

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078540.D
 Acq On : 23 Feb 2024 17:10
 Operator : RP/MD
 Sample : P1537-04
 Misc : 4.05G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 4

Quant Time: Feb 24 00:25:12 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)

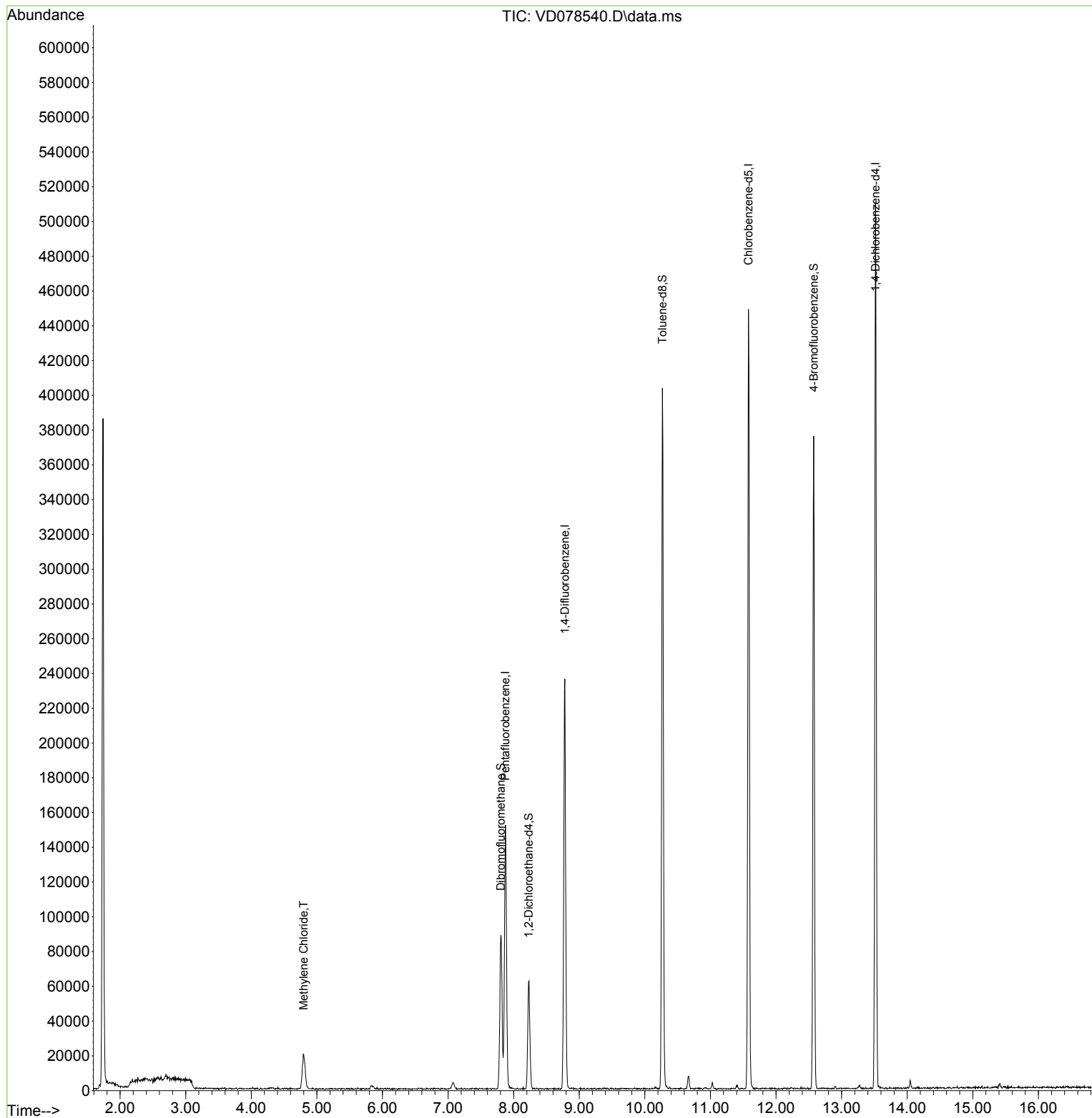
Internal Standards						
1) Pentafluorobenzene	7.875	168	113049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	212210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	264784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45760	37.436	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.880%
35) Dibromofluoromethane	7.804	113	65784	48.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.269	98	278740	51.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.575	95	108631	69.227	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	138.460%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.798	84	16963	9.764	ug/l	93

