

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079307.D
 Acq On : 01 Jul 2024 20:20
 Operator : RP/MD
 Sample : P3141-05
 Misc : 6.85G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 02 06:02:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

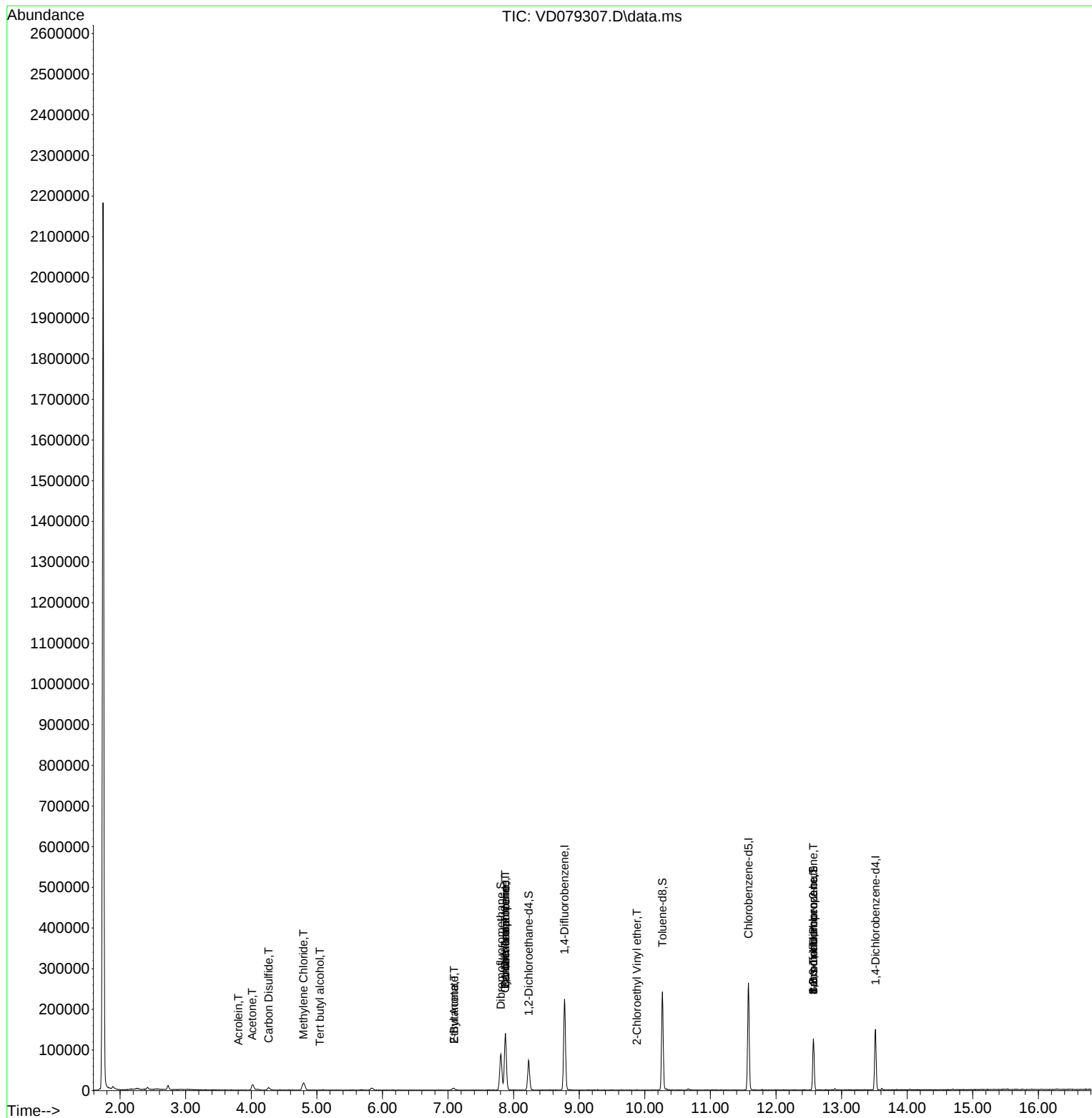
Internal Standards						
1) Pentafluorobenzene	7.875	168	94879	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	192922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	152349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	39529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52606	57.294	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.580%			
35) Dibromofluoromethane	7.805	113	65242	51.520	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.040%			
50) Toluene-d8	10.269	98	169524	37.212	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 74.420%			
62) 4-Bromofluorobenzene	12.569	95	40867	27.975	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 55.940%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	146	Below Cal	#	69
11) Tert butyl alcohol	5.046	59	77	1.213	ug/l #	86
13) Acrolein	3.805	56	182	1.450	ug/l #	56
16) Acetone	4.017	43	22382	99.394	ug/l	98
17) Carbon Disulfide	4.264	76	12160	2.775	ug/l #	87
20) Methylene Chloride	4.793	84	14733	4.456	ug/l #	88
25) 2-Butanone	7.093	43	6956	22.173	ug/l #	79
31) Cyclohexane	7.869	56	2396	1.188	ug/l #	23
36) 1,1-Dichloropropene	7.875	75	9401	4.778	ug/l #	46
37) Ethyl Acetate	7.093	43	6956	9.288	ug/l #	64
38) Carbon Tetrachloride	7.875	117	11154	5.583	ug/l #	19
58) 2-Chloroethyl Vinyl ether	9.881	63	55	19.544	ug/l #	42
71) Bromoform	12.569	173	720	1.151	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	21044	53.197	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	21044	98.713	ug/l #	19

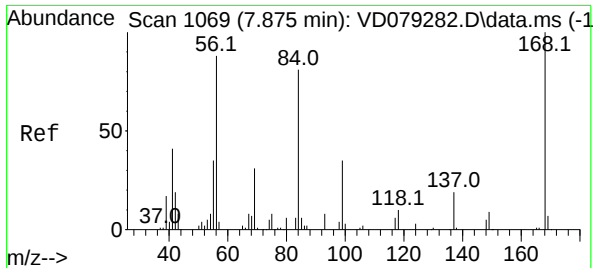
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_D\Data\VD070124\
Data File : VD079307.D
Acq On : 01 Jul 2024 20:20
Operator : RP/MD
Sample : P3141-05
Misc : 6.85G/5.0ml/MSV0A_D/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSV0A_D
ClientSampleId :

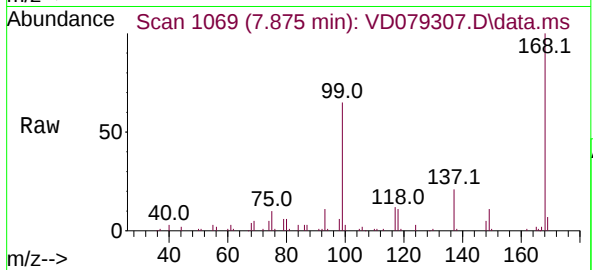
Quant Time: Jul 02 06:02:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration



