

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079493.D
 Acq On : 31 Jul 2024 13:38
 Operator : RP/MD
 Sample : P3372-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-07252024

Quant Time: Jul 31 16:02:16 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)

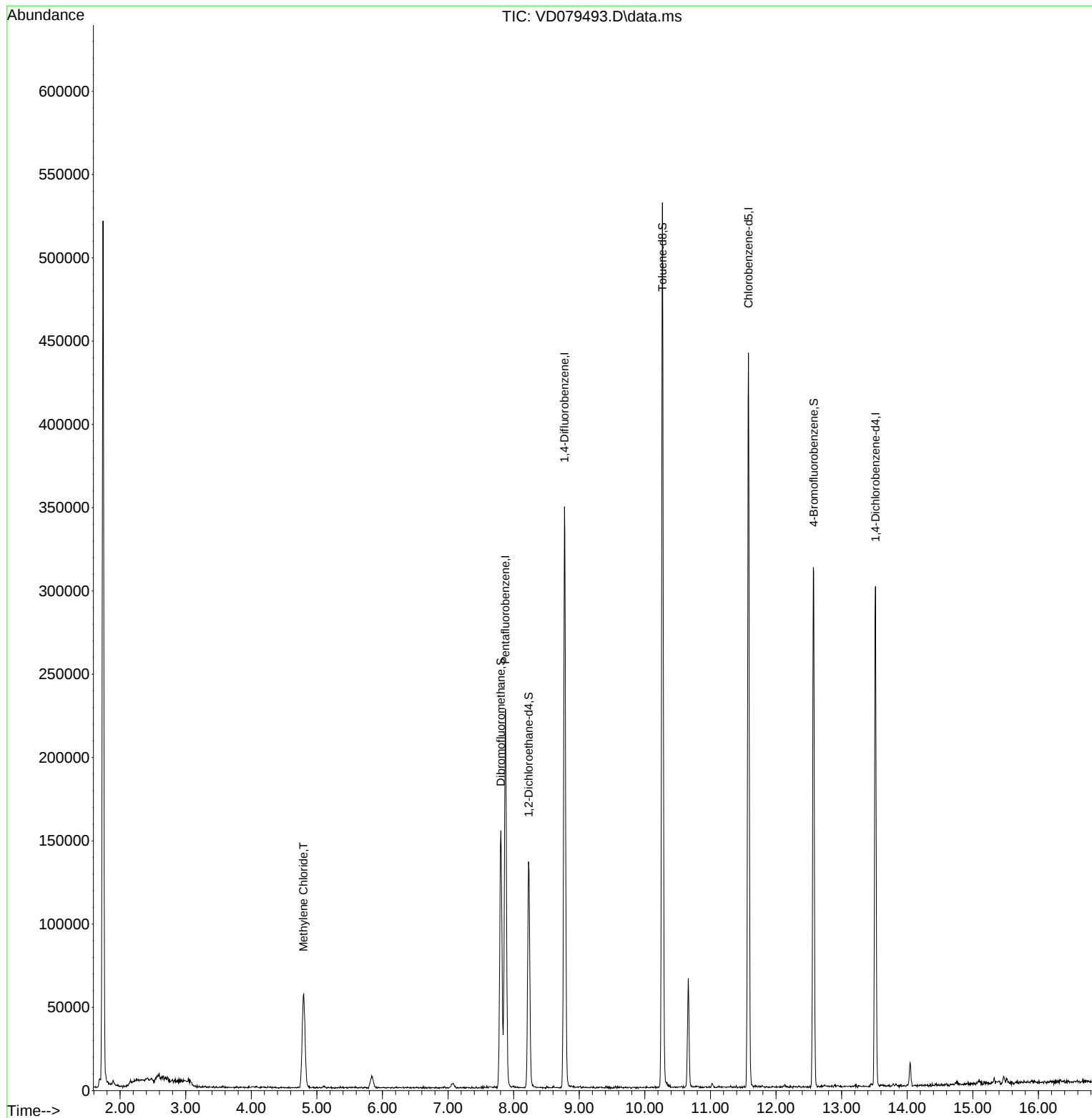
Internal Standards						
1) Pentafluorobenzene	7.875	168	179028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	318489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	265066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	85748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105463	57.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.980%
35) Dibromofluoromethane	7.804	113	111988	51.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.900%
50) Toluene-d8	10.269	98	367686	43.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.840%
62) 4-Bromofluorobenzene	12.575	95	86193	35.580	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.160%
Target Compounds						
20) Methylene Chloride	4.793	84	45165	2.117	ug/l	93