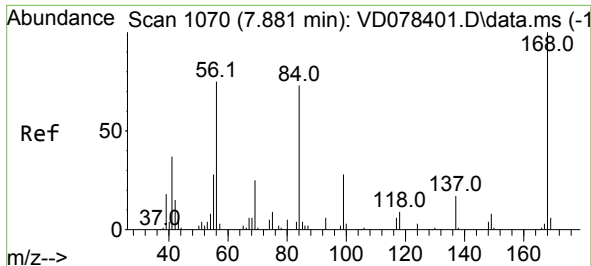
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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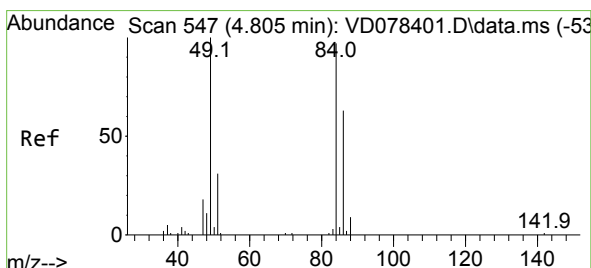
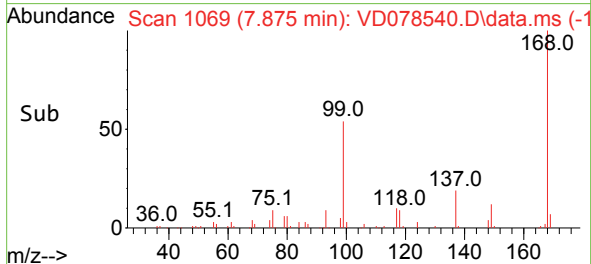
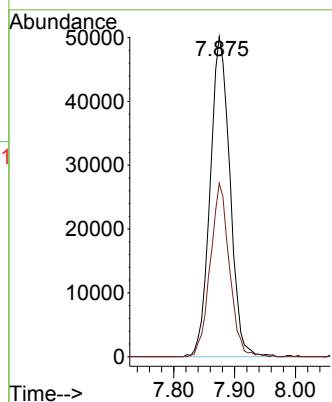
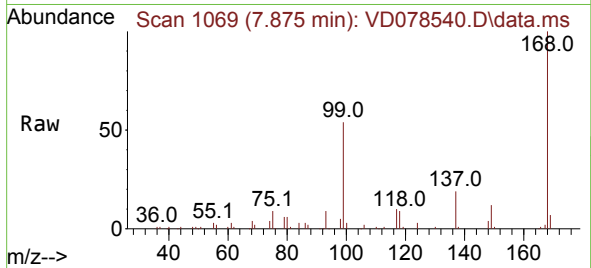




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

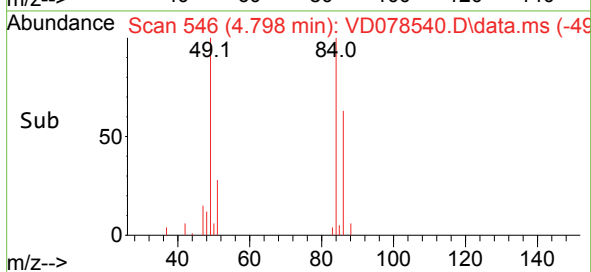
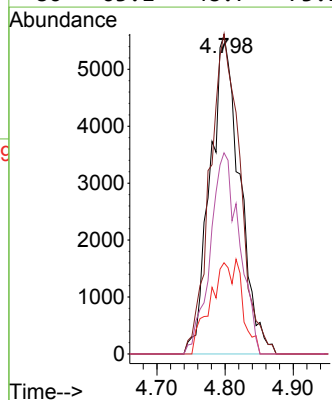
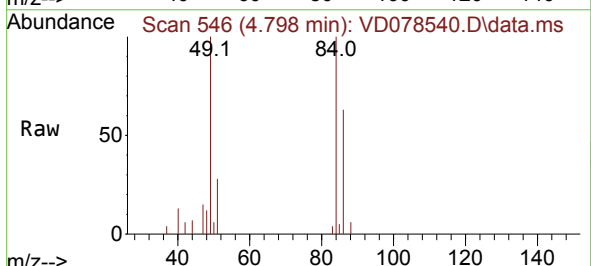
Instrument :
MSVOA_D
ClientSampleId :
4

