

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076425.D
 Acq On : 14 Jun 2023 18:34
 Operator : KP/SY
 Sample : 03222-23
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-16-GRAB-6

Quant Time: Jun 15 05:35:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

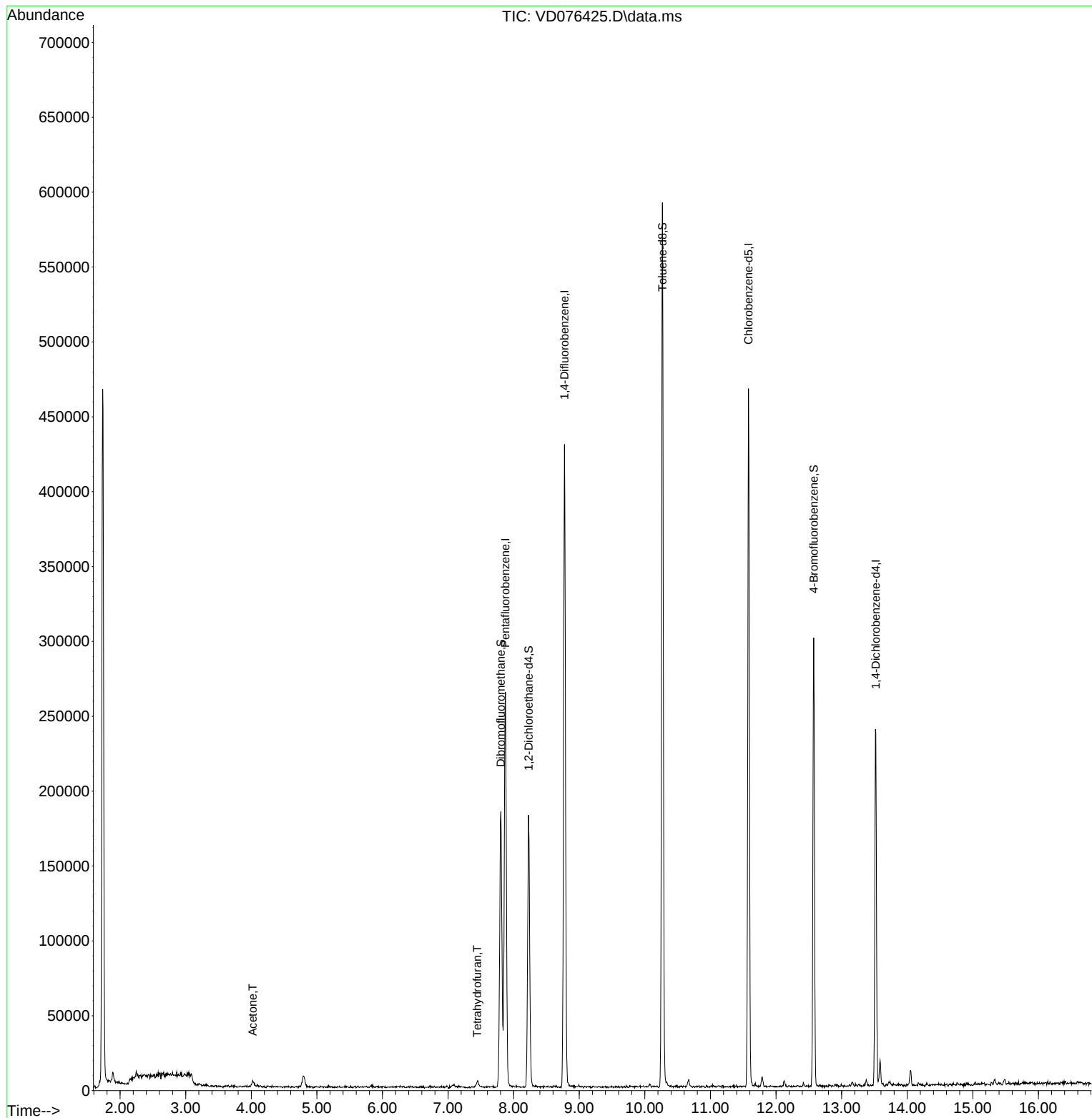
Internal Standards						
1) Pentafluorobenzene	7.875	168	206351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	373175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	256298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	129106	54.168	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.340%		
35) Dibromofluoromethane	7.804	113	129147	53.546	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 107.100%		
50) Toluene-d8	10.269	98	402299	44.015	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 88.040%		
62) 4-Bromofluorobenzene	12.575	95	89408	28.514	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 57.020%		
Target Compounds						
						Qvalue
16) Acetone	4.022	43	6601	12.598	ug/l #	84
29) Tetrahydrofuran	7.446	42	3558	6.805	ug/l #	69

