

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079724.D
 Acq On : 13 Aug 2024 18:27
 Operator : RP/MD
 Sample : P3526-03RE
 Misc : 6.75G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-GRABRE

Quant Time: Aug 14 05:54:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

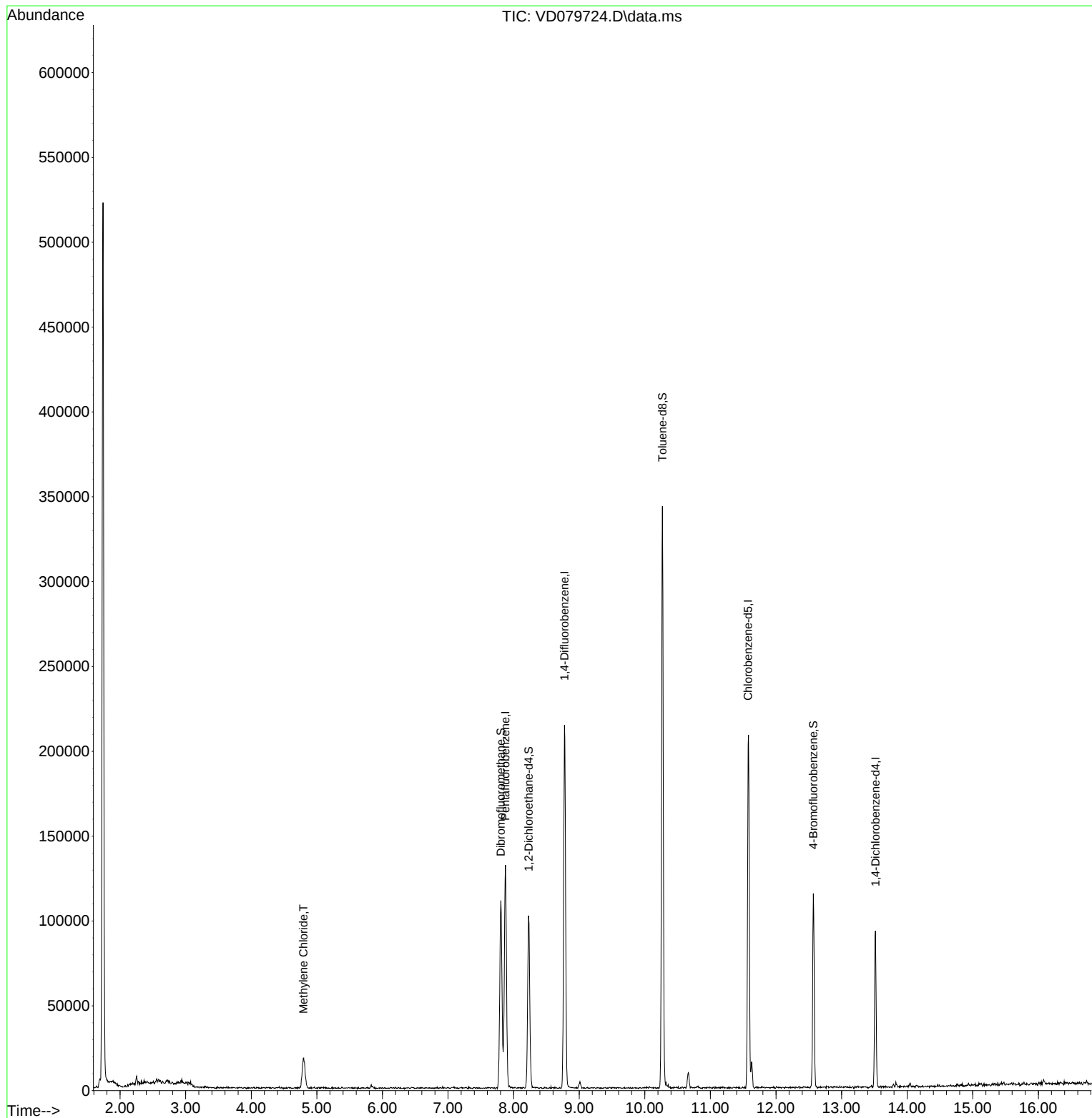
Internal Standards						
1) Pentafluorobenzene	7.875	168	98008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	194940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	126753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	24967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78196	69.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.700%
35) Dibromofluoromethane	7.805	113	80474	66.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.920%
50) Toluene-d8	10.269	98	245604	48.898	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.569	95	34630	24.624	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.240%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.793	84	14195	3.836	ug/l	94

