

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078519.D
 Acq On : 22 Feb 2024 16:02
 Operator : RP/MD
 Sample : P1538-06
 Misc : 5.09G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06

Quant Time: Feb 23 01:05:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

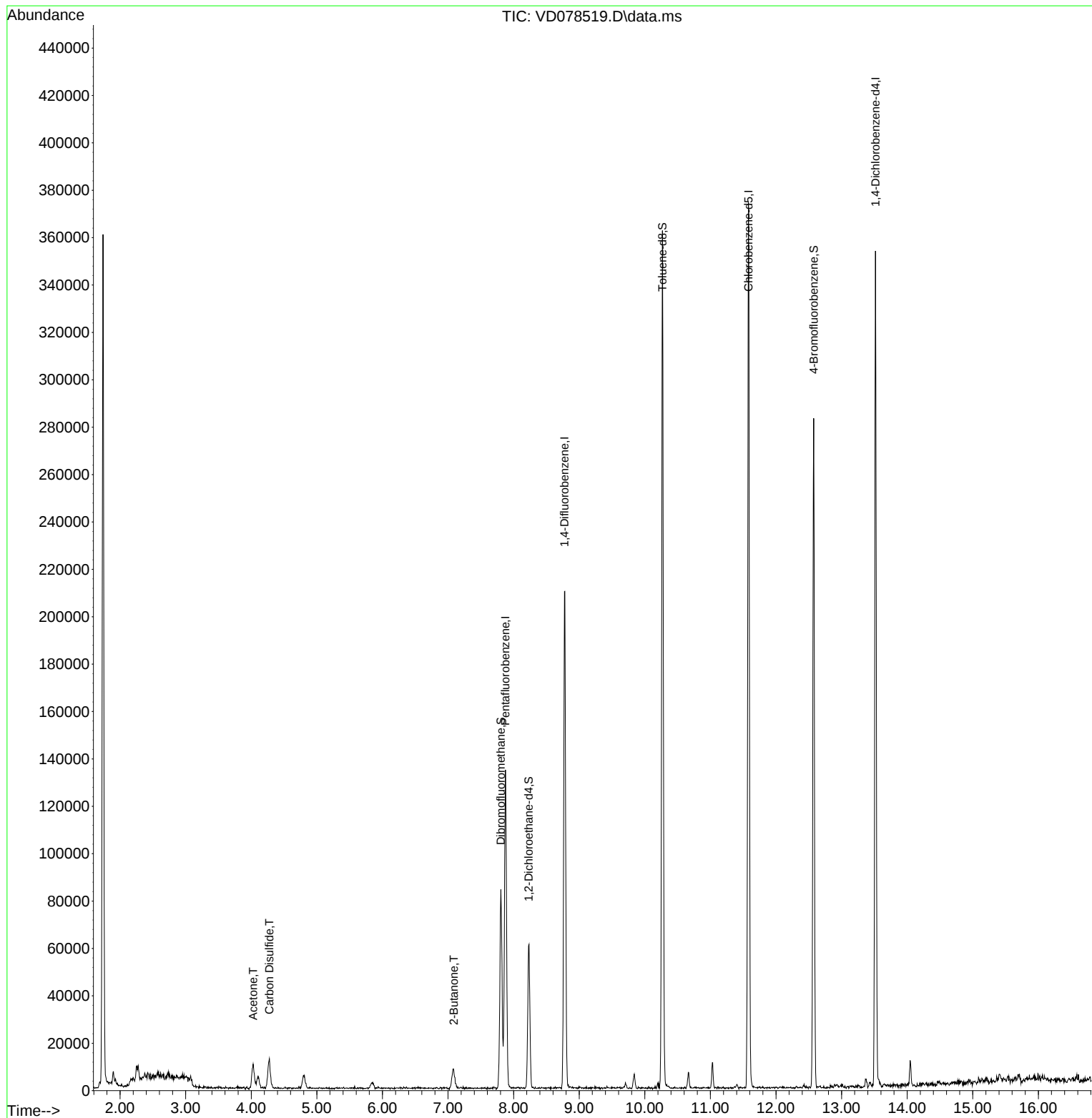
Internal Standards						
1) Pentafluorobenzene	7.875	168	100723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	192978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	227399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45704	41.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.940%
35) Dibromofluoromethane	7.805	113	60964	49.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.460%
50) Toluene-d8	10.269	98	245943	50.155	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.575	95	84627	59.305	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	118.600%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	17179	62.808	ug/l #	76
17) Carbon Disulfide	4.275	76	24707	6.687	ug/l	98
25) 2-Butanone	7.087	43	5870	5.948	ug/l #	84

