

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 :
 B-129-SB02

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)

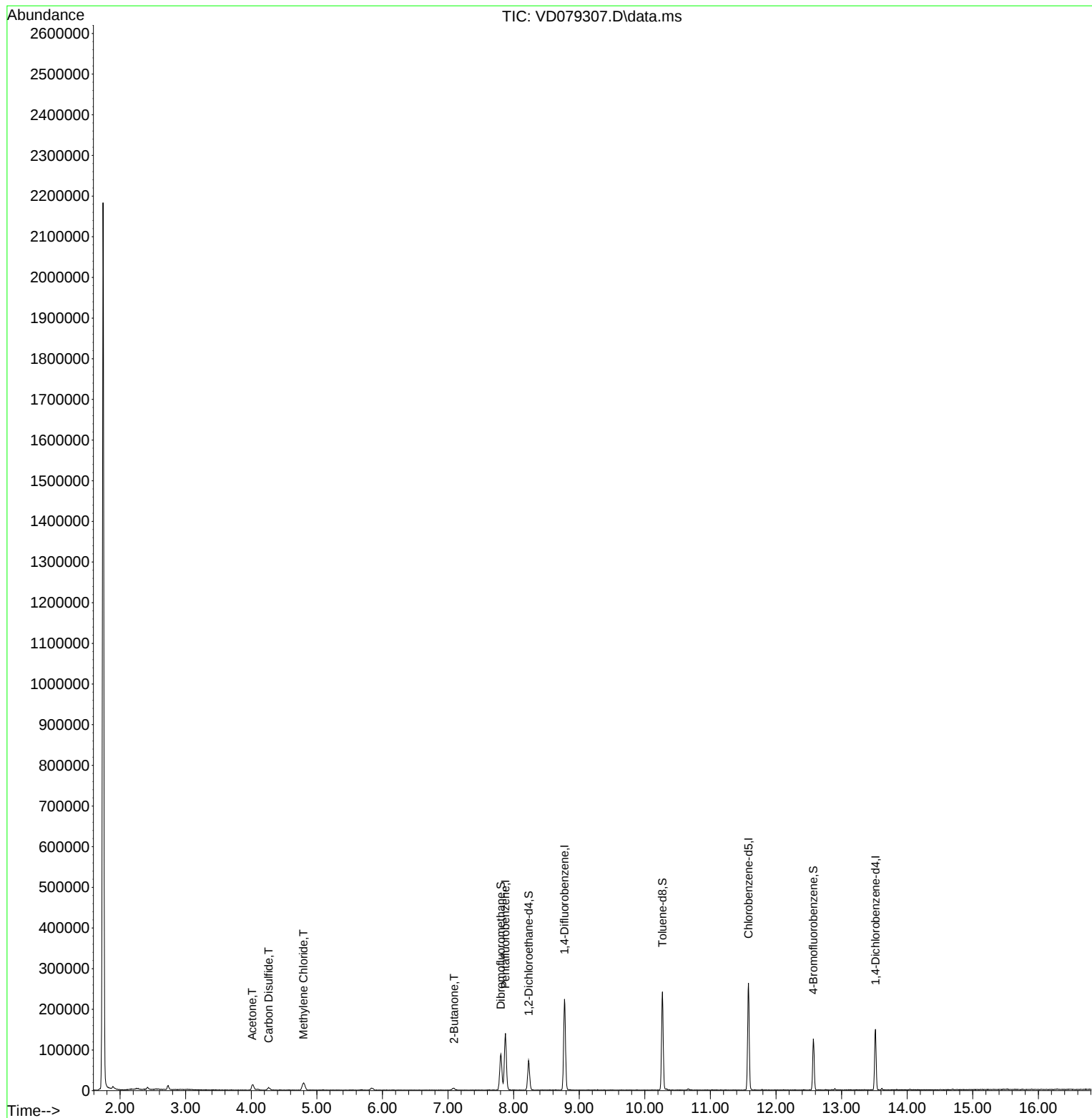
Internal Standards						
1) Pentafluorobenzene	7.875	168	94879	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	192922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	152349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	39529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
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