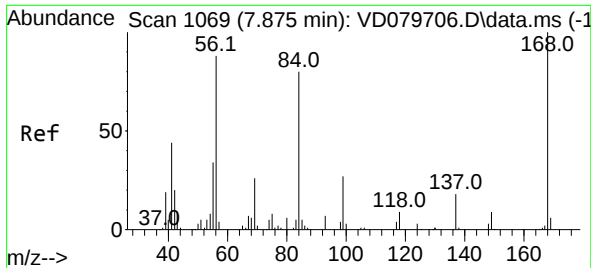
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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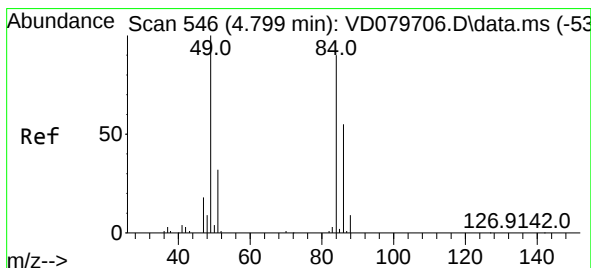
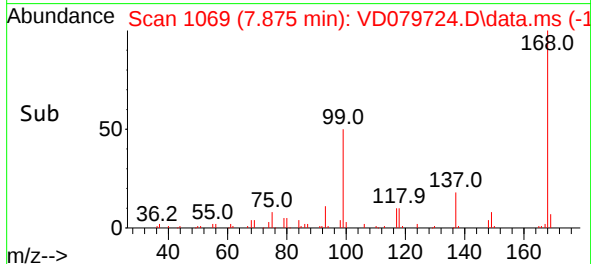
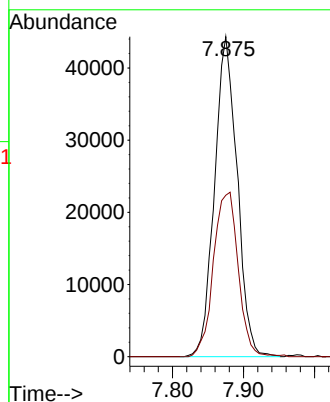
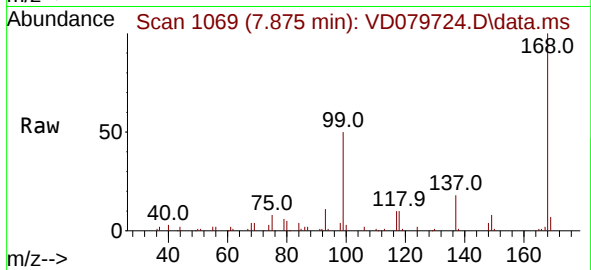




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

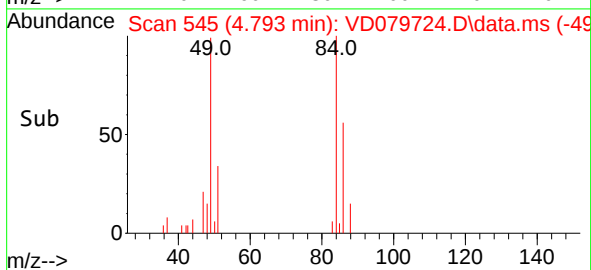
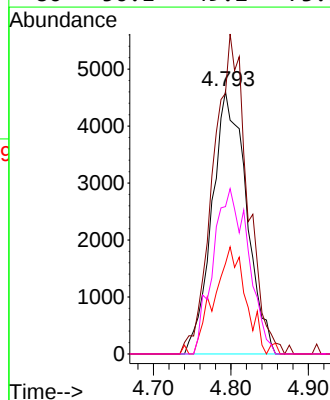
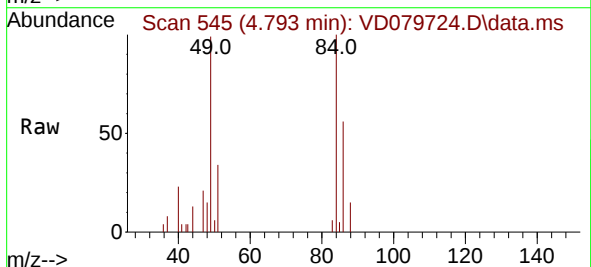
Instrument :
MSVOA_D
ClientSampleId :
SP-1-GRABRE

