

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079297.D
 Acq On : 01 Jul 2024 15:45
 Operator : RP/MD
 Sample : P3129-01RE
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT4259RE

Quant Time: Jul 02 05:58:32 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)

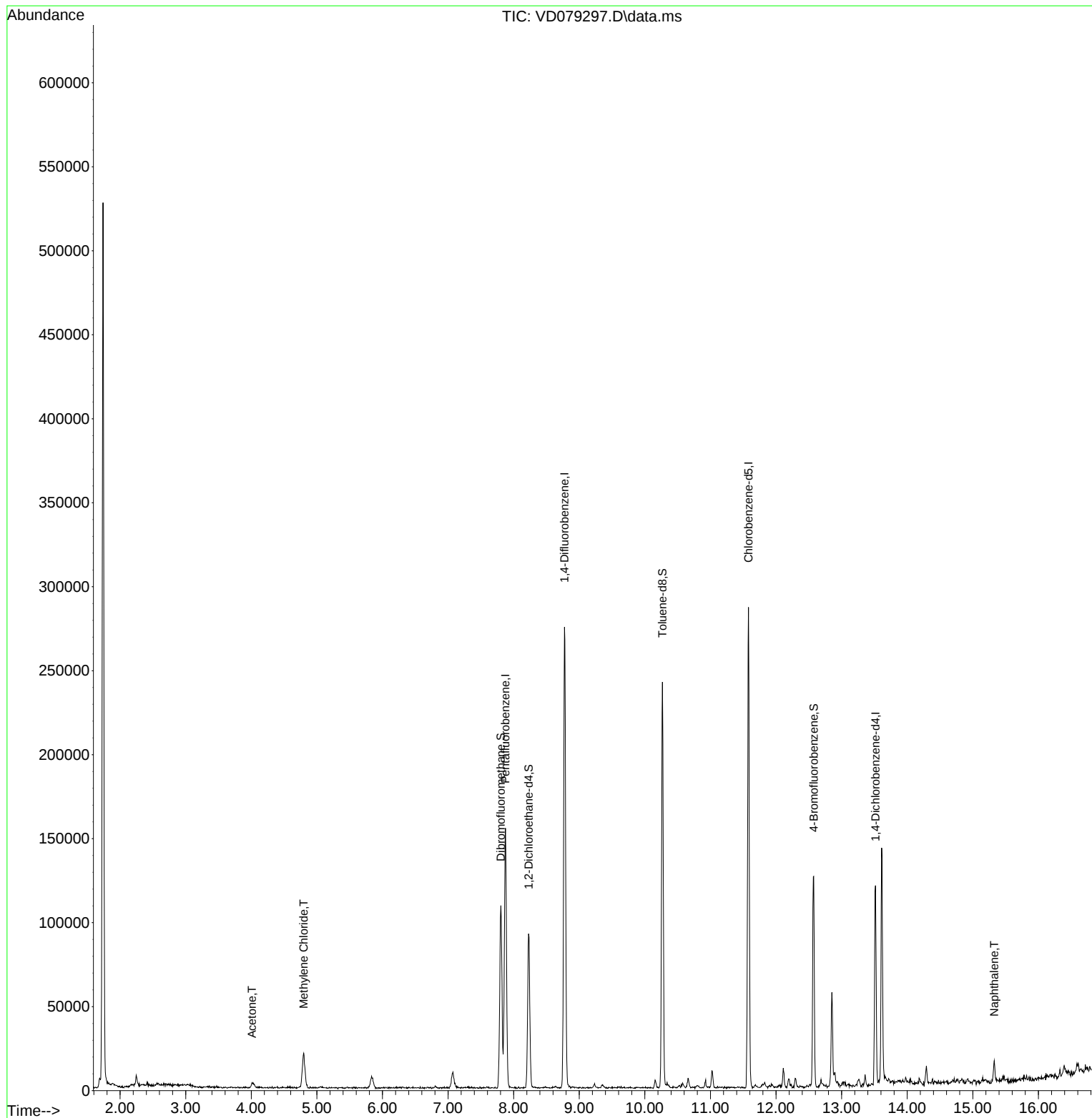
Internal Standards						
1) Pentafluorobenzene	7.875	168	107838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	248006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	165413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	32471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72753	70.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.360%
35) Dibromofluoromethane	7.804	113	78992	48.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.040%
50) Toluene-d8	10.269	98	173697	29.659	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	59.320%
62) 4-Bromofluorobenzene	12.575	95	42826	22.805	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.600%
Target Compounds						
					Qvalue	
16) Acetone	4.010	43	5007	19.563	ug/l #	83
20) Methylene Chloride	4.799	84	15790	3.846	ug/l	94
95) Naphthalene	15.327	128	9603	9.286	ug/l #	91