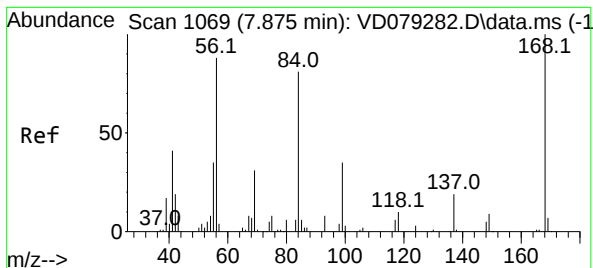
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

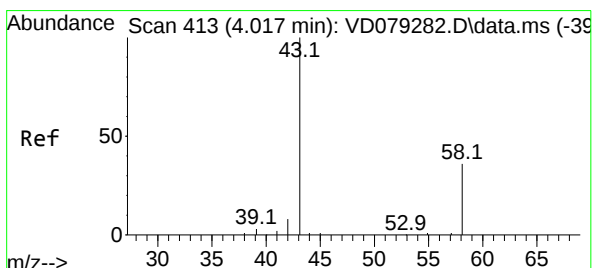
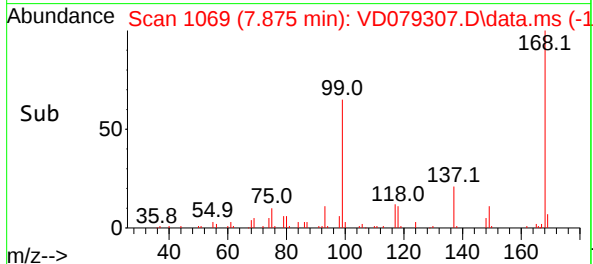
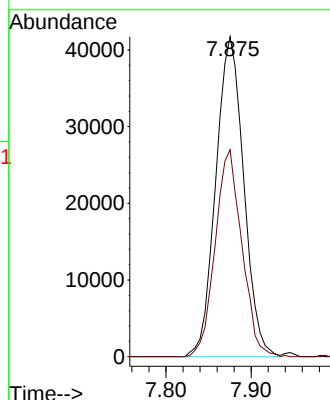
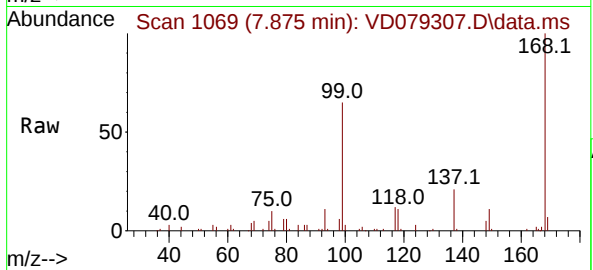




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

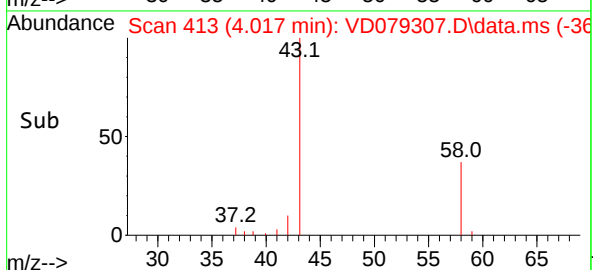
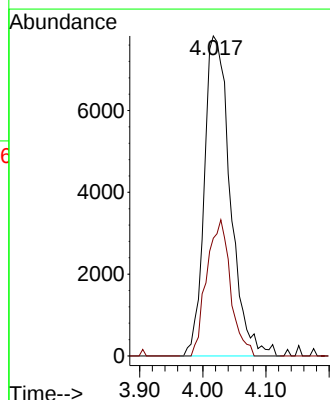
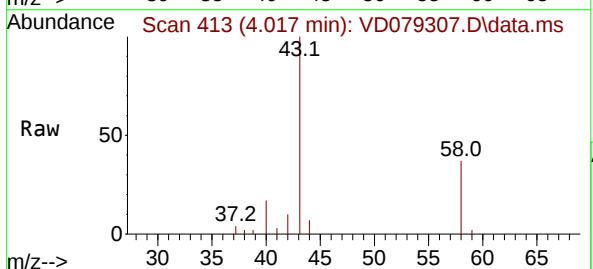
Instrument :
MSVOA_D
ClientSampleId :
B-129-SB02

