

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
 Data File : VD079153.D
 Acq On : 10 Jun 2024 12:41
 Operator : RP/MD
 Sample : P2775-05
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 11 02:46:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 02:46:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	217352	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	211934	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	108857	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	121988	18.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.960%
7) Chloroethane-d5	2.799	69	127166	19.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.640%
11) 1,1-Dichloroethene-d2	3.922	65	24857	20.934	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.720%
21) 2-Butanone-d5	6.981	46	23812	46.545	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.100%
24) Chloroform-d	7.563	84	144384	23.758	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.040%
26) 1,2-Dichloroethane-d4	8.222	65	59594	21.257	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.040%
32) Benzene-d6	8.199	84	257401	21.909	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.640%
36) 1,2-Dichloropropane-d6	9.210	67	72569	21.443	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.760%
41) Toluene-d8	10.269	98	250733	22.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.160%
43) trans-1,3-Dichloroprop...	10.522	79	31510	22.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.600%
47) 2-Hexanone-d5	10.875	63	23174	52.967	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.940%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	67844	22.632	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	81906	21.802	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.200%

Target Compounds					Qvalue
13) Acetone	4.017	43	14609	19.725	ug/L 93
15) Methyl Acetate	4.564	43	1535	1.521	ug/L 95
16) Methylene chloride	4.793	84	176630	45.607	ug/L 96
17) trans-1,2-Dichloroethene	5.311	96	158431	48.703	ug/L 89
18) Methyl tert-butyl Ether	5.322	73	161046	27.914	ug/L # 79
19) 1,1-Dichloroethane	6.111	63	237263	45.302	ug/L 98
20) cis-1,2-Dichloroethene	7.075	96	355224	104.872	ug/L 98
22) 2-Butanone	7.081	43	159766	205.341	ug/L 95
25) Chloroform	7.593	83	452994	76.180	ug/L 97
27) 1,2-Dichloroethane	8.328	62	89003	25.784	ug/L 97
30) 1,1,1-Trichloroethane	7.793	97	1727	0.344	ug/L # 83
31) Carbon tetrachloride	7.987	117	218227	46.802	ug/L 97
33) Benzene	8.252	78	539002	42.701	ug/L 100
34) Trichloroethene	9.028	95	135738	41.751	ug/L 96
37) 1,2-Dichloropropane	9.305	63	45212	14.623	ug/L 97
38) Bromodichloromethane	9.581	83	340407	79.199	ug/L 97
39) cis-1,3-Dichloropropene	10.016	75	430194	89.131	ug/L 97
40) 4-Methyl-2-pentanone	10.157	43	142922	110.734	ug/L 94
42) Toluene	10.334	91	527377	37.625	ug/L 98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

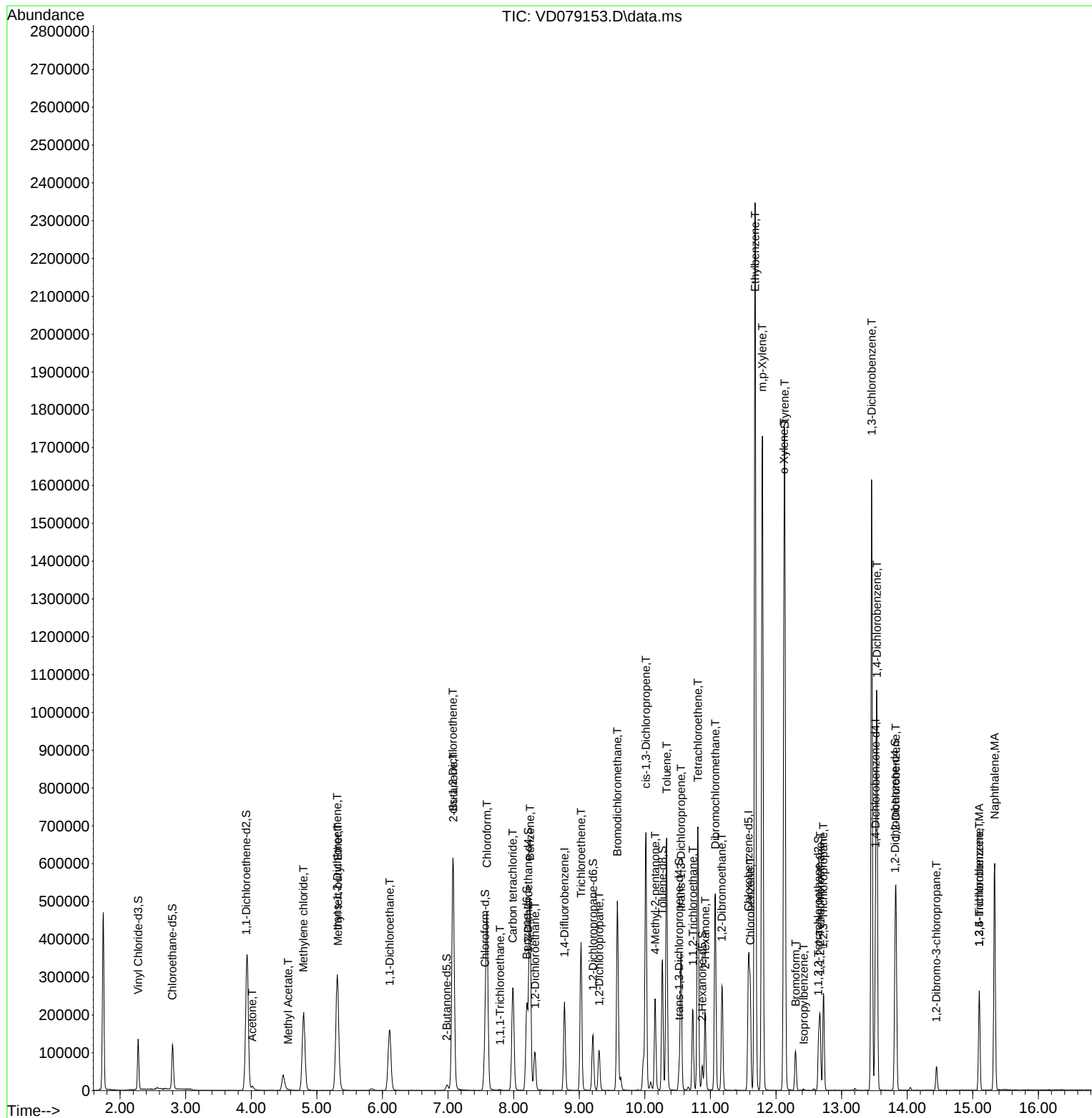
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.552	75	212118	51.971	ug/L	93
45) 1,1,2-Trichloroethane	10.734	97	74523	27.474	ug/L	98
46) Tetrachloroethene	10.810	164	170142	59.435	ug/L	98
48) 2-Hexanone	10.922	43	121790	109.048	ug/L	99
49) Dibromochloromethane	11.075	129	285154	88.775	ug/L	100
50) 1,2-Dibromoethane	11.175	107	184110	73.855	ug/L #	97
51) Chlorobenzene	11.610	112	165315	17.726	ug/L	96
52) Ethylbenzene	11.681	91	773615	52.913	ug/L	98
53) m,p-Xylene	11.793	106	595203	103.761	ug/L	100
54) o-Xylene	12.122	106	252034	45.477	ug/L	93
55) Styrene	12.134	104	705339	71.778	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	95501	31.453	ug/L	95
59) Bromoform	12.299	173	49100	24.610	ug/L	98
60) Isopropylbenzene	12.422	105	2323	0.161	ug/L #	59
61) 1,2,3-Trichloropropane	12.722	75	109069	56.751	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	686955	99.346	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	434731	59.336	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	188367	29.468	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	15566	39.399	ug/L	95
69) 1,3,5-Trichlorobenzene	15.098	180	88478	20.288	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	88478	24.428	ug/L	97
71) Naphthalene	15.334	128	534302	78.878	ug/L	100

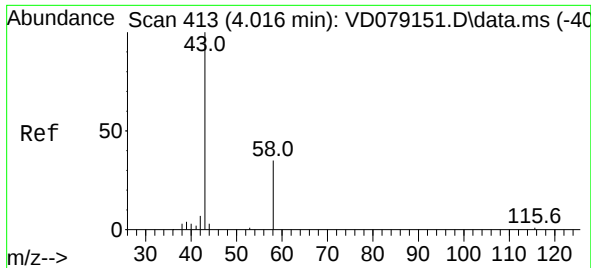
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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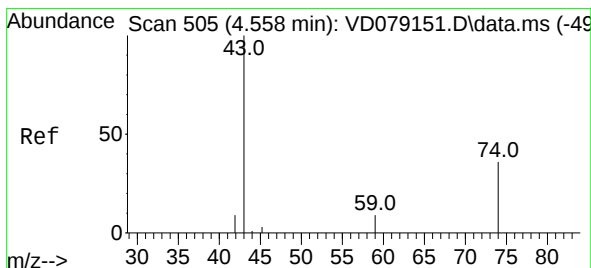
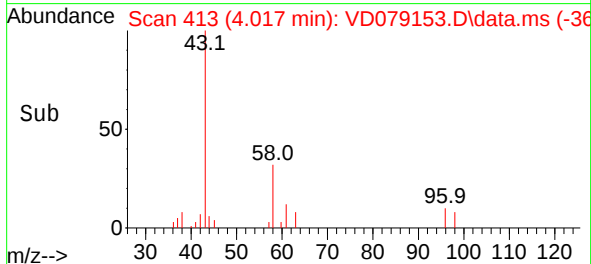
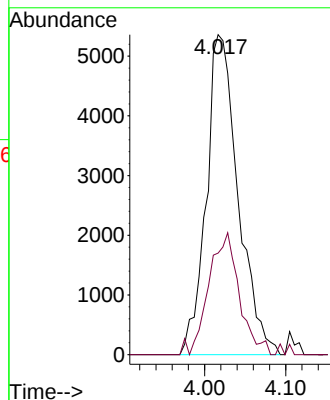
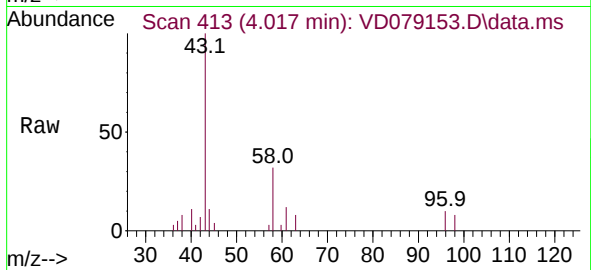




#13
Acetone
Concen: 19.725 ug/L
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

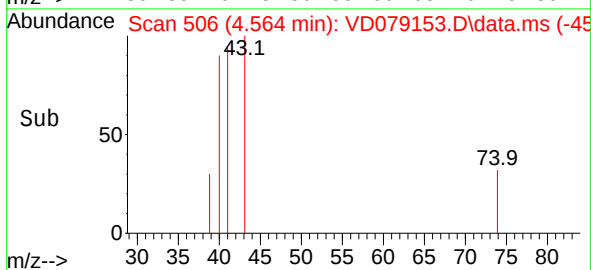
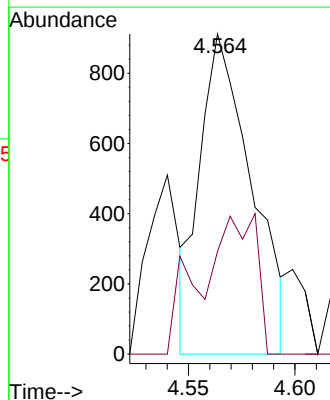
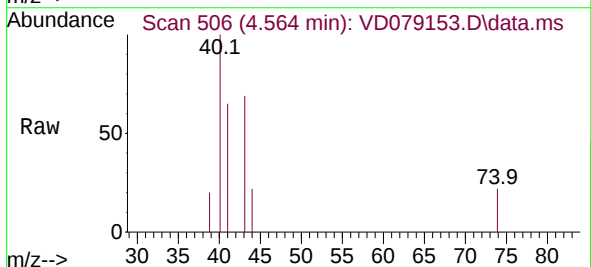
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MSVOA_D
ClientSampleId :

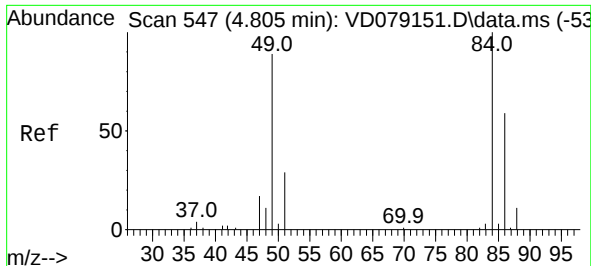
Tgt Ion: 43 Resp: 14609
Ion Ratio Lower Upper
43 100
58 34.9 0.0 78.2