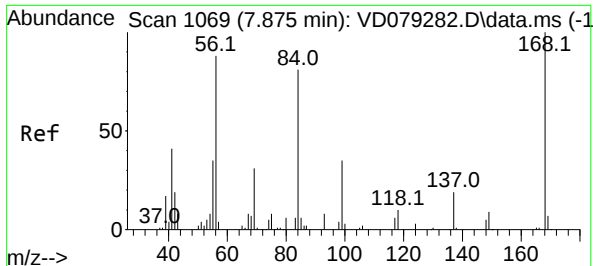
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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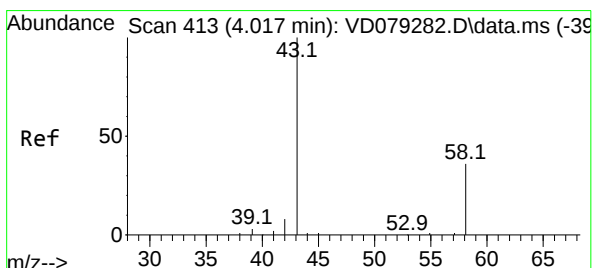
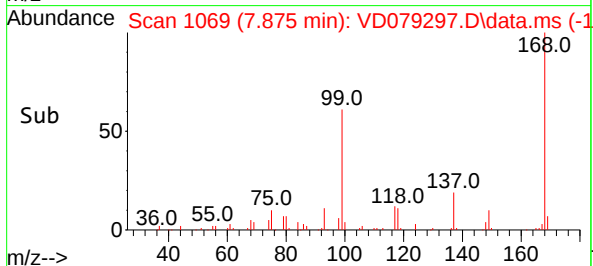
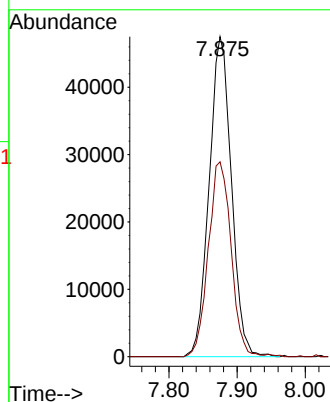
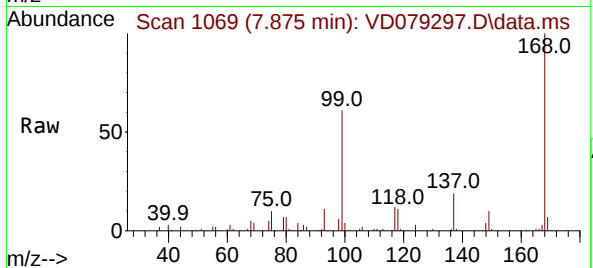




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079297.D
Acq: 01 Jul 2024 15:45

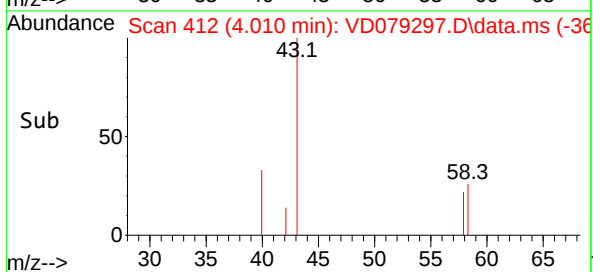
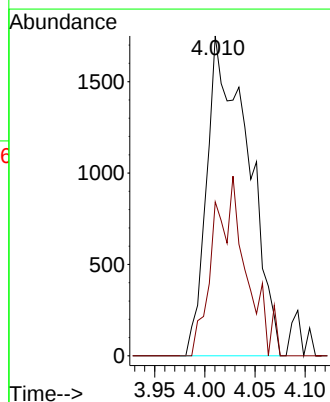
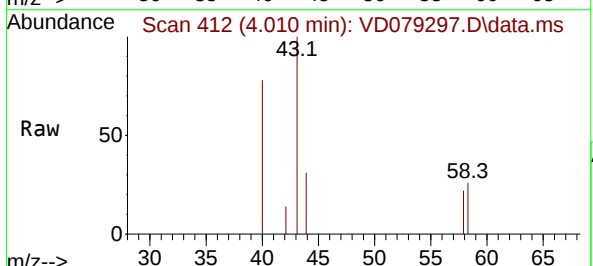
Instrument :
MSVOA_D
ClientSampleId :
RT4259RE