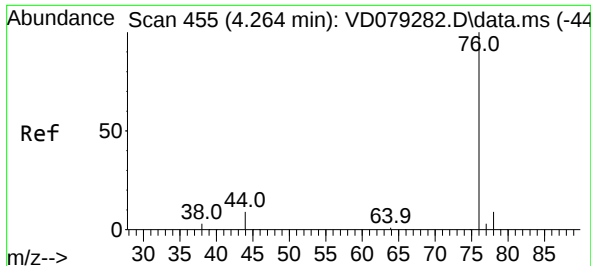
Tgt Ion:168 Resp: 94879
Ion Ratio Lower Upper
168 100
99 64.7 41.1 61.7#



#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

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

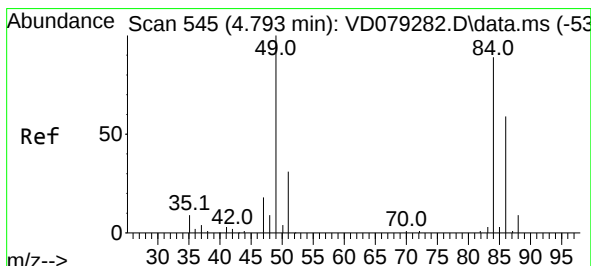
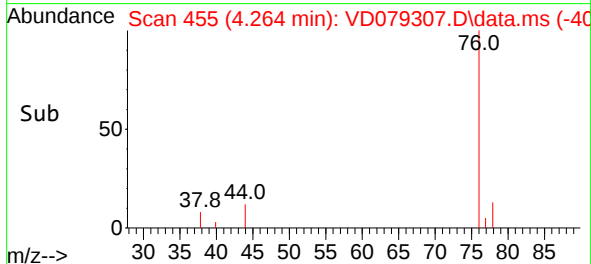
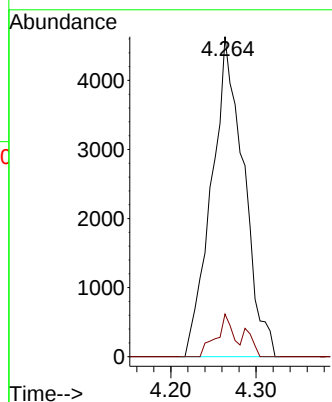
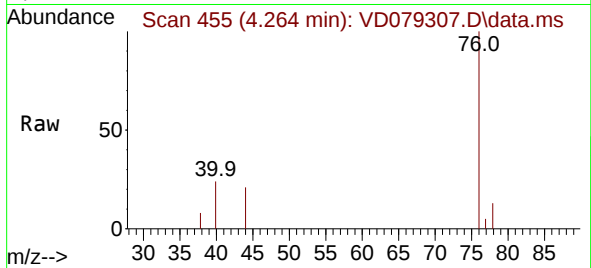




#17
Carbon Disulfide
Concen: 2.775 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

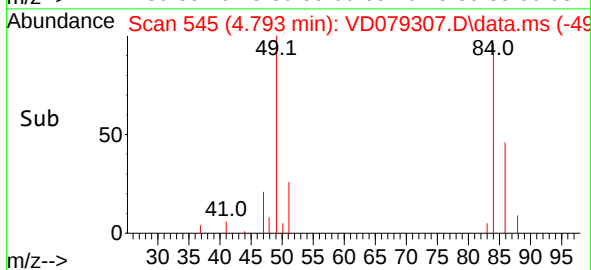
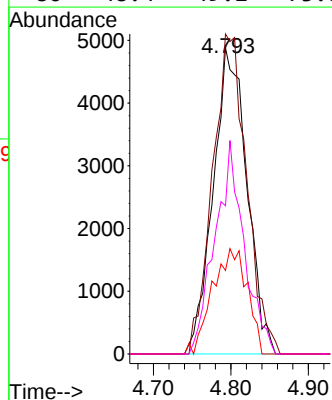
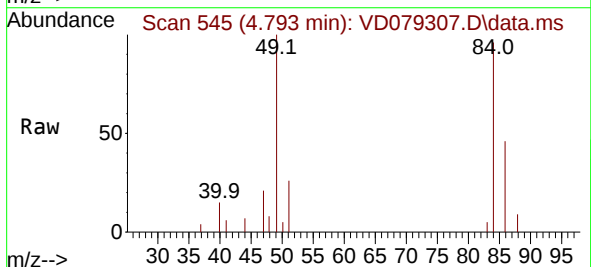
Instrument :
MSVOA_D
ClientSampleId :
B-129-SB02