#15
Methyl Acetate
Concen: 1.521 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

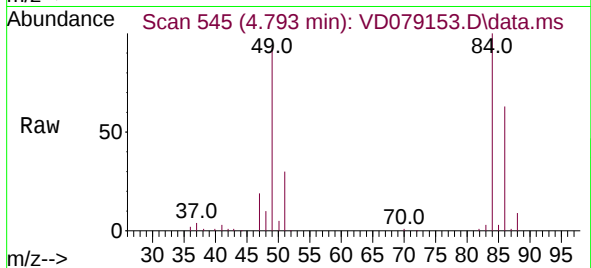
Tgt Ion: 43 Resp: 1535
Ion Ratio Lower Upper
43 100
74 32.4 23.8 35.6



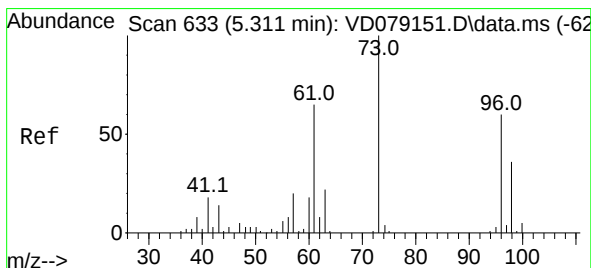
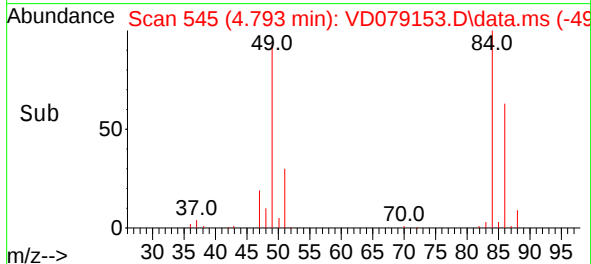
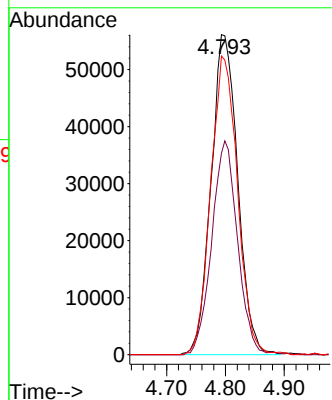


#16
Methylene chloride
Concen: 45.607 ug/L
RT: 4.793 min Scan# 547
Delta R.T. -0.012 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

Instrument :
MSVOA_D
ClientSampleId :

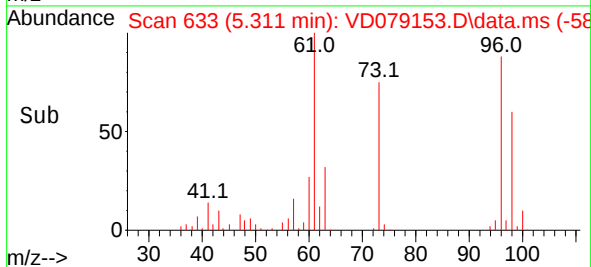
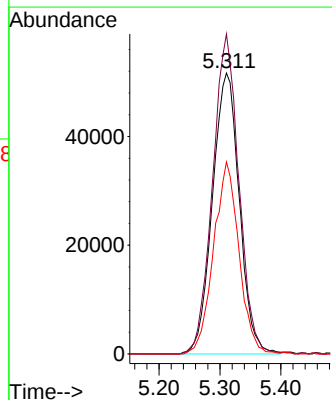
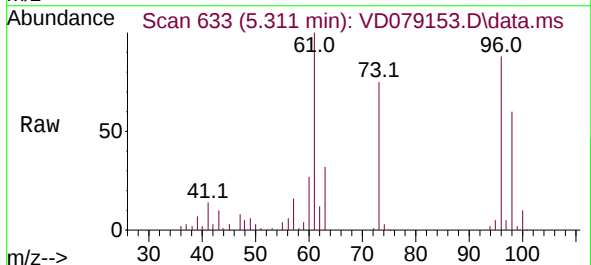


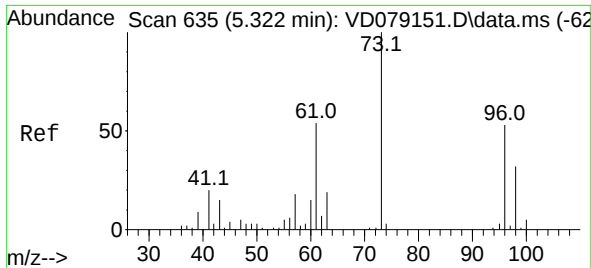
Tgt Ion: 84 Resp: 176630
Ion Ratio Lower Upper
84 100
86 63.0 40.9 76.0
49 93.4 67.5 125.3



#17
trans-1,2-Dichloroethene
Concen: 48.703 ug/L
RT: 5.311 min Scan# 633
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

Tgt Ion: 96 Resp: 158431
Ion Ratio Lower Upper
96 100
61 113.9 71.9 133.5
98 68.3 42.6 79.2





#18

Methyl tert-butyl Ether

Concen: 27.914 ug/L

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

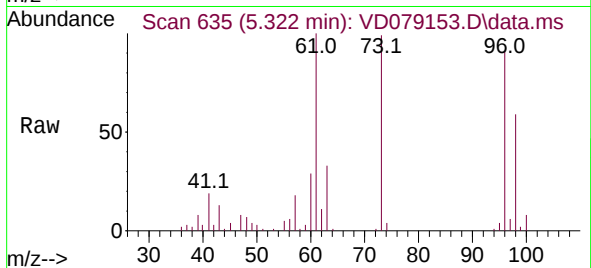
Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :



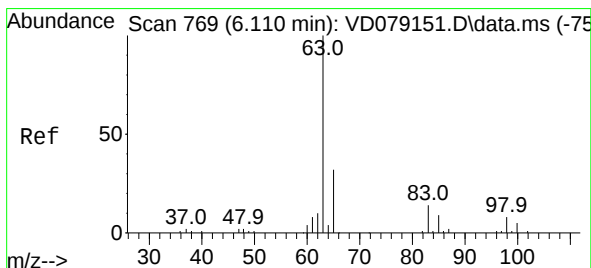
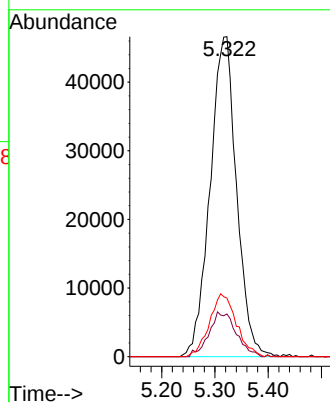
Tgt Ion: 73 Resp: 161046

Ion Ratio Lower Upper

73 100

43 6.4 12.0 18.0#

57 20.0 9.6 14.4#



#19

1,1-Dichloroethane

Concen: 45.302 ug/L

RT: 6.111 min Scan# 769

Delta R.T. 0.000 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

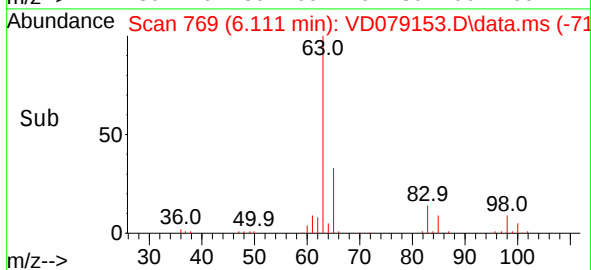
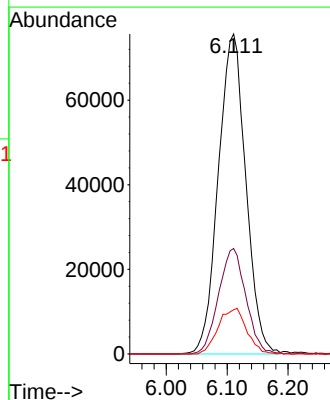
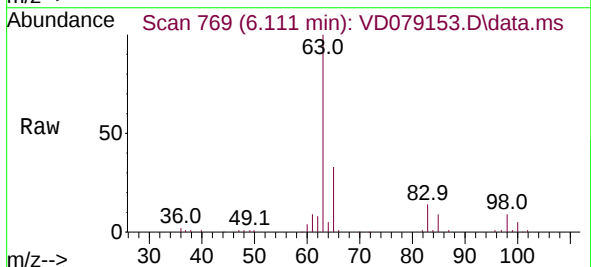
Tgt Ion: 63 Resp: 237263

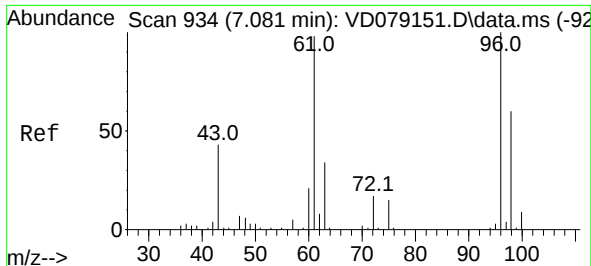
Ion Ratio Lower Upper

63 100

65 33.0 22.8 42.4

83 13.8 8.6 16.0





#20

cis-1,2-Dichloroethene

Concen: 104.872 ug/L

RT: 7.075 min Scan# 9

Delta R.T. -0.006 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

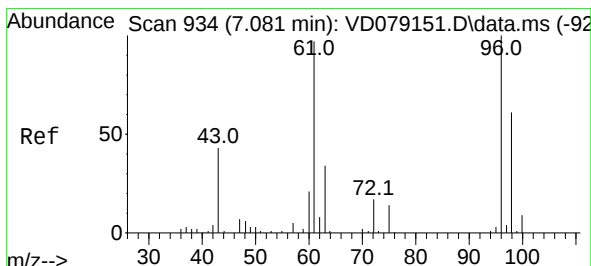
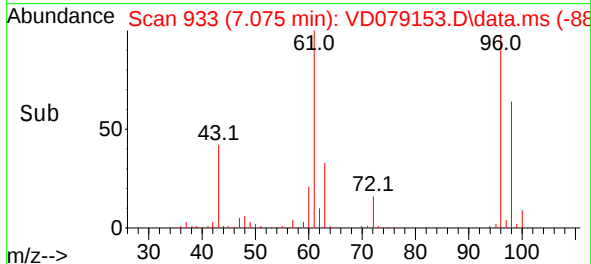
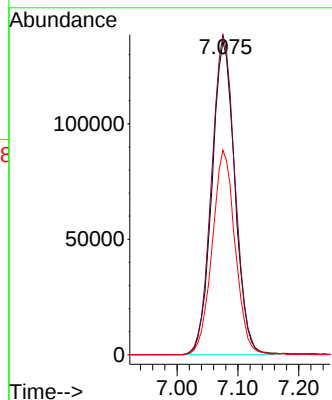
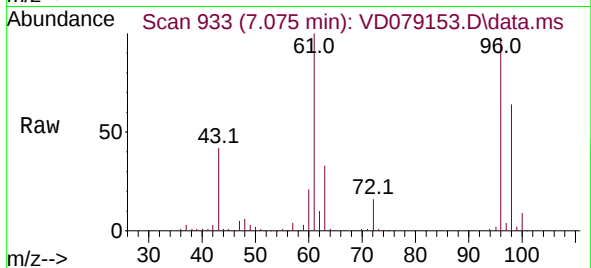
Tgt Ion: 96 Resp: 355224

Ion Ratio Lower Upper

96 100

61 102.2 72.6 134.8

98 65.3 43.8 81.3



#22

2-Butanone

Concen: 205.341 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD079153.D

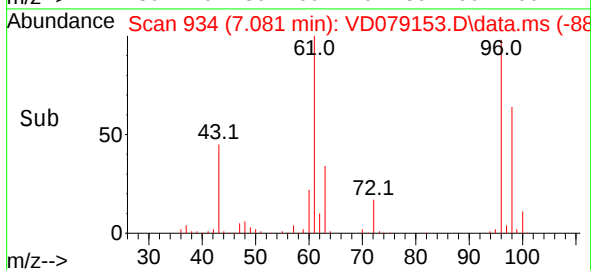
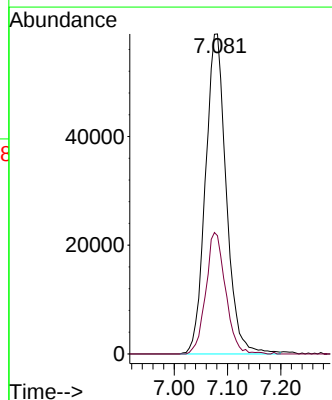
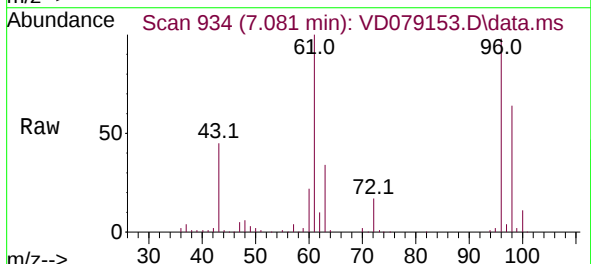
Acq: 10 Jun 2024 12:41