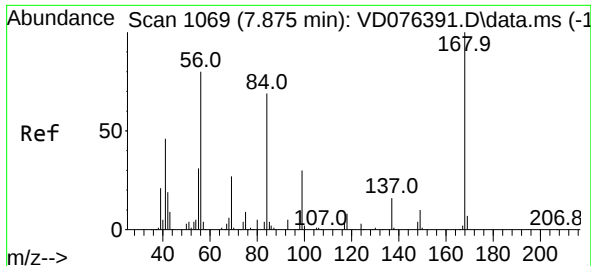
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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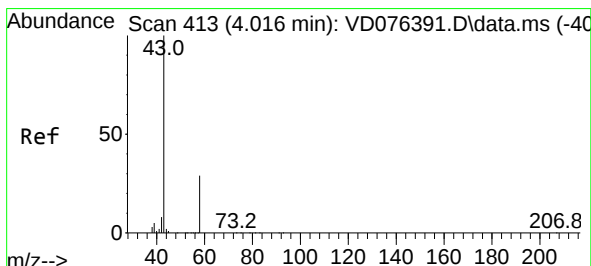
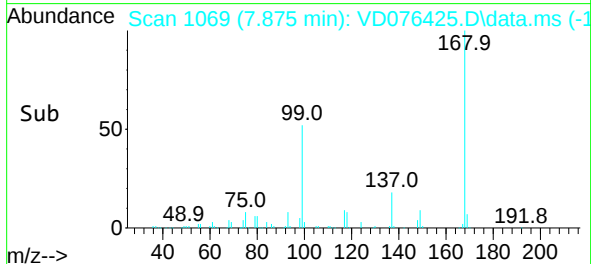
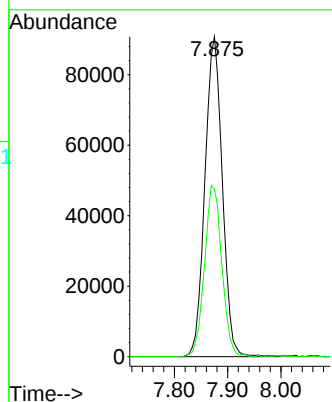
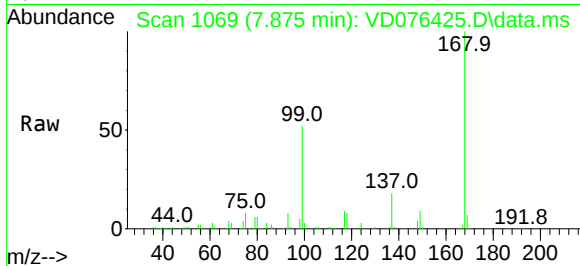




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076425.D
Acq: 14 Jun 2023 18:34

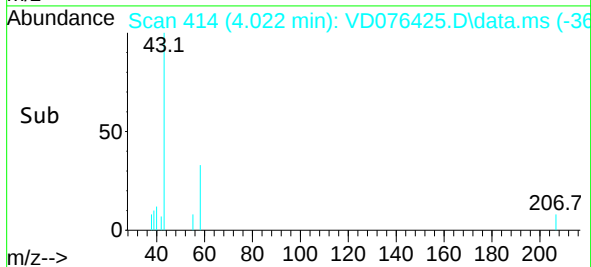
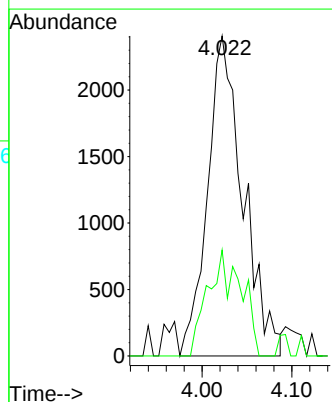
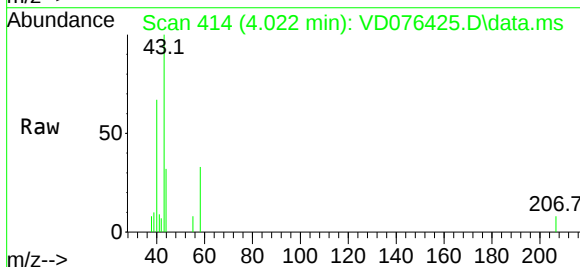
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-16-GRAB-6