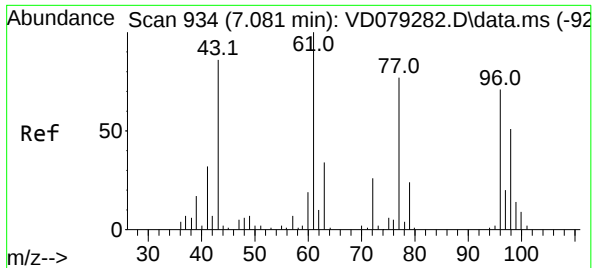
Tgt Ion: 76 Resp: 12160
Ion Ratio Lower Upper
76 100
78 13.3 6.9 10.3#



#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

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#

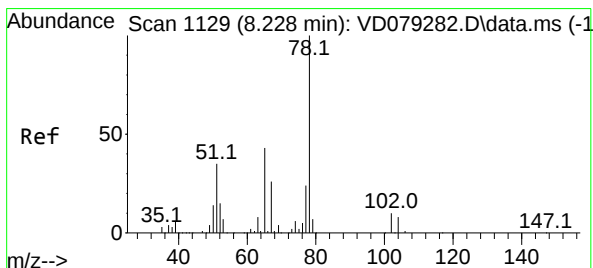
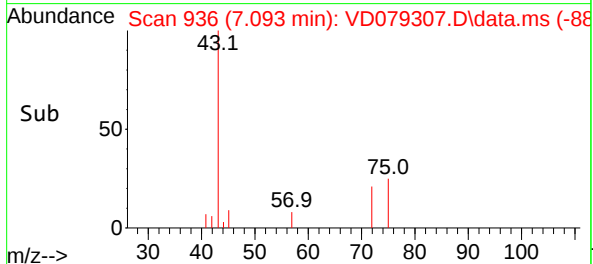
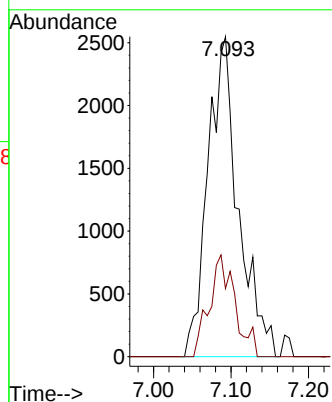
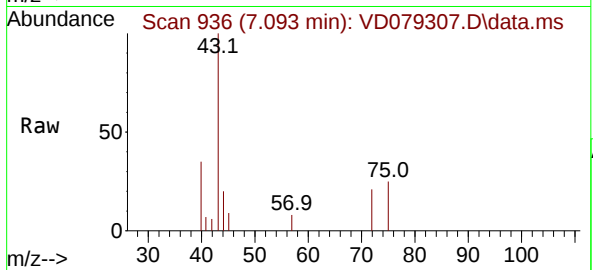




#25
2-Butanone
Concen: 22.173 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.018 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

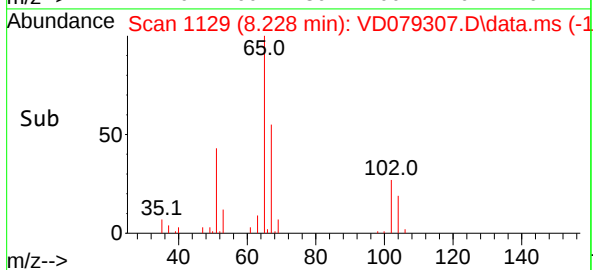
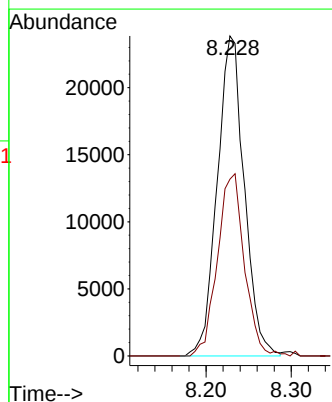
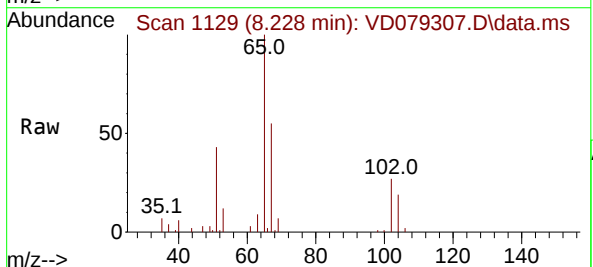
Instrument :
MSVOA_D
ClientSampleId :
B-129-SB02