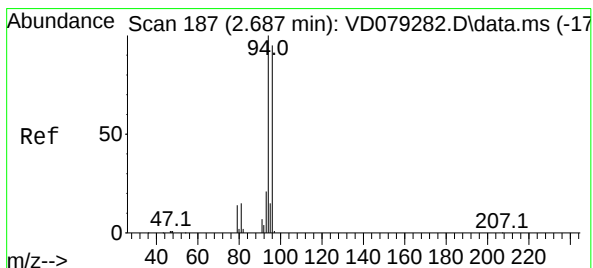
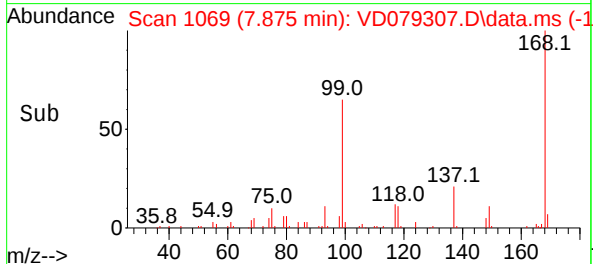
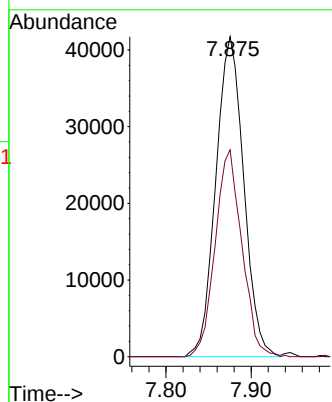


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

Instrument :
MSVOA_D
ClientSampleId :

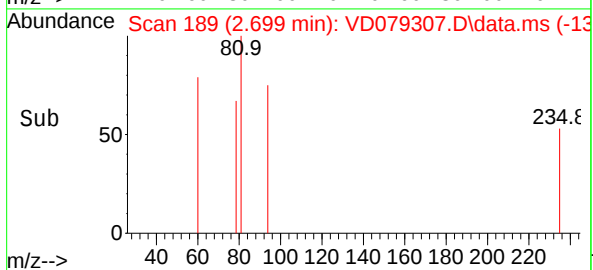
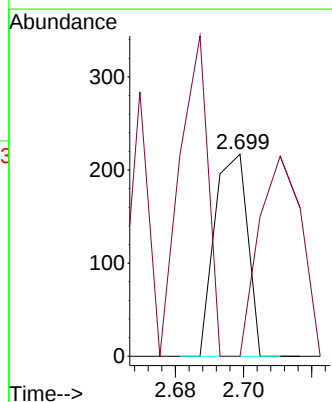
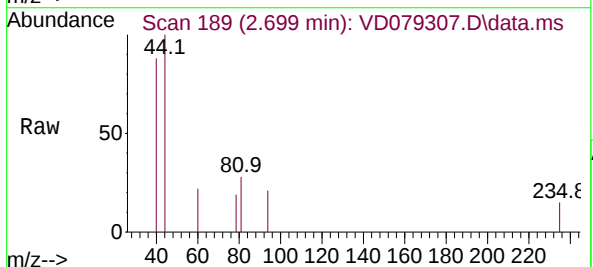


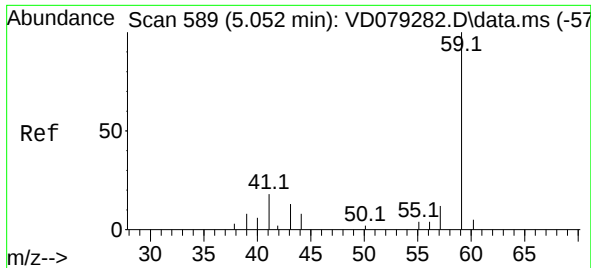
Tgt Ion:168 Resp: 94879
Ion Ratio Lower Upper
168 100
99 64.7 41.1 61.7#



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.041 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

Tgt Ion: 94 Resp: 146
Ion Ratio Lower Upper
94 100
96 126.7 76.9 115.3#

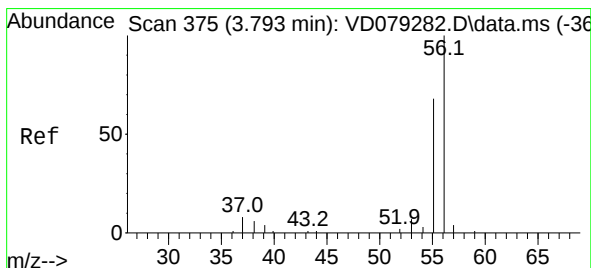
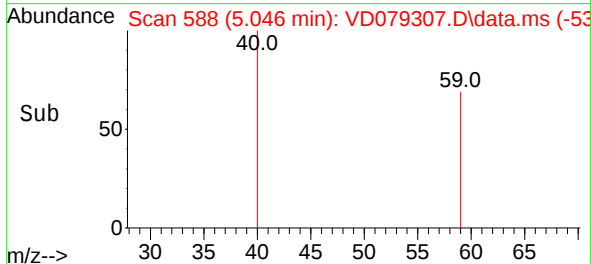
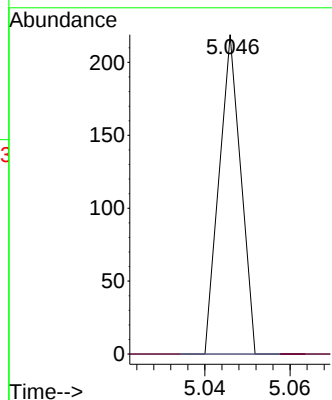
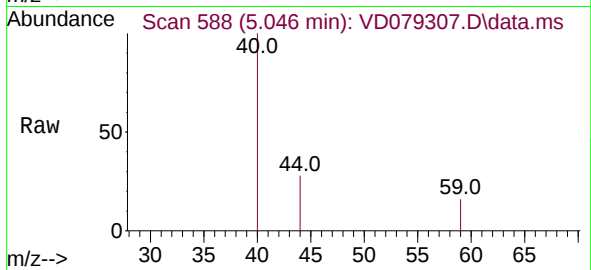




#11
Tert butyl alcohol
Concen: 1.213 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

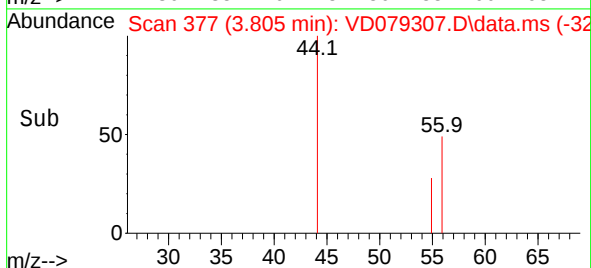
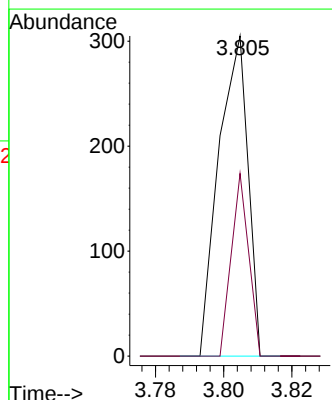
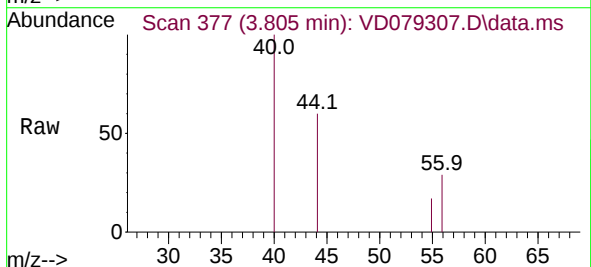
Instrument :
MSVOA_D
ClientSampleId :

