

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080124\
 Data File : VD079531.D
 Acq On : 01 Aug 2024 17:50
 Operator : RP/MD
 Sample : P3394-01
 Misc : 7.41G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-105-SB01

Quant Time: Aug 02 01:31:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

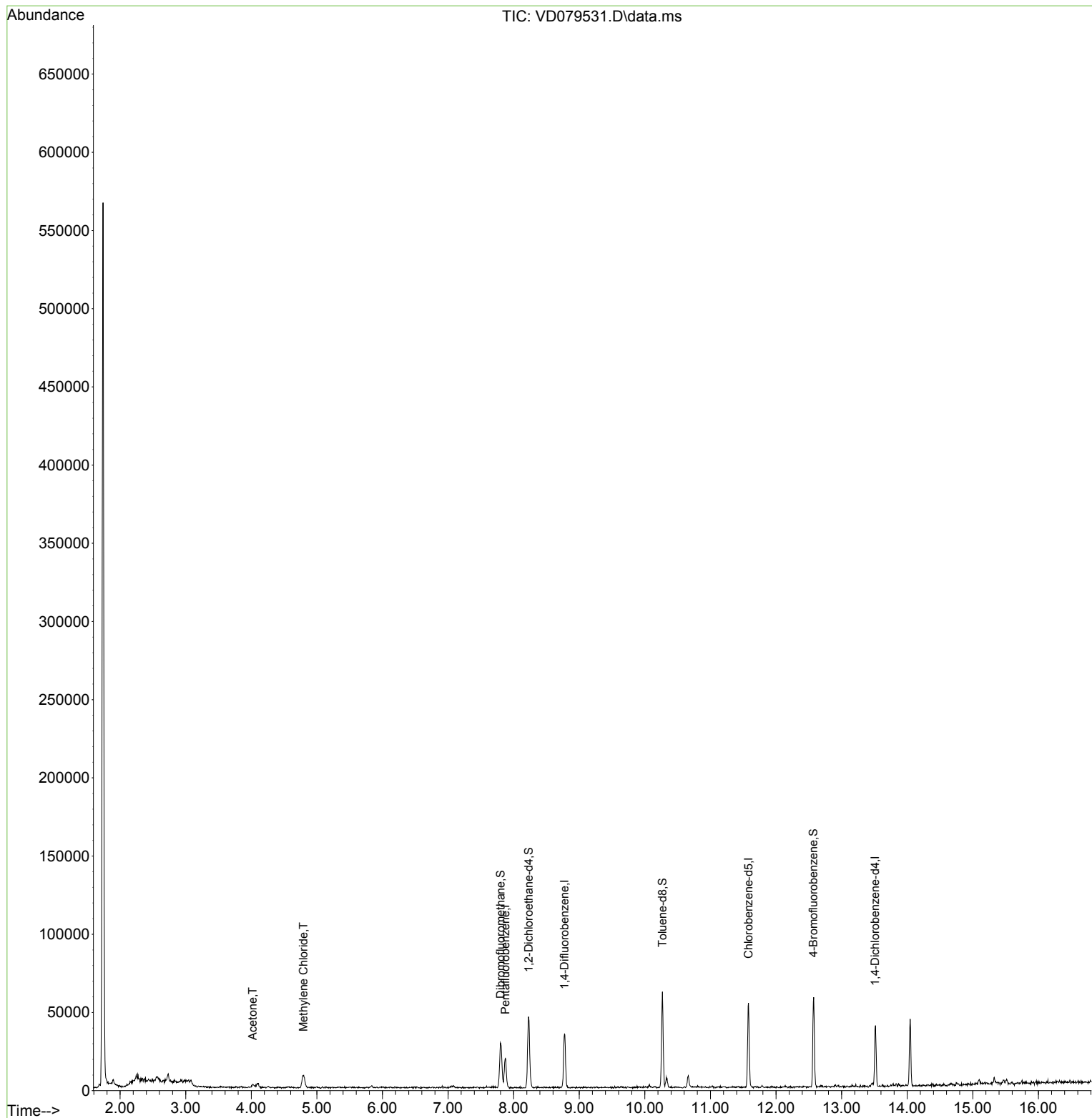
Internal Standards						
1) Pentafluorobenzene	7.875	168	14951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	32806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	32889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	11150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	34325	225.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	451.980%#
35) Dibromofluoromethane	7.799	113	21686	97.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	195.320%#
50) Toluene-d8	10.269	98	41994	48.701	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.569	95	10901	43.686	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.380%
Target Compounds						
16) Acetone	4.022	43	3527	119.486	ug/l	97
20) Methylene Chloride	4.793	84	6443	21.651	ug/l	97

