

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079789.D
 Acq On : 05 Sep 2024 16:58
 Operator : RP/MD
 Sample : P3838-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-0902424

Quant Time: Sep 06 01:38:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

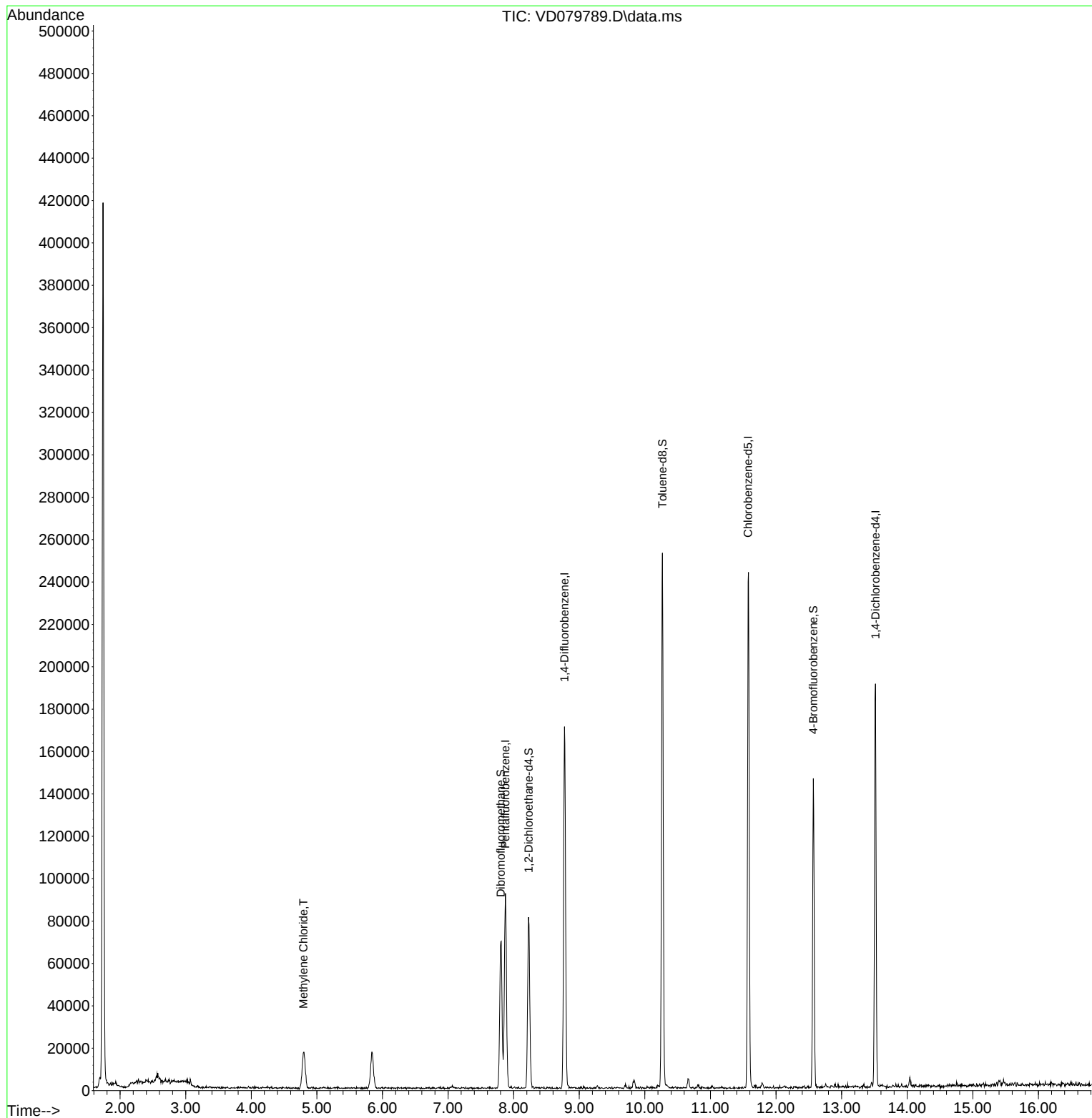
Internal Standards						
1) Pentafluorobenzene	7.875	168	61831	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	148599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	134463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	48259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63643	75.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.980%
35) Dibromofluoromethane	7.804	113	51358	53.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.340%
50) Toluene-d8	10.269	98	177201	42.777	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.560%
62) 4-Bromofluorobenzene	12.569	95	44729	38.590	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	77.180%
Target Compounds						
20) Methylene Chloride	4.793	84	13898	11.195	ug/l	# 82