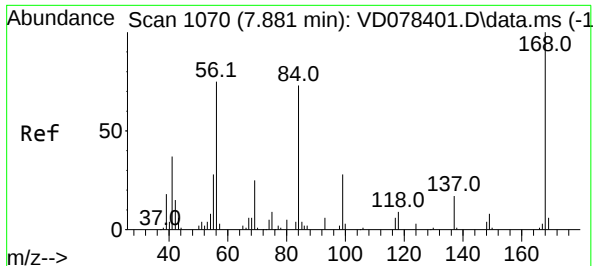
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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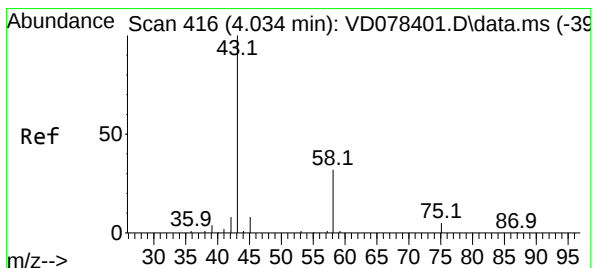
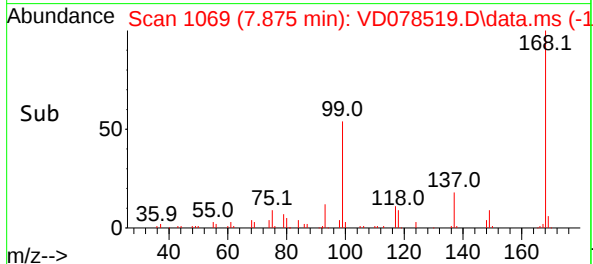
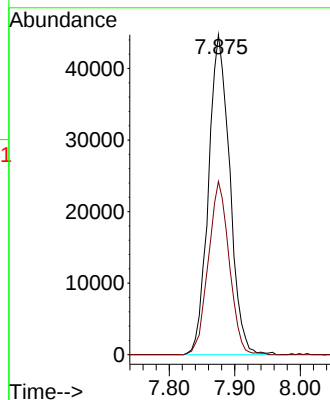
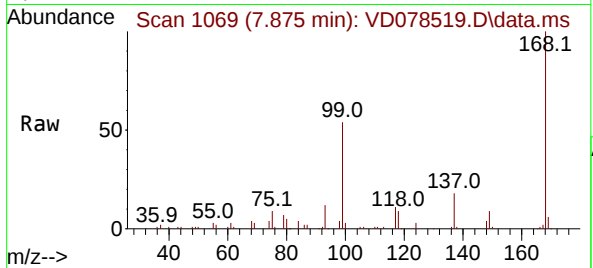




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078519.D
Acq: 22 Feb 2024 16:02

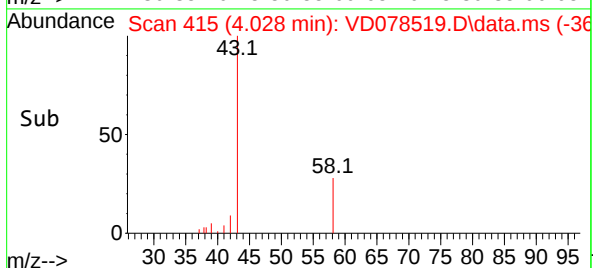
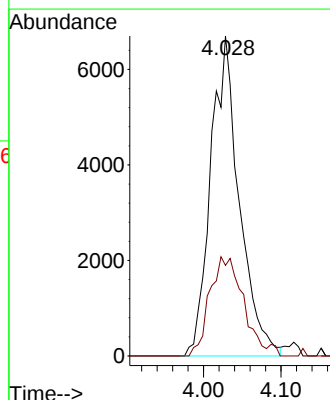
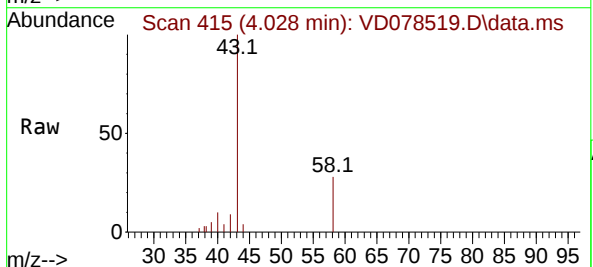
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06