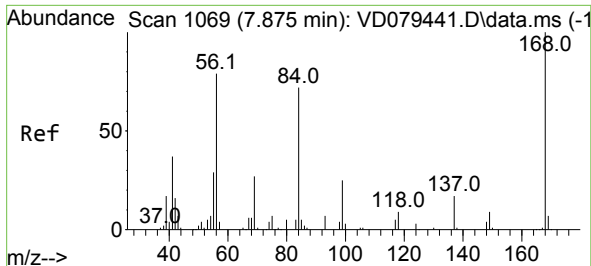
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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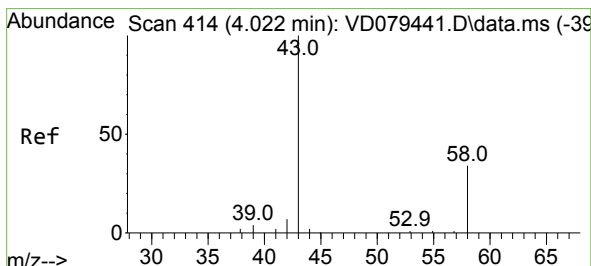
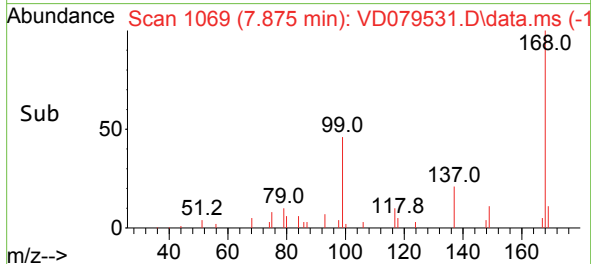
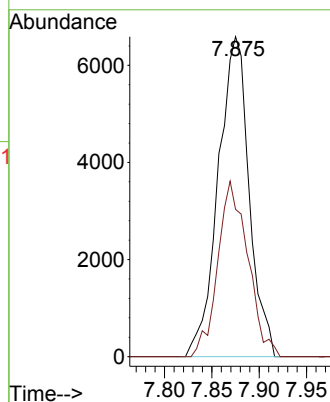
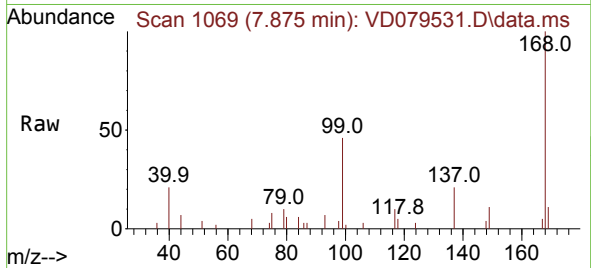




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079531.D
Acq: 01 Aug 2024 17:50

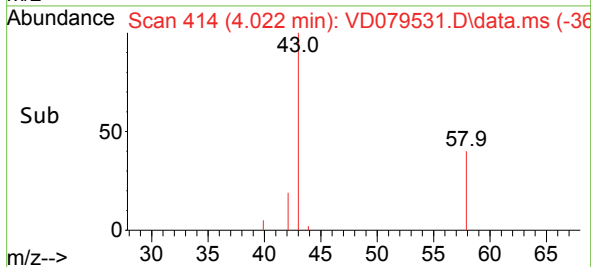
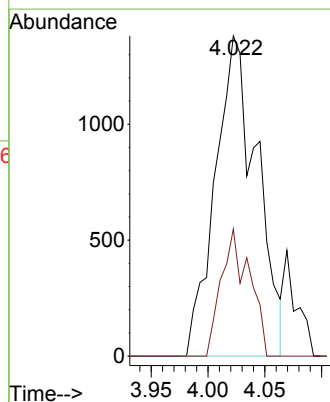
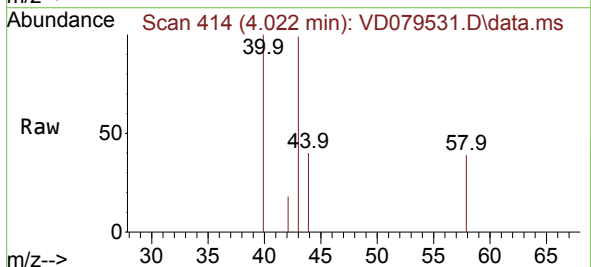
Instrument :
MSVOA_D
ClientSampleId :
B-105-SB01