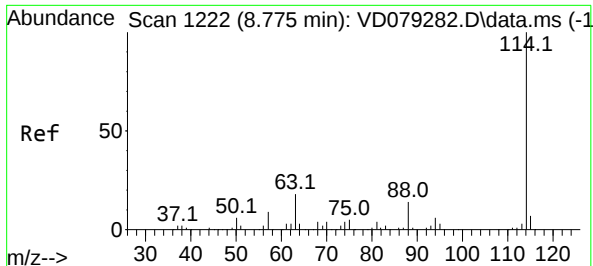
Tgt Ion: 43 Resp: 6956
Ion Ratio Lower Upper
43 100
72 21.3 26.4 39.6#



#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# 1

Delta R.T. -0.000 min

Lab File: VD079307.D

Acq: 01 Jul 2024 20:20

Instrument :

MSVOA_D

ClientSampleId :

B-129-SB02

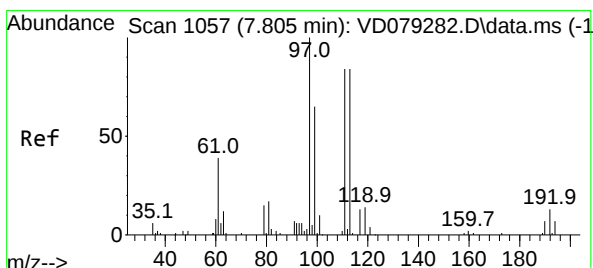
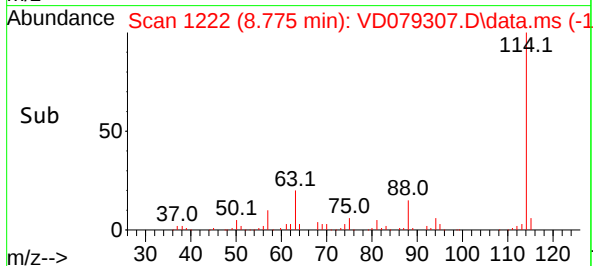
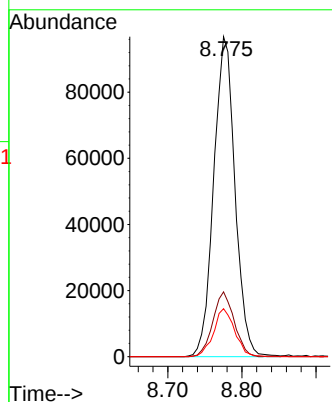
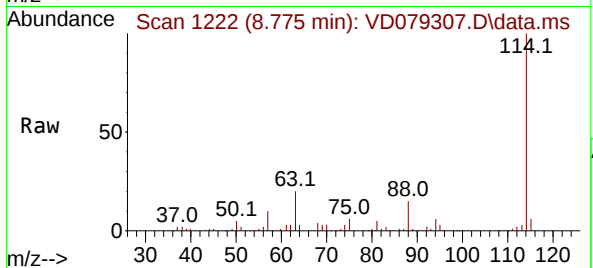
Tgt Ion:114 Resp: 192922