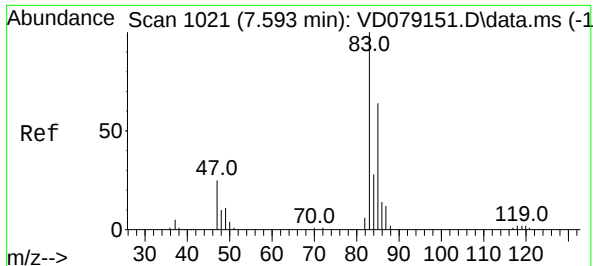
Tgt Ion: 43 Resp: 159766

Ion Ratio Lower Upper

43 100

72 35.7 19.3 57.8

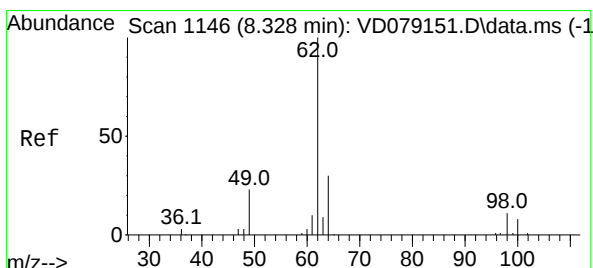
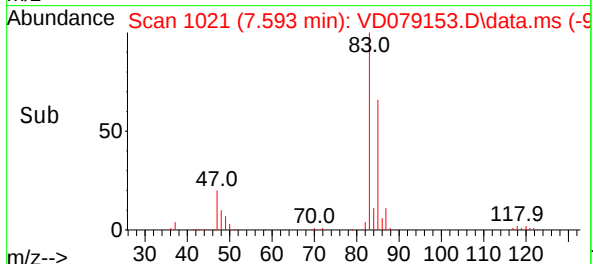
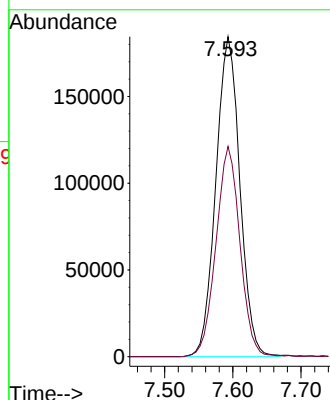
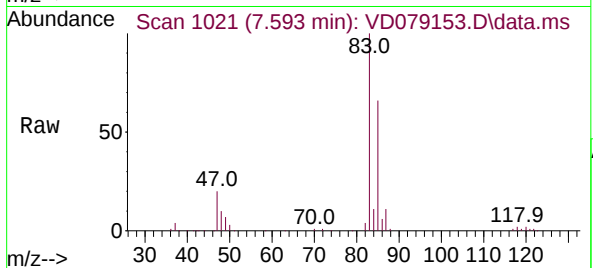




#25
Chloroform
Concen: 76.180 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

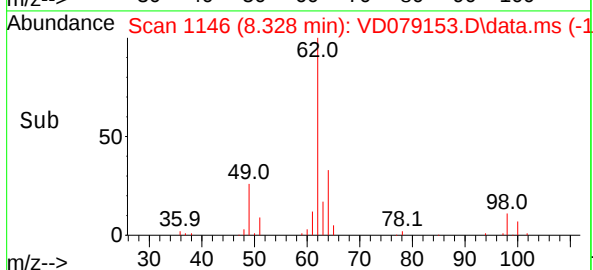
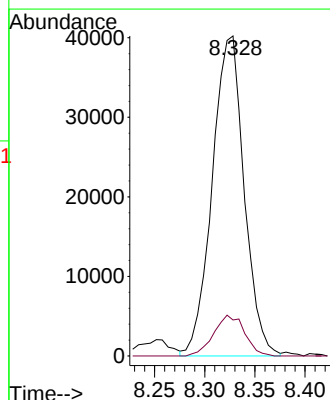
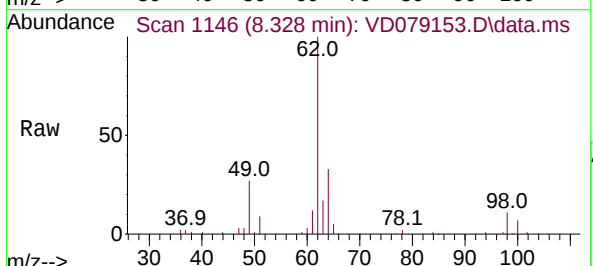
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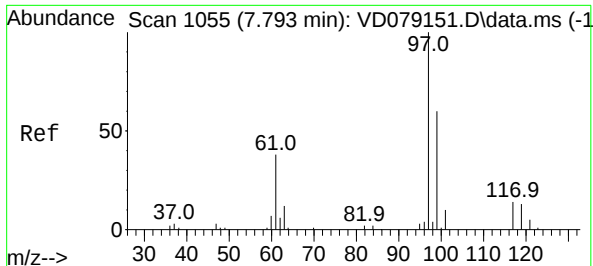
Tgt Ion: 83 Resp: 452994
Ion Ratio Lower Upper
83 100
85 65.7 47.9 89.1



#27
1,2-Dichloroethane
Concen: 25.784 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

Tgt Ion: 62 Resp: 89003
Ion Ratio Lower Upper
62 100
98 11.2 8.2 12.4

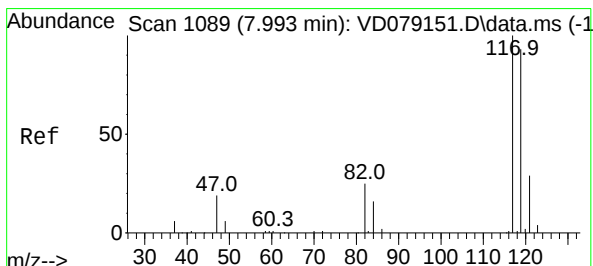
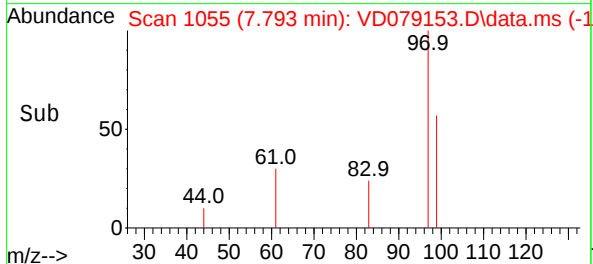
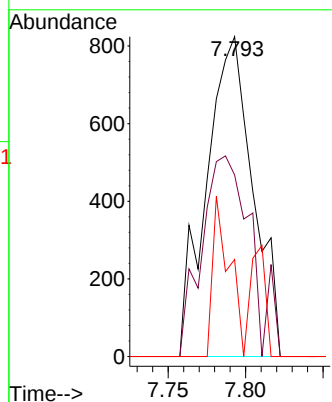
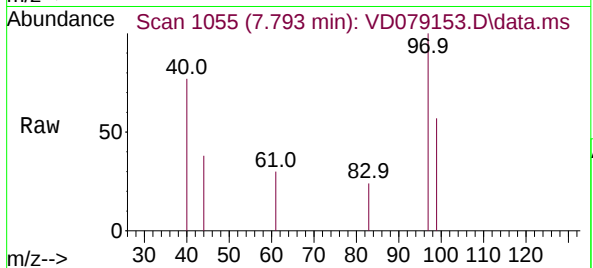




#30
1,1,1-Trichloroethane
Concen: 0.344 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079153.D
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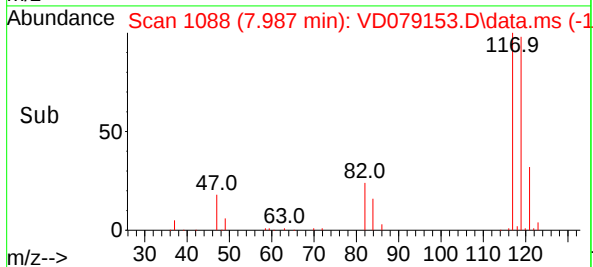
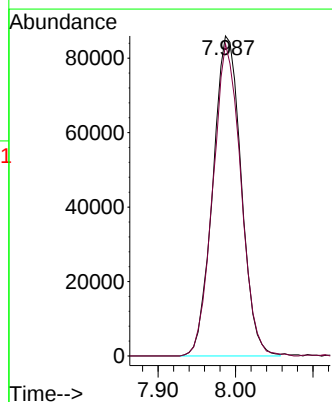
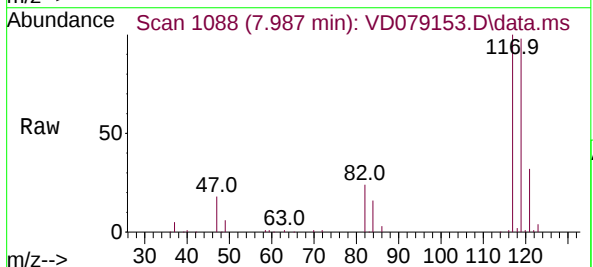
Instrument :
MSVOA_D
ClientSampleId :

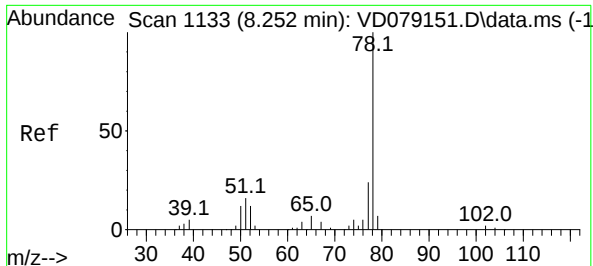
Tgt Ion: 97 Resp: 1727
Ion Ratio Lower Upper
97 100
99 61.3 52.3 78.5
61 18.0 31.7 47.5#



#31
Carbon tetrachloride
Concen: 46.802 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

Tgt Ion: 117 Resp: 218227
Ion Ratio Lower Upper
117 100
119 96.3 79.6 119.4





#33

Benzene

Concen: 42.701 ug/L

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD079153.D

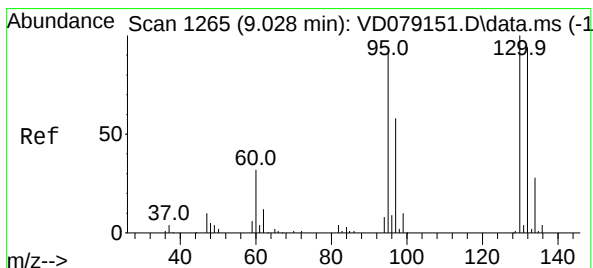
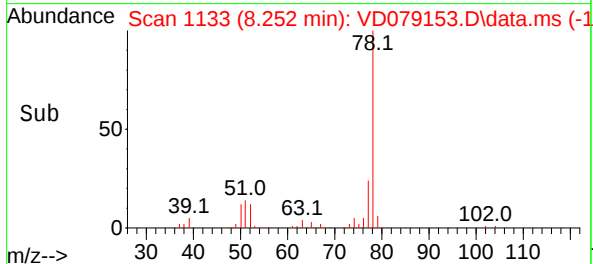
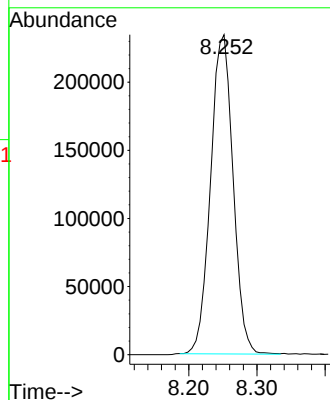
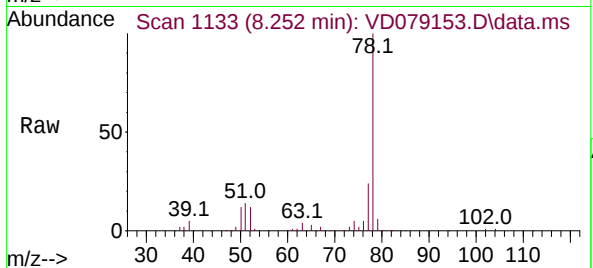
Acq: 10 Jun 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 78 Resp: 539002