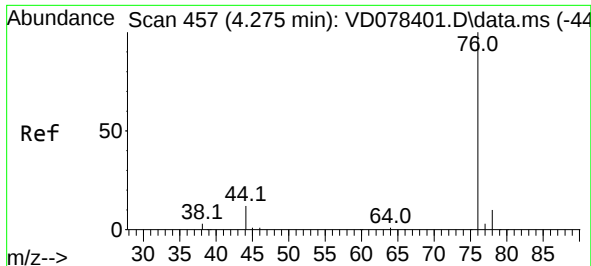
Tgt Ion:168 Resp: 100723
Ion Ratio Lower Upper
168 100
99 54.2 36.7 55.1



#16
Acetone
Concen: 62.808 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078519.D
Acq: 22 Feb 2024 16:02

Tgt Ion: 43 Resp: 17179
Ion Ratio Lower Upper
43 100
58 28.3 34.7 52.1#

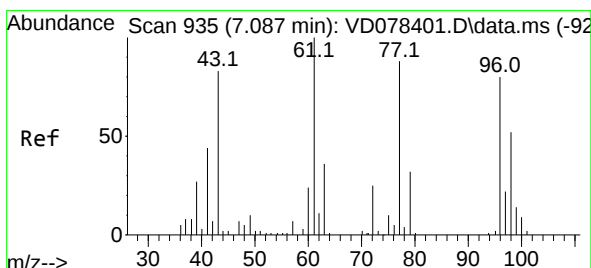
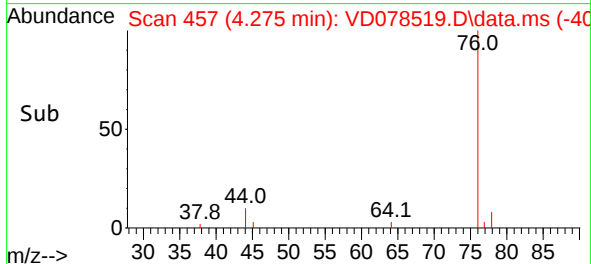
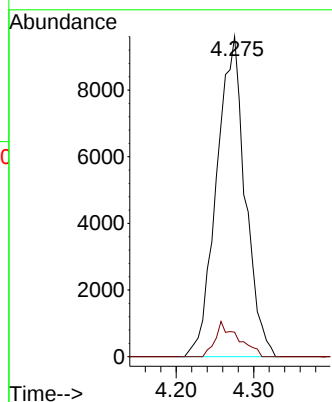
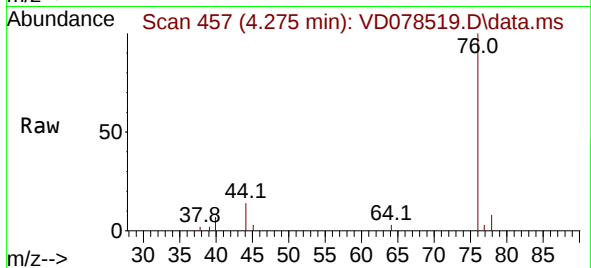




#17
Carbon Disulfide
Concen: 6.687 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078519.D
Acq: 22 Feb 2024 16:02