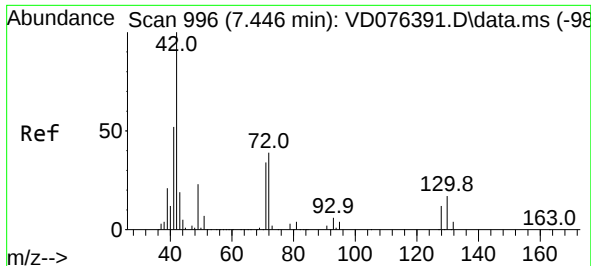
Tgt Ion:168 Resp: 206351
Ion Ratio Lower Upper
168 100
99 52.2 36.7 55.1



#16
Acetone
Concen: 12.598 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076425.D
Acq: 14 Jun 2023 18:34

Tgt Ion: 43 Resp: 6601
Ion Ratio Lower Upper
43 100
58 33.1 34.7 52.1#

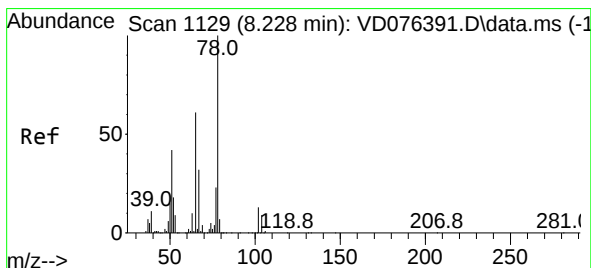
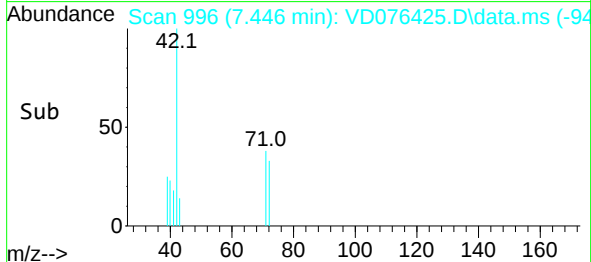
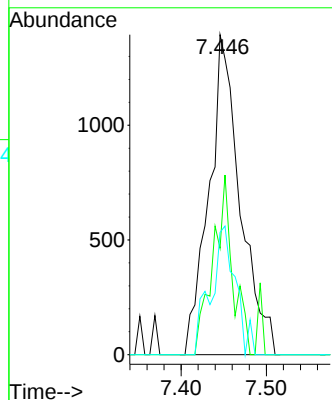
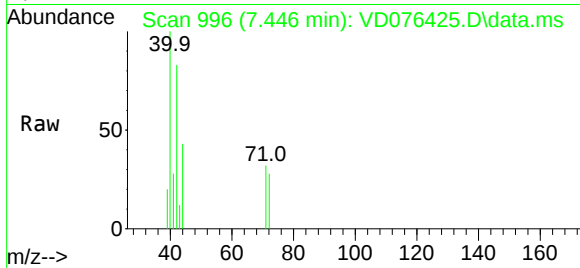




#29
Tetrahydrofuran
Concen: 6.805 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD076425.D
Acq: 14 Jun 2023 18:34

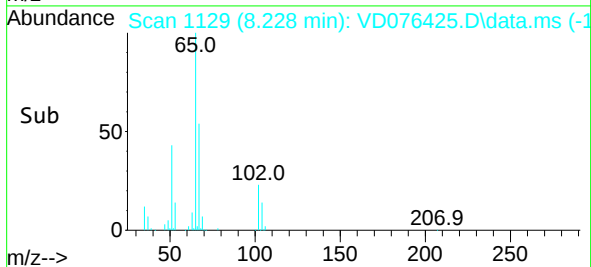
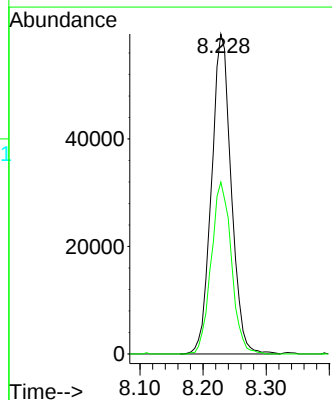
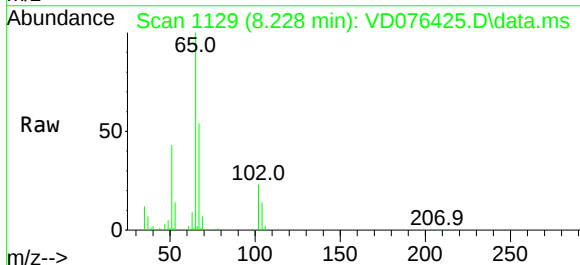
Instrument :
MSVOA_D
ClientSampleId :
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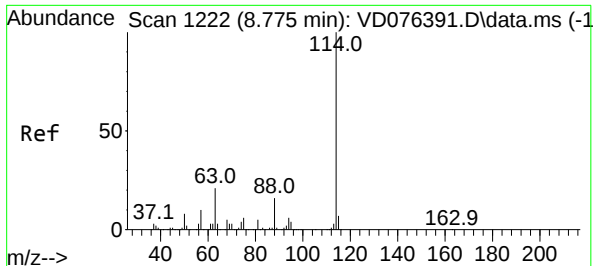
Tgt Ion: 42 Resp: 3558
Ion Ratio Lower Upper
42 100
72 35.6 46.5 69.7#
71 31.9 44.5 66.7#