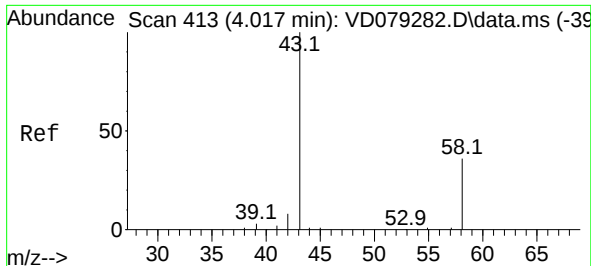
Tgt Ion: 59 Resp: 77
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#13
Acrolein
Concen: 1.450 ug/l
RT: 3.805 min Scan# 377
Delta R.T. 0.012 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

Tgt Ion: 56 Resp: 182
Ion Ratio Lower Upper
56 100
55 33.5 55.3 82.9#

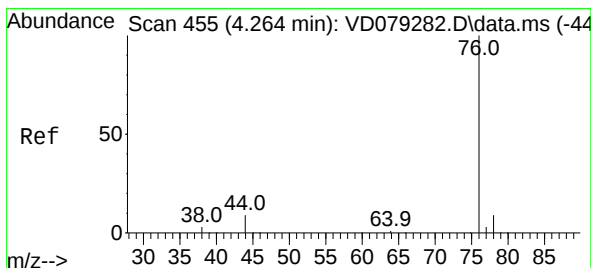
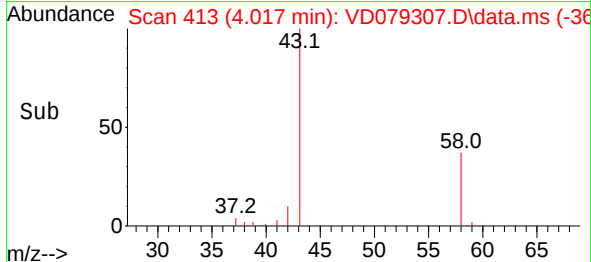
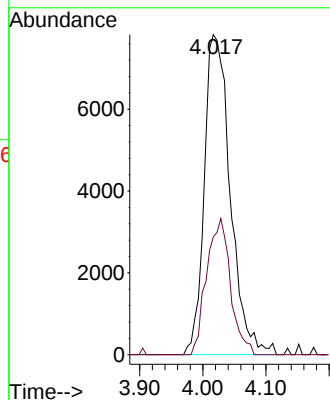
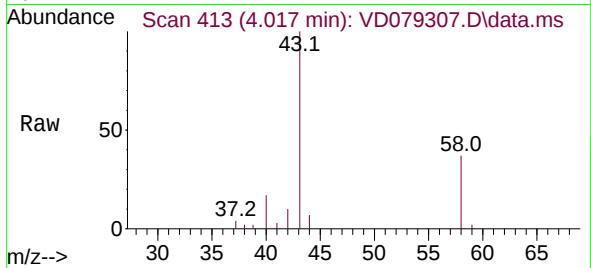




#16
Acetone
Concen: 99.394 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

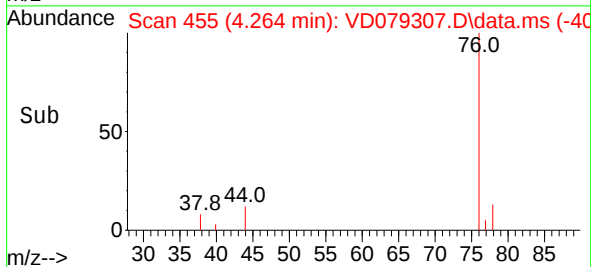
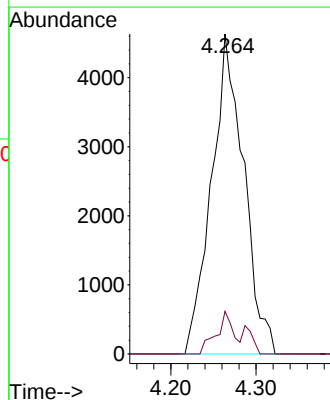
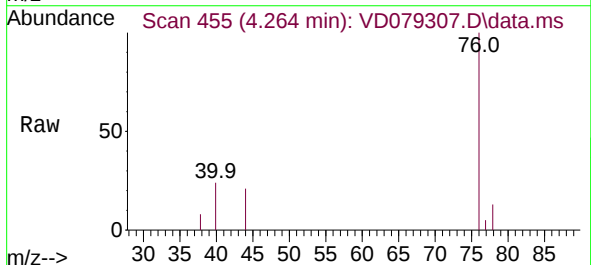
Instrument :
MSVOA_D
ClientSampleId :

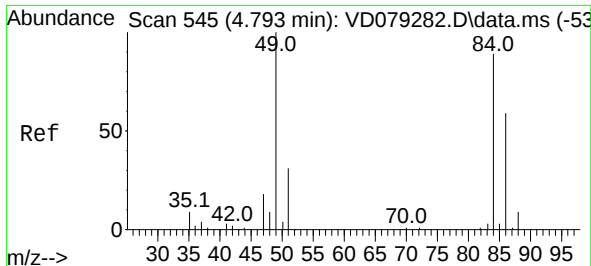
Tgt Ion: 43 Resp: 22382
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6



#17
Carbon Disulfide
Concen: 2.775 ug/l
RT: 4.264 min Scan# 455
Delta R.T. 0.000 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

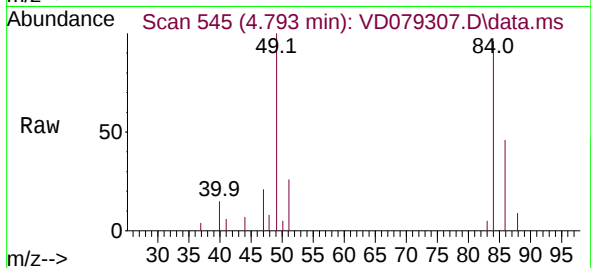
Tgt Ion: 76 Resp: 12160
Ion Ratio Lower Upper
76 100
78 13.3 6.9 10.3#



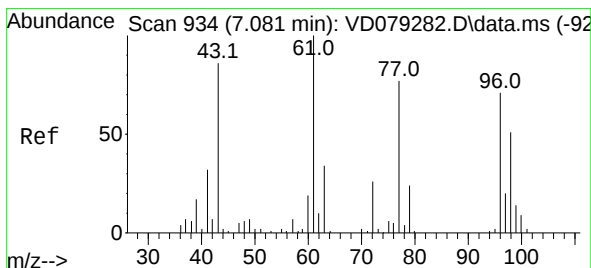
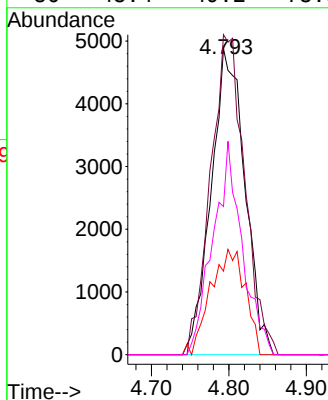
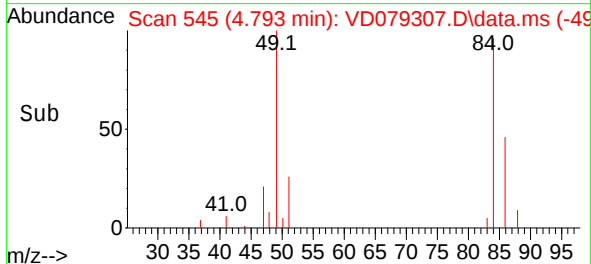