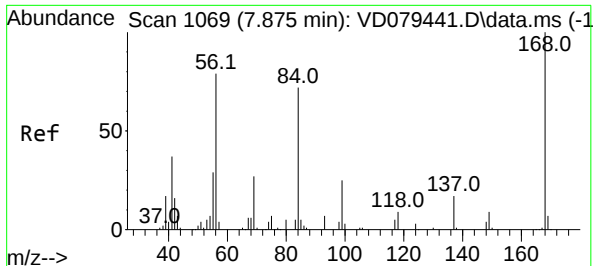
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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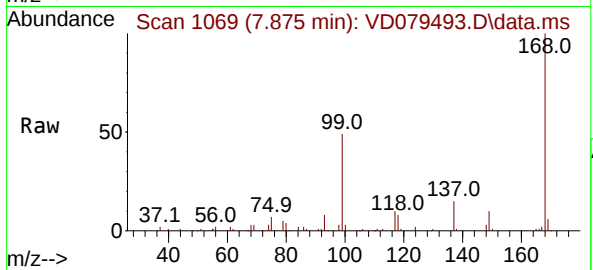
Quant Time: Jul 31 16:02:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
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Response via : Initial Calibration



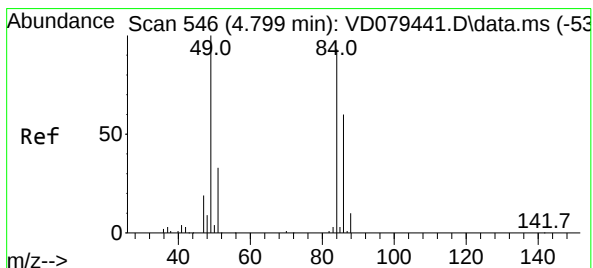
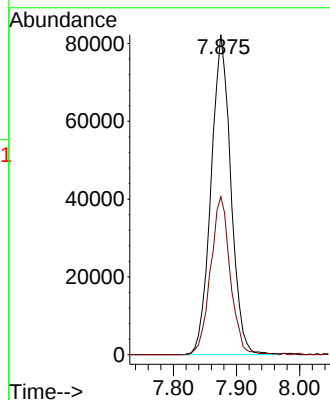
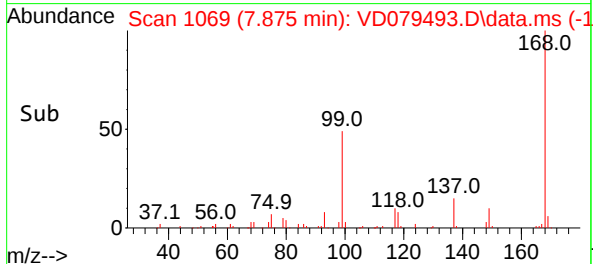


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079493.D
Acq: 31 Jul 2024 13:38