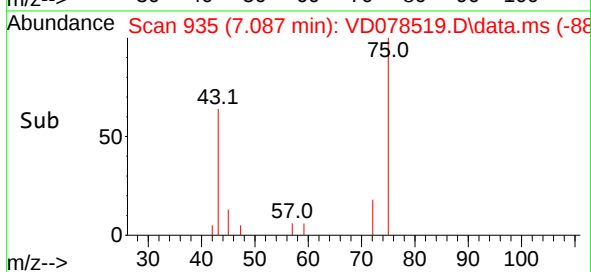
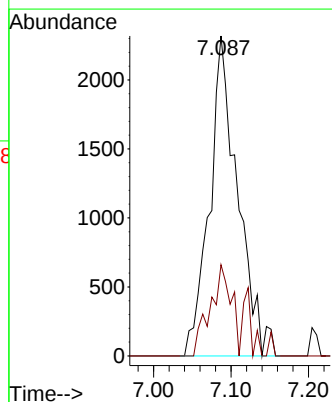
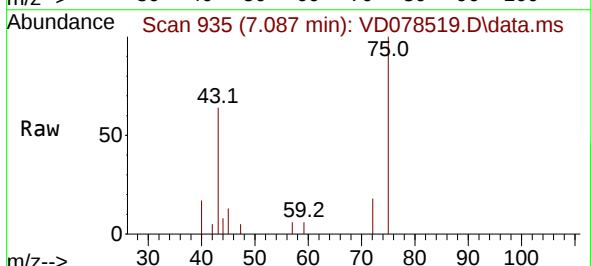
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06

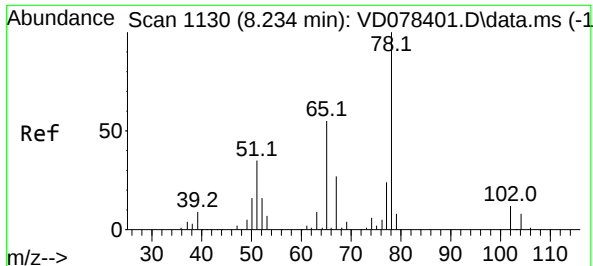
Tgt Ion: 76 Resp: 24707
Ion Ratio Lower Upper
76 100
78 7.7 6.8 10.2



#25
2-Butanone
Concen: 5.948 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD078519.D
Acq: 22 Feb 2024 16:02

Tgt Ion: 43 Resp: 5870
Ion Ratio Lower Upper
43 100
72 28.5 30.7 46.1#





#33

1,2-Dichloroethane-d4

Concen: 41.966 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078519.D

Acq: 22 Feb 2024 16:02

Instrument :

MSVOA_D

ClientSampleId :

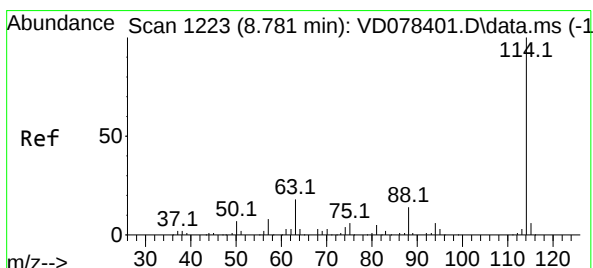
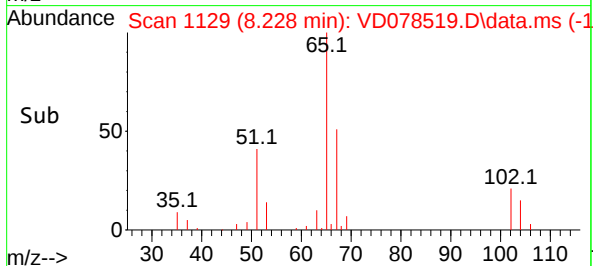
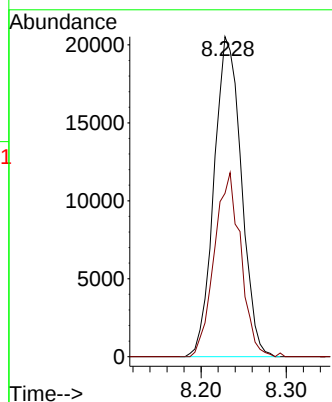
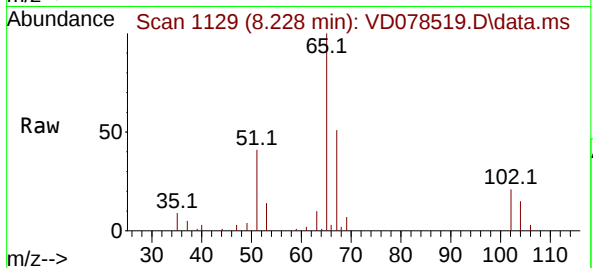
20241101-COMPOSITE-35N-N-4-06

