

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079305.D
 Acq On : 01 Jul 2024 19:25
 Operator : RP/MD
 Sample : P3141-03
 Misc : 7.17G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-140-SB02

Quant Time: Jul 02 06:01:42 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)

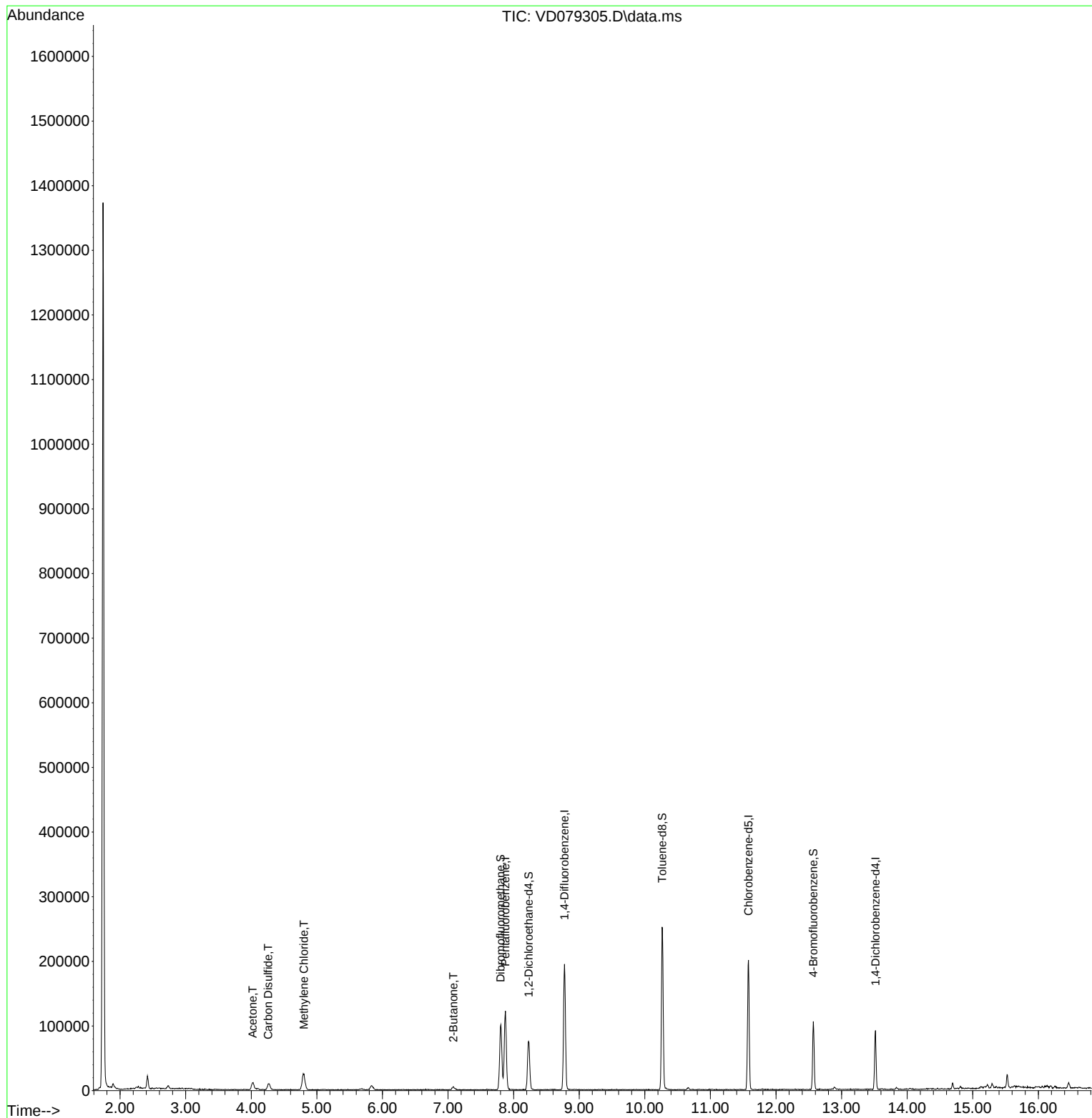
Internal Standards						
1) Pentafluorobenzene	7.875	168	87510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	172436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	120774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	23828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62399	74.958	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 149.920%			
35) Dibromofluoromethane	7.799	113	75900	67.057	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 134.120%			
50) Toluene-d8	10.263	98	184283	45.257	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.520%			
62) 4-Bromofluorobenzene	12.569	95	35634	27.291	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 54.580%			
Target Compounds						
16) Acetone	4.022	43	19633	94.528	ug/l	92
17) Carbon Disulfide	4.258	76	21144	5.232	ug/l	98
20) Methylene Chloride	4.805	84	18814	8.567	ug/l	92
25) 2-Butanone	7.081	43	5710	19.734	ug/l	94

