

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079325.D
 Acq On : 02 Jul 2024 18:05
 Operator : RP/MD
 Sample : P3148-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-070224

Quant Time: Jul 03 01:25:27 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)

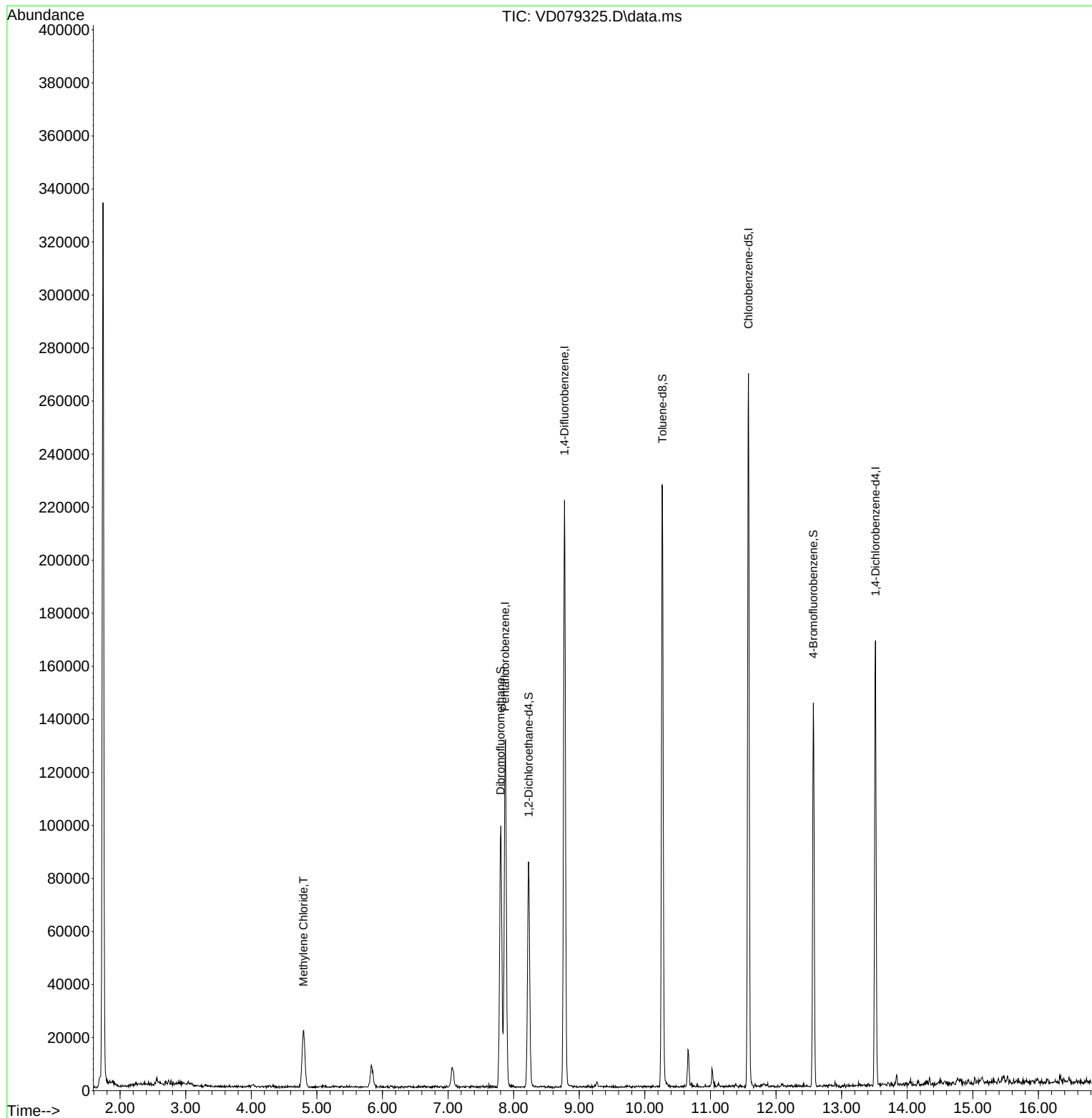
Internal Standards						
1) Pentafluorobenzene	7.869	168	92450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	155084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	42899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65963	75.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.020%
35) Dibromofluoromethane	7.798	113	71221	54.810	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.620%
50) Toluene-d8	10.269	98	165014	35.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.600%
62) 4-Bromofluorobenzene	12.569	95	48801	32.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.120%
Target Compounds						
20) Methylene Chloride	4.793	84	17108	6.505	ug/l	Qvalue # 80