Tgt Ion: 65 Resp: 45704

Ion Ratio Lower Upper

65 100

67 55.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078519.D

Acq: 22 Feb 2024 16:02

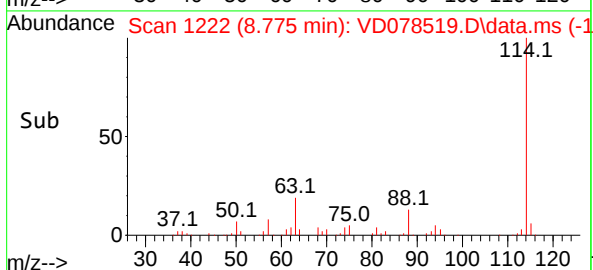
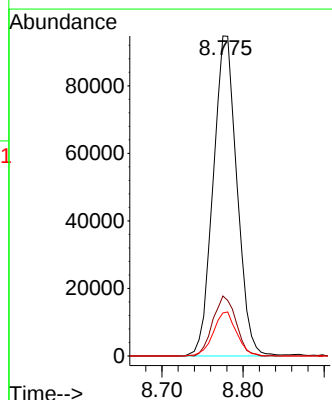
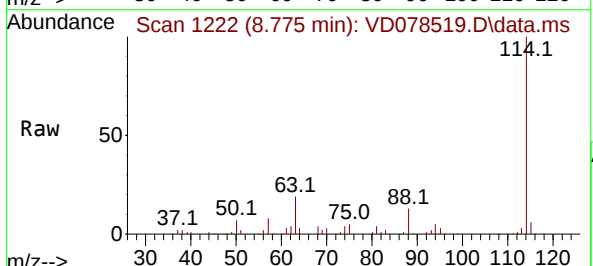
Tgt Ion: 114 Resp: 192978

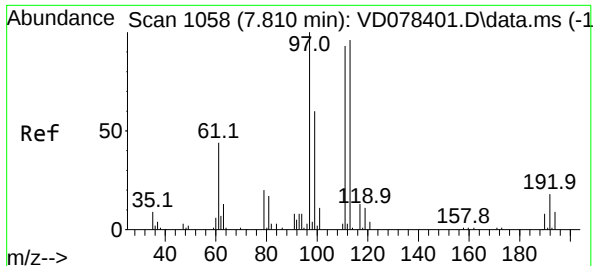
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 13.5 0.0 26.2

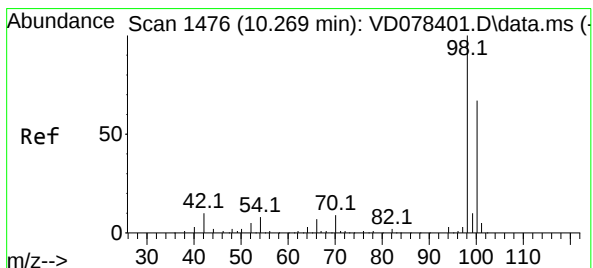
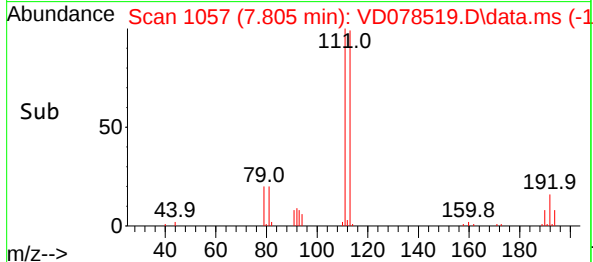
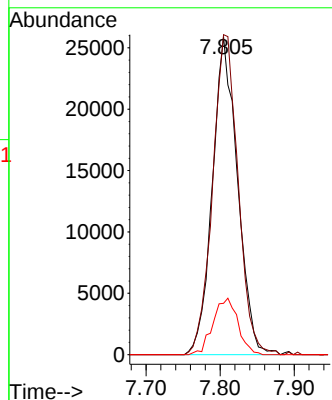
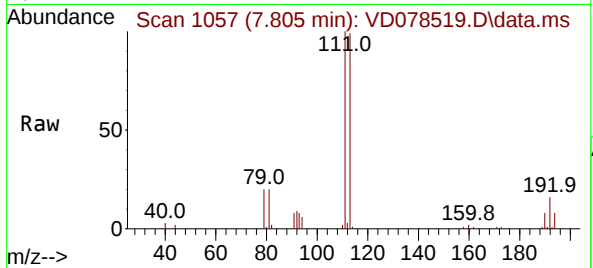