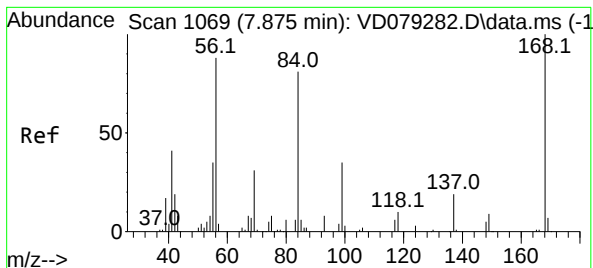
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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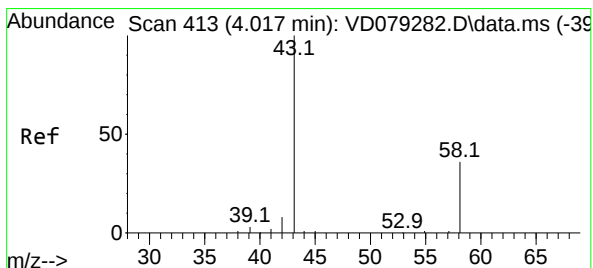
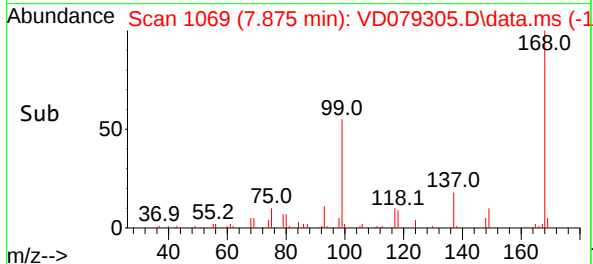
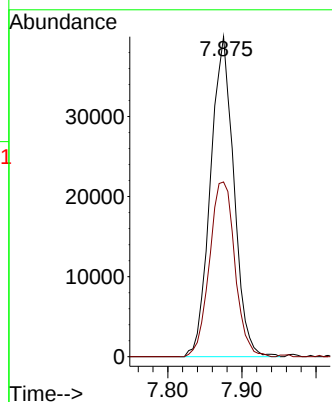
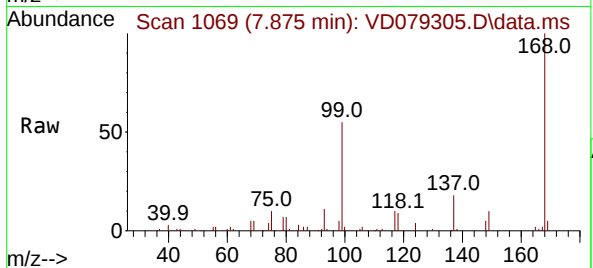