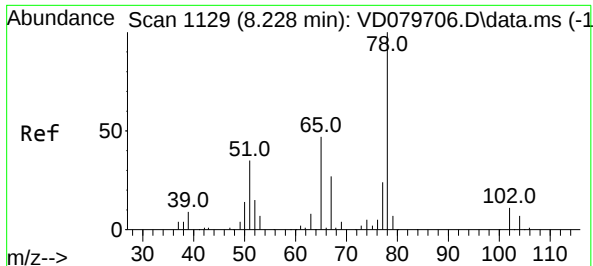
Tgt Ion:168 Resp: 98008
Ion Ratio Lower Upper
168 100
99 50.5 41.1 61.7



#20
Methylene Chloride
Concen: 3.836 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

Tgt Ion: 84 Resp: 14195
Ion Ratio Lower Upper
84 100
49 99.2 75.6 113.4
51 34.4 24.2 36.2
86 56.1 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 69.350 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079724.D

Acq: 13 Aug 2024 18:27

Instrument :

MSVOA_D

ClientSampleId :

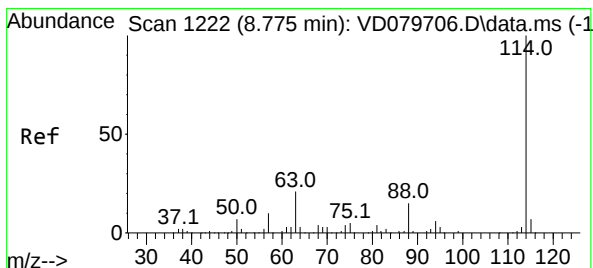
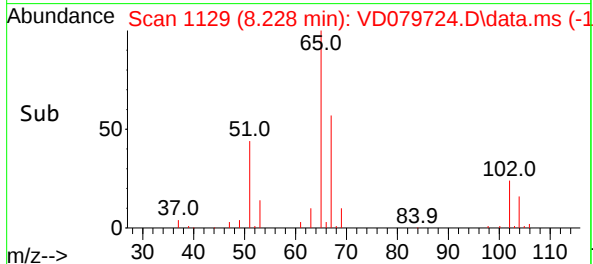
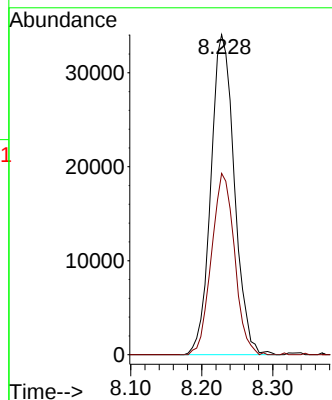
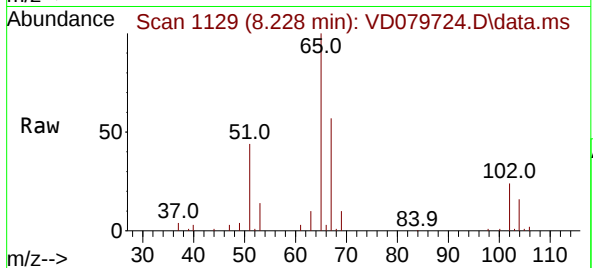
SP-1-GRABRE