#20
Methylene Chloride
Concen: 4.456 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

Instrument :
MSVOA_D
ClientSampleId :

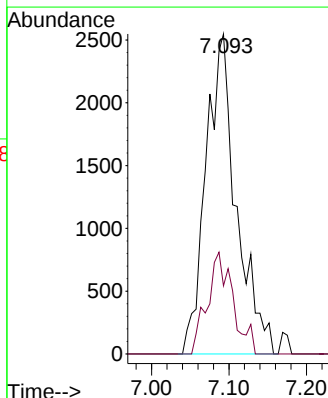
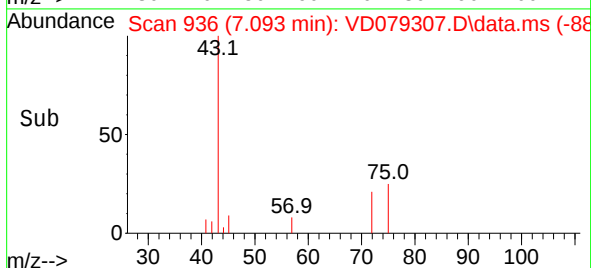
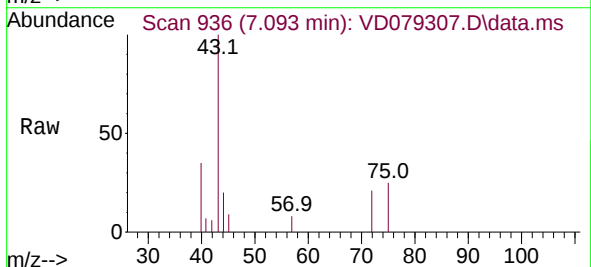


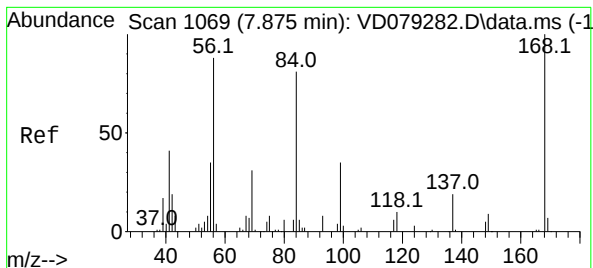
Tgt Ion: 84	Resp: 14733
Ion Ratio	Lower Upper
84 100	
49 104.6	75.6 113.4
51 27.3	24.2 36.2
86 48.4	49.2 73.8#



#25
2-Butanone
Concen: 22.173 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.018 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

Tgt Ion: 43	Resp: 6956
Ion Ratio	Lower Upper
43 100	
72 21.3	26.4 39.6#





#31

Cyclohexane

Concen: 1.188 ug/l

RT: 7.869 min Scan# 1

Delta R.T. -0.006 min

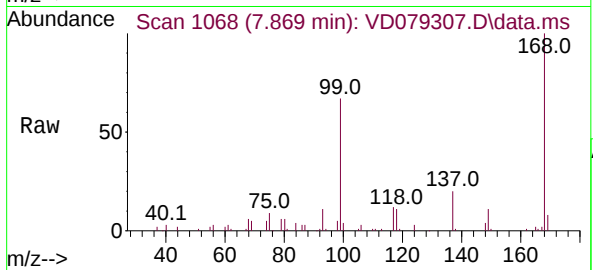
Lab File: VD079307.D

Acq: 01 Jul 2024 20:20

Instrument :

MSVOA_D

ClientSampleId :



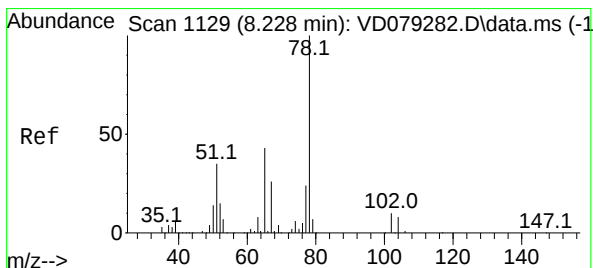
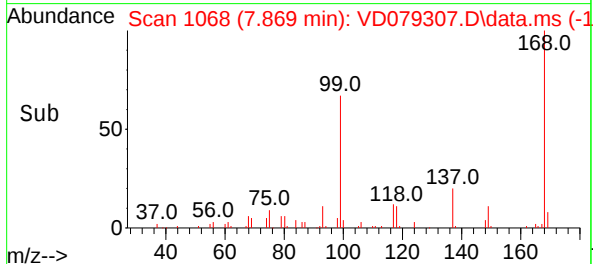
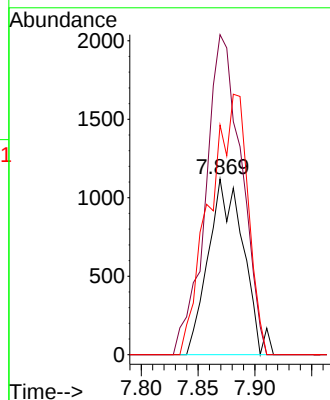
Tgt Ion: 56 Resp: 2396

Ion Ratio Lower Upper

56 100

69 182.1 28.0 42.0#

84 130.6 87.4 131.0



#33

1,2-Dichloroethane-d4

Concen: 57.294 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079307.D

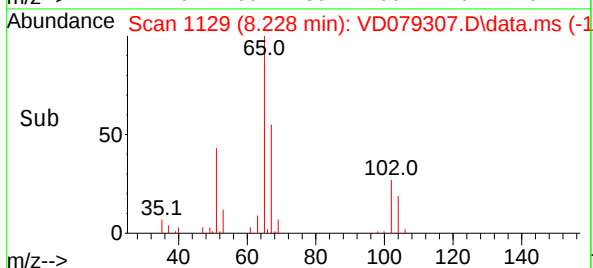
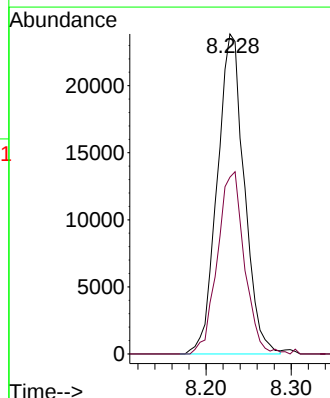
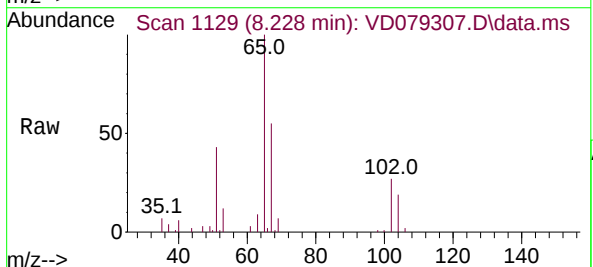
Acq: 01 Jul 2024 20:20