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

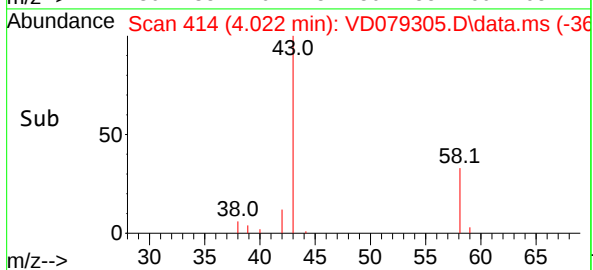
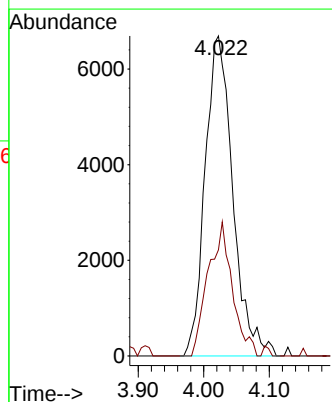
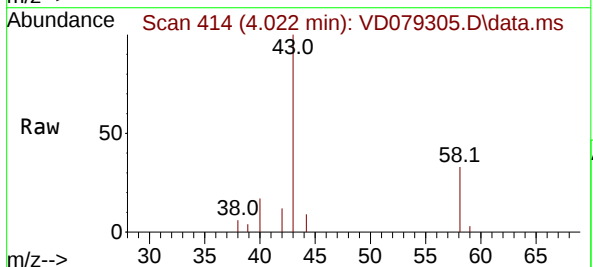
Instrument :
MSVOA_D
ClientSampleId :
B-140-SB02

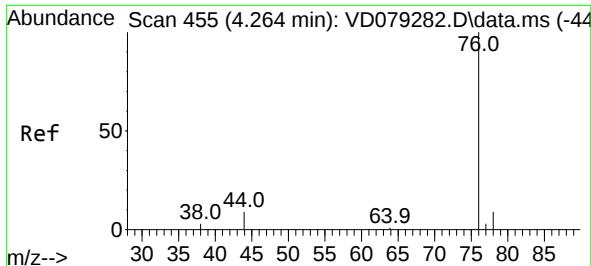
Tgt Ion:168 Resp: 87510
Ion Ratio Lower Upper
168 100
99 54.6 41.1 61.7



#16
Acetone
Concen: 94.528 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

Tgt Ion: 43 Resp: 19633
Ion Ratio Lower Upper
43 100
58 33.1 30.4 45.6





#17

Carbon Disulfide

Concen: 5.232 ug/l

RT: 4.258 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079305.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

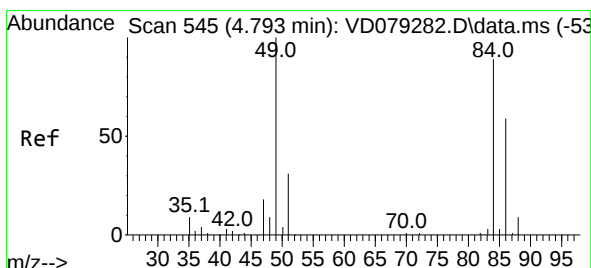
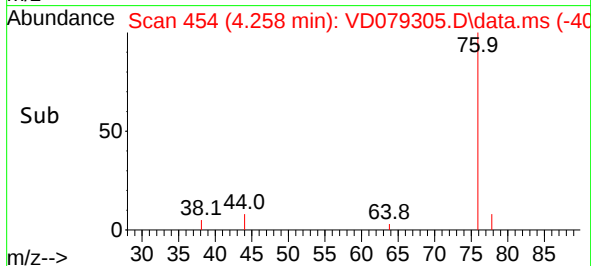
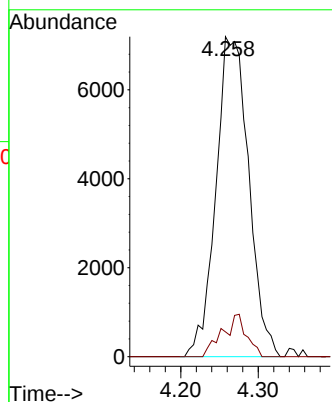
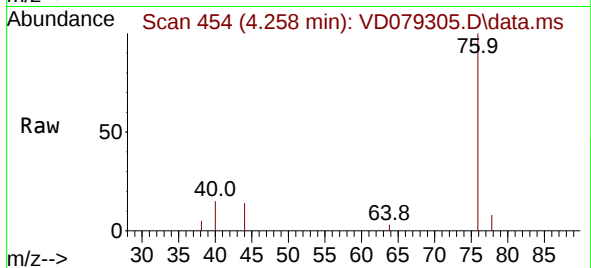
B-140-SB02