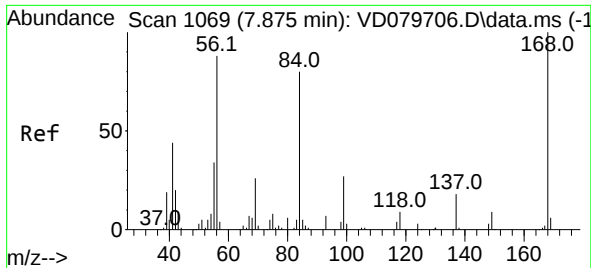
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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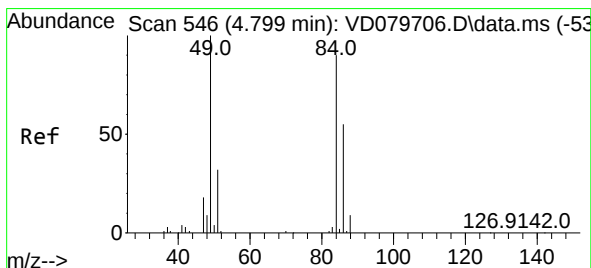
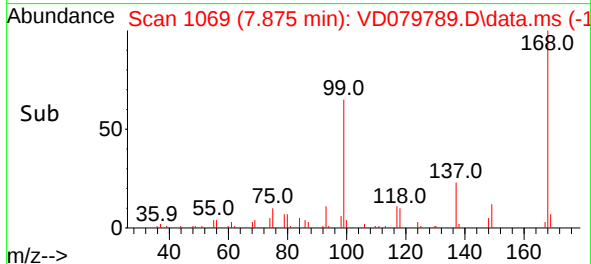
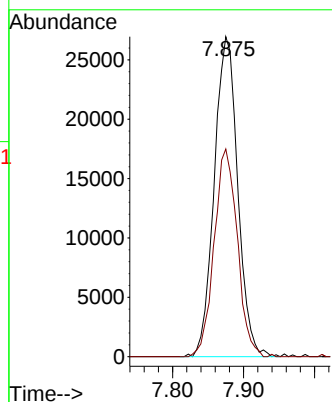
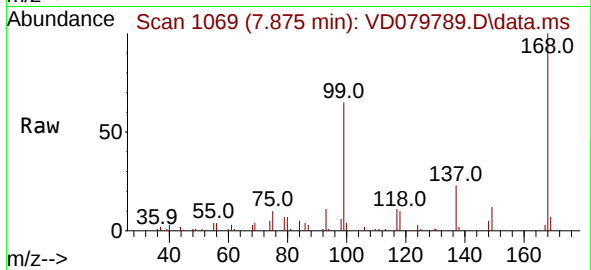




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079789.D
Acq: 05 Sep 2024 16:58

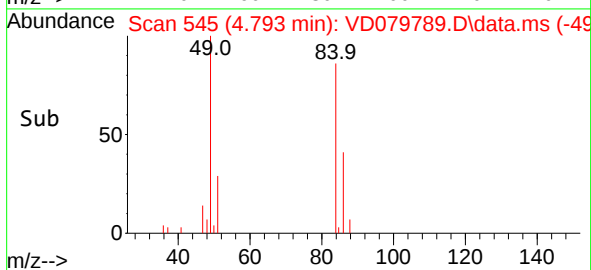
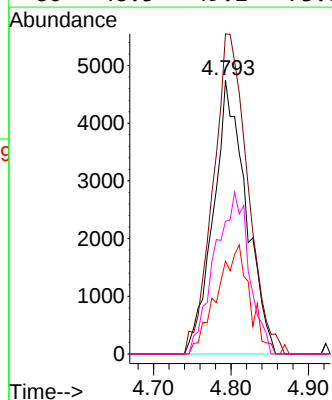
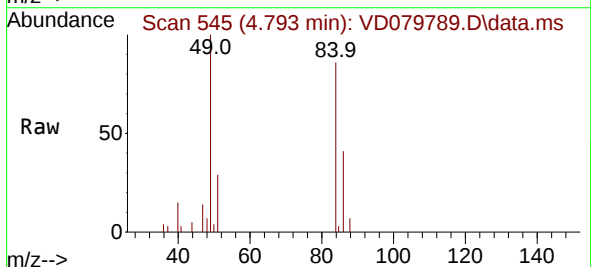
Instrument :
MSVOA_D
ClientSampleId :
OK-01-0902424