#34

Trichloroethene

Concen: 41.751 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

Tgt Ion: 95 Resp: 135738

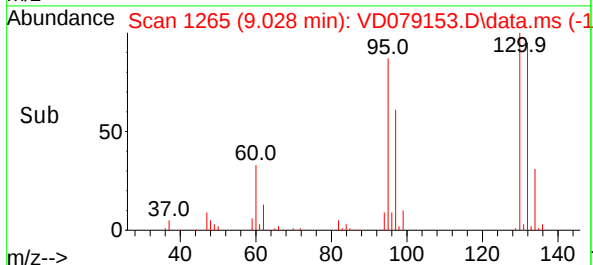
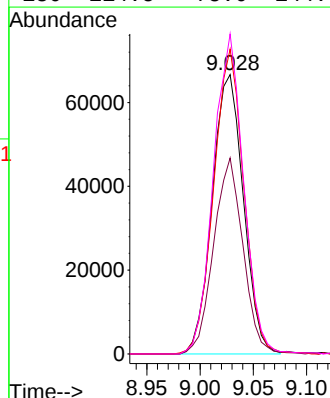
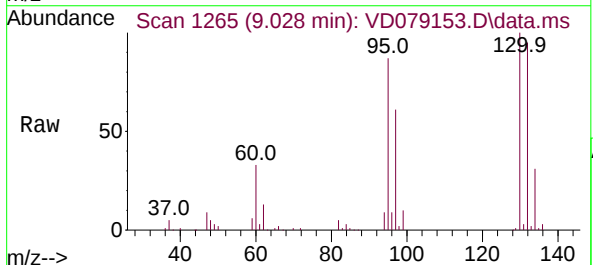
Ion Ratio Lower Upper

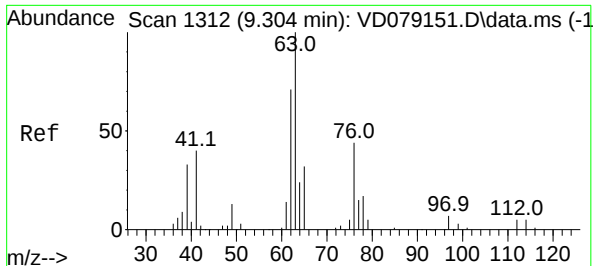
95 100

97 70.1 44.6 82.8

132 109.1 74.9 139.1

130 114.5 78.0 144.8

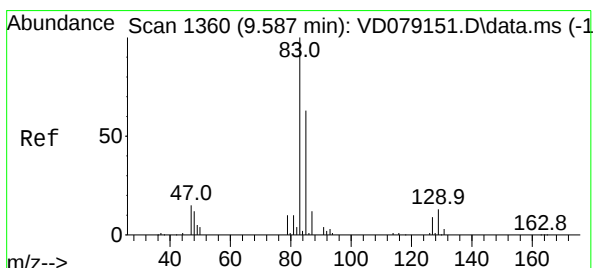
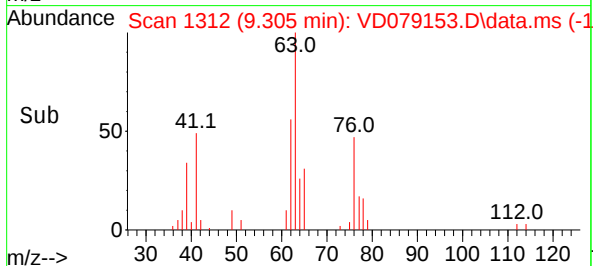
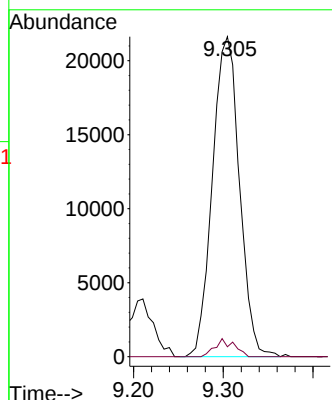
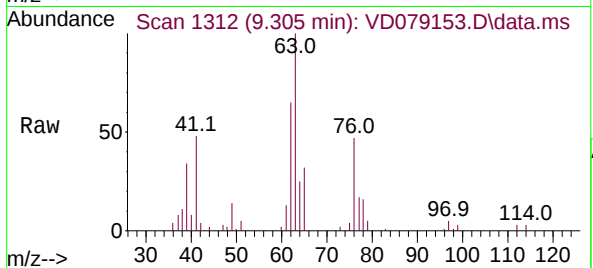




#37
1,2-Dichloropropane
Concen: 14.623 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

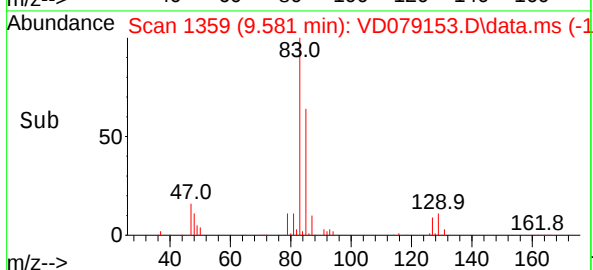
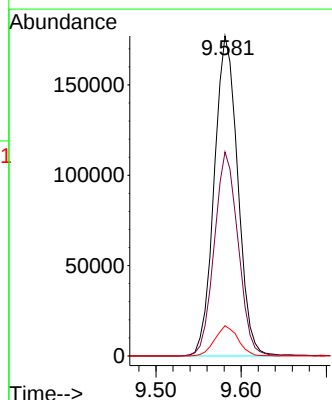
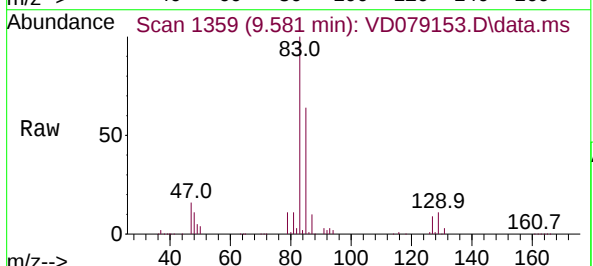
Instrument :
MSVOA_D
ClientSampleId :

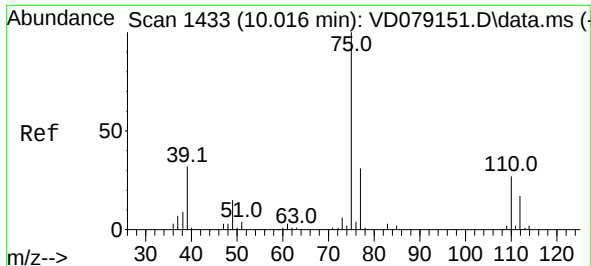
Tgt Ion: 63 Resp: 45212
Ion Ratio Lower Upper
63 100
112 4.0 3.9 5.9



#38
Bromodichloromethane
Concen: 79.199 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

Tgt Ion: 83 Resp: 340407
Ion Ratio Lower Upper
83 100
85 63.8 46.5 86.5
127 9.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 89.131 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

Instrument :

MSVOA_D

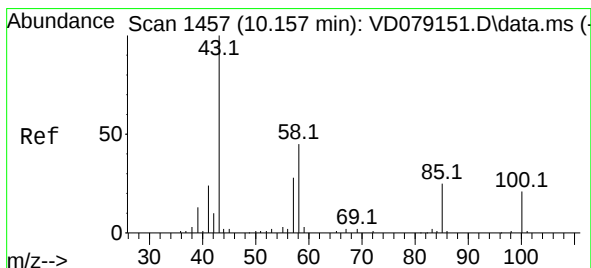
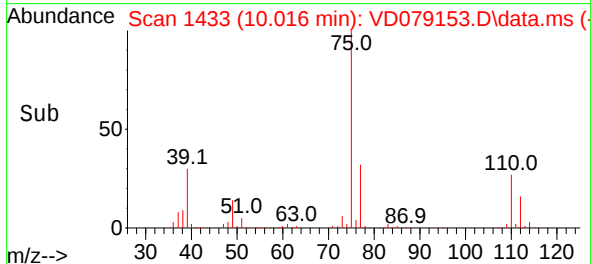
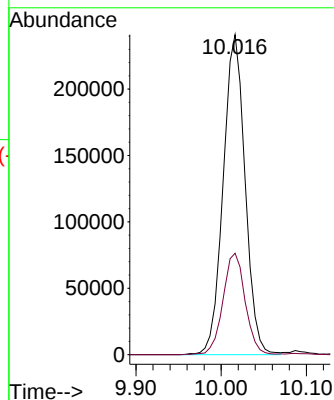
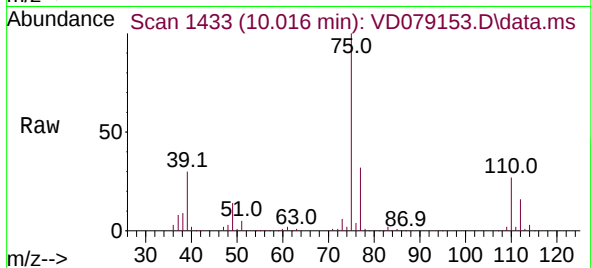
ClientSampleId :

Tgt Ion: 75 Resp: 430194

Ion Ratio Lower Upper

75 100

77 31.7 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 110.734 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

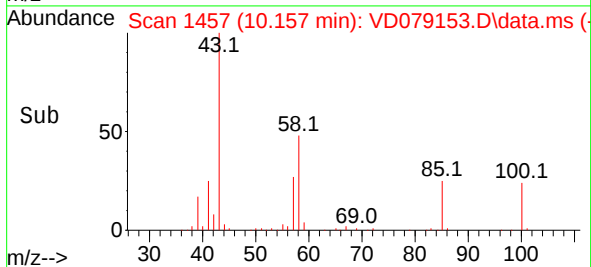
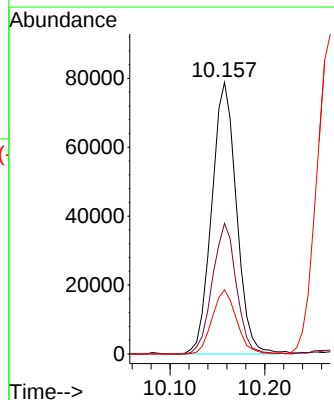
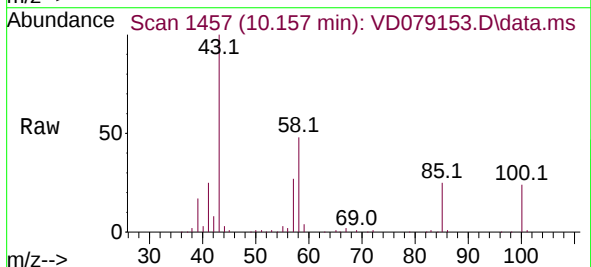
Tgt Ion: 43 Resp: 142922

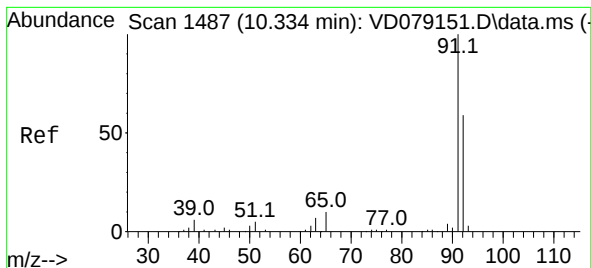
Ion Ratio Lower Upper

43 100

58 46.5 34.0 51.0

100 23.2 16.9 25.3





#42

Toluene

Concen: 37.625 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

Instrument :