Tgt Ion: 76 Resp: 21144

Ion Ratio Lower Upper

76 100

78 7.7 6.9 10.3



#20

Methylene Chloride

Concen: 8.567 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.012 min

Lab File: VD079305.D

Acq: 01 Jul 2024 19:25

Tgt Ion: 84 Resp: 18814

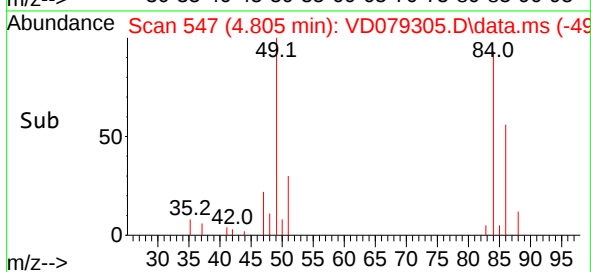
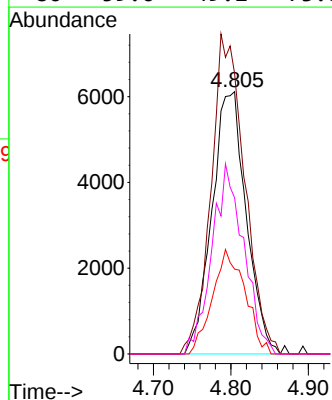
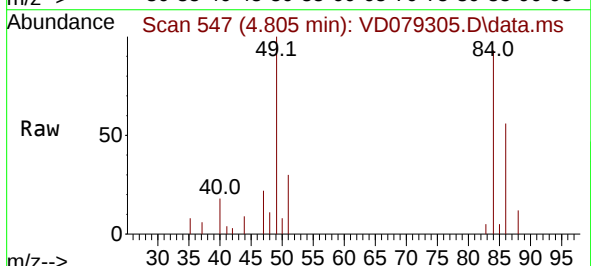
Ion Ratio Lower Upper