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

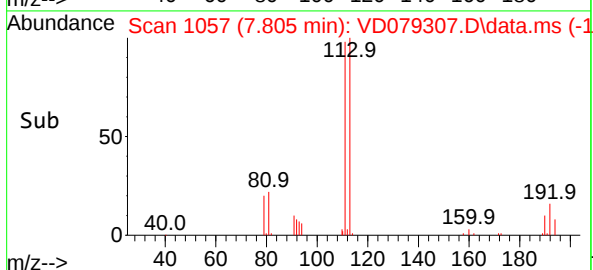
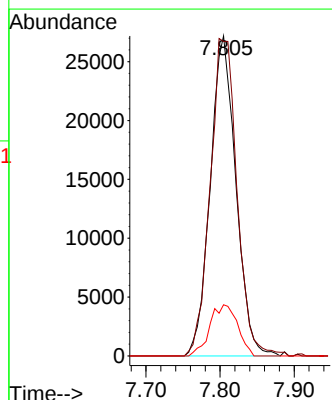
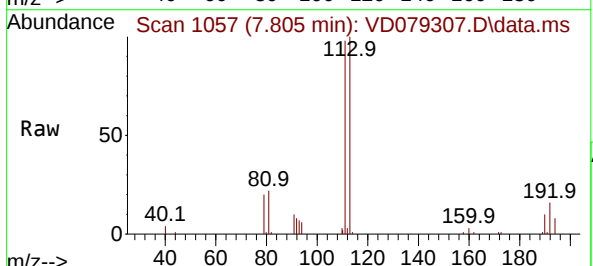
Tgt Ion:113 Resp: 65242

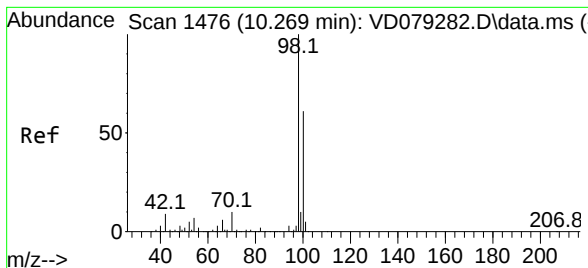
Ion Ratio Lower Upper

113 100

111 104.0 84.0 126.0

192 17.4 15.4 23.0

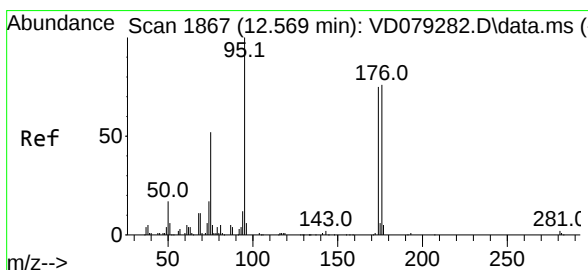
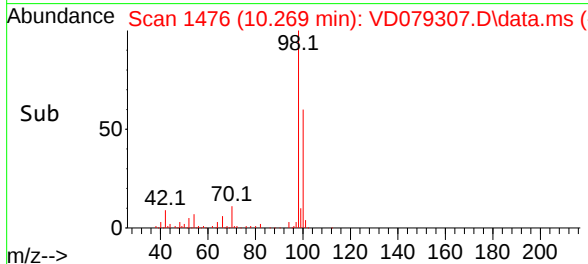
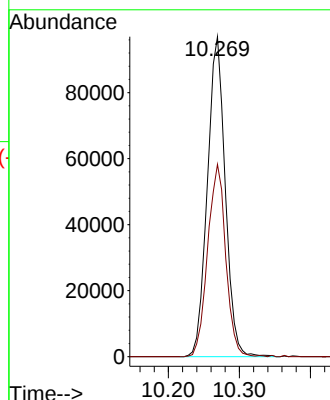
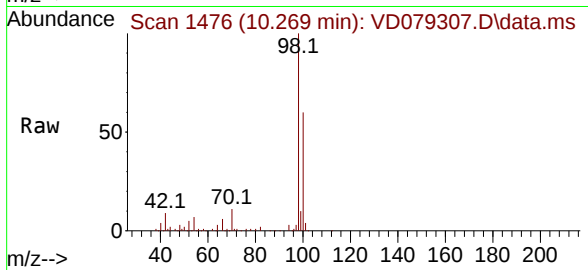




#50
Toluene-d8
Concen: 37.212 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