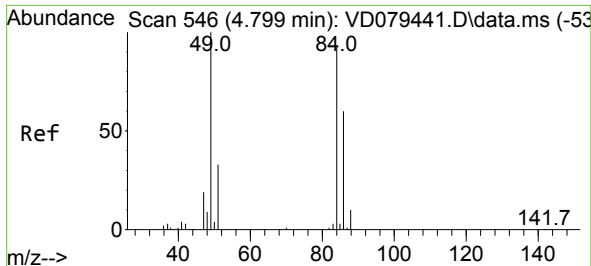
Tgt Ion:168 Resp: 14951
Ion Ratio Lower Upper
168 100
99 46.0 41.1 61.7



#16
Acetone
Concen: 119.486 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079531.D
Acq: 01 Aug 2024 17:50

Tgt Ion: 43 Resp: 3527
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6

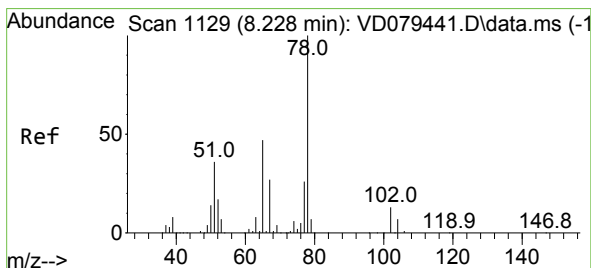
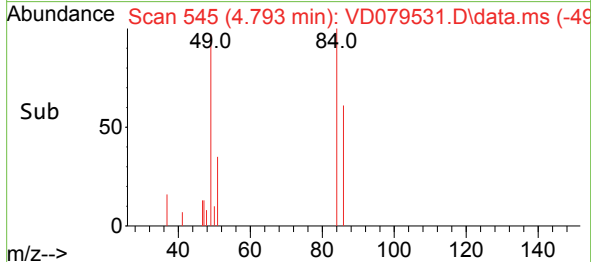
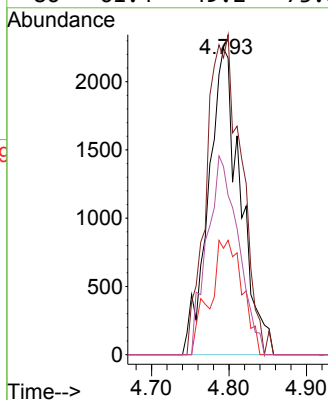
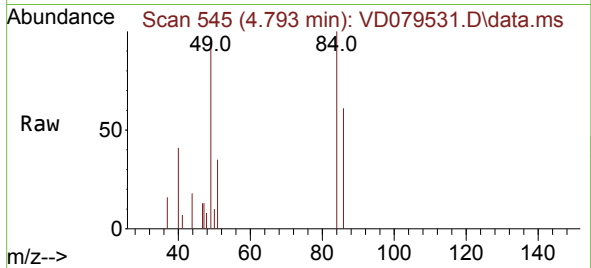




#20
Methylene Chloride
Concen: 21.651 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079531.D
Acq: 01 Aug 2024 17:50

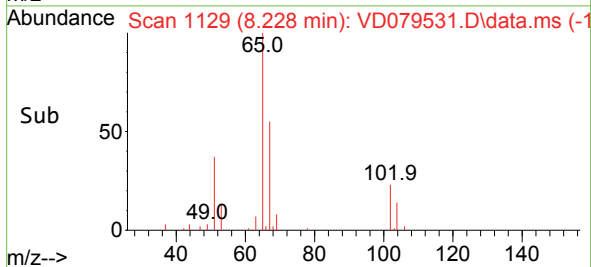
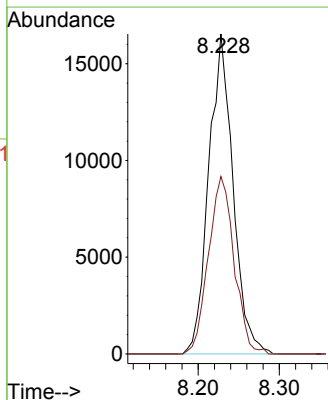
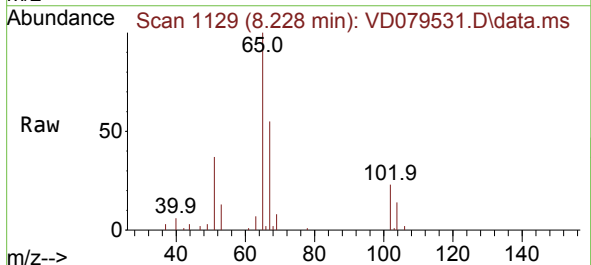
Instrument :
MSVOA_D
ClientSampleId :
B-105-SB01