Instrument :
MSVOA_D
ClientSampleId :
OR-03-07252024

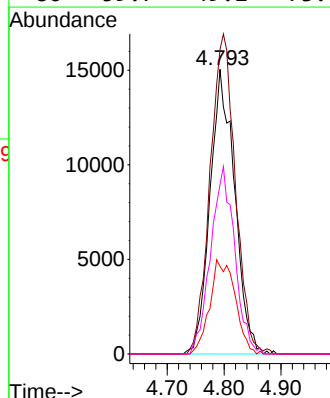
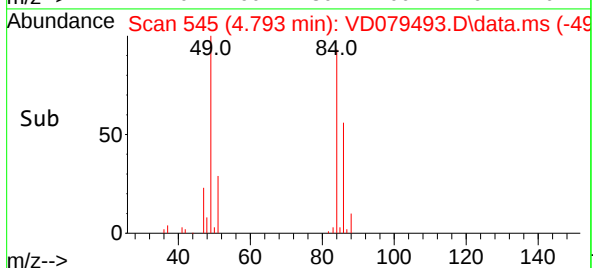
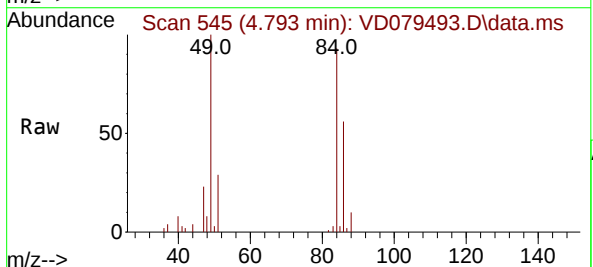


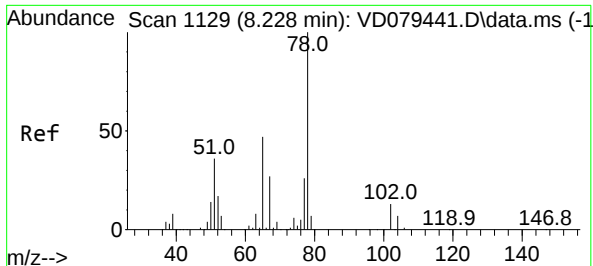
Tgt Ion:168 Resp: 179028
Ion Ratio Lower Upper
168 100
99 49.4 41.1 61.7



#20
Methylene Chloride
Concen: 2.117 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079493.D
Acq: 31 Jul 2024 13:38

Tgt Ion: 84 Resp: 45165
Ion Ratio Lower Upper
84 100
49 107.0 75.6 113.4
51 30.7 24.2 36.2
86 59.7 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 57.986 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079493.D

Acq: 31 Jul 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

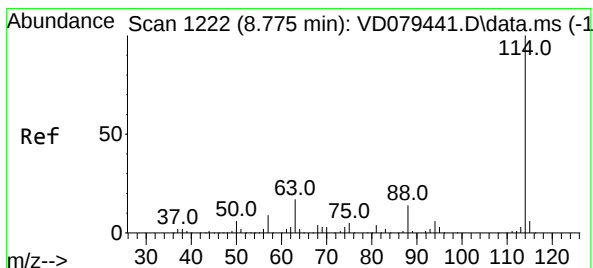
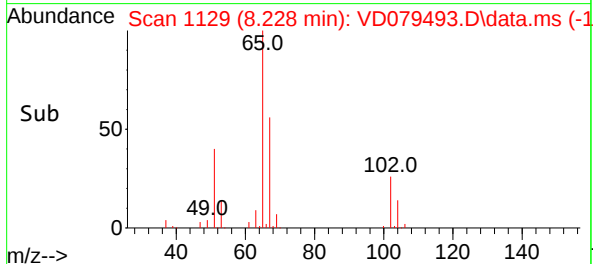
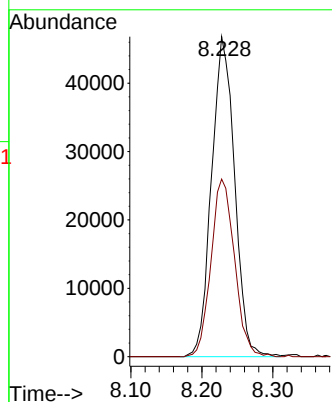
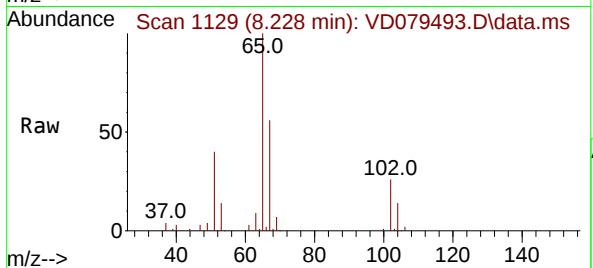
OR-03-07252024