#35
 Dibromofluoromethane
 Concen: 49.733 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD078519.D
 Acq: 22 Feb 2024 16:02

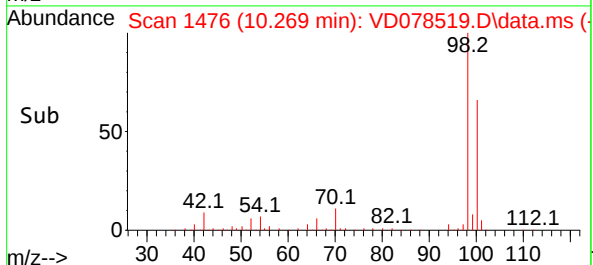
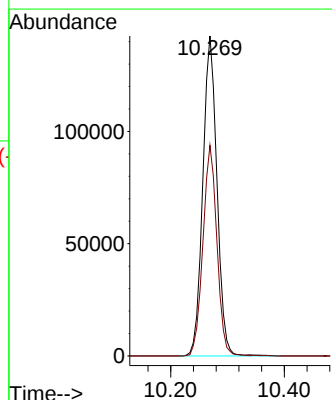
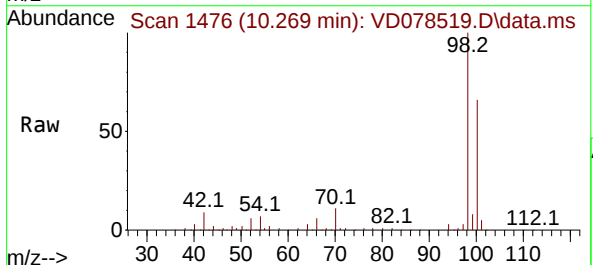
Instrument : MSVOA_D
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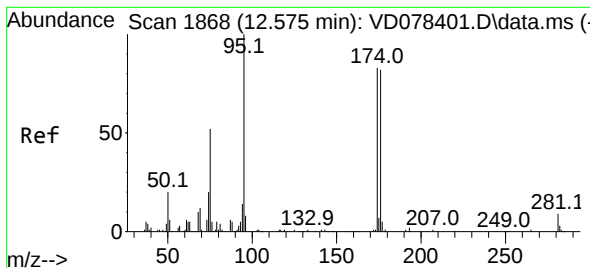
Tgt Ion:	113	Resp:	60964
Ion Ratio	Lower	Upper	
113	100		
111	102.2	84.7	127.1
192	17.7	16.8	25.2



#50
 Toluene-d8
 Concen: 50.155 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD078519.D
 Acq: 22 Feb 2024 16:02

Tgt Ion:	98	Resp:	245943
Ion Ratio	Lower	Upper	
98	100		
100	65.1	50.3	75.5

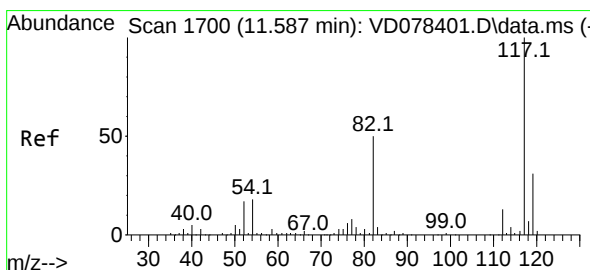
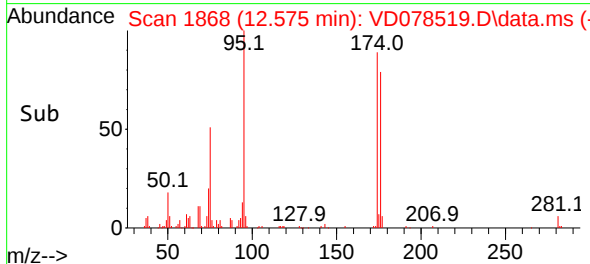
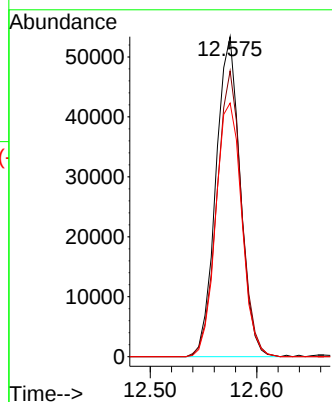
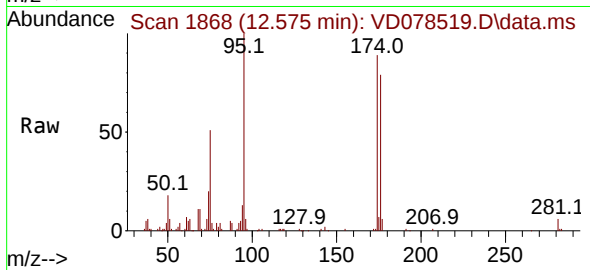