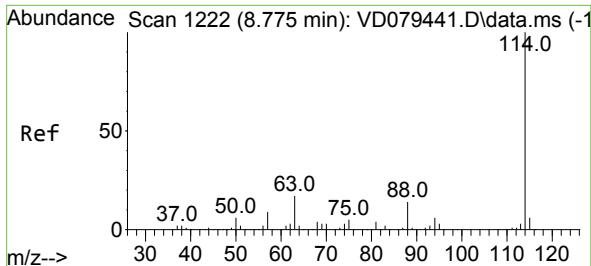
Tgt Ion:	84	Resp:	6443
Ion	Ratio	Lower	Upper
84	100		
49	96.8	75.6	113.4
51	34.7	24.2	36.2
86	61.4	49.2	73.8



#33
1,2-Dichloroethane-d4
Concen: 225.989 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079531.D
Acq: 01 Aug 2024 17:50

Tgt Ion:	65	Resp:	34325
Ion	Ratio	Lower	Upper
65	100		
67	58.8	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: VD079531.D

Acq: 01 Aug 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

B-105-SB01

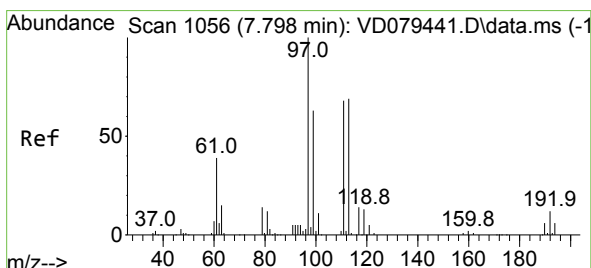
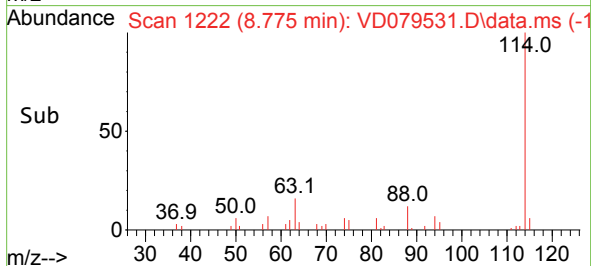
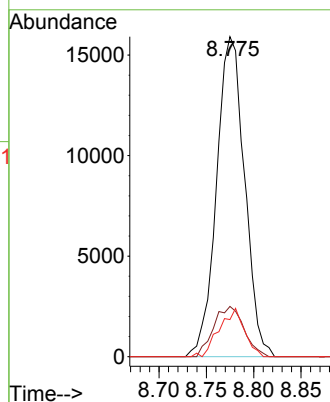
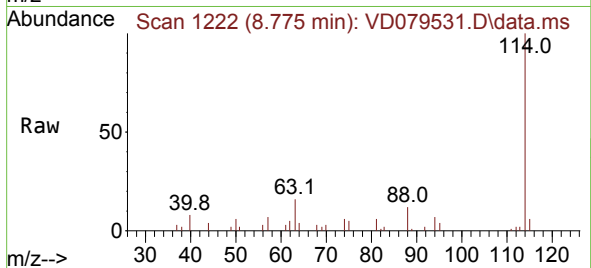
Tgt Ion:114 Resp: 32806

Ion Ratio Lower Upper

114 100

63 15.7 0.0 34.0

88 11.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 97.664 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079531.D