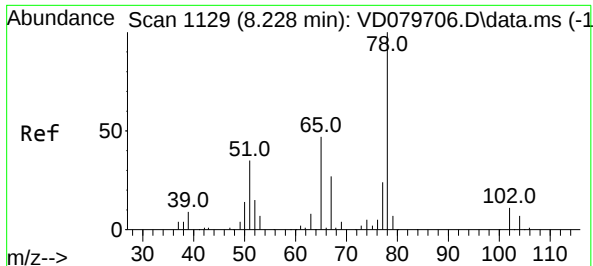
Tgt Ion:168 Resp: 61831
Ion Ratio Lower Upper
168 100
99 64.9 41.1 61.7#



#20
Methylene Chloride
Concen: 11.195 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079789.D
Acq: 05 Sep 2024 16:58

Tgt Ion: 84 Resp: 13898
Ion Ratio Lower Upper
84 100
49 116.9 75.6 113.4#
51 33.9 24.2 36.2
86 48.5 49.2 73.8#





#33

1,2-Dichloroethane-d4

Concen: 75.491 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079789.D

Acq: 05 Sep 2024 16:58

Instrument :

MSVOA_D

ClientSampleId :

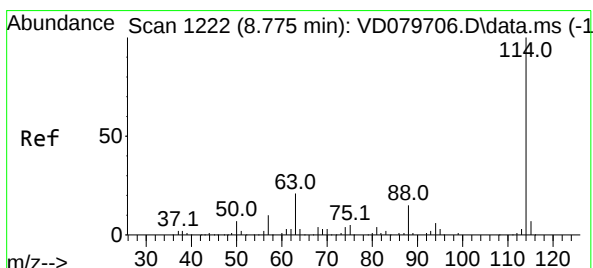
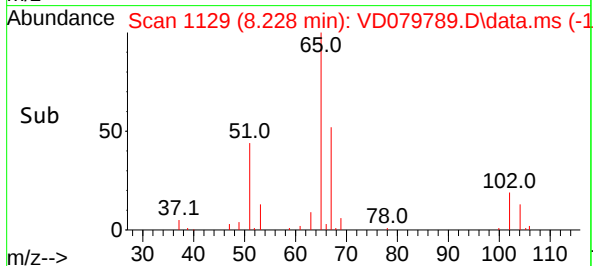
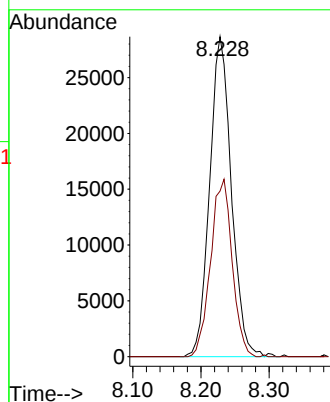
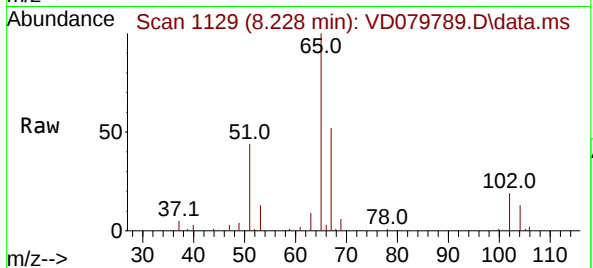
OK-01-0902424