Tgt Ion: 65 Resp: 78196

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079724.D

Acq: 13 Aug 2024 18:27

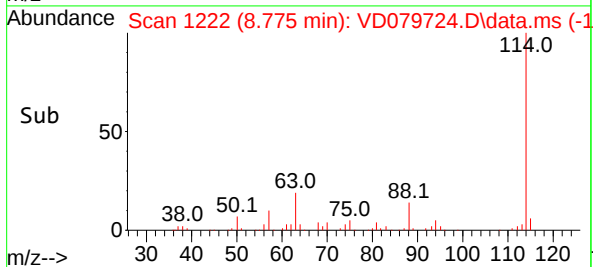
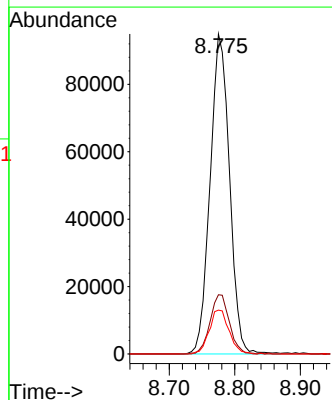
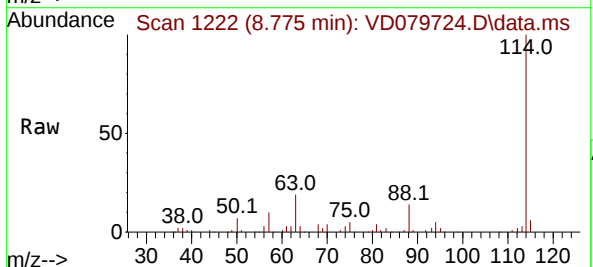
Tgt Ion:114 Resp: 194940

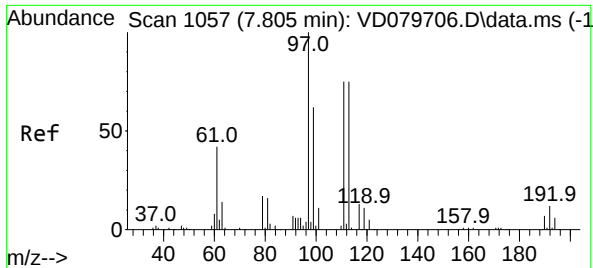
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.0

88 13.7 0.0 27.2

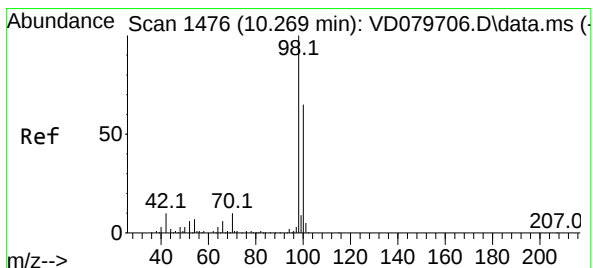
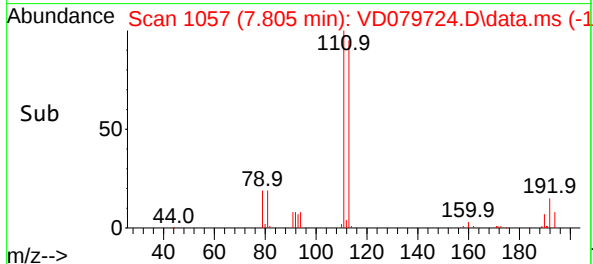
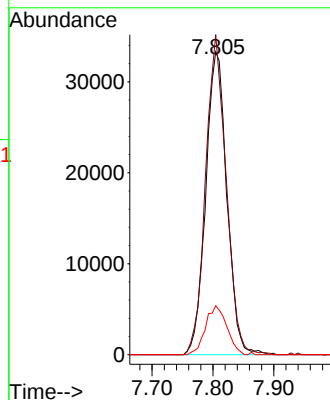
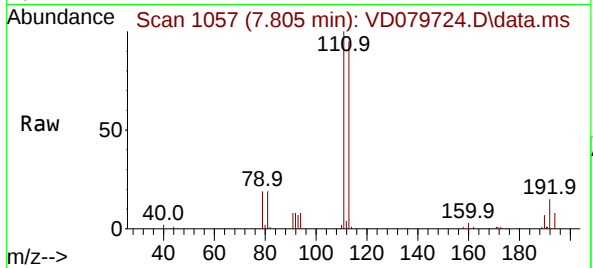