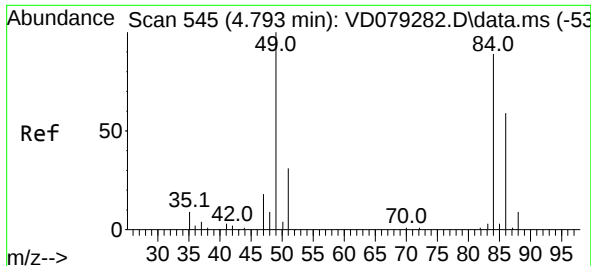
Tgt Ion:168 Resp: 107838
Ion Ratio Lower Upper
168 100
99 60.9 41.1 61.7



#16
Acetone
Concen: 19.563 ug/l
RT: 4.010 min Scan# 412
Delta R.T. -0.006 min
Lab File: VD079297.D
Acq: 01 Jul 2024 15:45

Tgt Ion: 43 Resp: 5007
Ion Ratio Lower Upper
43 100
58 48.1 30.4 45.6#

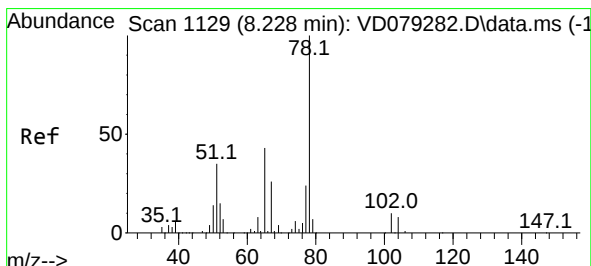
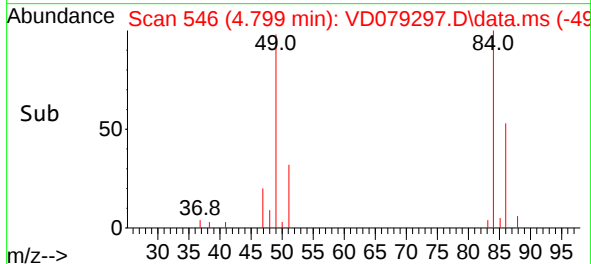
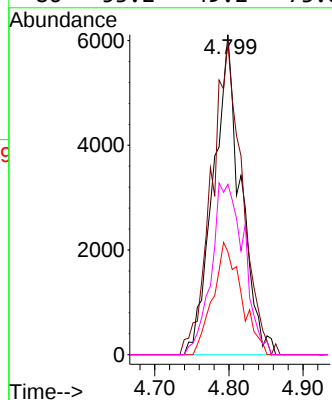
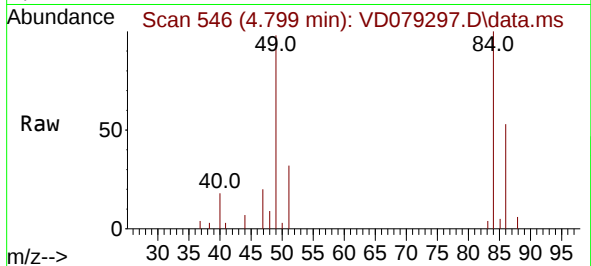




#20
Methylene Chloride
Concen: 3.846 ug/l
RT: 4.799 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD079297.D
Acq: 01 Jul 2024 15:45