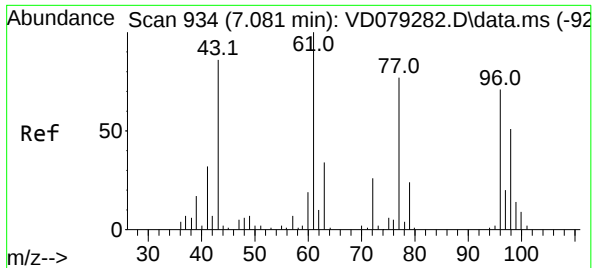
84 100

49 107.0 75.6 113.4

51 32.3 24.2 36.2

86 59.6 49.2 73.8

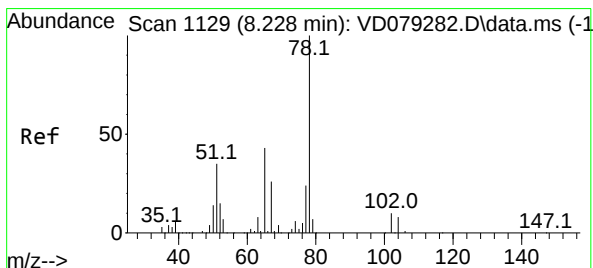
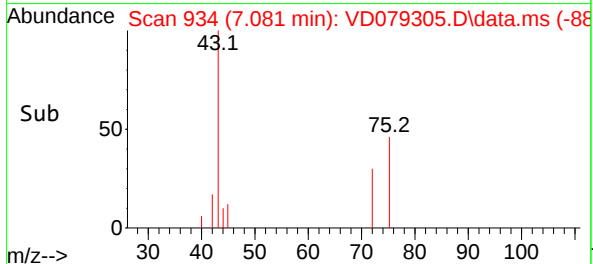
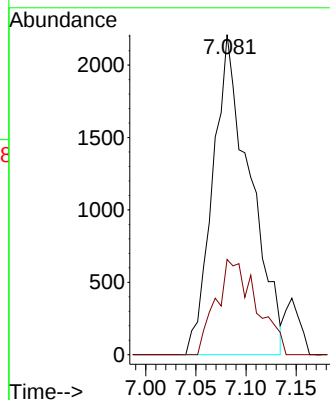
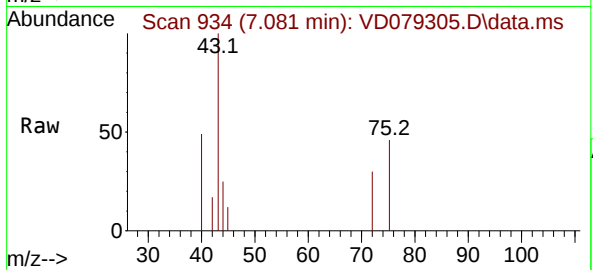




#25
2-Butanone
Concen: 19.734 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

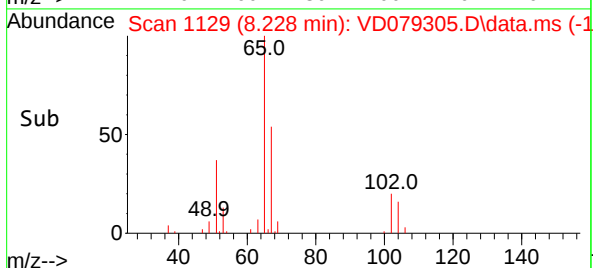
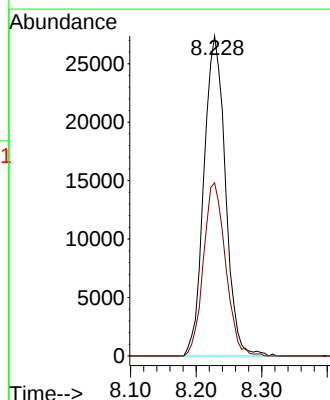
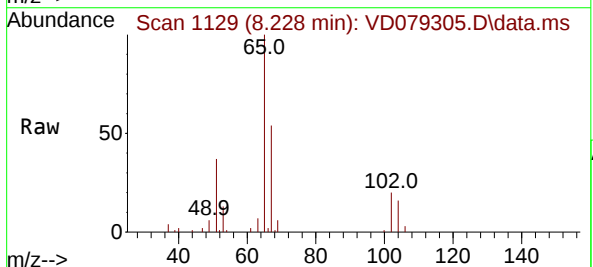
Instrument :
MSVOA_D
ClientSampleId :
B-140-SB02

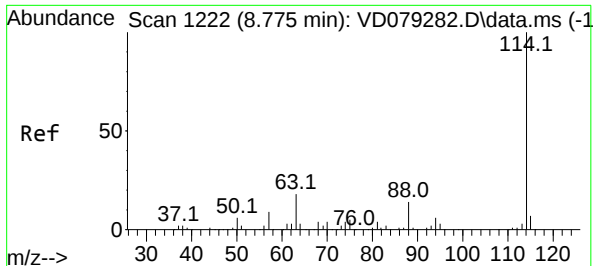
Tgt Ion: 43 Resp: 5710
Ion Ratio Lower Upper
43 100
72 29.8 26.4 39.6



#33
1,2-Dichloroethane-d4
Concen: 74.958 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

Tgt Ion: 65 Resp: 62399
Ion Ratio Lower Upper
65 100
67 55.7 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079305.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