#35
Dibromofluoromethane
Concen: 66.963 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

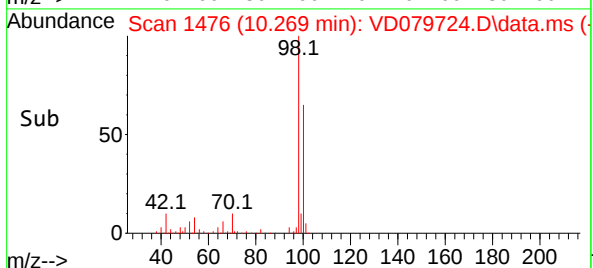
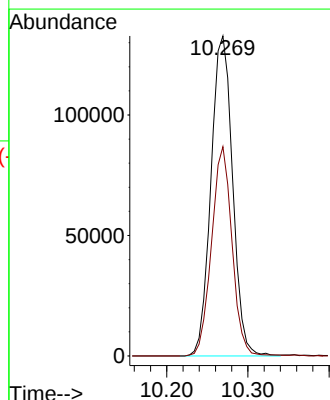
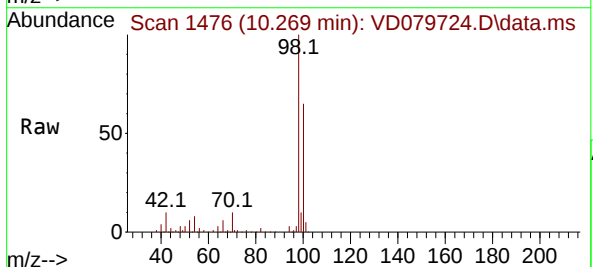
Instrument :
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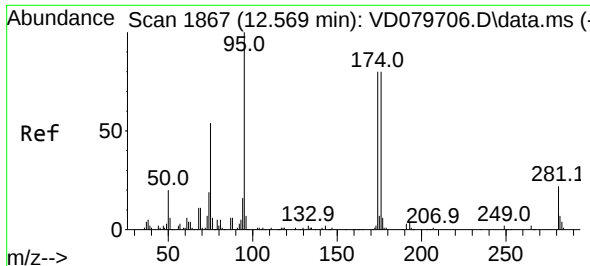
Tgt Ion:113 Resp: 80474
Ion Ratio Lower Upper
113 100
111 102.8 84.0 126.0
192 16.3 15.4 23.0



#50
Toluene-d8
Concen: 48.898 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

Tgt Ion: 98 Resp: 245604
Ion Ratio Lower Upper
98 100
100 62.0 51.6 77.4

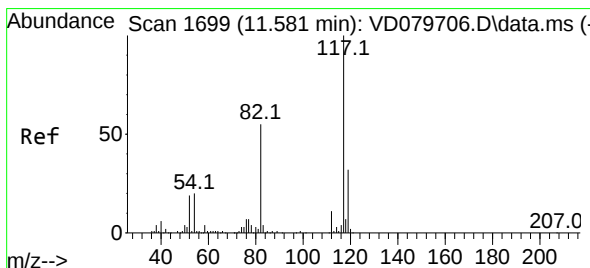
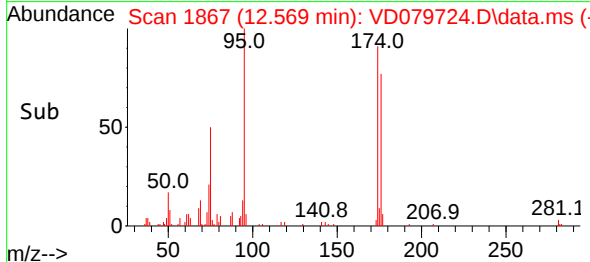
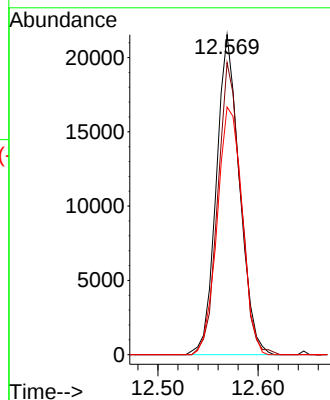
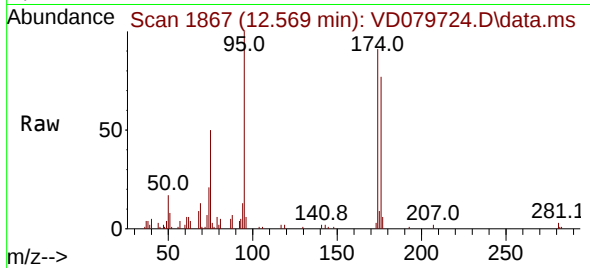