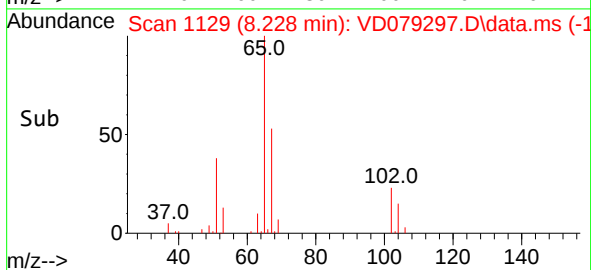
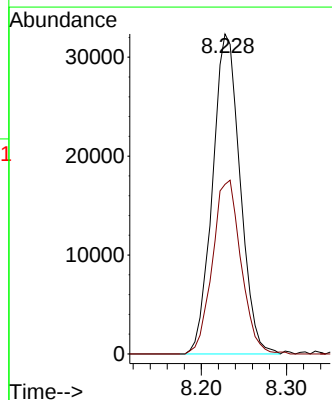
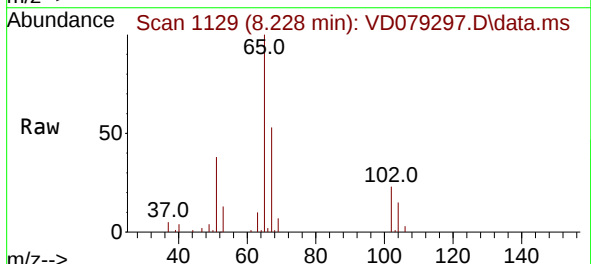
Instrument :
MSVOA_D
ClientSampleId :
RT4259RE

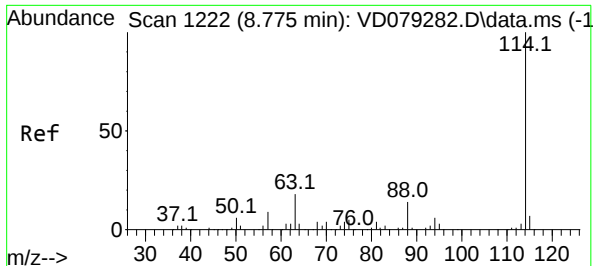
Tgt Ion: 84	Resp: 15790
Ion Ratio	Lower Upper
84 100	
49 98.0	75.6 113.4
51 32.1	24.2 36.2
86 53.2	49.2 73.8



#33
1,2-Dichloroethane-d4
Concen: 70.681 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079297.D
Acq: 01 Jul 2024 15:45

Tgt Ion: 65	Resp: 72753
Ion Ratio	Lower Upper
65 100	
67 56.2	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: VD079297.D

Acq: 01 Jul 2024 15:45

Instrument :

MSVOA_D

ClientSampleId :

RT4259RE

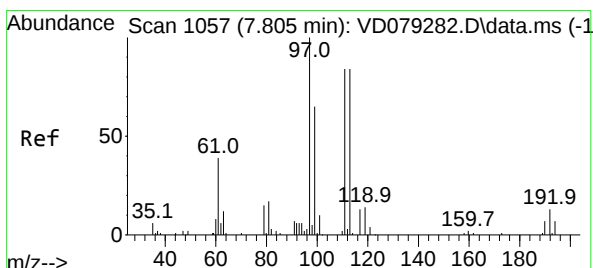
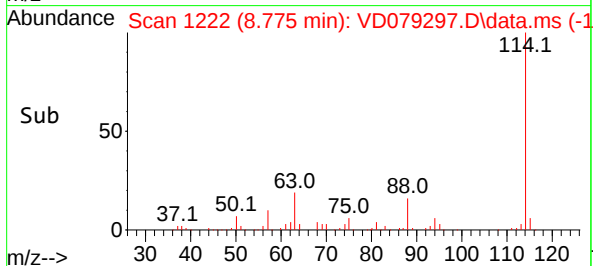
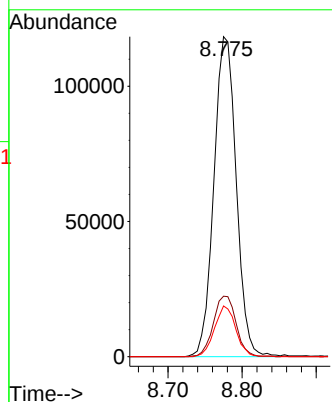
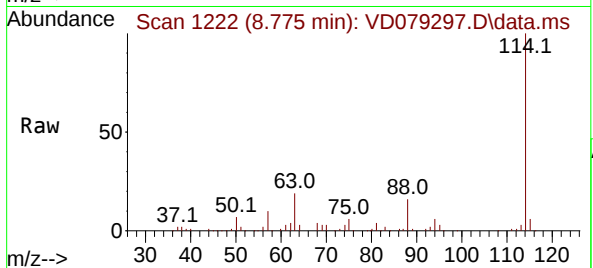
Tgt Ion:114 Resp: 248006