B-140-SB02

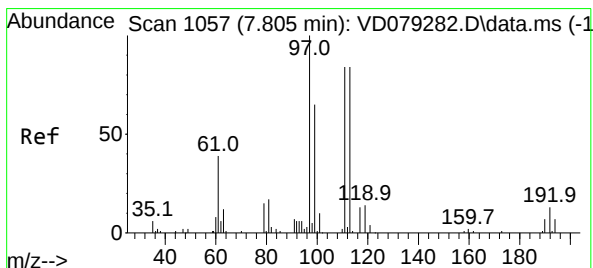
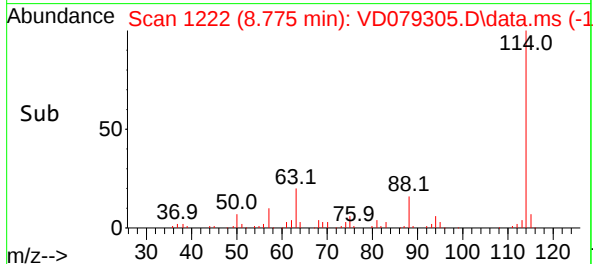
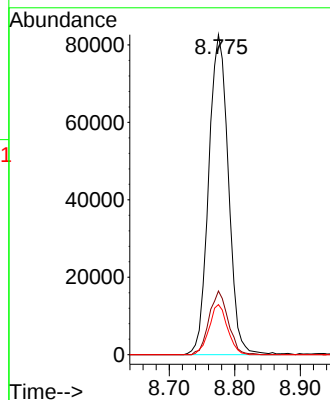
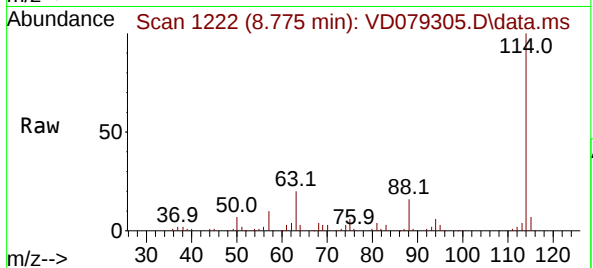
Tgt Ion:114 Resp: 172436

Ion Ratio Lower Upper

114 100

63 19.9 0.0 34.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 67.057 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079305.D

Acq: 01 Jul 2024 19:25

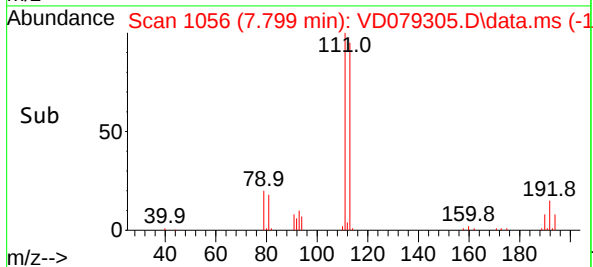
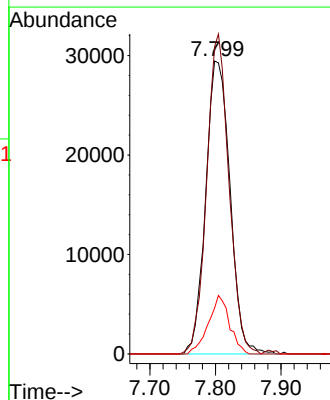
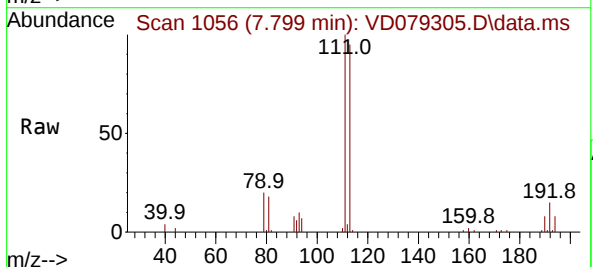
Tgt Ion:113 Resp: 75900