MSVOA_D

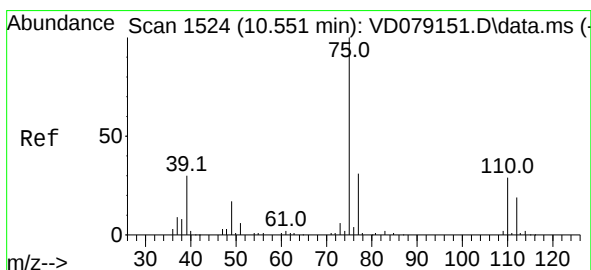
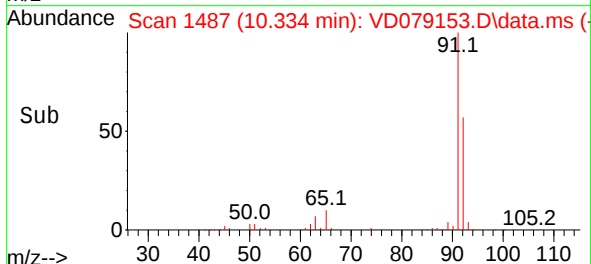
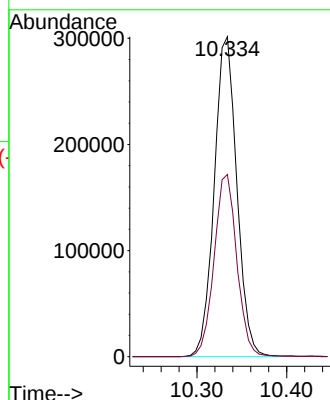
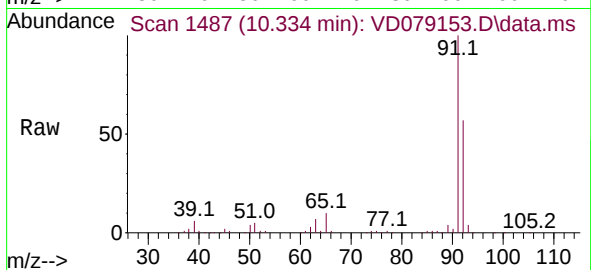
ClientSampleId :

Tgt Ion: 91 Resp: 527377

Ion Ratio Lower Upper

91 100

92 57.0 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 51.971 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079153.D

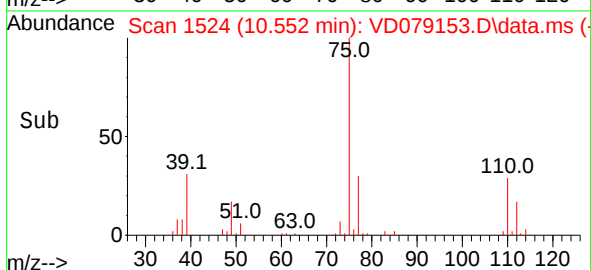
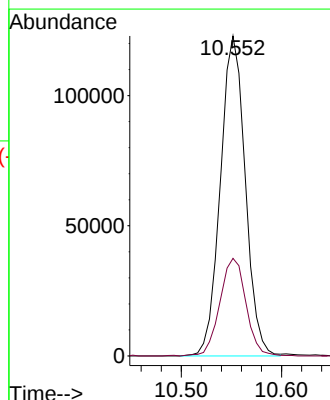
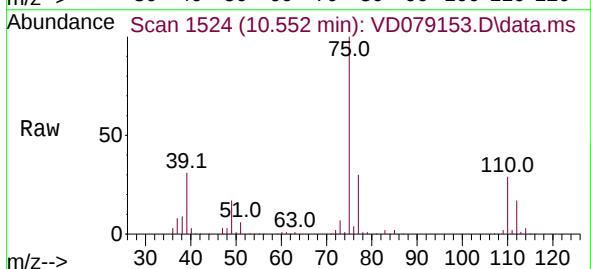
Acq: 10 Jun 2024 12:41

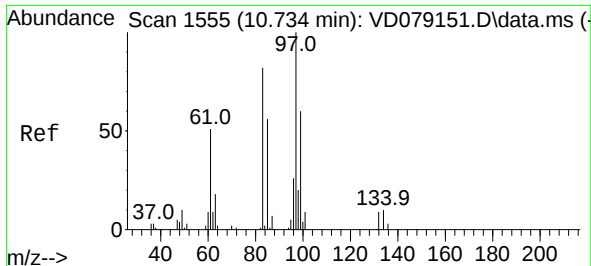
Tgt Ion: 75 Resp: 212118

Ion Ratio Lower Upper

75 100

77 30.5 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 27.474 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 74523

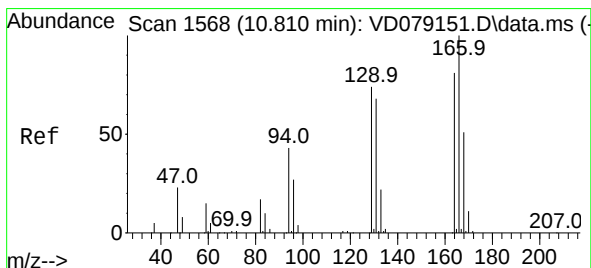
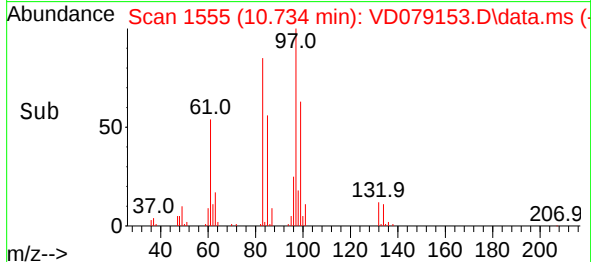
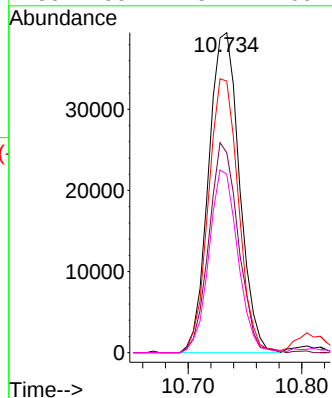
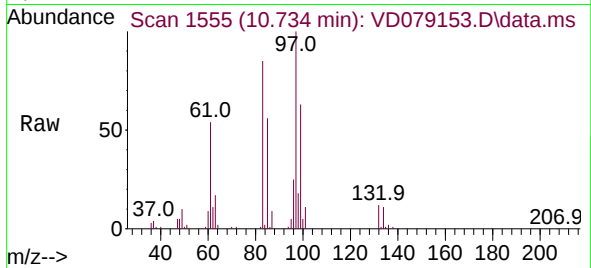
Ion Ratio Lower Upper

97 100

99 62.5 43.0 79.8

83 84.9 58.9 109.5

85 55.7 37.2 69.2



#46

Tetrachloroethene

Concen: 59.435 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

Tgt Ion:164 Resp: 170142

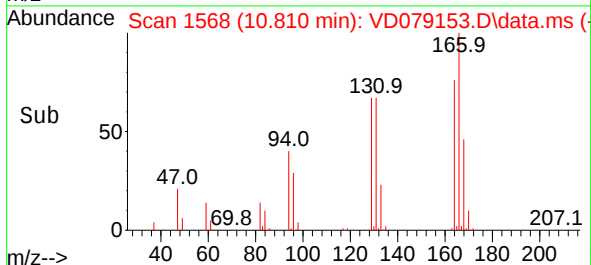
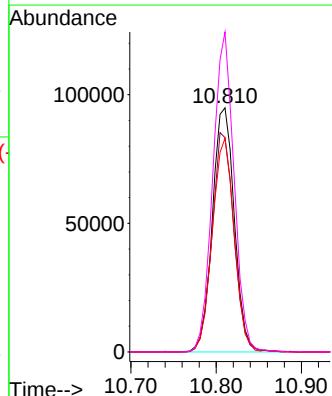
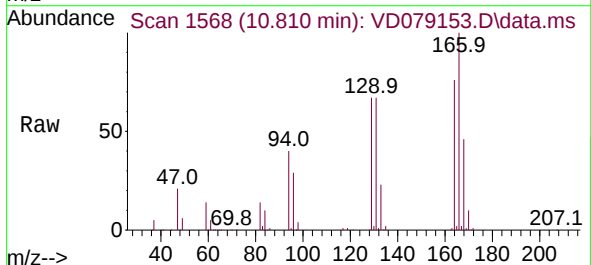
Ion Ratio Lower Upper

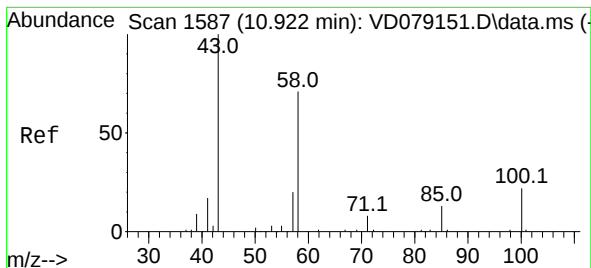
164 100

129 87.7 64.3 119.5

131 87.5 61.2 113.8

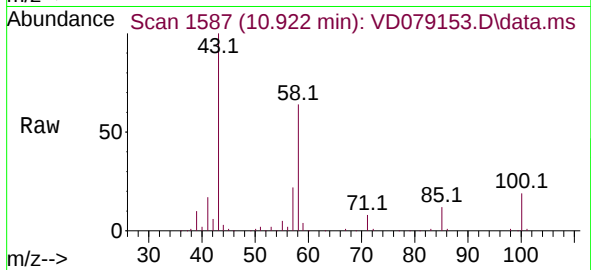
166 131.0 90.0 167.2



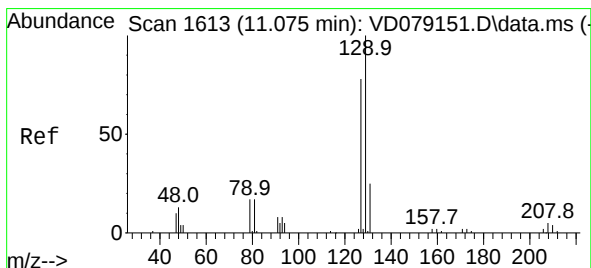
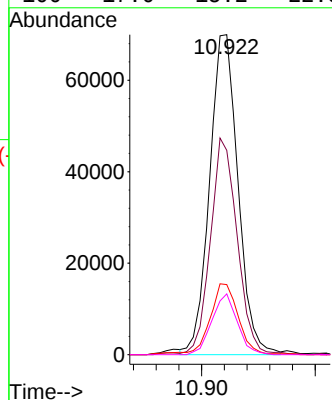
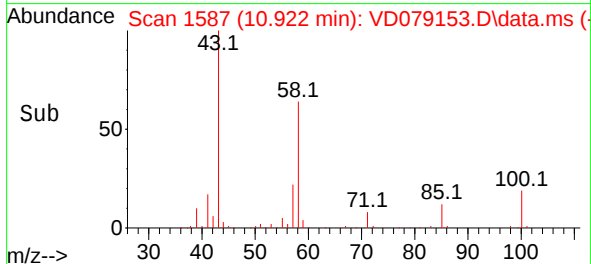


#48
2-Hexanone
Concen: 109.048 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

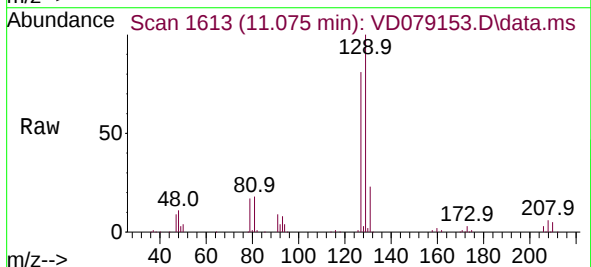
Instrument :
MSVOA_D
ClientSampleId :



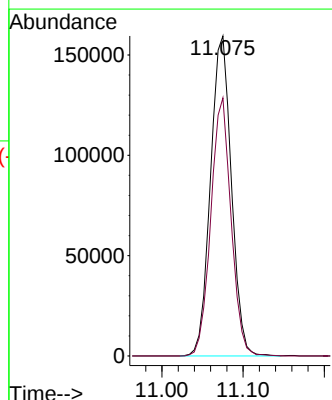
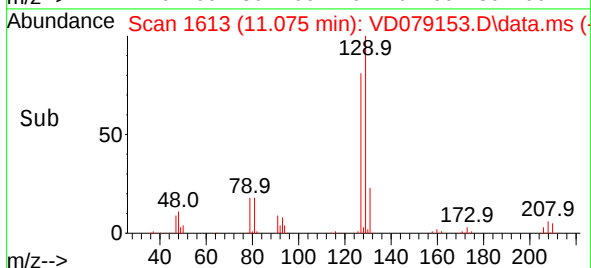
Tgt Ion: 43 Resp: 121790
Ion Ratio Lower Upper
43 100
58 62.6 50.1 75.1
57 21.1 16.5 24.7
100 17.0 15.2 22.8