#33
1,2-Dichloroethane-d4
Concen: 54.168 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076425.D
Acq: 14 Jun 2023 18:34

Tgt Ion: 65 Resp: 129106
Ion Ratio Lower Upper
65 100
67 55.0 0.0 115.0

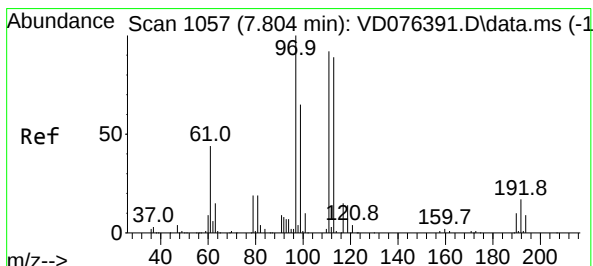
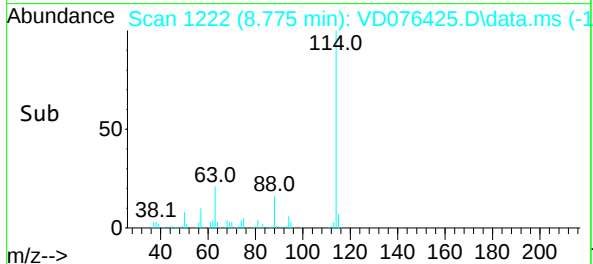
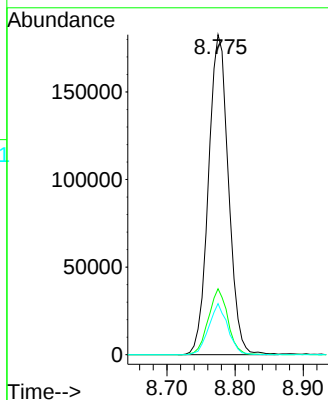
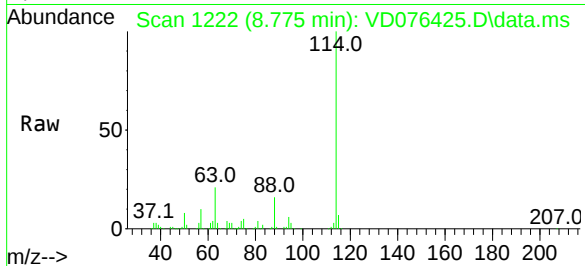




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076425.D
Acq: 14 Jun 2023 18:34

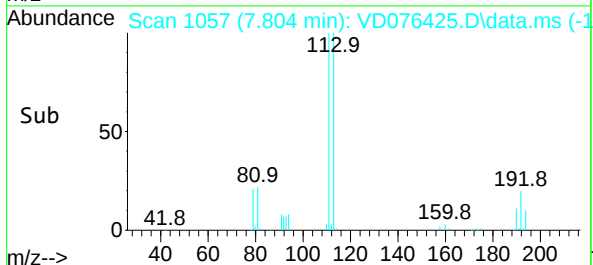
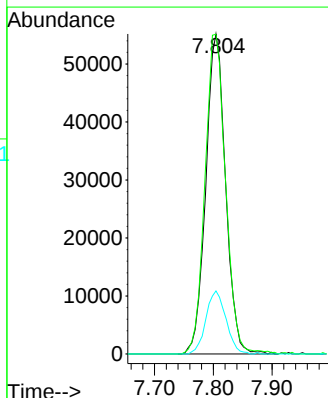
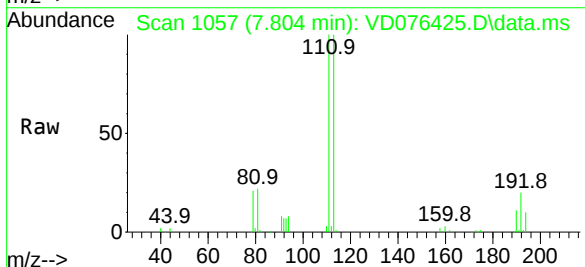
Instrument :
MSVOA_D
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TOTAL-VOC-SB-16-GRAB-6