#62
4-Bromofluorobenzene
Concen: 59.305 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078519.D
Acq: 22 Feb 2024 16:02

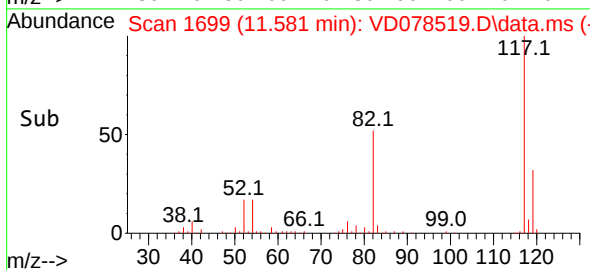
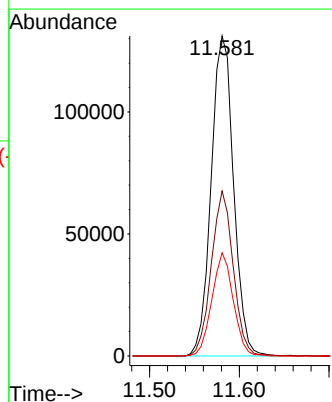
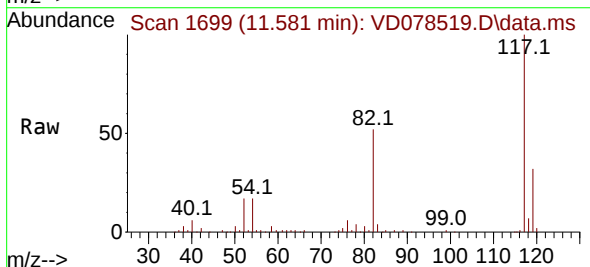
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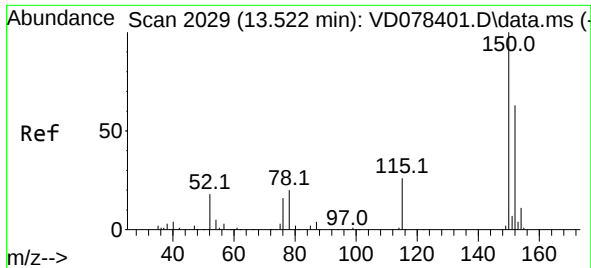
Tgt Ion: 95 Resp: 84627
Ion Ratio Lower Upper
95 100
174 90.7 0.0 201.8
176 84.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078519.D
Acq: 22 Feb 2024 16:02

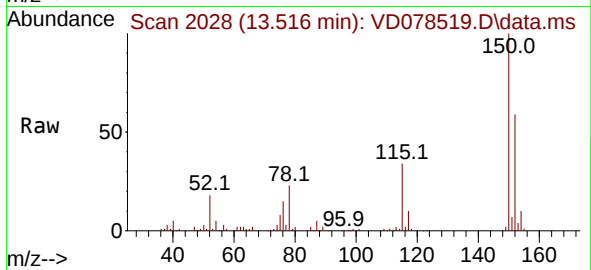
Tgt Ion: 117 Resp: 227399
Ion Ratio Lower Upper
117 100
82 51.6 38.3 57.5
119 32.3 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078519.D
 Acq: 22 Feb 2024 16:02

Instrument :
 MSVOA_D
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Tgt Ion:152 Resp: 91479
 Ion Ratio Lower Upper
 152 100
 115 56.2 27.1 81.3
 150 160.0 0.0 353.6