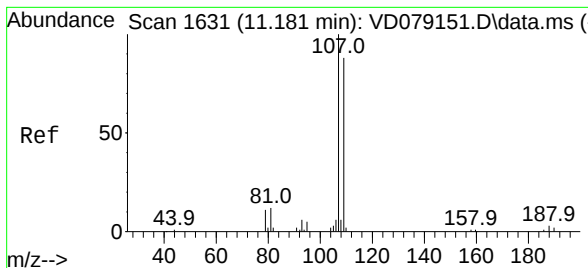


#49
Dibromochloromethane
Concen: 88.775 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41



Tgt Ion: 129 Resp: 285154
Ion Ratio Lower Upper
129 100
127 80.7 56.4 104.7





#50

1,2-Dibromoethane

Concen: 73.855 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079153.D

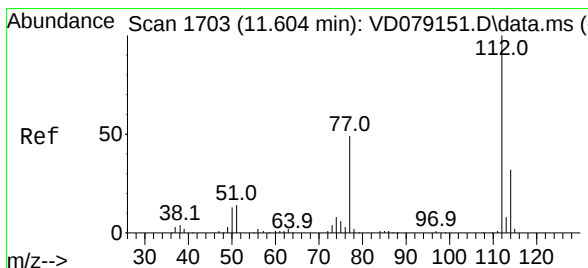
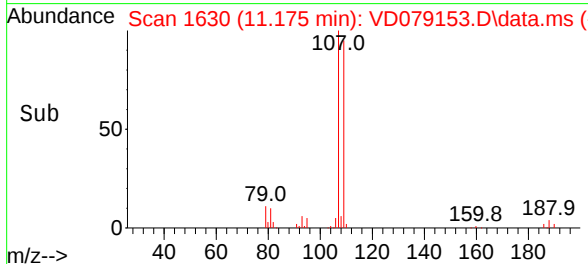
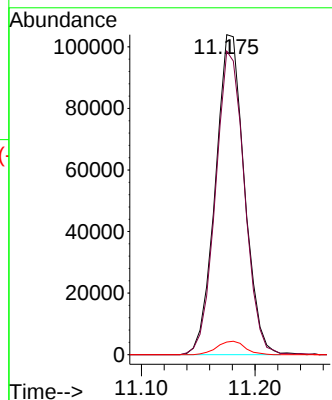
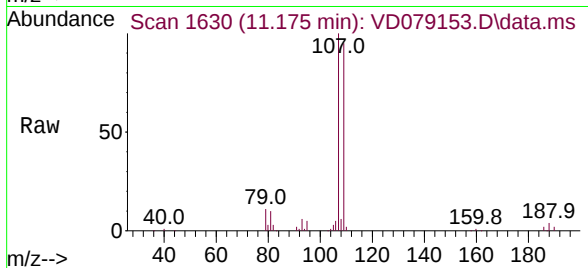
Acq: 10 Jun 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	184110
Ion Ratio	Lower	Upper
107	100	
109	94.9	64.5 119.7
188	3.9	2.6 3.8#



#51

Chlorobenzene

Concen: 17.726 ug/L

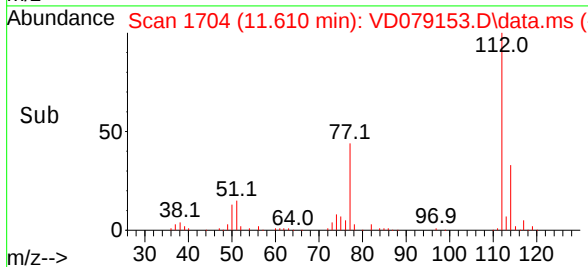
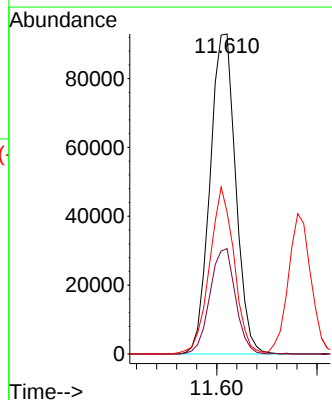
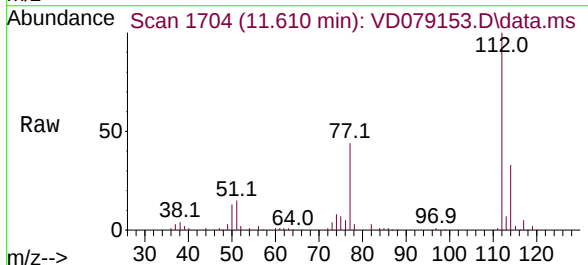
RT: 11.610 min Scan# 1704

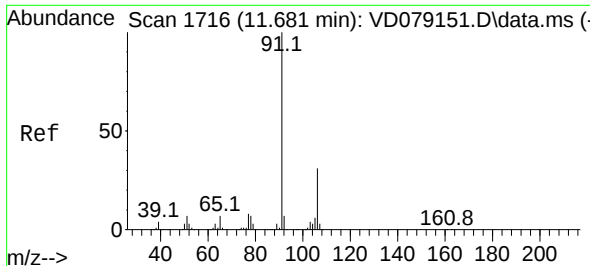
Delta R.T. 0.006 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

Tgt Ion:112	Resp:	165315
Ion Ratio	Lower	Upper
112	100	
114	32.9	22.7 42.3
77	44.3	38.4 57.6

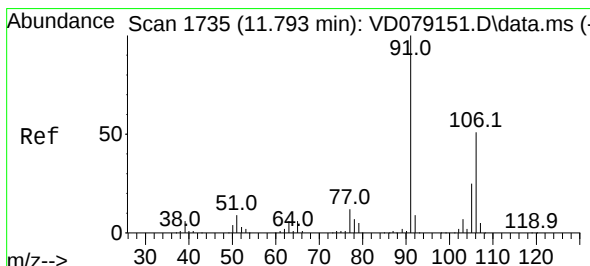
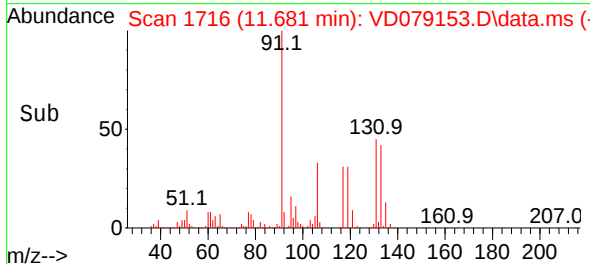
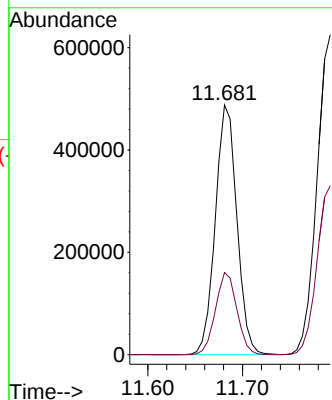
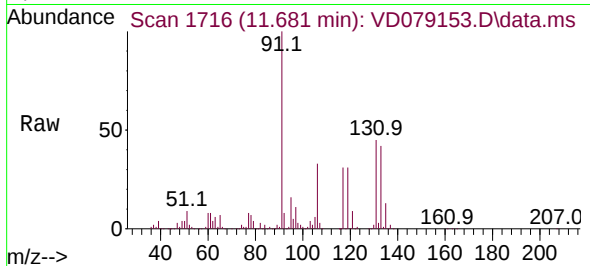




#52
Ethylbenzene
Concen: 52.913 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

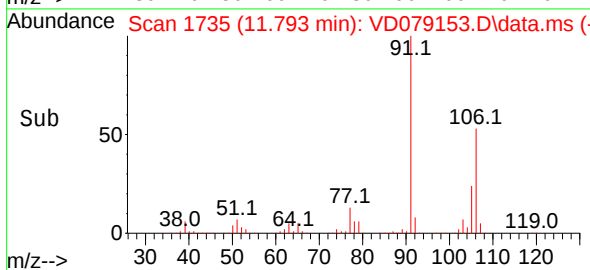
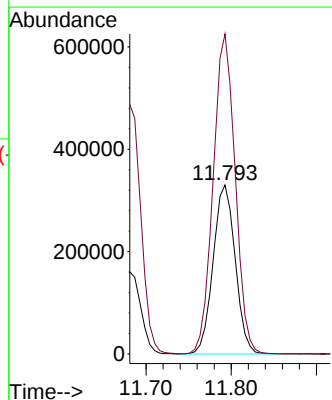
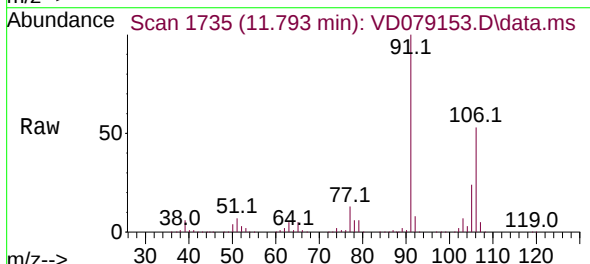
Instrument :
MSVOA_D
ClientSampleId :

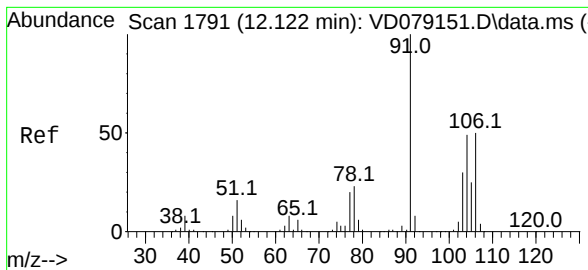
Tgt Ion: 91 Resp: 773615
Ion Ratio Lower Upper
91 100
106 32.9 22.3 41.5



#53
m,p-Xylene
Concen: 103.761 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

Tgt Ion:106 Resp: 595203
Ion Ratio Lower Upper
106 100
91 189.4 133.1 247.1

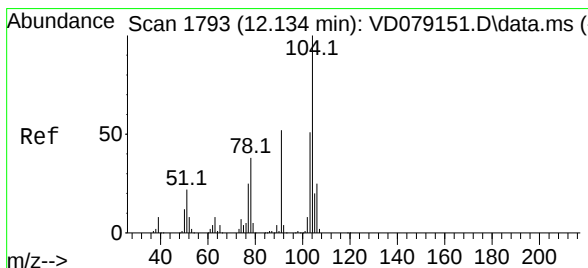
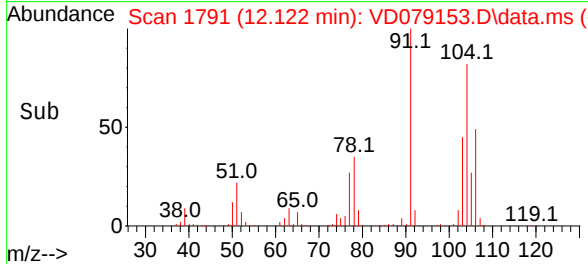
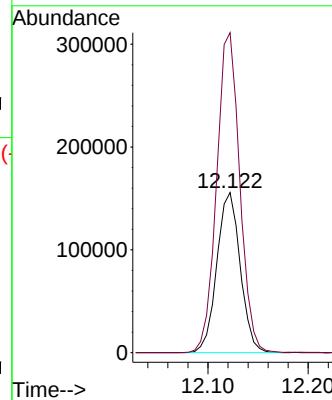
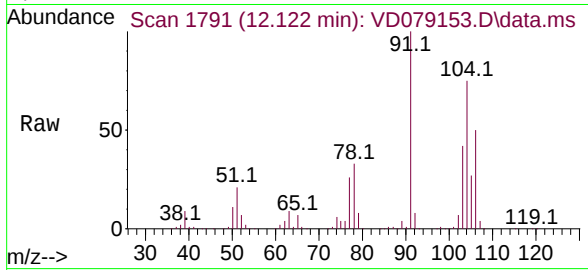




#54
o-Xylene
Concen: 45.477 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

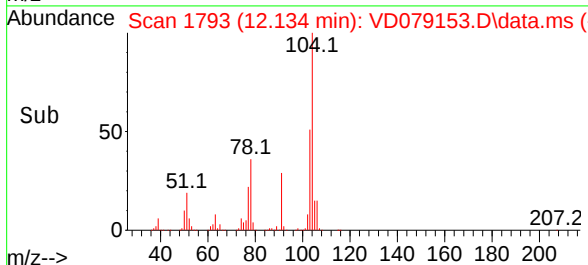
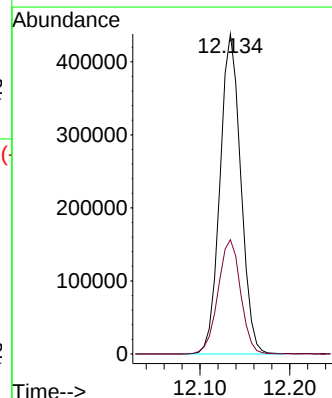
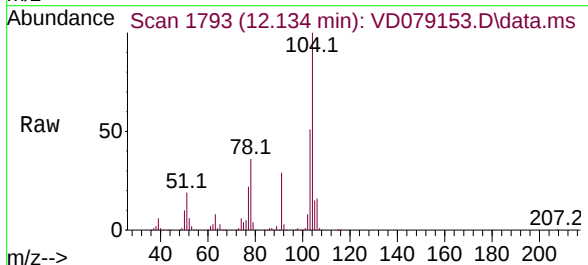
Instrument :
MSVOA_D
ClientSampleId :