#62
4-Bromofluorobenzene
Concen: 24.624 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

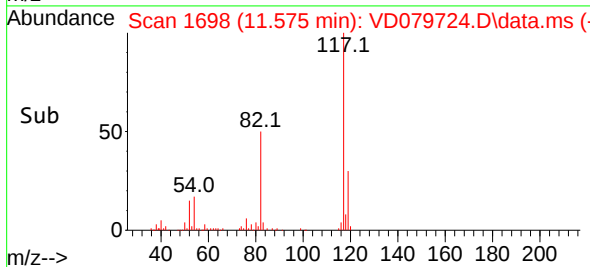
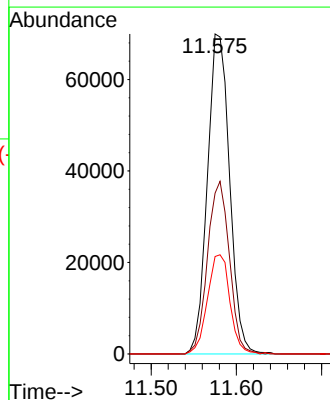
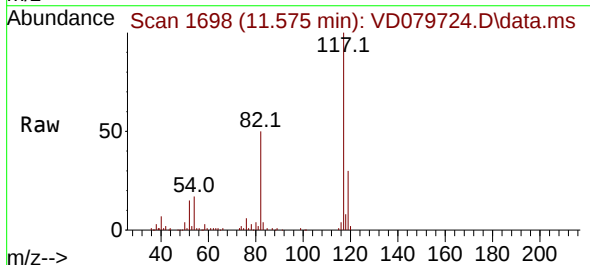
Instrument :
MSVOA_D
ClientSampleId :
SP-1-GRABRE

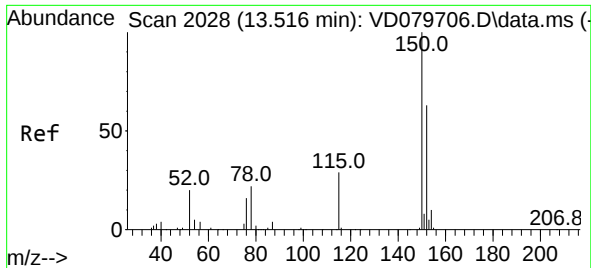
Tgt Ion:	95	Resp:	34630
Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	195.4
176	83.4	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD079724.D
Acq: 13 Aug 2024 18:27

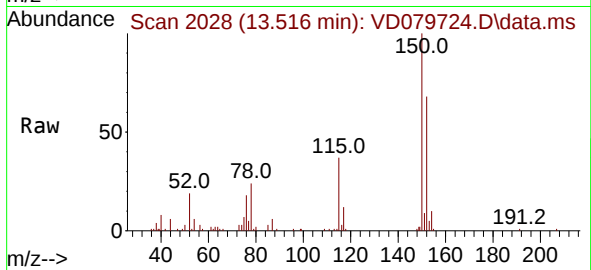
Tgt Ion:	117	Resp:	126753
Ion	Ratio	Lower	Upper
117	100		
82	50.2	39.8	59.6
119	30.5	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079724.D
 Acq: 13 Aug 2024 18:27

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-GRABRE



Tgt Ion:	152	Resp:	24967
Ion	Ratio	Lower	Upper
152	100		
115	56.9	26.5	79.5
150	158.1	0.0	341.6