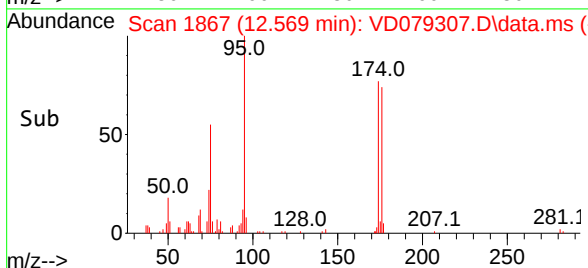
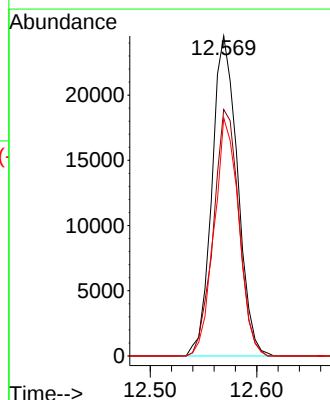
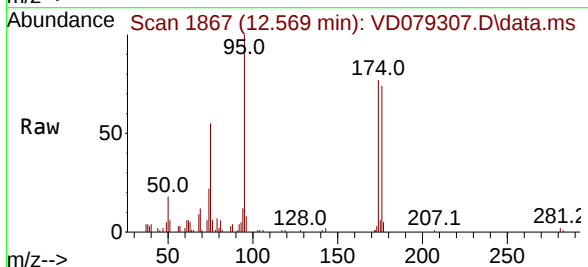
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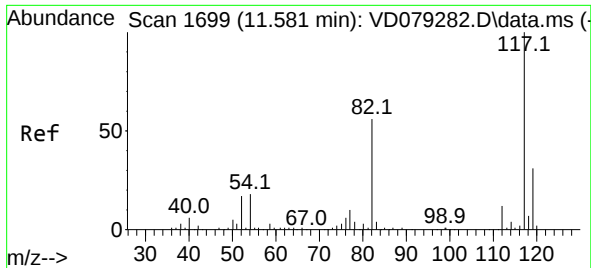
Tgt Ion: 98 Resp: 169524
Ion Ratio Lower Upper
98 100
100 60.8 51.6 77.4



#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

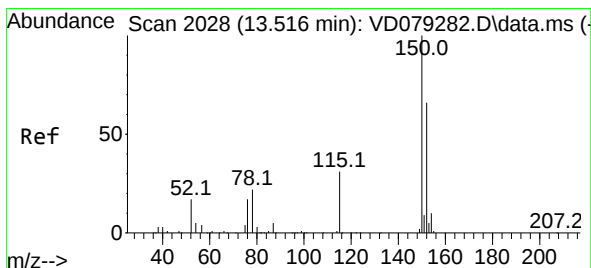
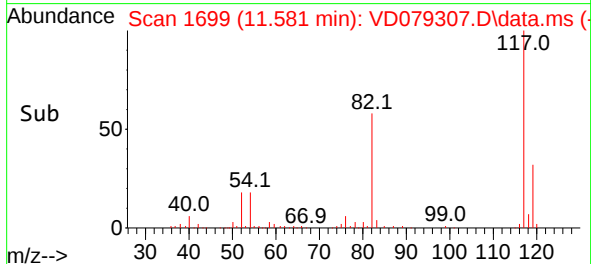
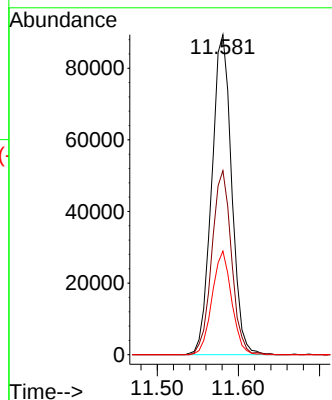
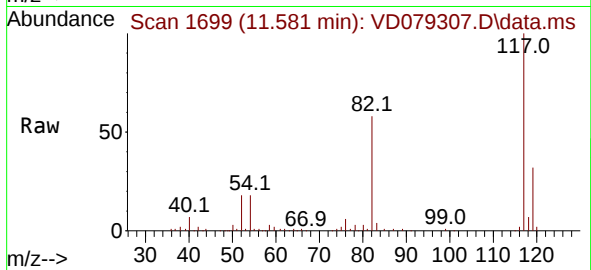




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

Instrument :
MSVOA_D
ClientSampleId :
B-129-SB02

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



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD079307.D
Acq: 01 Jul 2024 20:20

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