Tgt Ion: 65 Resp: 105463

Ion Ratio Lower Upper

65 100

67 56.6 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: VD079493.D

Acq: 31 Jul 2024 13:38

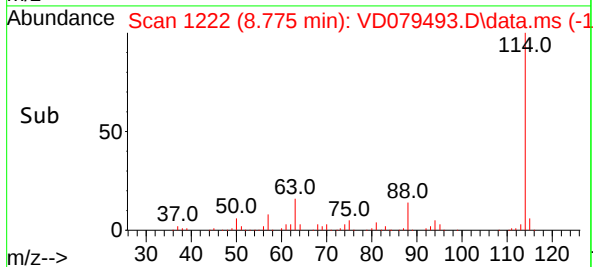
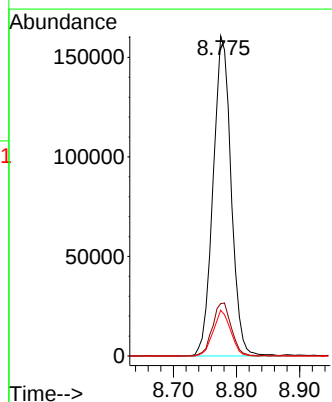
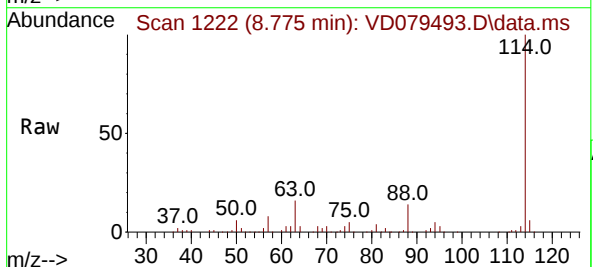
Tgt Ion: 114 Resp: 318489

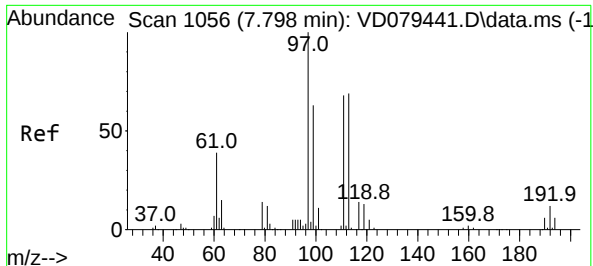
Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.0

88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.950 ug/l

RT: 7.804 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD079493.D

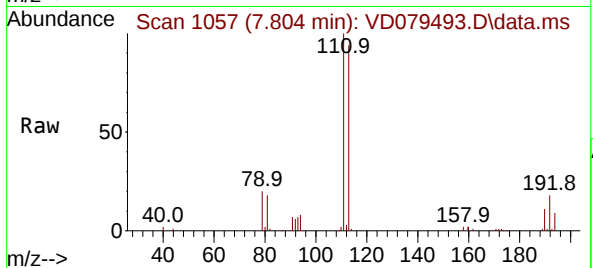
Acq: 31 Jul 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

OR-03-07252024



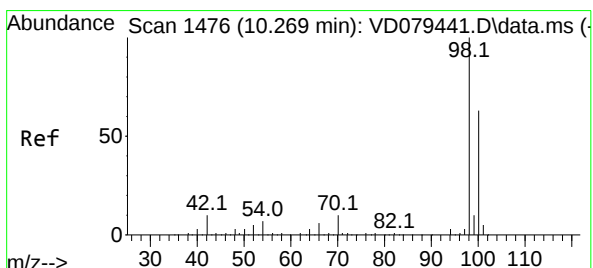
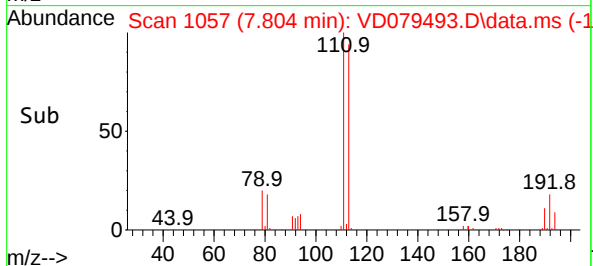
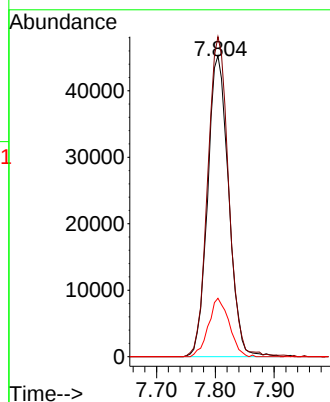
Tgt Ion:113 Resp: 111988