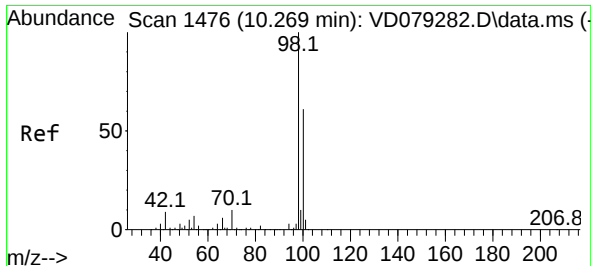
Ion Ratio Lower Upper

113 100

111 100.0 84.0 126.0

192 17.4 15.4 23.0

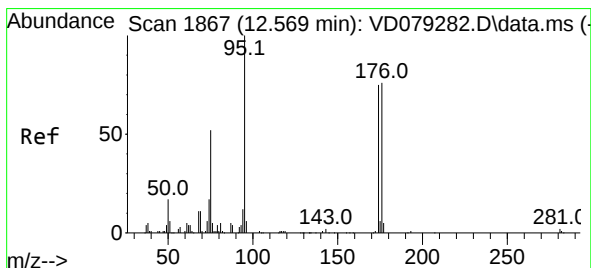
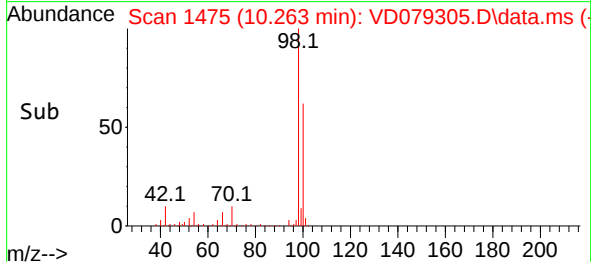
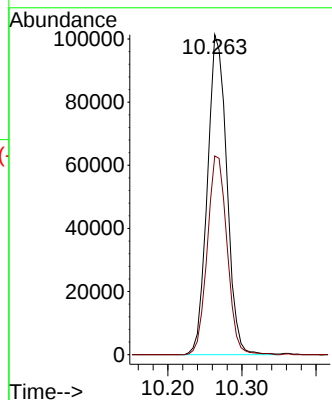
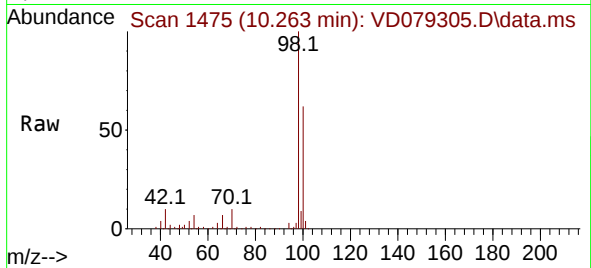




#50
Toluene-d8
Concen: 45.257 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

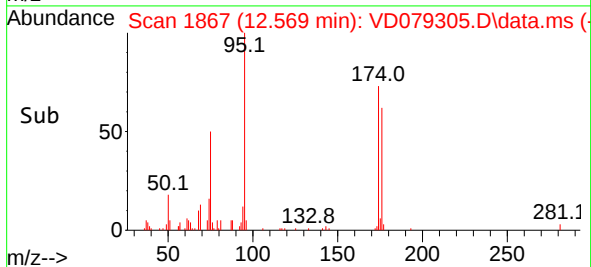
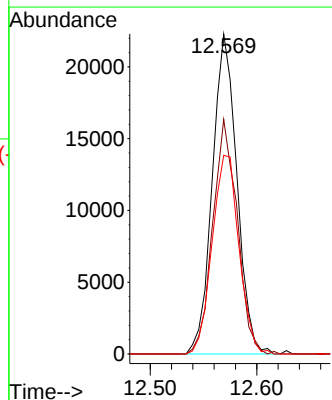
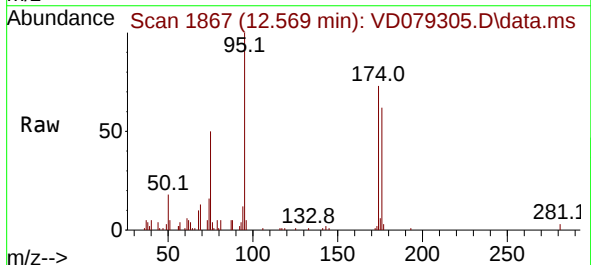
Instrument :
MSVOA_D
ClientSampleId :
B-140-SB02

