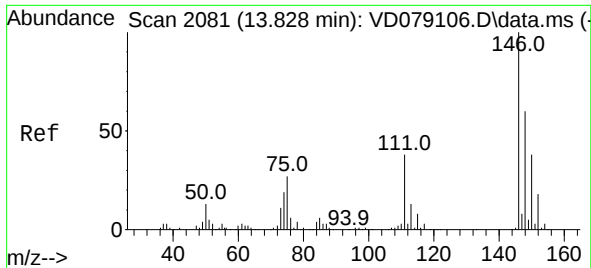
Ion Ratio Lower Upper

146 100

111 29.1 26.3 48.9

148 63.7 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 0.591 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079111.D

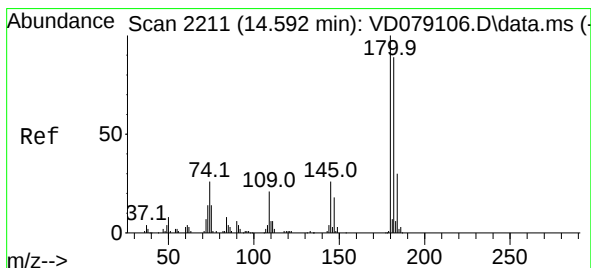
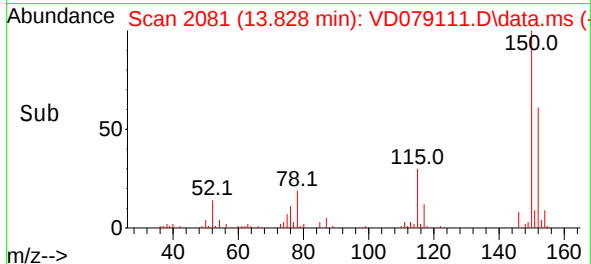
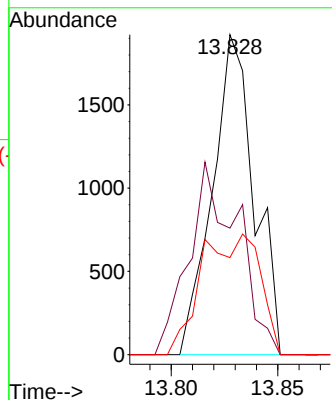
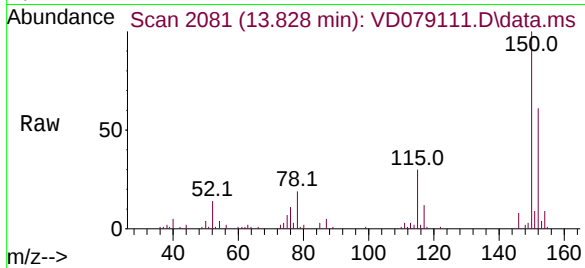
Acq: 31 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:146	Resp:	2632
Ion Ratio	Lower	Upper
146	100	
111	39.5	29.1 43.7
148	30.3	51.2 76.8#



#69

1,3,5-Trichlorobenzene

Concen: 0.578 ug/L

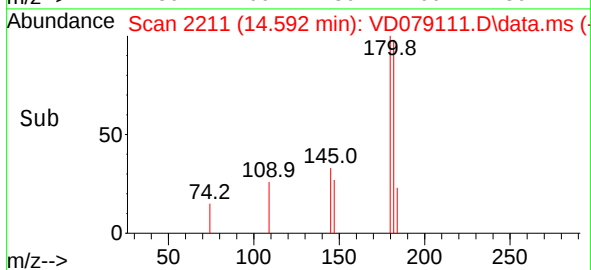
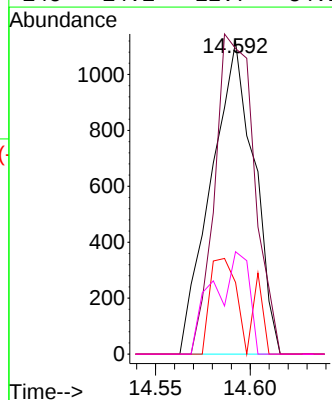
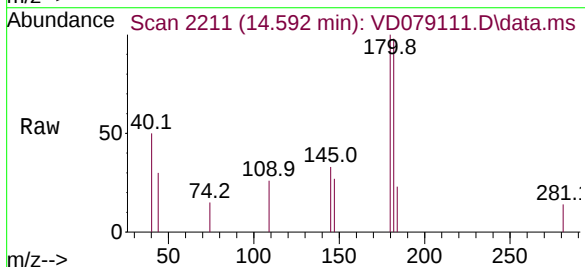
RT: 14.592 min Scan# 2211

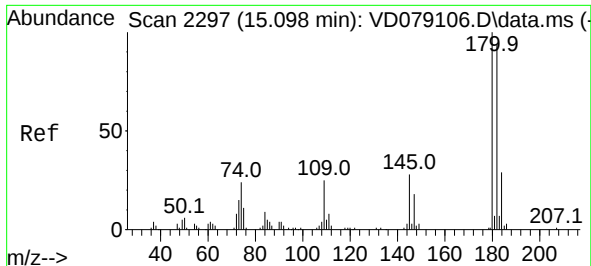
Delta R.T. -0.000 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

Tgt Ion:180	Resp:	1758
Ion Ratio	Lower	Upper
180	100	
182	0.0	76.9 115.3#
184	5.8	23.3 34.9#
145	14.1	22.7 34.1#