Tgt Ion: 65 Resp: 63643

Ion Ratio Lower Upper

65 100

67 54.9 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: VD079789.D

Acq: 05 Sep 2024 16:58

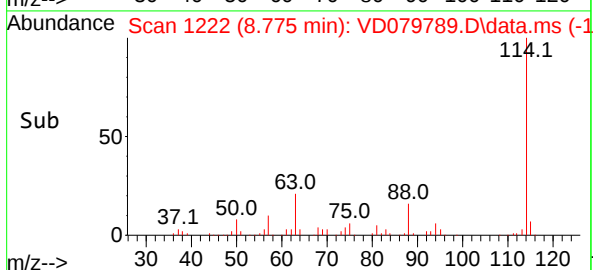
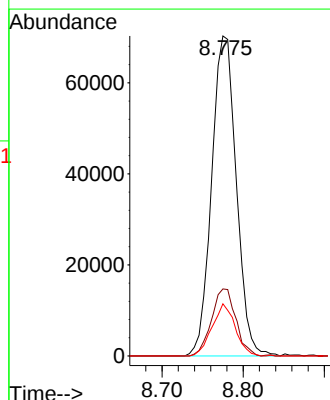
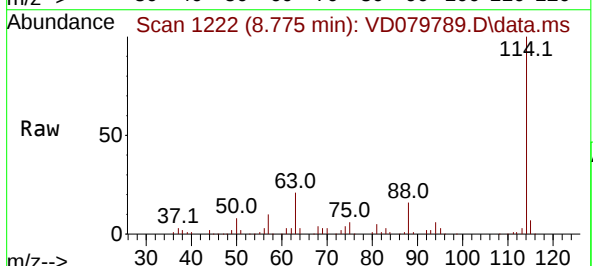
Tgt Ion: 114 Resp: 148599

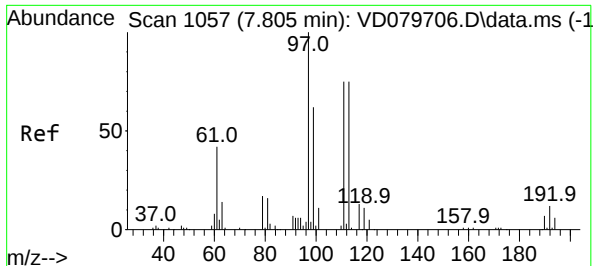
Ion Ratio Lower Upper

114 100

63 20.9 0.0 34.0

88 16.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.172 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD079789.D

Acq: 05 Sep 2024 16:58

Instrument :

MSVOA_D

ClientSampleId :

OK-01-0902424

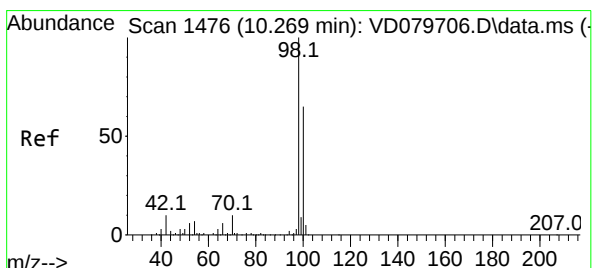
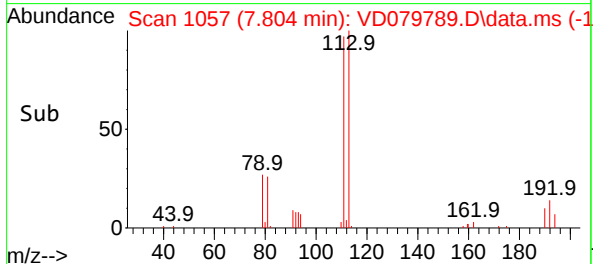
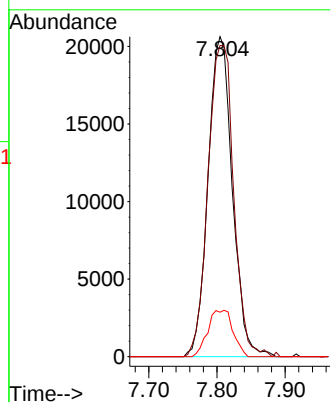
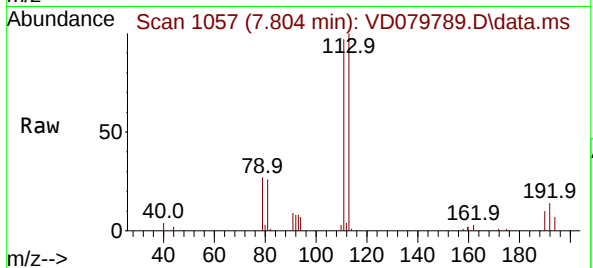
Tgt Ion:113 Resp: 51358