Acq: 01 Aug 2024 17:50

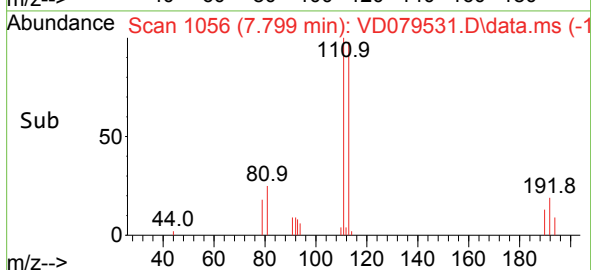
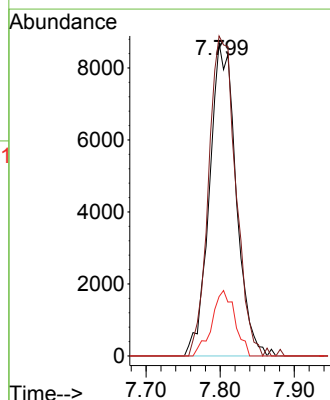
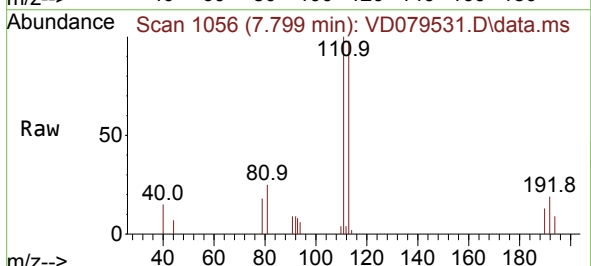
Tgt Ion:113 Resp: 21686

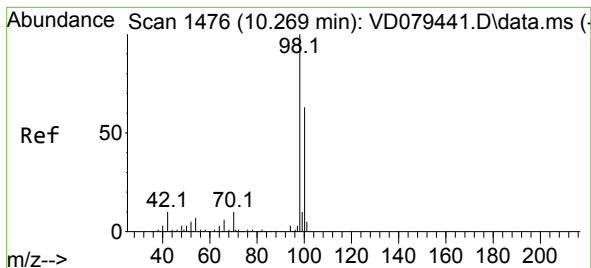
Ion Ratio Lower Upper

113 100

111 104.0 84.0 126.0

192 18.1 15.4 23.0

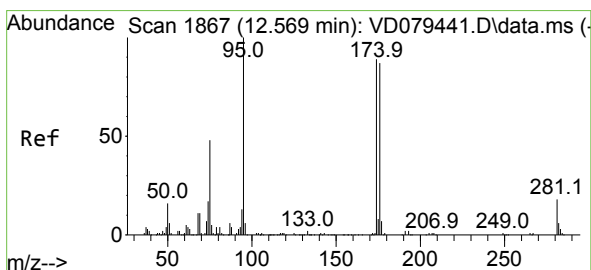
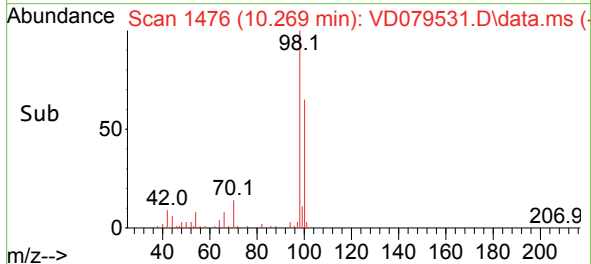
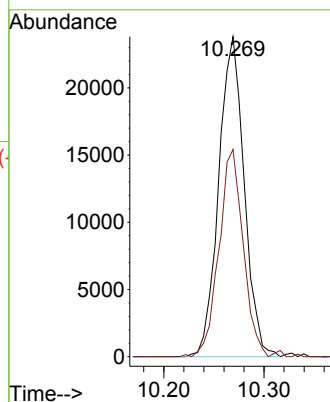
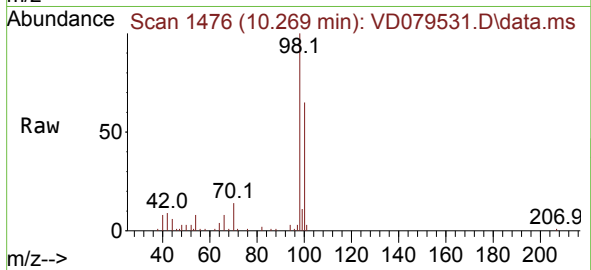




#50
Toluene-d8
Concen: 48.701 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079531.D
Acq: 01 Aug 2024 17:50