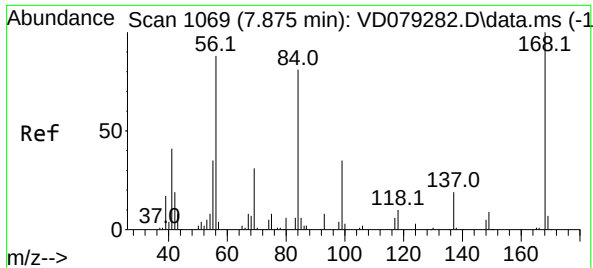
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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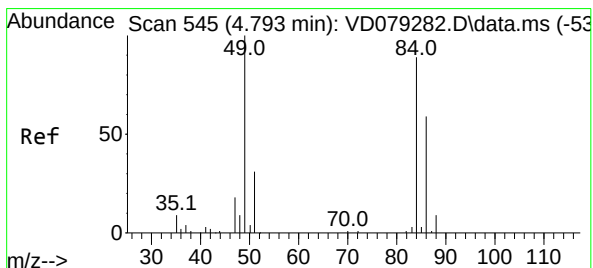
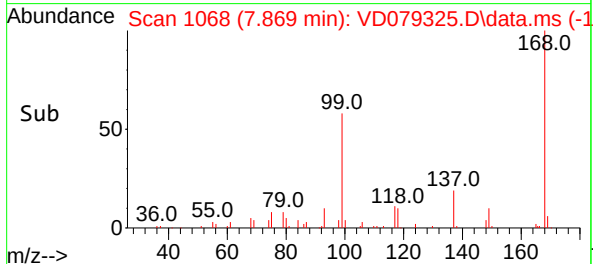
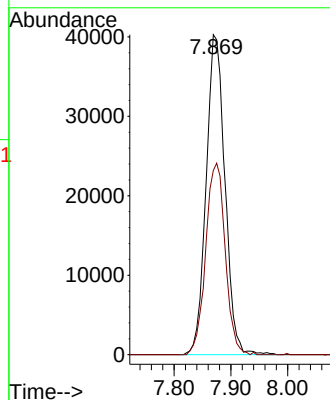
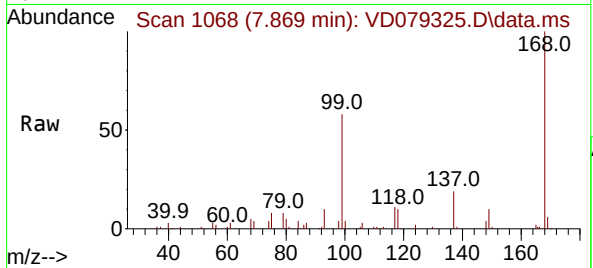




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079325.D
Acq: 02 Jul 2024 18:05

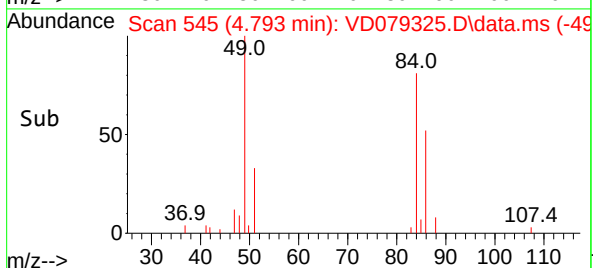
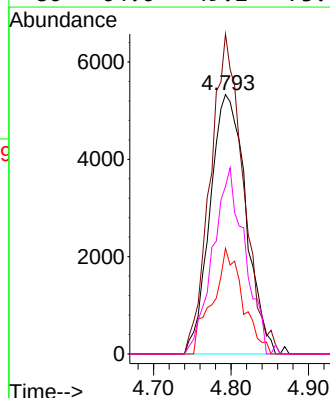
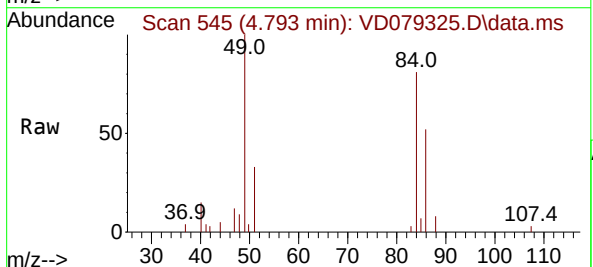
Instrument :
MSVOA_D
ClientSampleId :
EO-02-070224