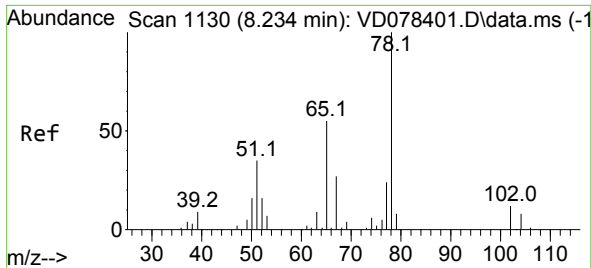
Tgt Ion:168 Resp: 113049
Ion Ratio Lower Upper
168 100
99 54.1 36.7 55.1



#20
Methylene Chloride
Concen: 9.764 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.007 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 84 Resp: 16963
Ion Ratio Lower Upper
84 100
49 100.3 71.4 107.2
51 28.6 24.5 36.7
86 63.1 48.7 73.1

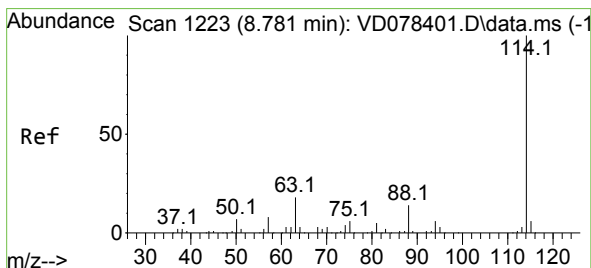
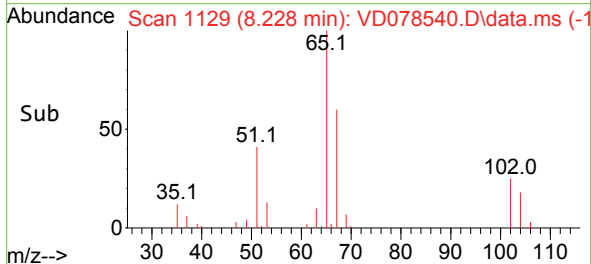
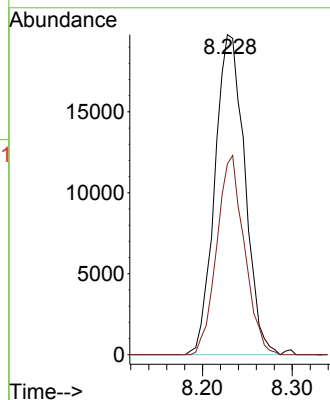
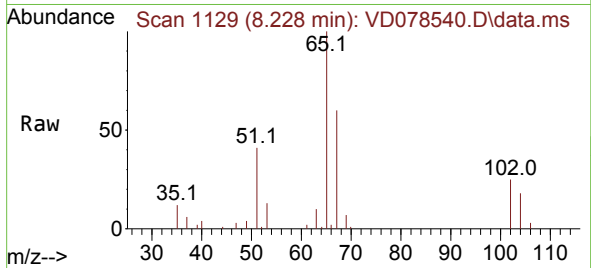




#33
 1,2-Dichloroethane-d4
 Concen: 37.436 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VD078540.D
 Acq: 23 Feb 2024 17:10