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.524 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079297.D

Acq: 01 Jul 2024 15:45

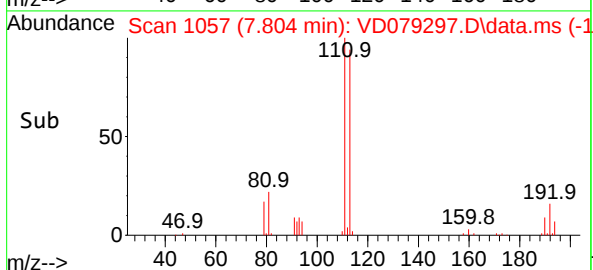
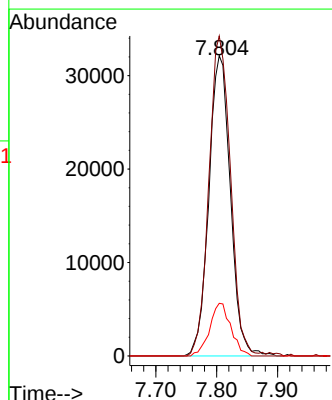
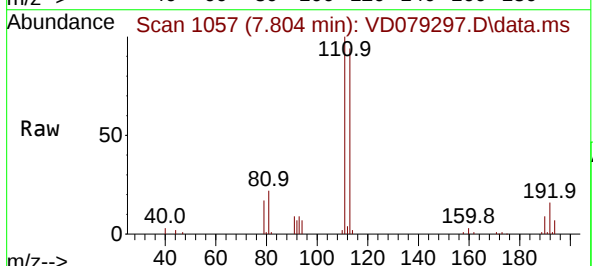
Tgt Ion:113 Resp: 78992

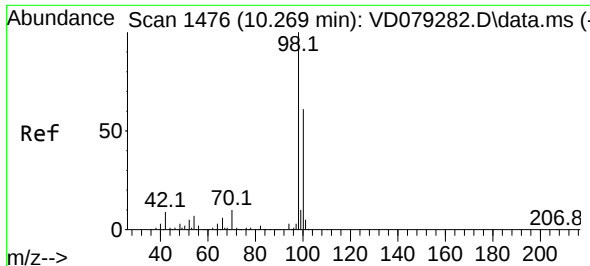
Ion Ratio Lower Upper

113 100

111 106.6 84.0 126.0

192 17.2 15.4 23.0

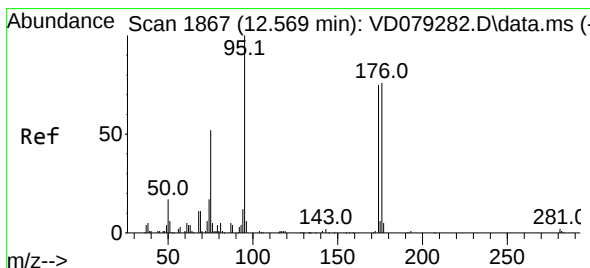
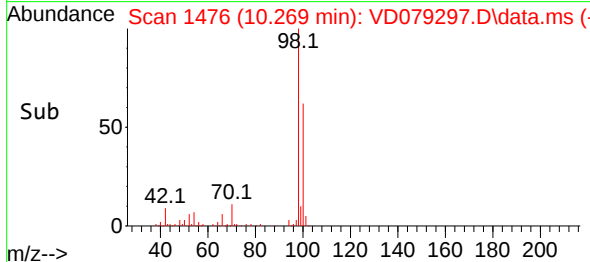
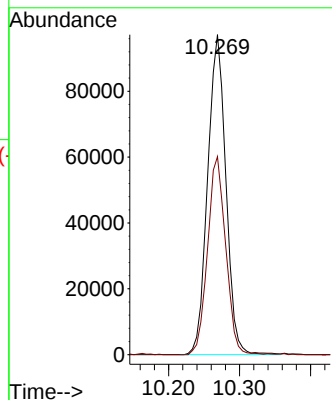
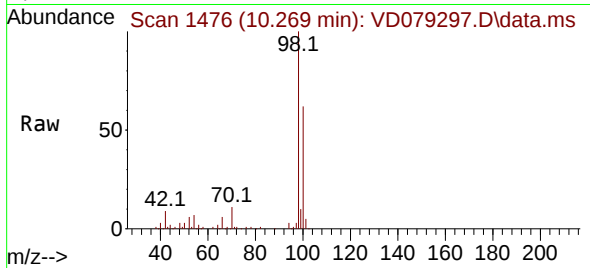