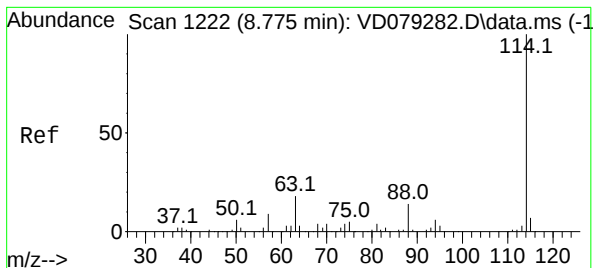
Tgt Ion: 65 Resp: 52606

Ion Ratio Lower Upper

65 100

67 56.9 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 114

Delta R.T. -0.000 min MSVOA_D

Lab File: VD079307.D

Acq: 01 Jul 2024 20:20

Instrument :

MSVOA_D

ClientSampleId :

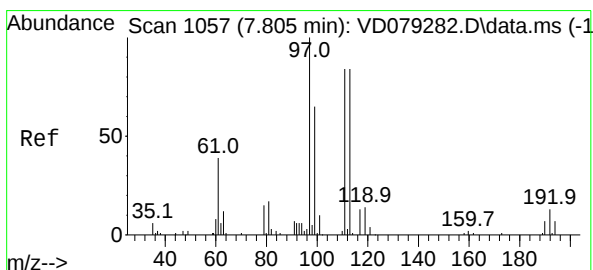
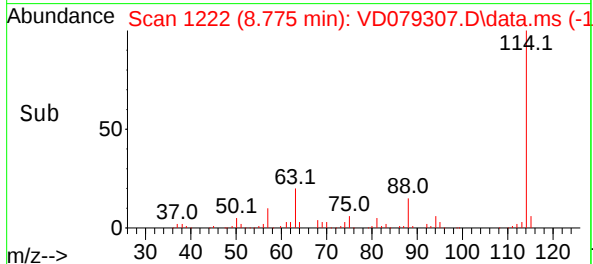
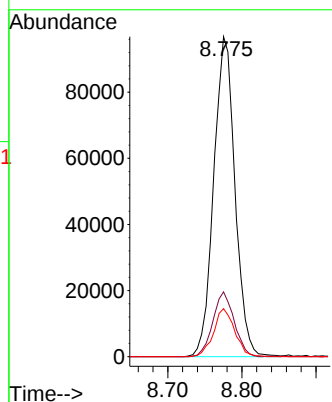
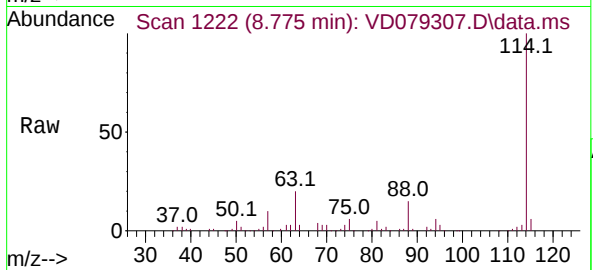
Tgt Ion:114 Resp: 192922

Ion Ratio Lower Upper

114 100

63 20.2 0.0 34.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.520 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079307.D

Acq: 01 Jul 2024 20:20

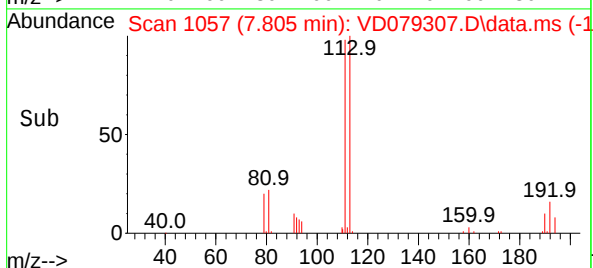
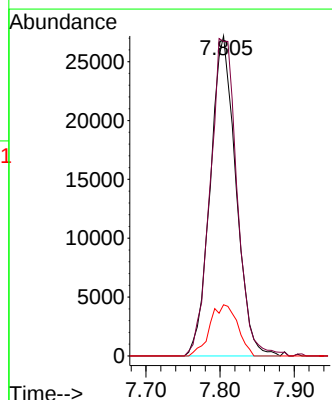
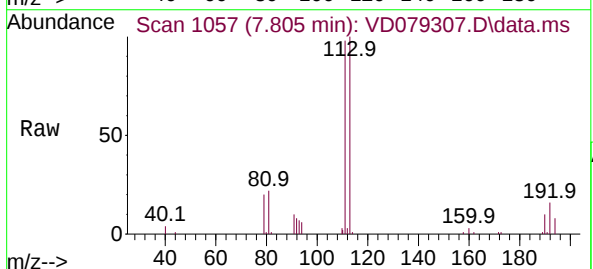
Tgt Ion:113 Resp: 65242

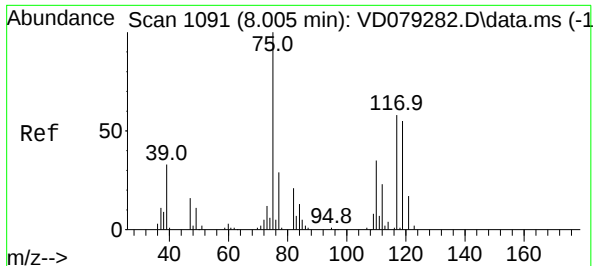
Ion Ratio Lower Upper

113 100

111 104.0 84.0 126.0

192 17.4 15.4 23.0

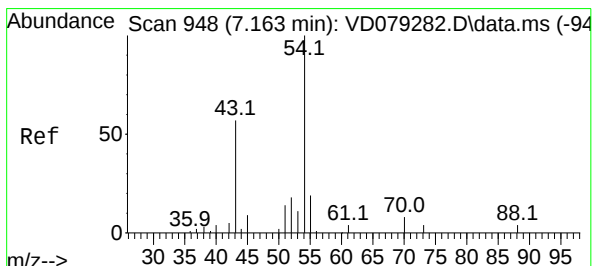
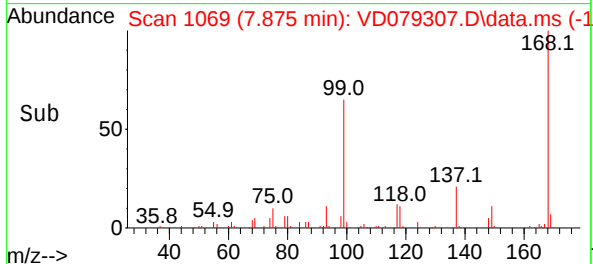
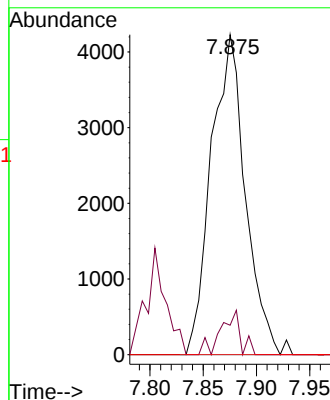
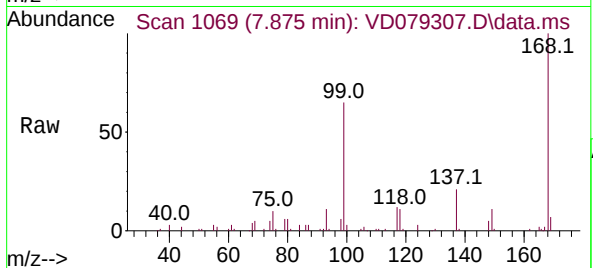