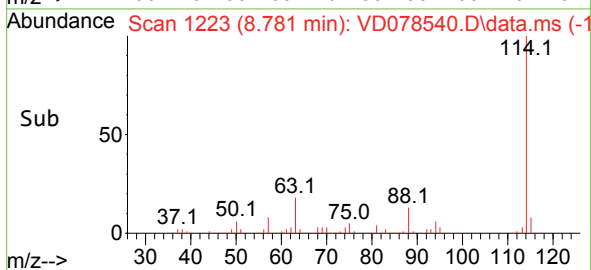
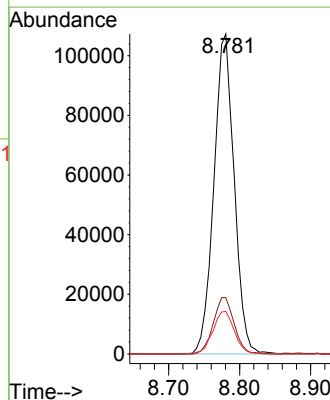
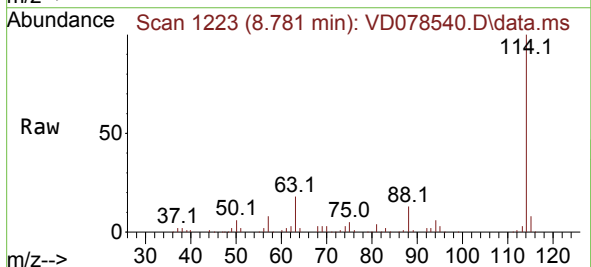
Instrument :
 MSVOA_D
 ClientSampleId :
 4

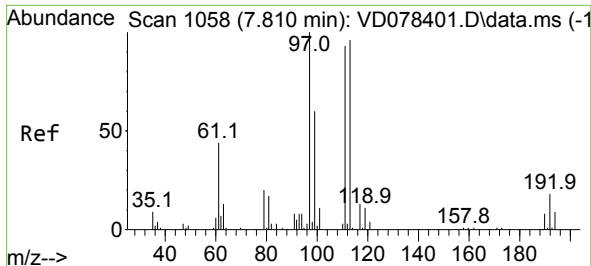
Tgt Ion: 65 Resp: 45760
 Ion Ratio Lower Upper
 65 100
 67 57.5 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD078540.D
 Acq: 23 Feb 2024 17:10

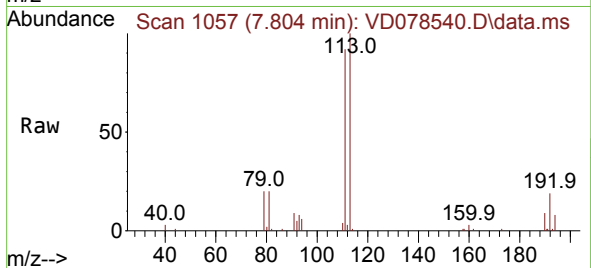
Tgt Ion: 114 Resp: 212210
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.4
 88 13.3 0.0 26.2



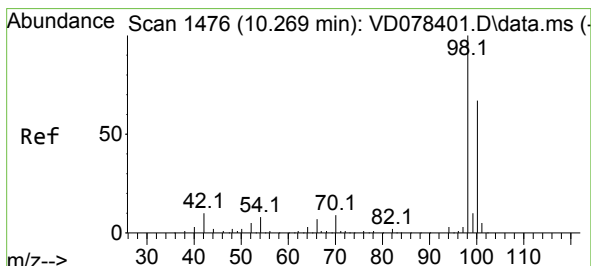
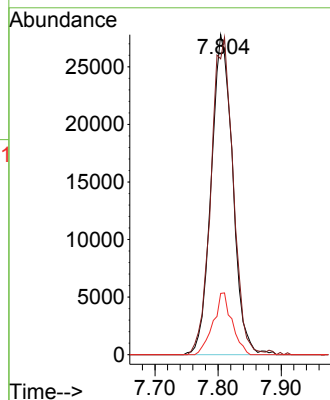
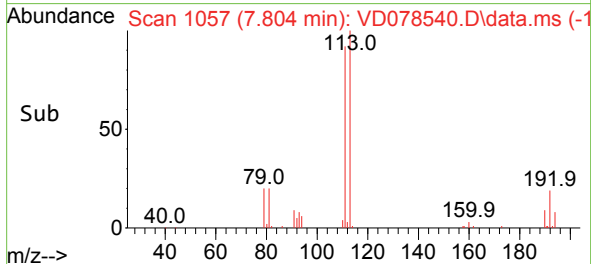