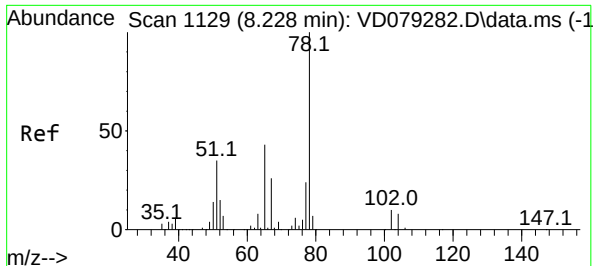
Tgt Ion:168 Resp: 92450
Ion Ratio Lower Upper
168 100
99 57.6 41.1 61.7



#20
Methylene Chloride
Concen: 6.505 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079325.D
Acq: 02 Jul 2024 18:05

Tgt Ion: 84 Resp: 17108
Ion Ratio Lower Upper
84 100
49 123.4 75.6 113.4#
51 40.7 24.2 36.2#
86 64.6 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 75.008 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079325.D

Acq: 02 Jul 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :

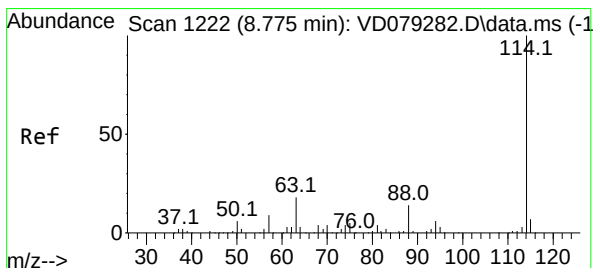
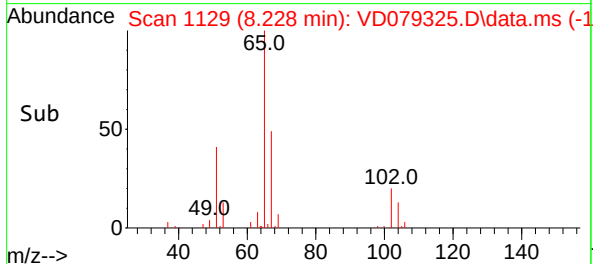
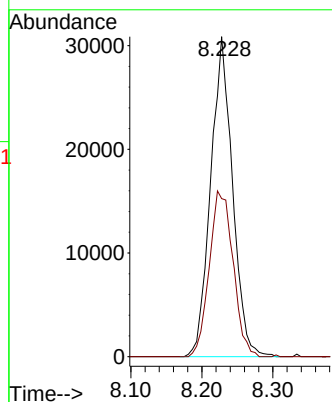
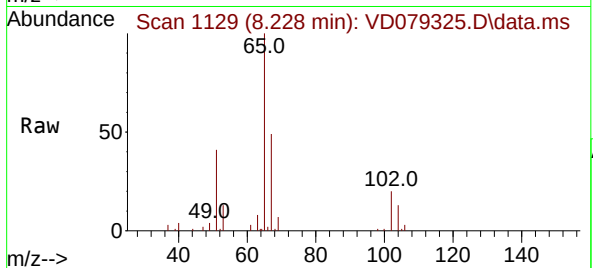
EO-02-070224