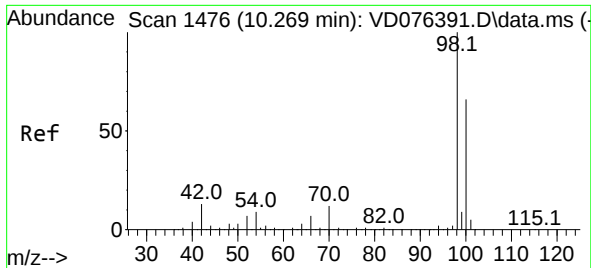
Tgt Ion:114 Resp: 373175
Ion Ratio Lower Upper
114 100
63 20.6 0.0 33.4
88 16.0 0.0 26.2



#35
Dibromofluoromethane
Concen: 53.546 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076425.D
Acq: 14 Jun 2023 18:34

Tgt Ion:113 Resp: 129147
Ion Ratio Lower Upper
113 100
111 103.9 84.7 127.1
192 19.9 16.8 25.2

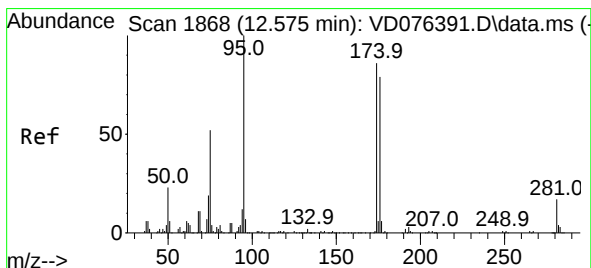
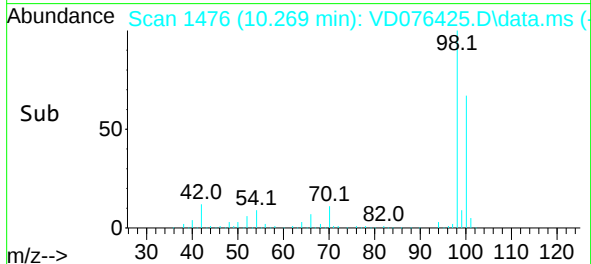
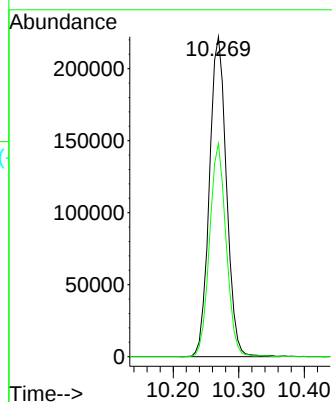
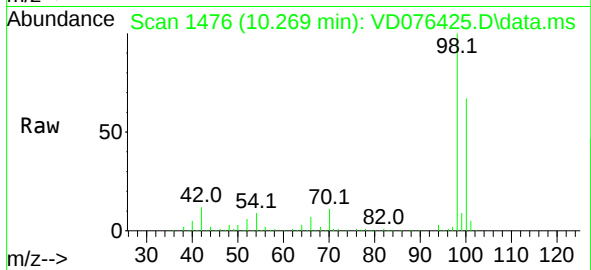




#50
Toluene-d8
Concen: 44.015 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076425.D
Acq: 14 Jun 2023 18:34