Ion Ratio Lower Upper

113 100

111 102.5 84.0 126.0

192 15.0 15.4 23.0#



#50

Toluene-d8

Concen: 42.777 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079789.D

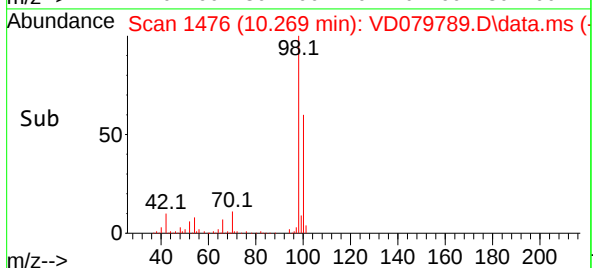
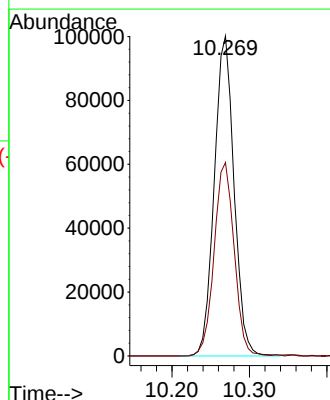
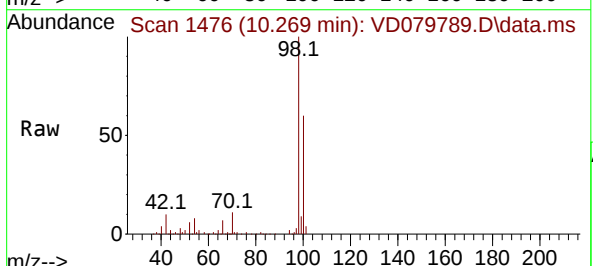
Acq: 05 Sep 2024 16:58

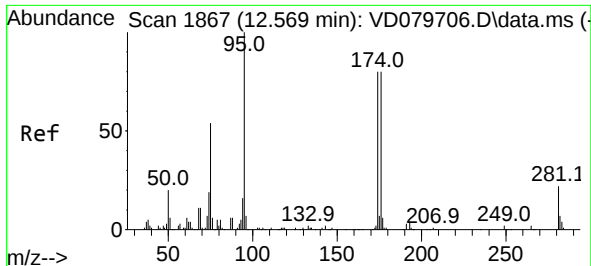
Tgt Ion: 98 Resp: 177201

Ion Ratio Lower Upper

98 100

100 61.3 51.6 77.4

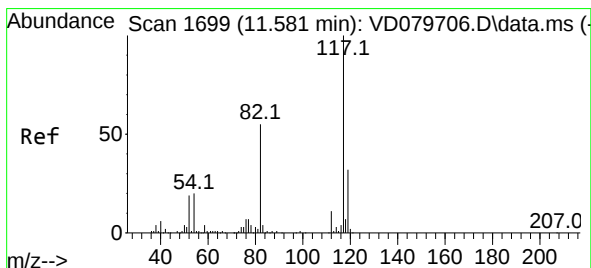
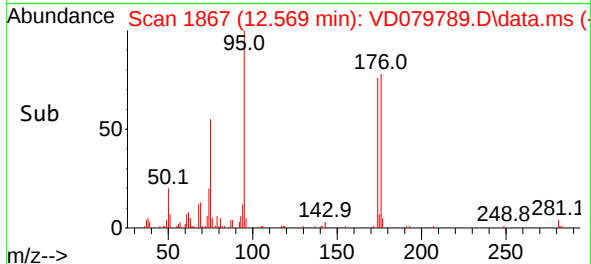
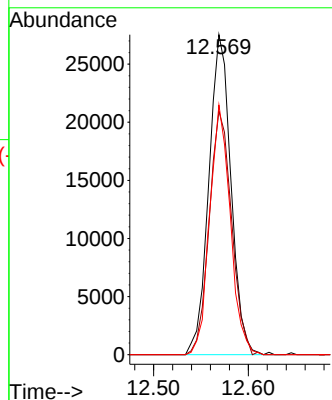
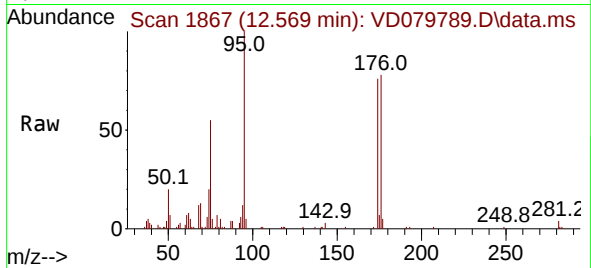