Ion Ratio Lower Upper

113 100

111 106.4 84.0 126.0

192 19.2 15.4 23.0



#50

Toluene-d8

Concen: 43.922 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079493.D

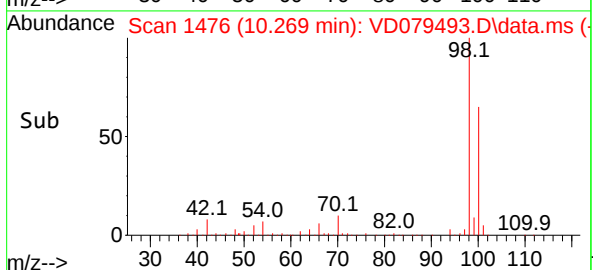
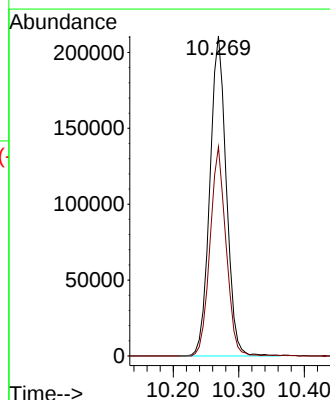
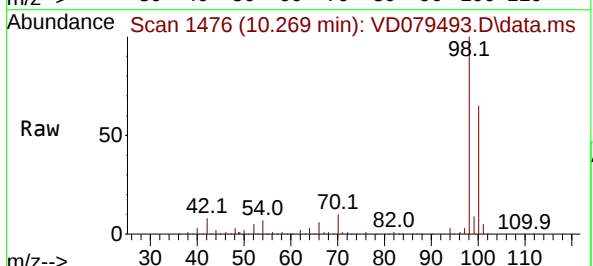
Acq: 31 Jul 2024 13:38

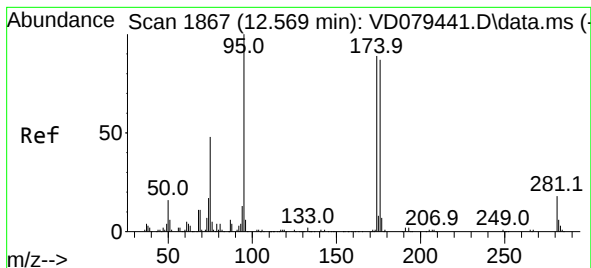
Tgt Ion: 98 Resp: 367686

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4

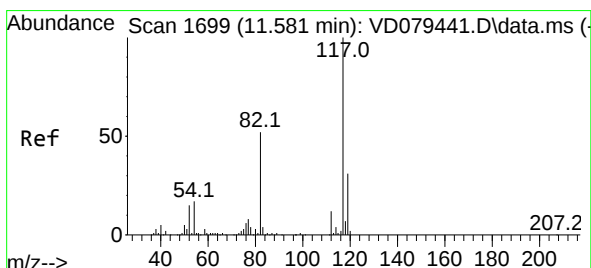
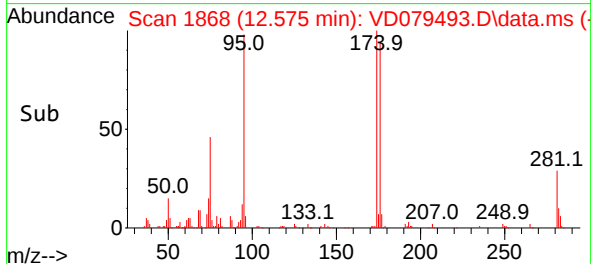
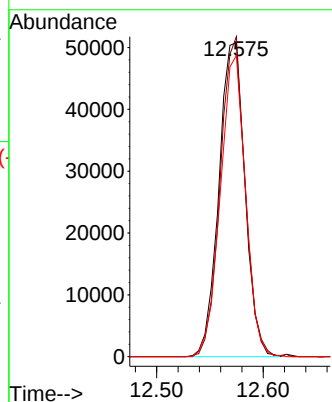
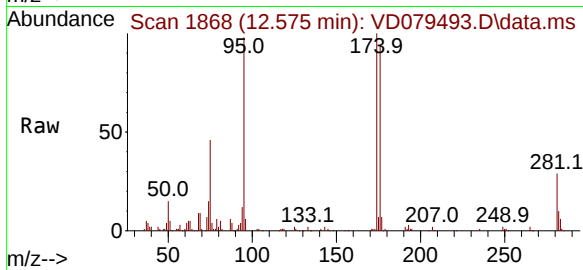