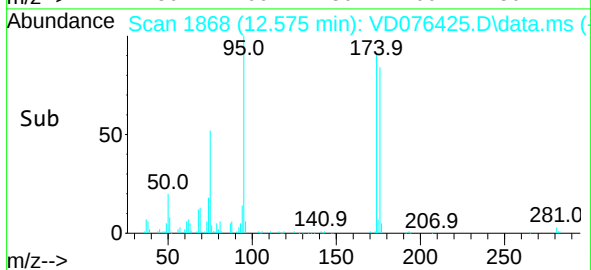
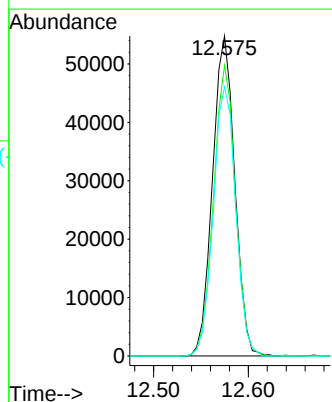
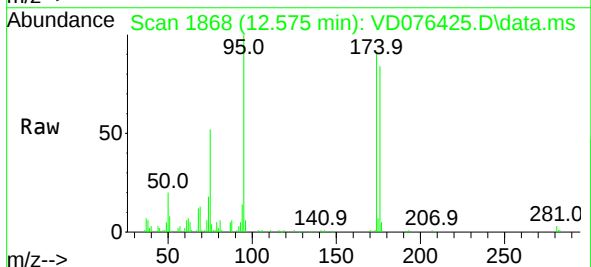
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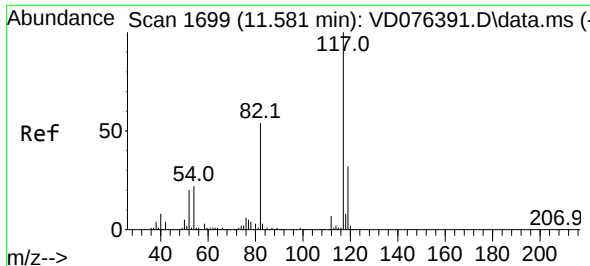
Tgt Ion: 98 Resp: 402299
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 28.514 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076425.D
Acq: 14 Jun 2023 18:34

Tgt Ion: 95 Resp: 89408
Ion Ratio Lower Upper
95 100
174 89.5 0.0 201.8
176 84.9 0.0 191.8

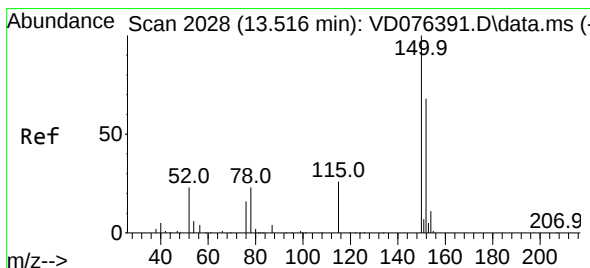
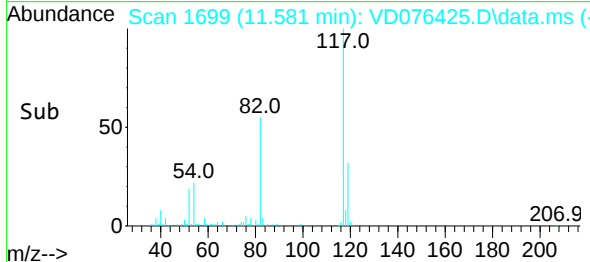
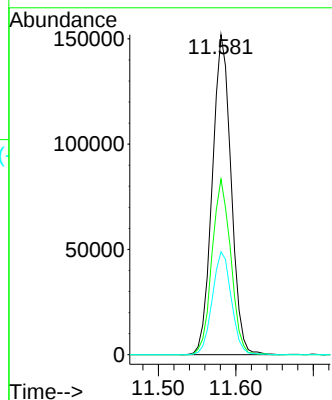
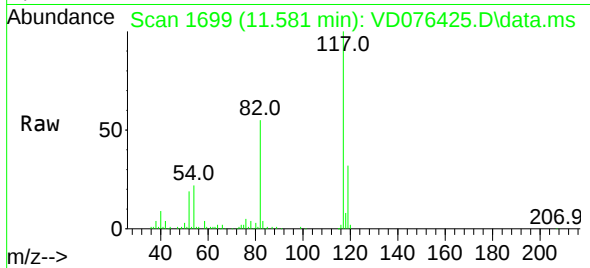




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076425.D
Acq: 14 Jun 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-16-GRAB-6

Tgt Ion:117 Resp: 256298
Ion Ratio Lower Upper
117 100
82 54.8 38.3 57.5
119 32.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076425.D
Acq: 14 Jun 2023 18:34

Tgt Ion:152 Resp: 64443
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 161.5 0.0 353.6