#62
4-Bromofluorobenzene
Concen: 38.590 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079789.D
Acq: 05 Sep 2024 16:58

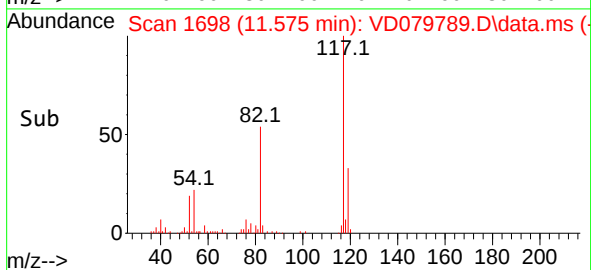
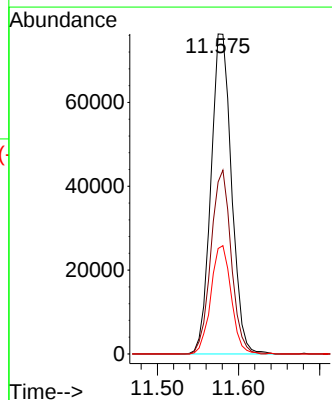
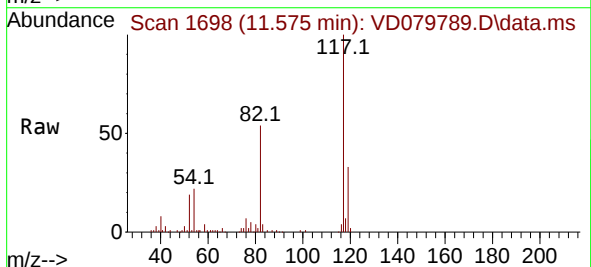
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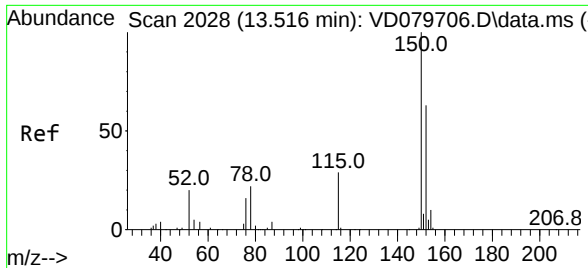
Tgt Ion:	95	Resp:	44729
Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	195.4
176	72.9	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD079789.D
Acq: 05 Sep 2024 16:58

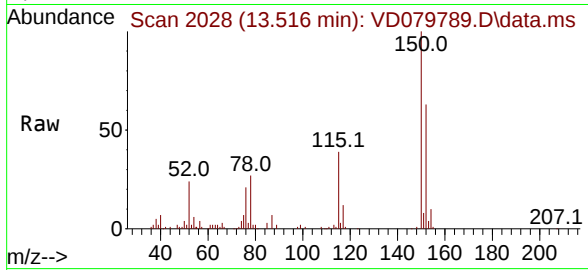
Tgt Ion:	117	Resp:	134463
Ion	Ratio	Lower	Upper
117	100		
82	53.8	39.8	59.6
119	32.9	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079789.D
 Acq: 05 Sep 2024 16:58

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-0902424



Tgt Ion:	152	Resp:	48259
Ion Ratio	Lower	Upper	
152	100		
115	62.3	26.5	79.5
150	157.6	0.0	341.6