#36
1,1-Dichloropropene
Concen: 4.778 ug/l
RT: 7.875 min Scan# 1091
Delta R.T. -0.129 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

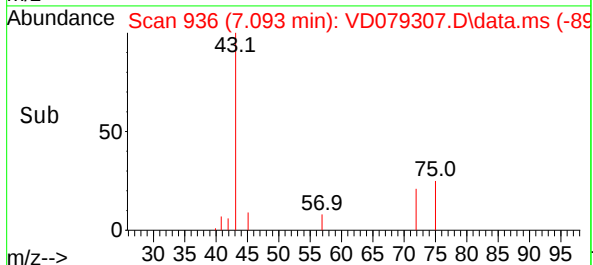
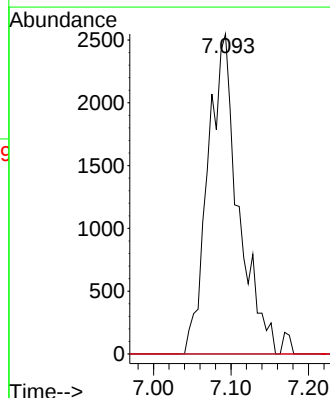
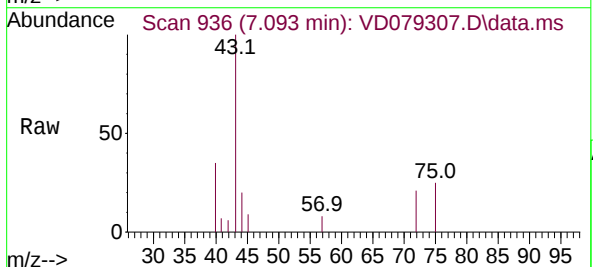
Instrument :
MSVOA_D
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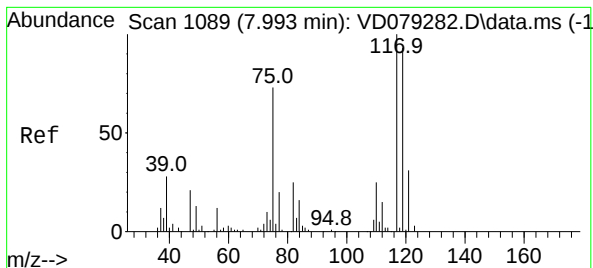
Tgt Ion: 75 Resp: 9401
Ion Ratio Lower Upper
75 100
110 8.1 19.6 58.7#
77 0.0 26.1 39.1#



#37
Ethyl Acetate
Concen: 9.288 ug/l
RT: 7.093 min Scan# 936
Delta R.T. -0.071 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

Tgt Ion: 43 Resp: 6956
Ion Ratio Lower Upper
43 100
61 0.0 13.9 20.9#
70 0.0 9.8 14.6#





#38

Carbon Tetrachloride

Concen: 5.583 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.112 min

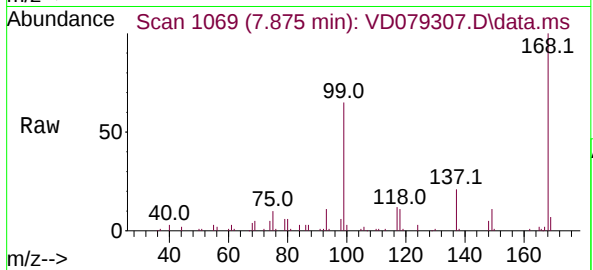
Lab File: VD079307.D

Acq: 01 Jul 2024 20:20

Instrument :

MSVOA_D

ClientSampleId :



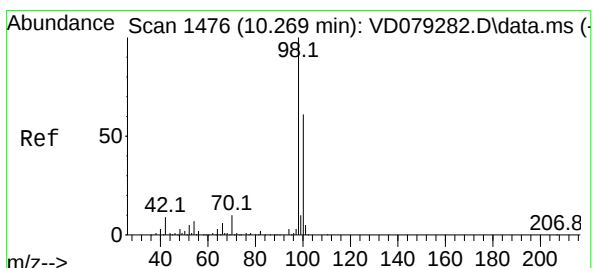
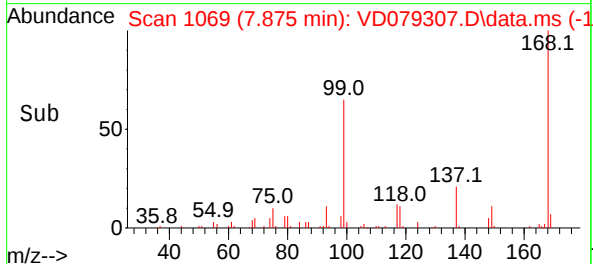
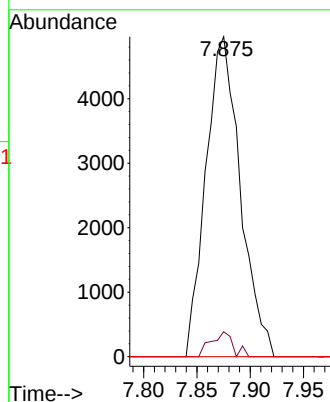
Tgt Ion:117 Resp: 11154

Ion Ratio Lower Upper

117 100

119 7.8 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 37.212 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079307.D

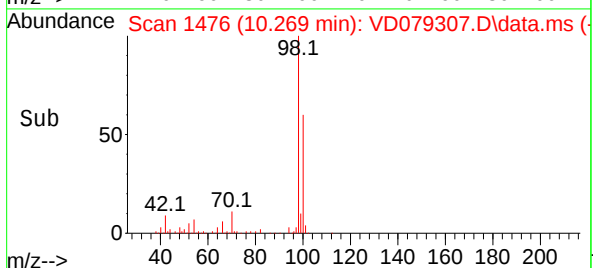
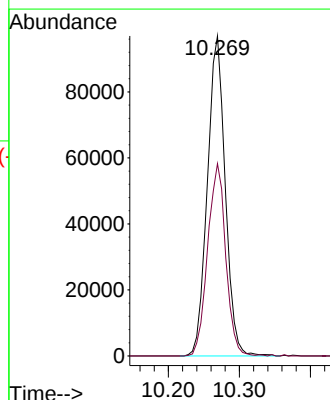
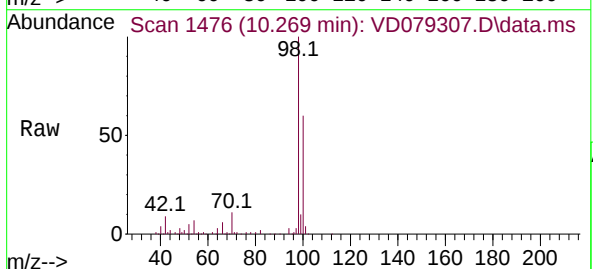
Acq: 01 Jul 2024 20:20