#50
Toluene-d8
Concen: 29.659 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079297.D
Acq: 01 Jul 2024 15:45

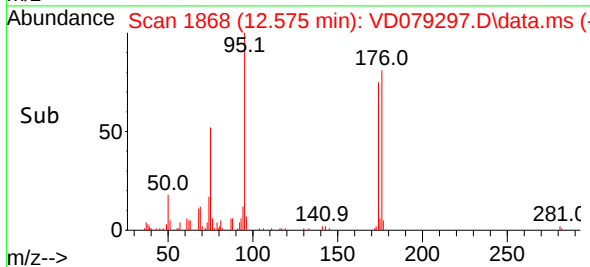
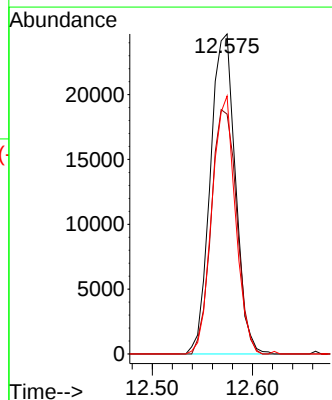
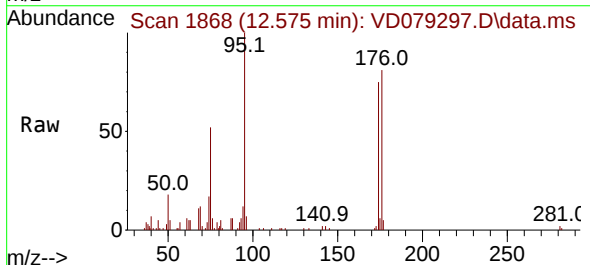
Instrument :
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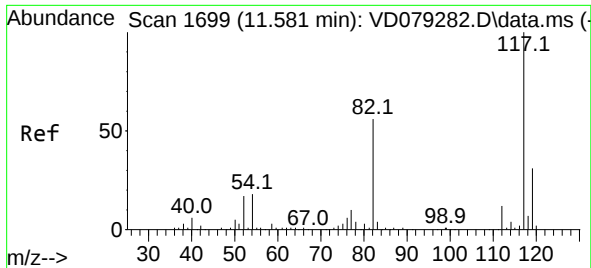
Tgt Ion: 98 Resp: 173697
Ion Ratio Lower Upper
98 100
100 61.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 22.805 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079297.D
Acq: 01 Jul 2024 15:45

Tgt Ion: 95 Resp: 42826
Ion Ratio Lower Upper
95 100
174 77.7 0.0 195.4
176 75.7 0.0 192.6

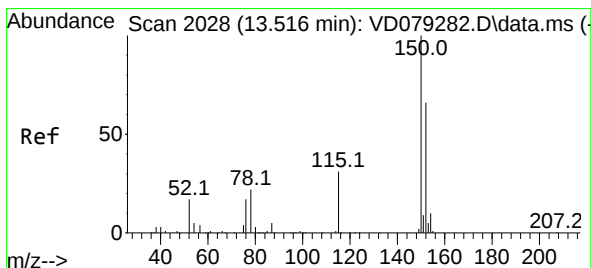
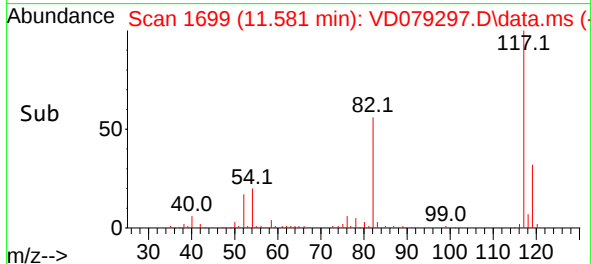
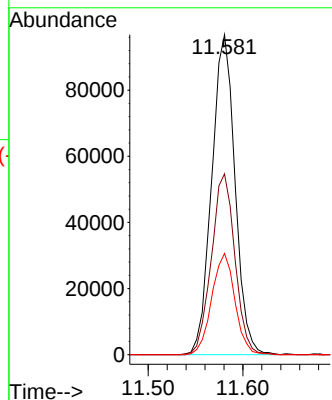
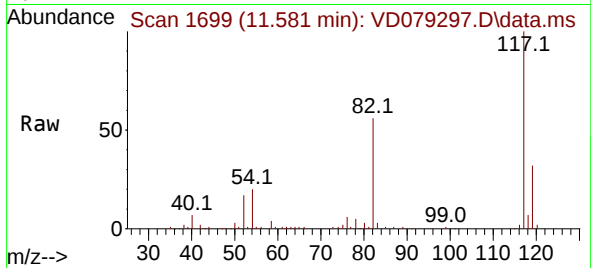