#35
 Dibromofluoromethane
 Concen: 48.801 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD078540.D
 Acq: 23 Feb 2024 17:10

Instrument :
 MSVOA_D
 ClientSampleId :
 4

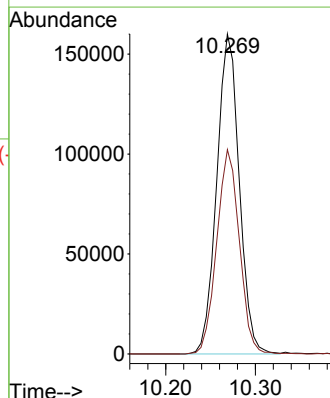
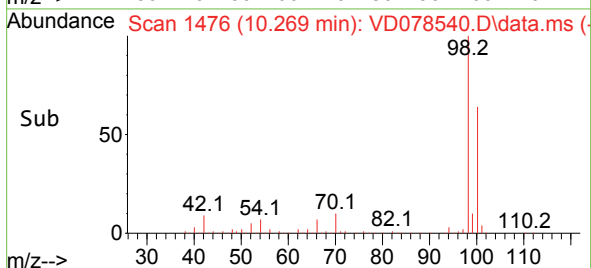
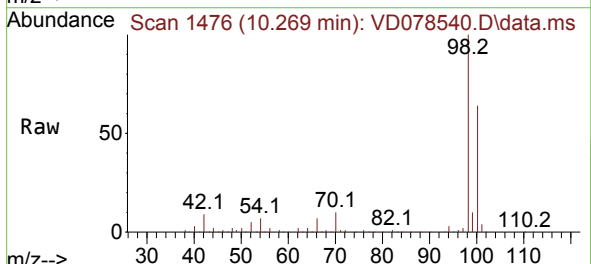


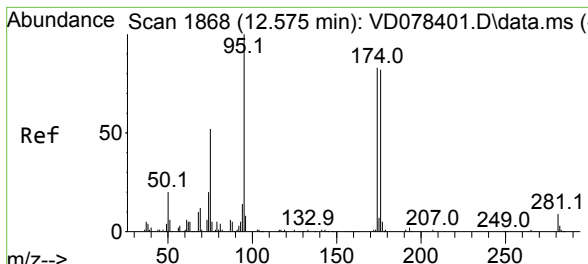
Tgt Ion:113 Resp: 65784
 Ion Ratio Lower Upper
 113 100
 111 101.9 84.7 127.1
 192 16.9 16.8 25.2



#50
 Toluene-d8
 Concen: 51.692 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD078540.D
 Acq: 23 Feb 2024 17:10

Tgt Ion: 98 Resp: 278740
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.3 75.5

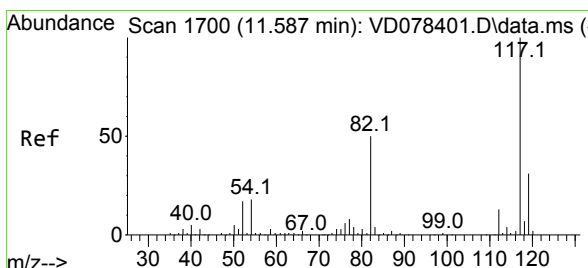
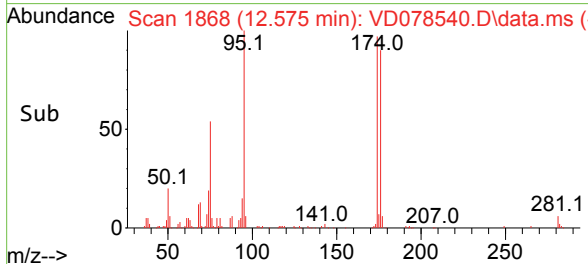
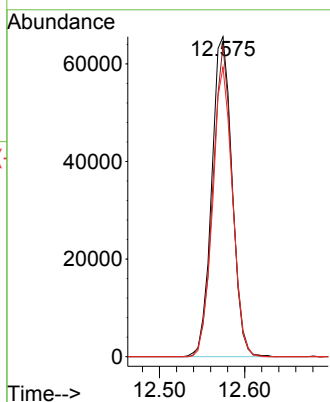
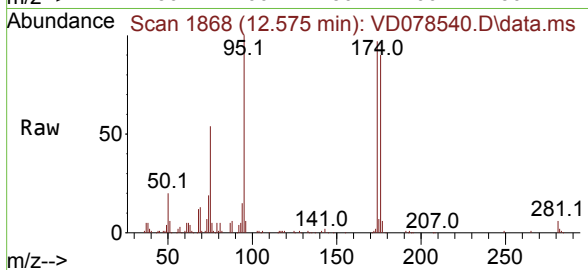