#70

1,2,4-trichlorobenzene

Concen: 0.716 ug/L

RT: 15.092 min Scan# 2297

Delta R.T. -0.006 min

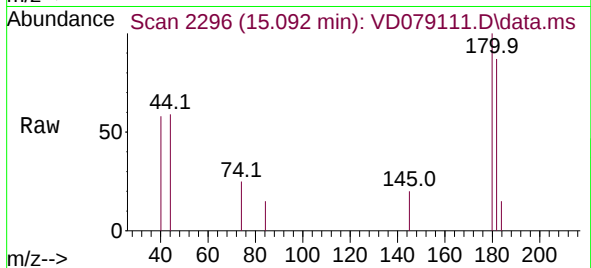
Lab File: VD079111.D

Acq: 31 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :



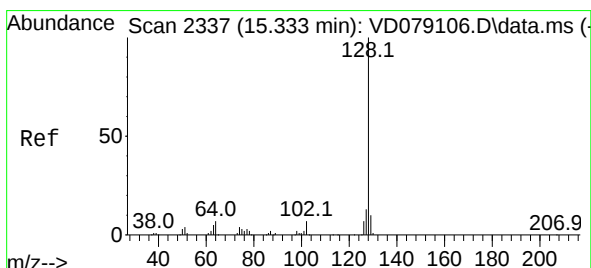
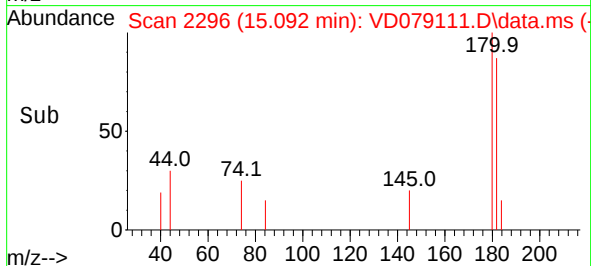
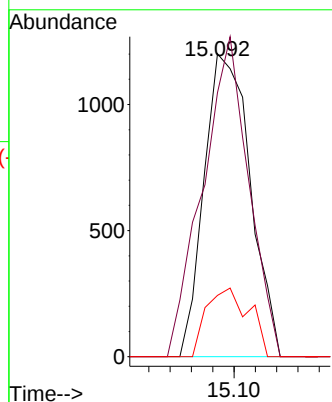
Tgt Ion:180 Resp: 1806

Ion Ratio Lower Upper

180 100

182 105.3 73.8 110.6

145 21.0 22.3 33.5#



#71

Naphthalene

Concen: 0.858 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD079111.D

Acq: 31 May 2024 16:47

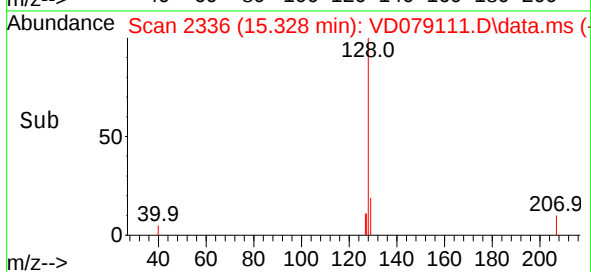
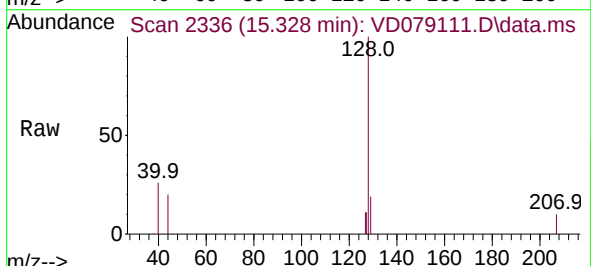
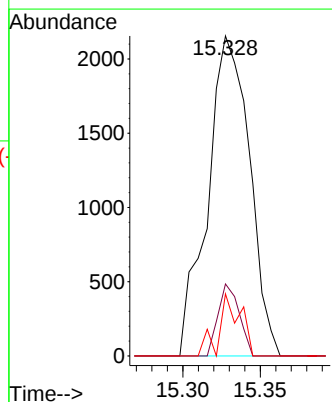
Tgt Ion:128 Resp: 4052

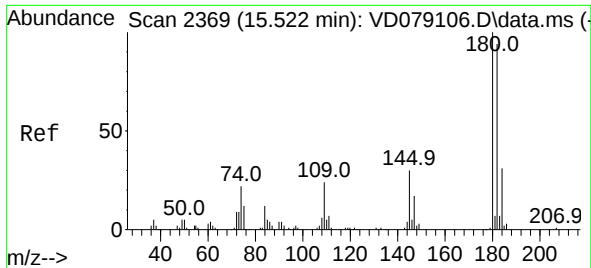
Ion Ratio Lower Upper

128 100

127 11.3 10.8 16.2

129 8.4 8.5 12.7#





#72

1,2,3-Trichlorobenzene

Concen: 0.877 ug/L

RT: 15.516 min Scan# 24

Delta R.T. -0.006 min

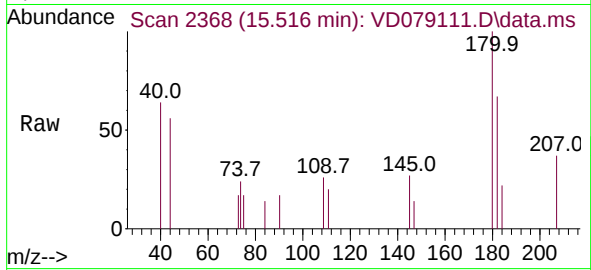
Lab File: VD079111.D

Acq: 31 May 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 1914

Ion Ratio Lower Upper

180 100

182 0.0 79.4 119.2#

145 14.0 24.7 37.1#