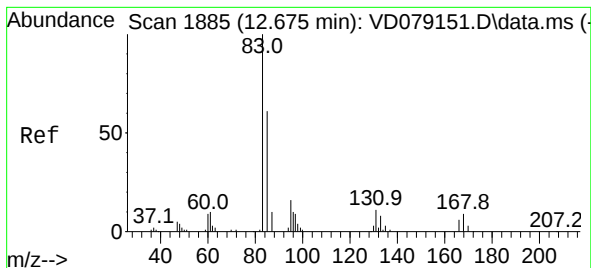
Tgt Ion:106 Resp: 252034
Ion Ratio Lower Upper
106 100
91 199.9 132.9 246.9



#55
Styrene
Concen: 71.778 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

Tgt Ion:104 Resp: 705339
Ion Ratio Lower Upper
104 100
78 35.7 27.8 51.6

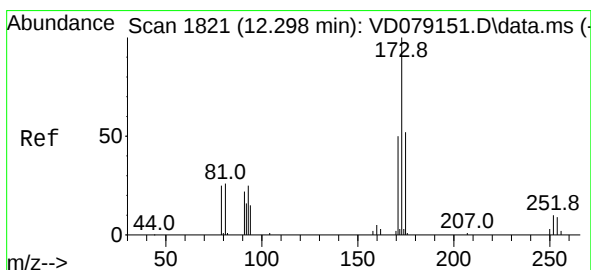
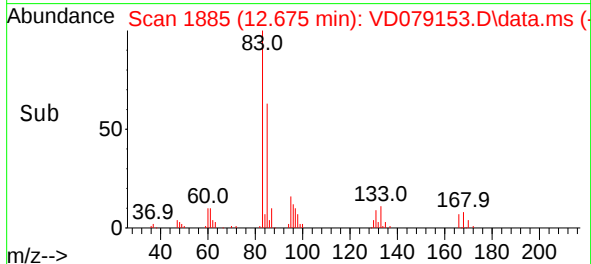
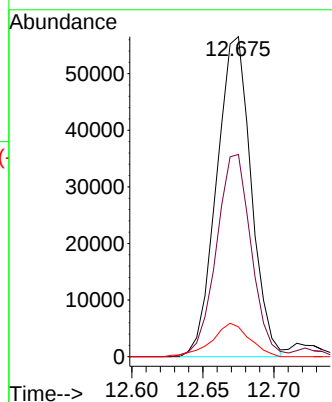
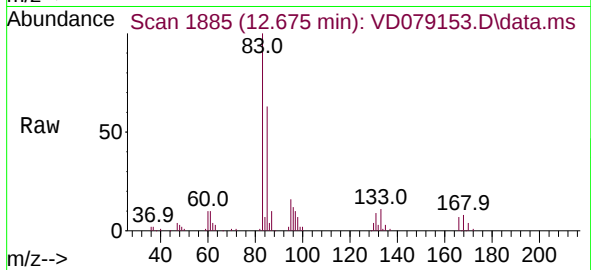




#57
1,1,2,2-Tetrachloroethane
Concen: 31.453 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

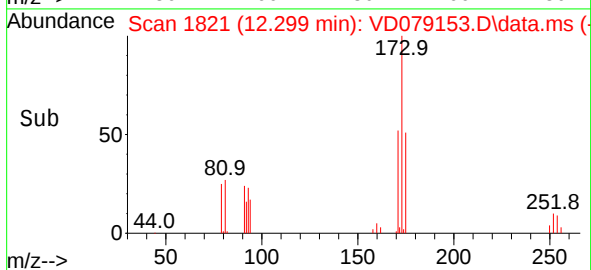
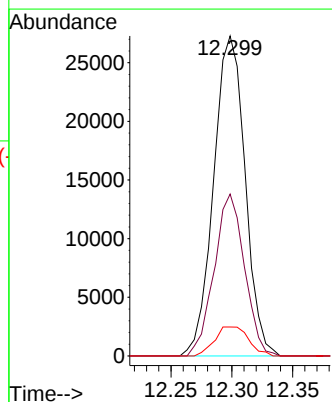
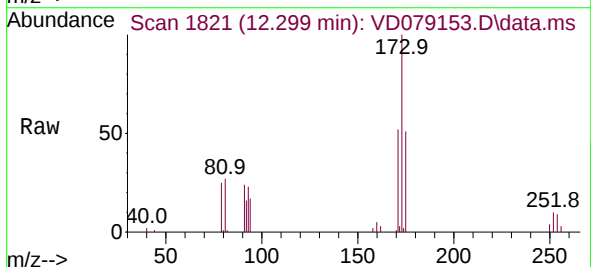
Instrument :
MSVOA_D
ClientSampleId :

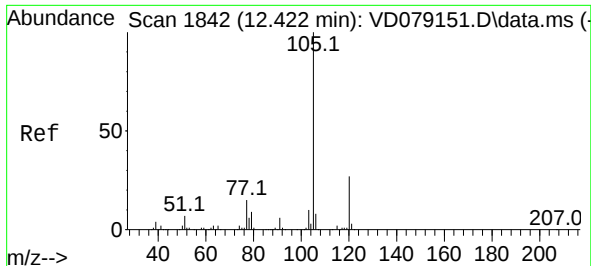
Tgt Ion: 83 Resp: 95501
Ion Ratio Lower Upper
83 100
85 63.2 47.5 88.1
131 9.3 8.6 13.0



#59
Bromoform
Concen: 24.610 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

Tgt Ion:173 Resp: 49100
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.4
254 9.8 7.0 10.6

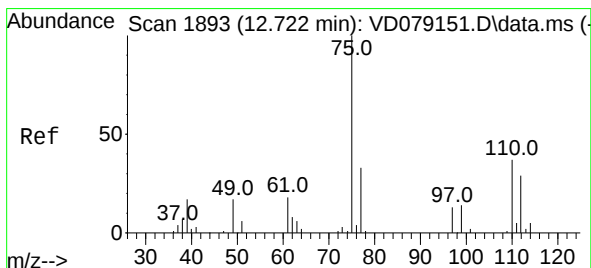
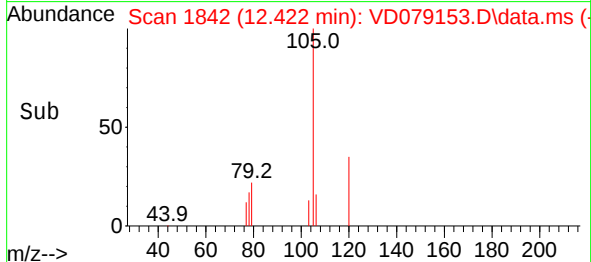
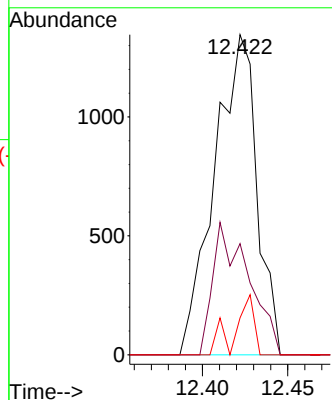
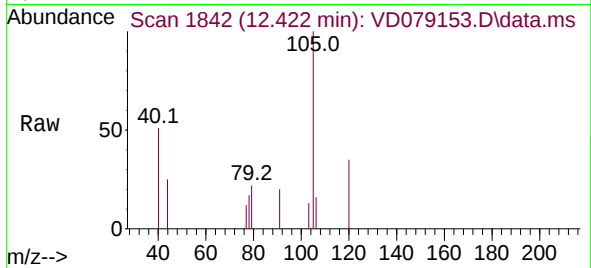




#60
Isopropylbenzene
Concen: 0.161 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

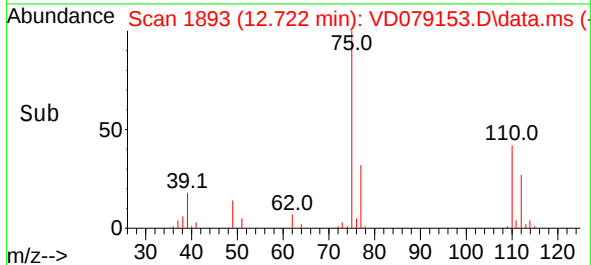
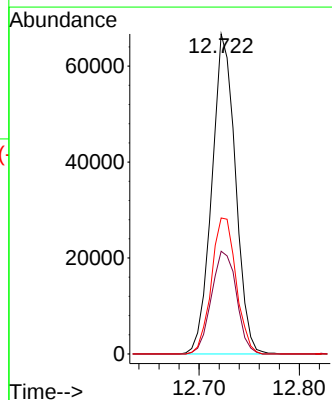
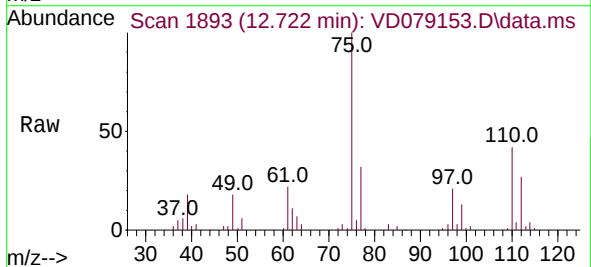
Instrument :
MSVOA_D
ClientSampleId :

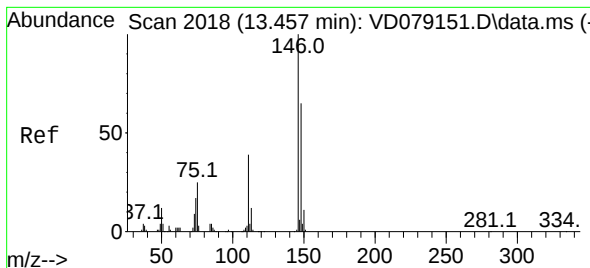
Tgt Ion:105 Resp: 2323
Ion Ratio Lower Upper
105 100
120 0.0 21.9 32.9#
77 6.2 10.9 16.3#



#61
1,2,3-Trichloropropane
Concen: 56.751 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

Tgt Ion: 75 Resp: 109069
Ion Ratio Lower Upper
75 100
77 34.0 25.9 38.9
110 44.3 34.2 51.4





#64

1,3-Dichlorobenzene

Concen: 99.346 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

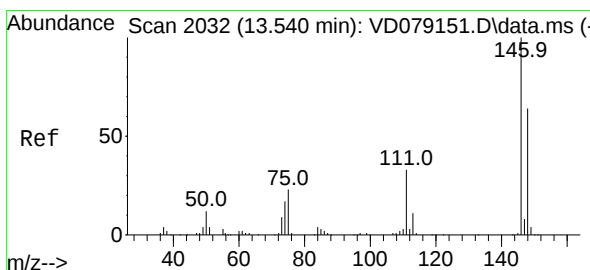
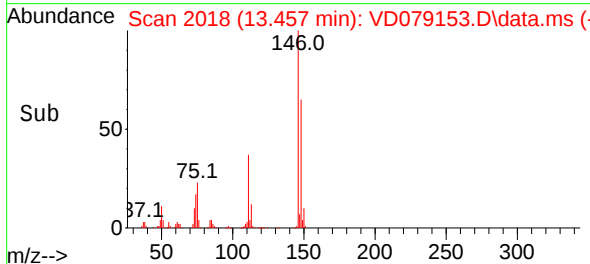
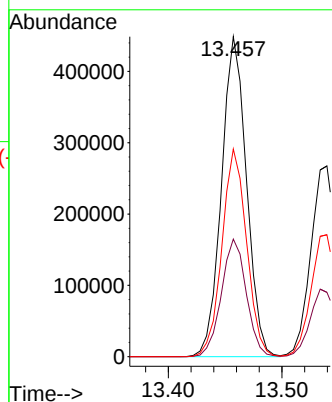
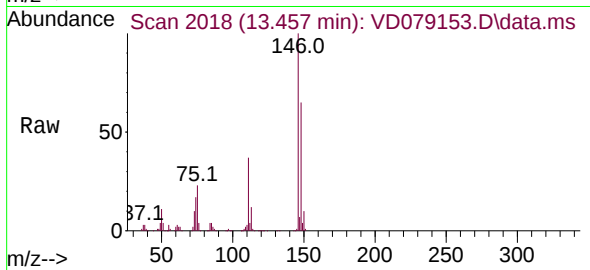
Tgt Ion:146 Resp: 686955