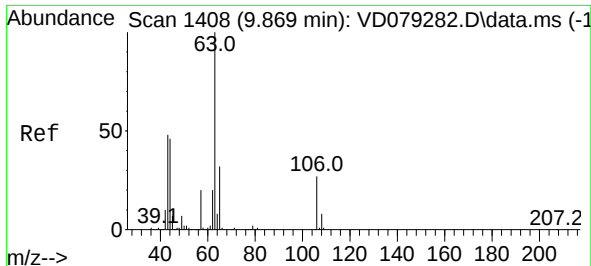
Tgt Ion: 98 Resp: 169524

Ion Ratio Lower Upper

98 100

100 60.8 51.6 77.4

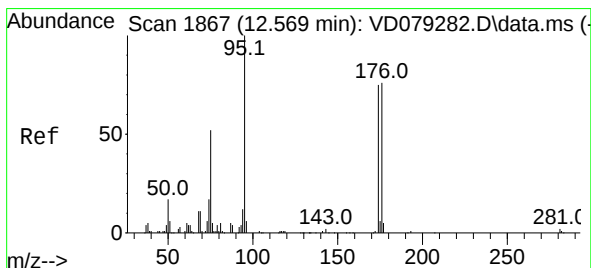
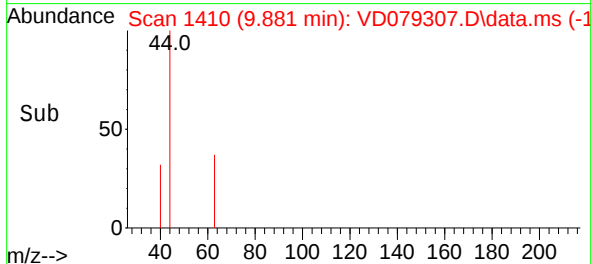
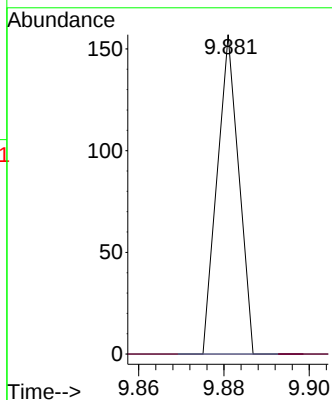
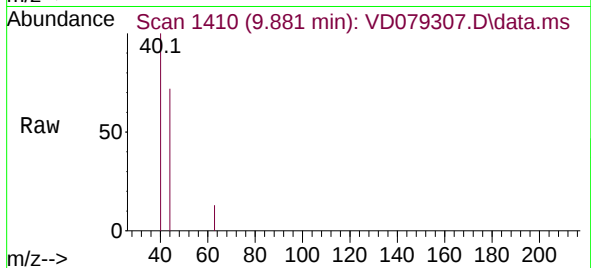




#58
2-Chloroethyl Vinyl ether
Concen: 19.544 ug/l
RT: 9.881 min Scan# 1410
Delta R.T. 0.012 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

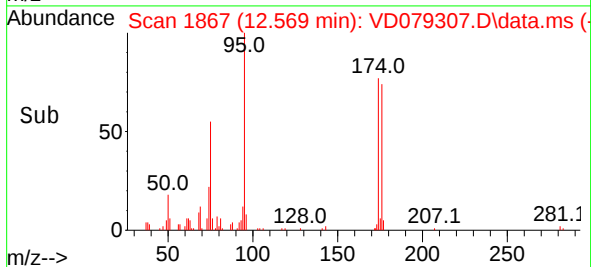
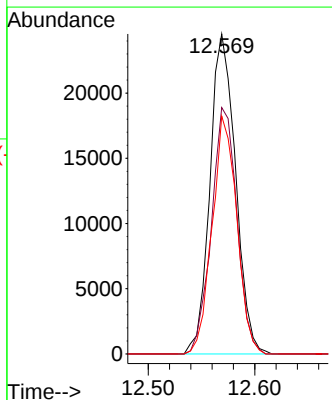
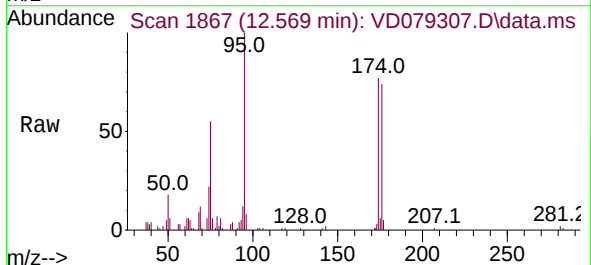
Instrument :
MSVOA_D
ClientSampleId :

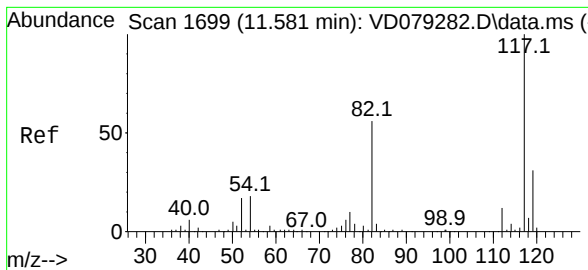
Tgt Ion: 63 Resp: 55
Ion Ratio Lower Upper
63 100
106 0.0 26.4 39.6#



#62
4-Bromofluorobenzene
Concen: 27.975 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

Tgt Ion: 95 Resp: 40867
Ion Ratio Lower Upper
95 100
174 76.8 0.0 195.4
176 71.7 0.0 192.6

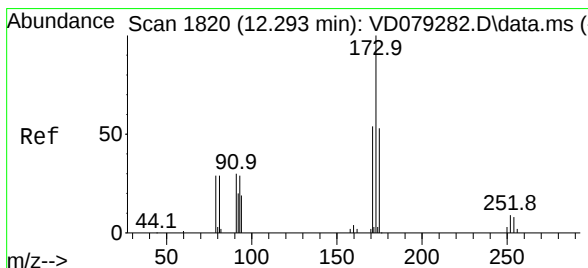
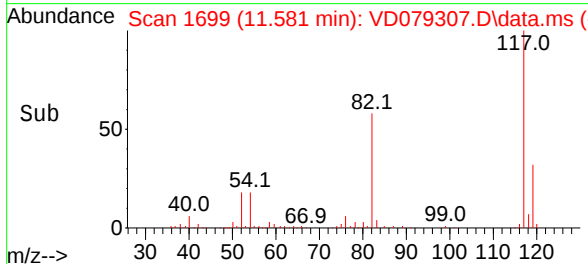
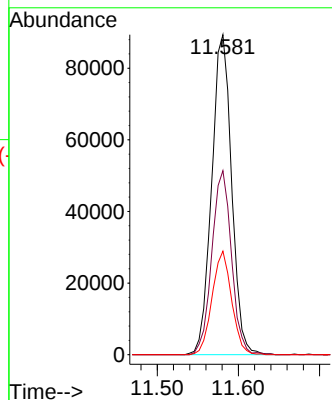
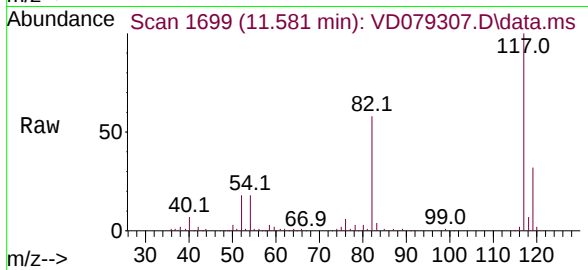