#62
4-Bromofluorobenzene
Concen: 69.227 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

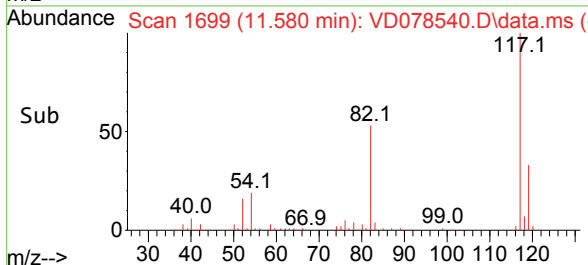
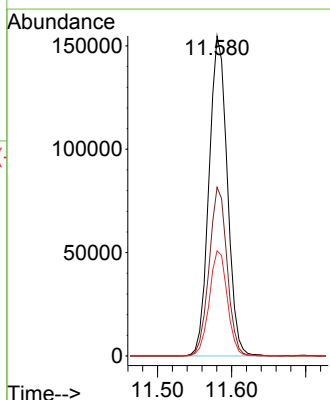
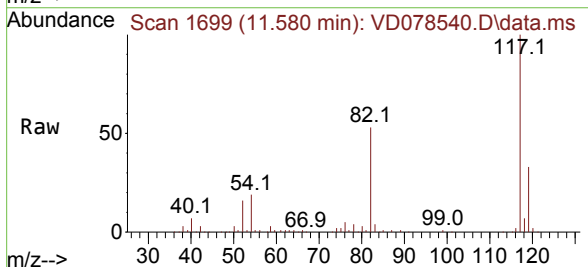
Instrument :
MSVOA_D
ClientSampleId :
4

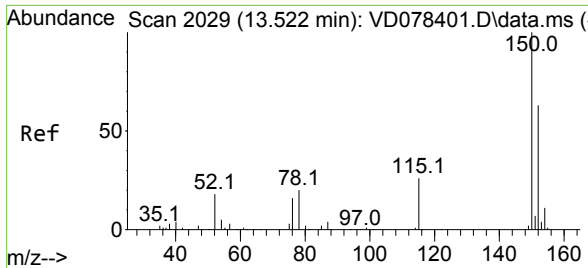
Tgt Ion:	95	Resp:	108631
Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	201.8
176	88.3	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

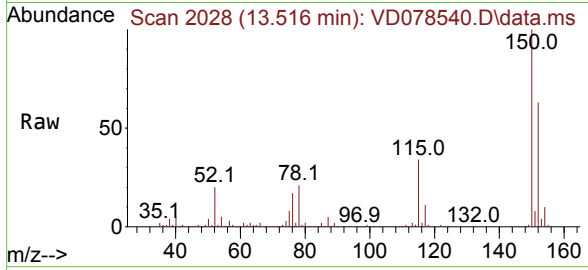
Tgt Ion:	117	Resp:	264784
Ion	Ratio	Lower	Upper
117	100		
82	52.7	38.3	57.5
119	32.9	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078540.D
 Acq: 23 Feb 2024 17:10

Instrument :
 MSVOA_D
 ClientSampleId :
 4



Tgt Ion:152 Resp: 135021
 Ion Ratio Lower Upper
 152 100
 115 55.5 27.1 81.3
 150 159.9 0.0 353.6