#62
4-Bromofluorobenzene
Concen: 35.580 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079493.D
Acq: 31 Jul 2024 13:38

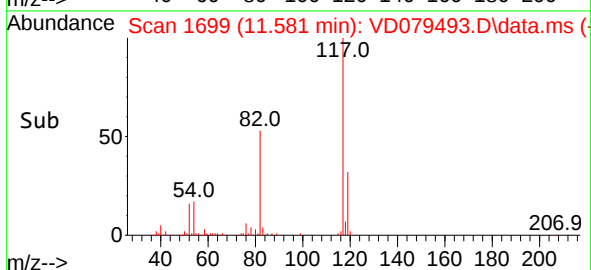
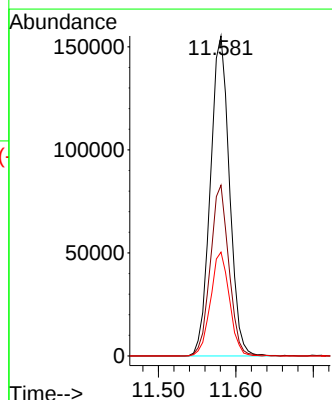
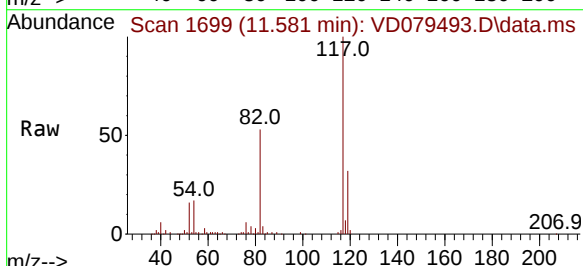
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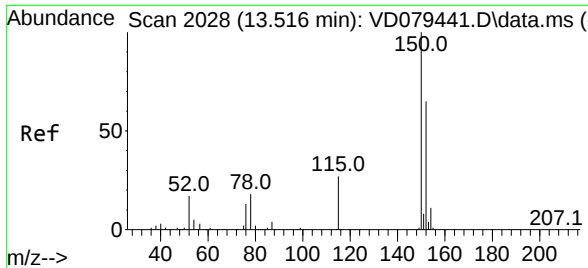
Tgt Ion:	95	Resp:	86193
Ion Ratio	Lower	Upper	
95	100		
174	97.3	0.0	195.4
176	92.7	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079493.D
Acq: 31 Jul 2024 13:38

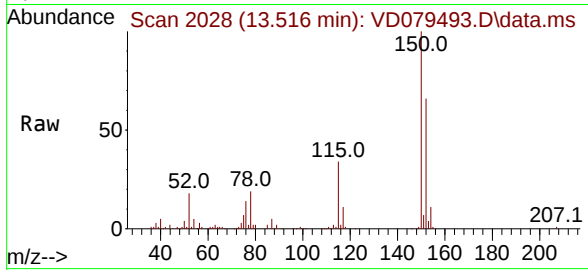
Tgt Ion:	117	Resp:	265066
Ion Ratio	Lower	Upper	
117	100		
82	53.3	39.8	59.6
119	32.5	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079493.D
 Acq: 31 Jul 2024 13:38

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-07252024



Tgt Ion:	152	Resp:	85748
Ion	Ratio	Lower	Upper
152	100		
115	53.2	26.5	79.5
150	159.4	0.0	341.6