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

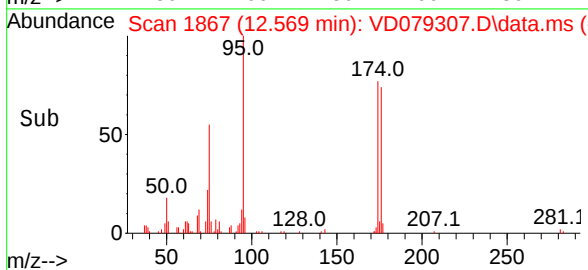
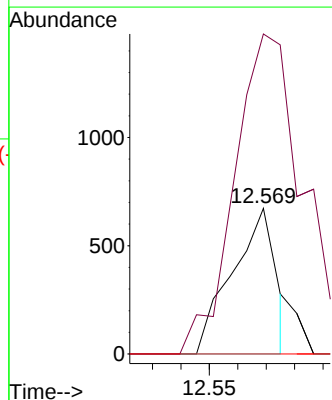
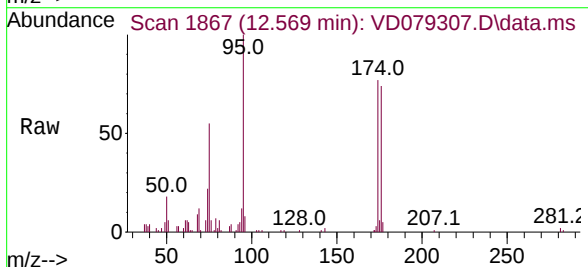
Instrument :
MSVOA_D
ClientSampleId :

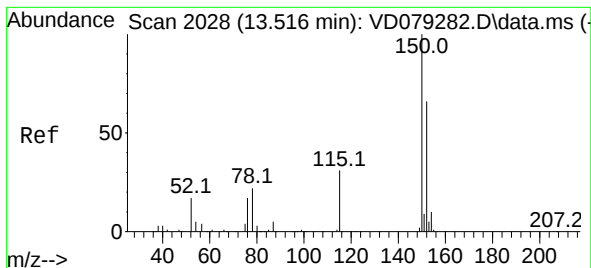
Tgt Ion:117 Resp: 152349
Ion Ratio Lower Upper
117 100
82 57.5 39.8 59.6
119 32.3 25.7 38.5



#71
Bromoform
Concen: 1.151 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.271 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

Tgt Ion:173 Resp: 720
Ion Ratio Lower Upper
173 100
175 251.8 23.7 71.1#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

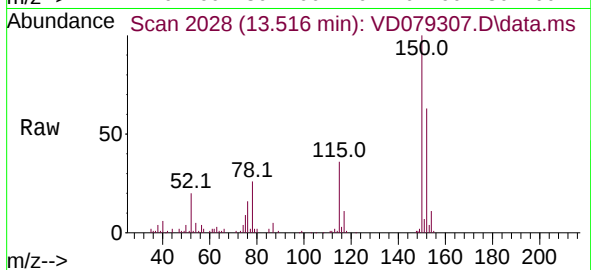
Lab File: VD079307.D

Acq: 01 Jul 2024 20:20

Instrument :

MSVOA_D

ClientSampleId :



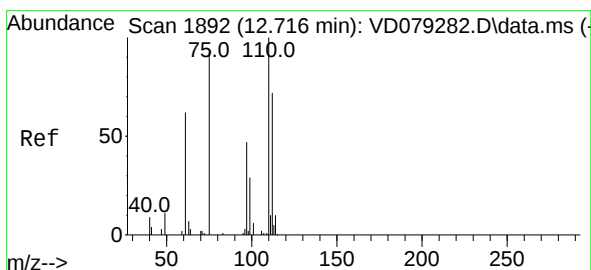
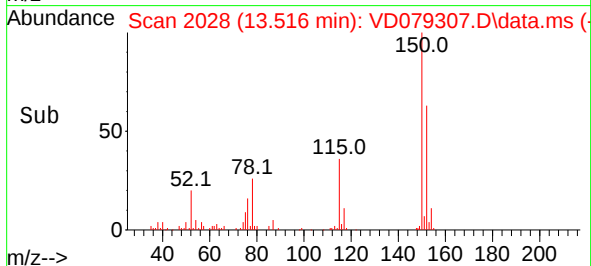
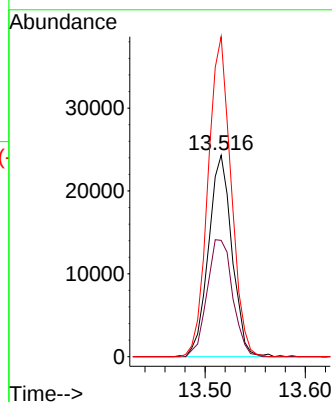
Tgt Ion:152 Resp: 39529

Ion Ratio Lower Upper

152 100

115 63.4 26.5 79.5

150 156.0 0.0 341.6



#76

1,2,3-Trichloropropane

Concen: 53.197 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079307.D

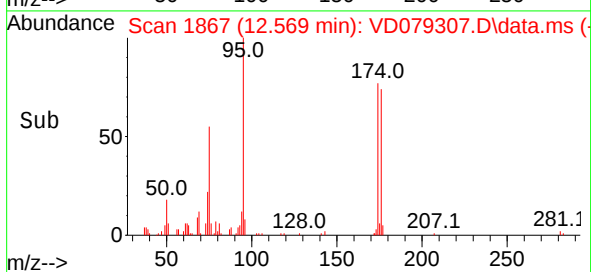
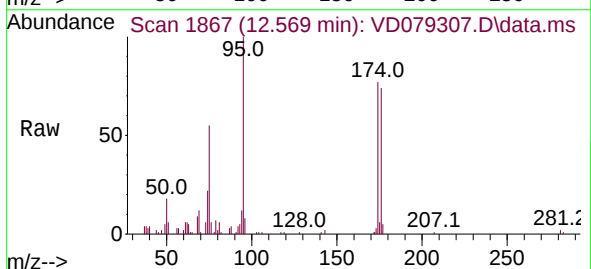
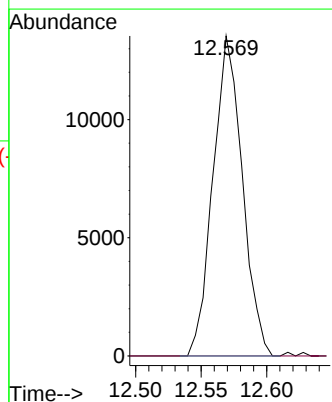
Acq: 01 Jul 2024 20:20

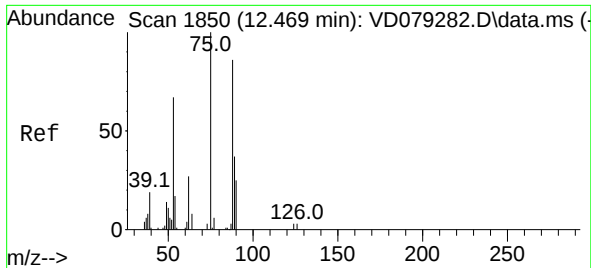
Tgt Ion: 75 Resp: 21044

Ion Ratio Lower Upper

75 100

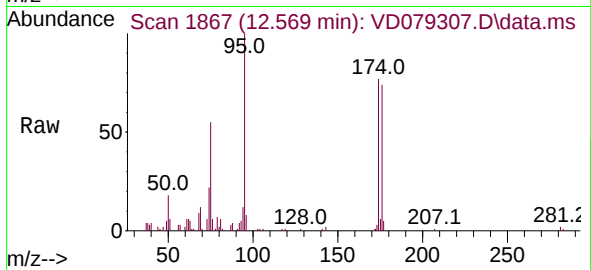
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 98.713 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	21044
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