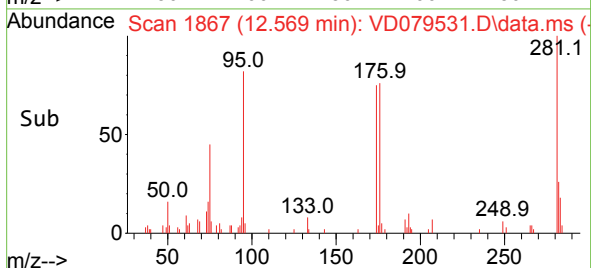
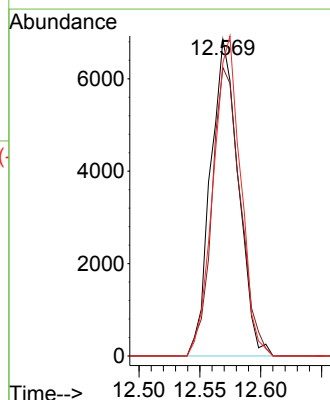
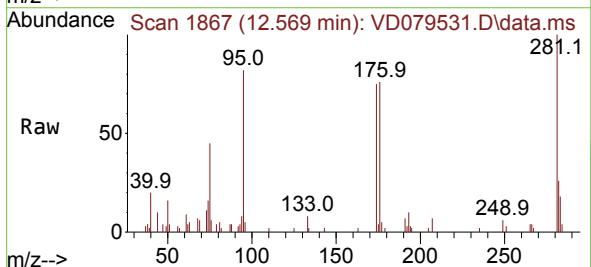
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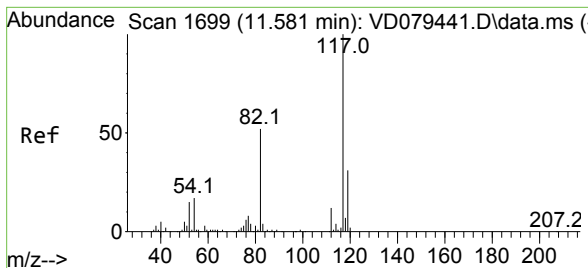
Tgt Ion: 98 Resp: 41994
Ion Ratio Lower Upper
98 100
100 61.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.686 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079531.D
Acq: 01 Aug 2024 17:50

Tgt Ion: 95 Resp: 10901
Ion Ratio Lower Upper
95 100
174 92.6 0.0 195.4
176 99.0 0.0 192.6

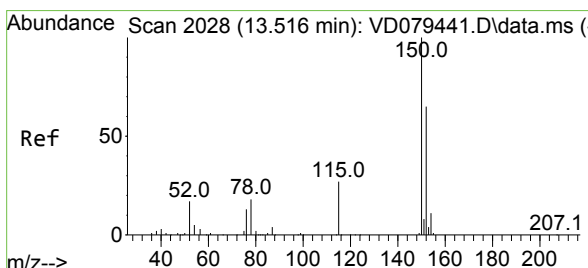
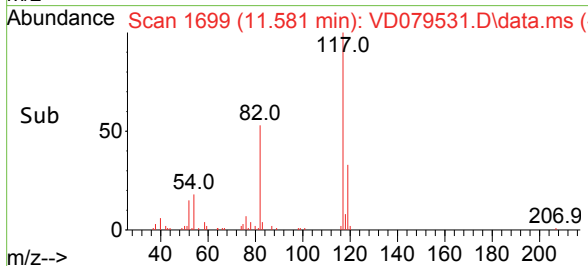
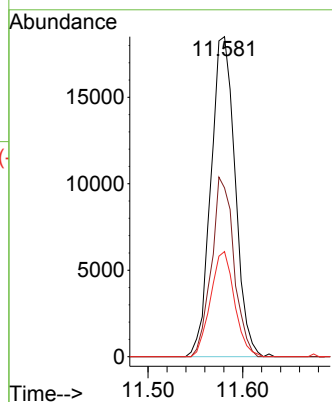
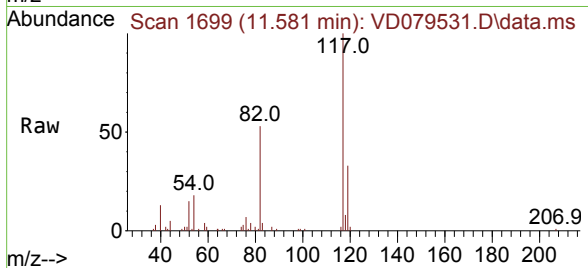




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079531.D
Acq: 01 Aug 2024 17:50

Instrument :
MSVOA_D
ClientSampleId :
B-105-SB01

Tgt Ion:	117	Resp:	32889
Ion	Ratio	Lower	Upper
117	100		
82	52.7	39.8	59.6
119	32.8	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD079531.D
Acq: 01 Aug 2024 17:50

Tgt Ion:	152	Resp:	11150
Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.5	79.5
150	154.6	0.0	341.6