Ion Ratio Lower Upper

146 100

111 36.7 24.4 45.4

148 64.9 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 59.336 ug/L

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

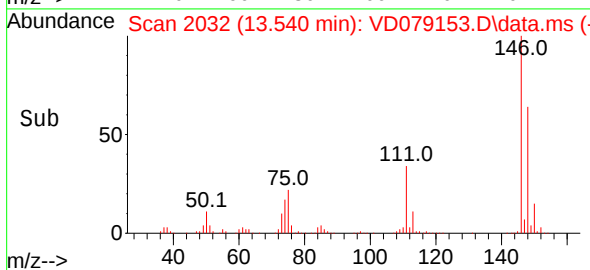
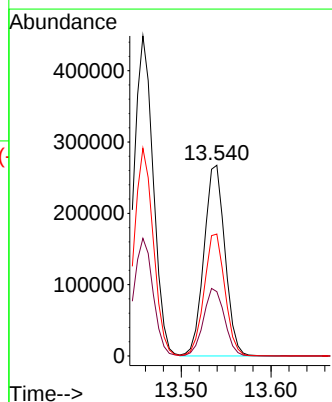
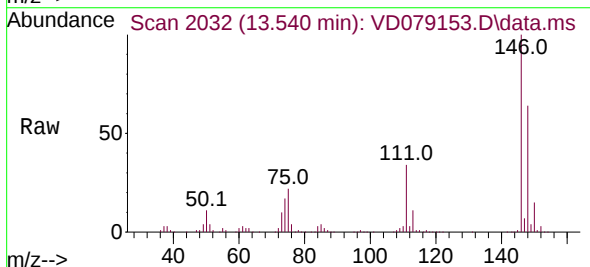
Tgt Ion:146 Resp: 434731

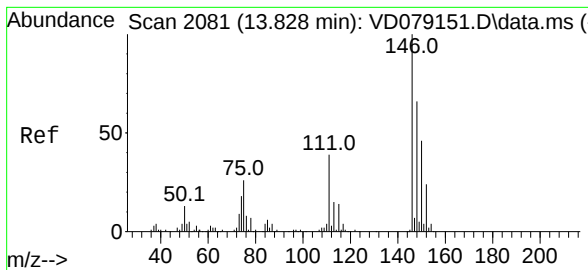
Ion Ratio Lower Upper

146 100

111 33.7 26.3 48.9

148 63.9 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 29.468 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

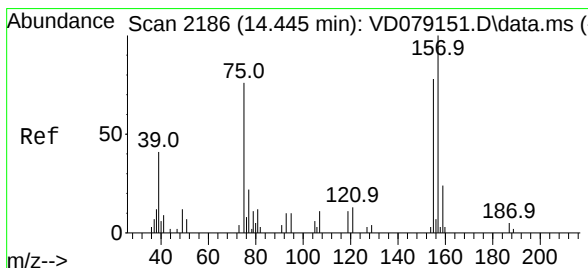
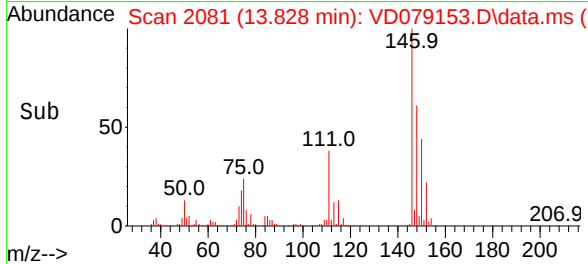
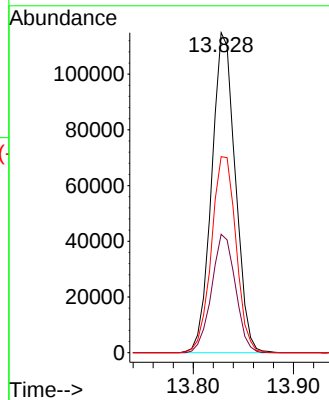
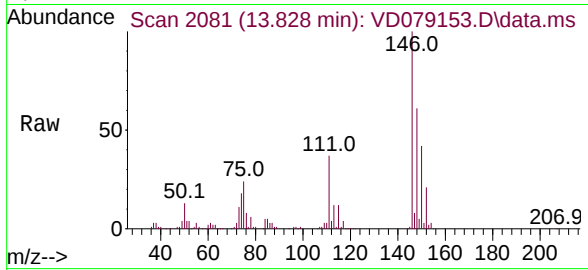
Tgt Ion:146 Resp: 188367

Ion Ratio Lower Upper

146 100

111 37.0 29.1 43.7

148 61.3 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 39.399 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

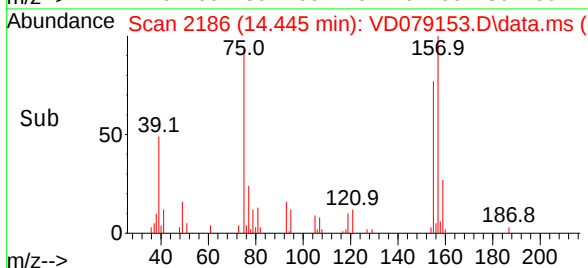
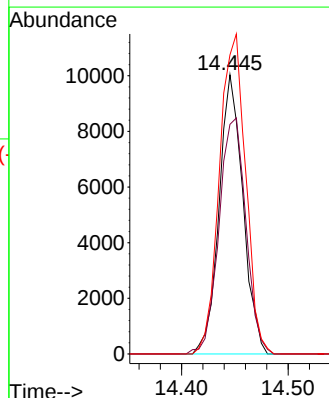
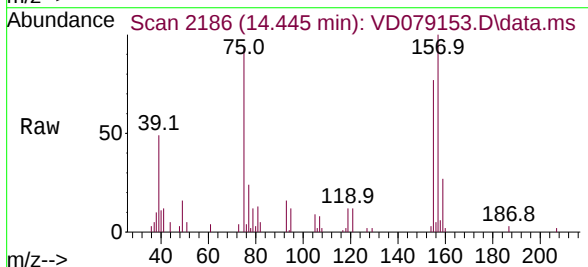
Tgt Ion: 75 Resp: 15566

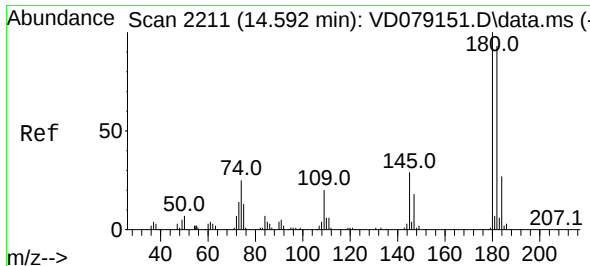
Ion Ratio Lower Upper

75 100

155 82.2 68.1 102.1

157 107.1 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 20.288 ug/L

RT: 15.098 min Scan# 2211

Delta R.T. 0.506 min

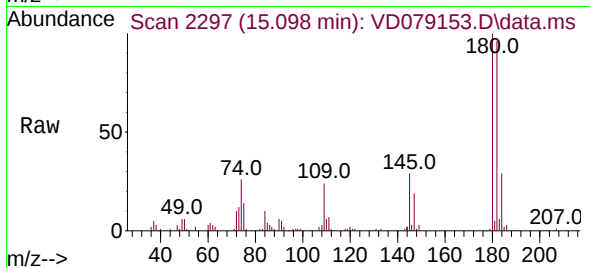
Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 88478

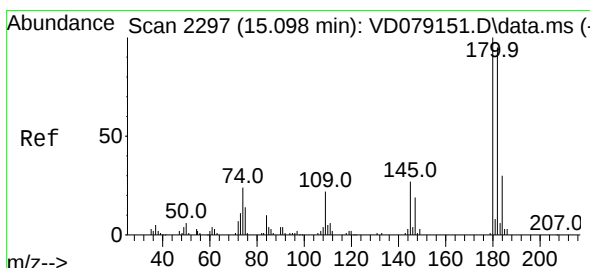
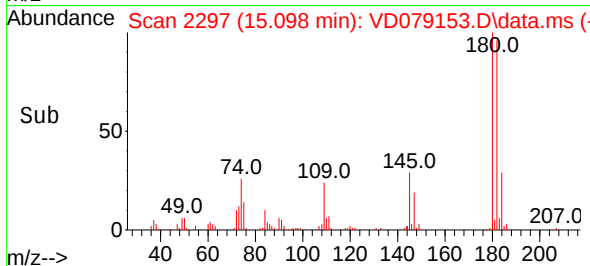
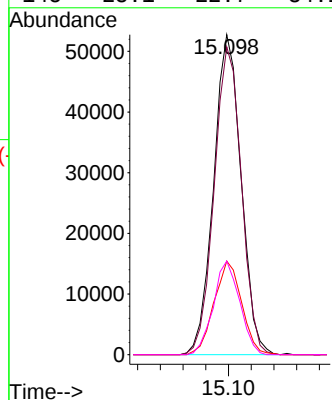
Ion Ratio Lower Upper

180 100

182 95.3 76.9 115.3

184 29.4 23.3 34.9

145 28.1 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 24.428 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079153.D

Acq: 10 Jun 2024 12:41

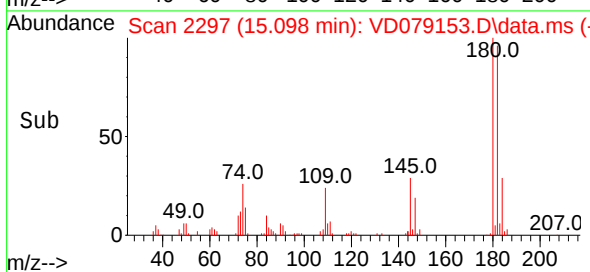
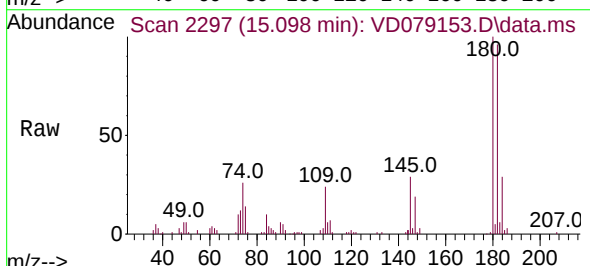
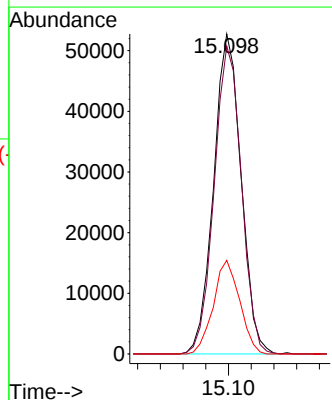
Tgt Ion:180 Resp: 88478

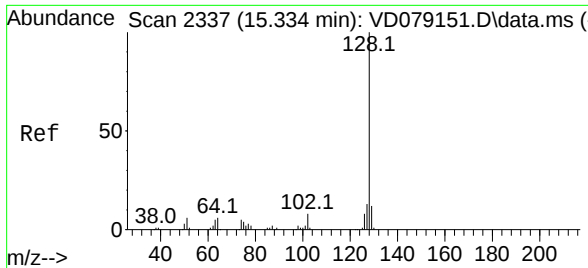
Ion Ratio Lower Upper

180 100

182 95.3 73.8 110.6

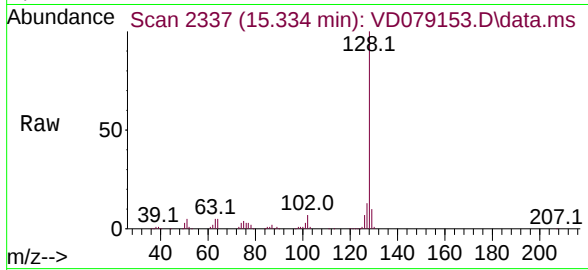
145 28.1 22.3 33.5





#71
Naphthalene
Concen: 78.878 ug/L
RT: 15.334 min Scan# 24
Delta R.T. 0.000 min
Lab File: VD079153.D
Acq: 10 Jun 2024 12:41

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	534302
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.8	16.2
129	10.6	8.5	12.7