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079297.D
Acq: 01 Jul 2024 15:45

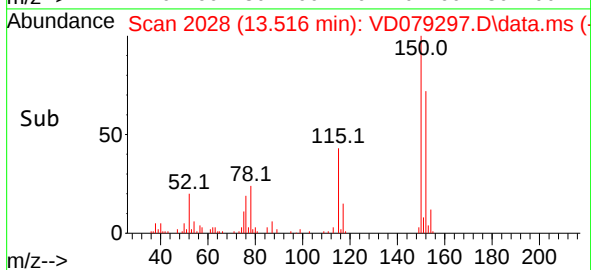
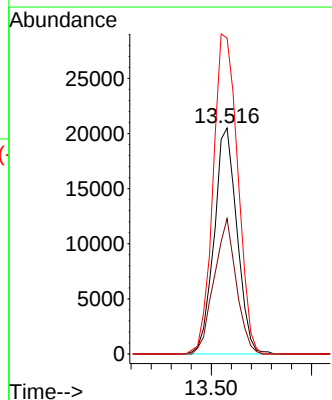
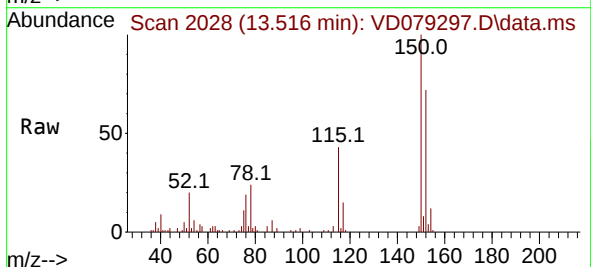
Instrument :
MSVOA_D
ClientSampleId :
RT4259RE

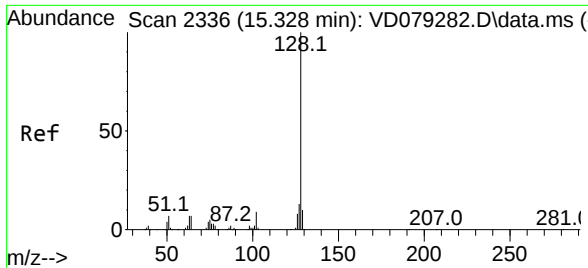
Tgt Ion:117 Resp: 165413
Ion Ratio Lower Upper
117 100
82 56.5 39.8 59.6
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079297.D
Acq: 01 Jul 2024 15:45

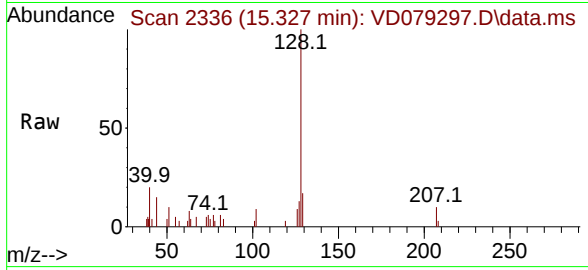
Tgt Ion:152 Resp: 32471
Ion Ratio Lower Upper
152 100
115 58.1 26.5 79.5
150 152.2 0.0 341.6





#95
Naphthalene
Concen: 9.286 ug/l
RT: 15.327 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079297.D
Acq: 01 Jul 2024 15:45

Instrument :
MSVOA_D
ClientSampleId :
RT4259RE



Tgt Ion:	128	Resp:	9603
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	17.1	8.5	12.7#