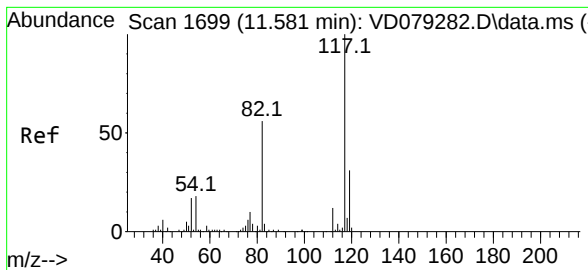
Tgt Ion: 98 Resp: 184283
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 27.291 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

Tgt Ion: 95 Resp: 35634
Ion Ratio Lower Upper
95 100
174 73.1 0.0 195.4
176 67.9 0.0 192.6

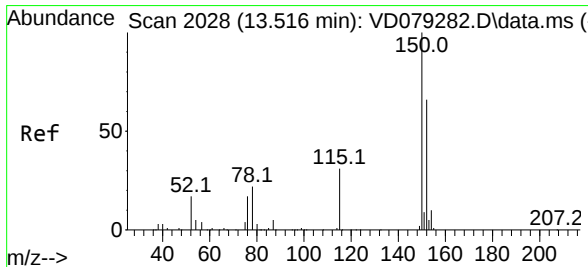
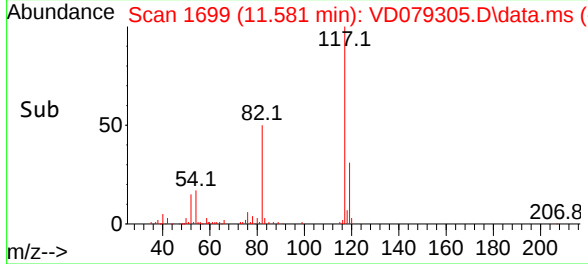
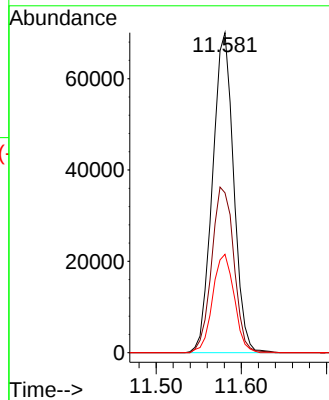
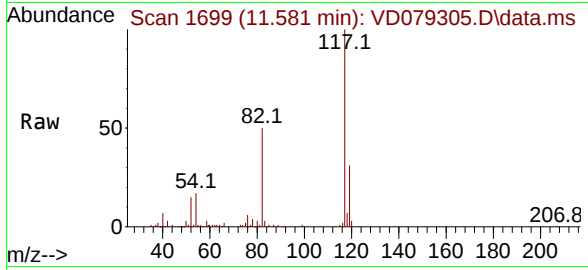




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

Instrument :
MSVOA_D
ClientSampleId :
B-140-SB02

Tgt Ion:	117	Resp:	120774
Ion	Ratio	Lower	Upper
117	100		
82	49.9	39.8	59.6
119	30.8	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079305.D
Acq: 01 Jul 2024 19:25

Tgt Ion:	152	Resp:	23828
Ion	Ratio	Lower	Upper
152	100		
115	58.3	26.5	79.5
150	147.3	0.0	341.6