Tgt Ion: 65 Resp: 65963

Ion Ratio Lower Upper

65 100

67 56.3 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: VD079325.D

Acq: 02 Jul 2024 18:05

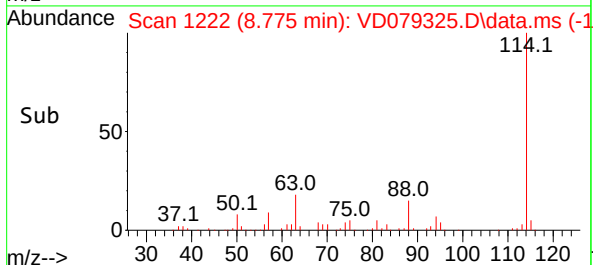
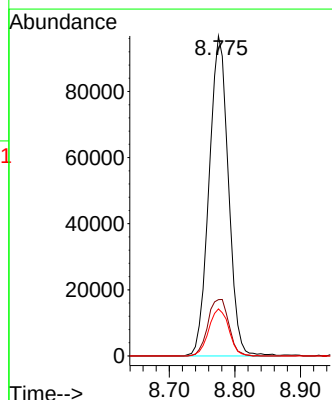
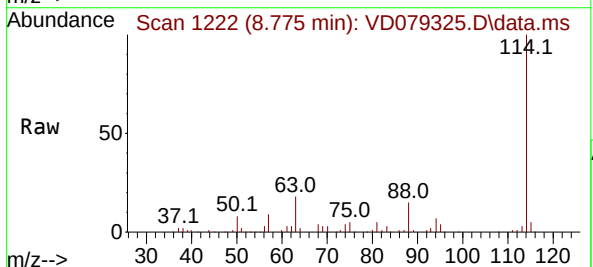
Tgt Ion: 114 Resp: 197963

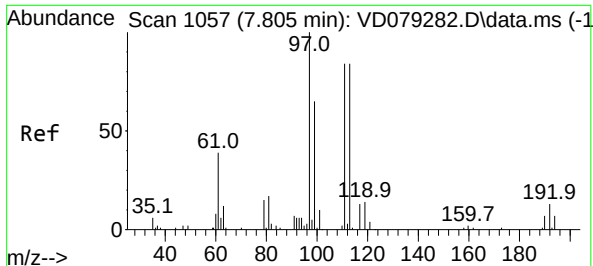
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

88 14.7 0.0 27.2

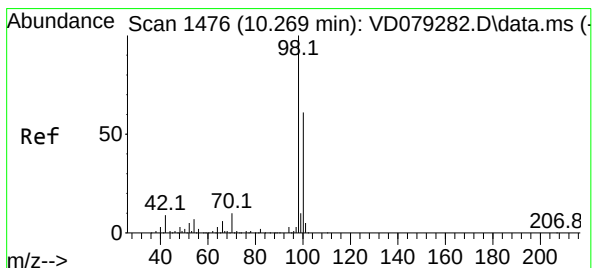
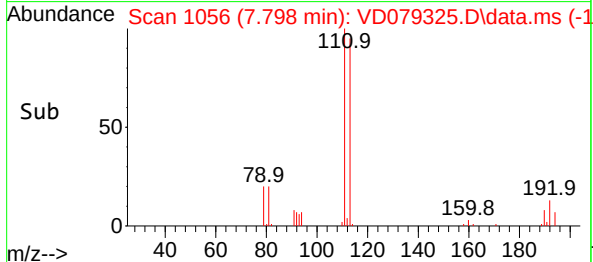
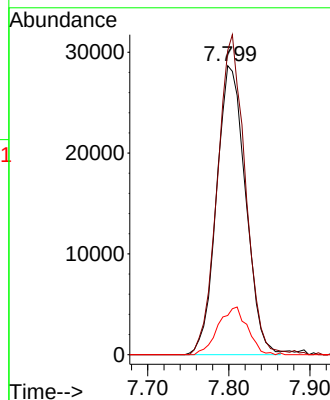
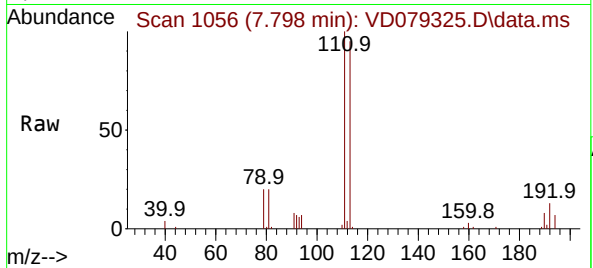




#35
 Dibromofluoromethane
 Concen: 54.810 ug/l
 RT: 7.798 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD079325.D
 Acq: 02 Jul 2024 18:05

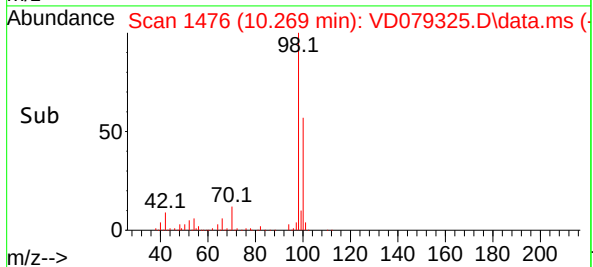
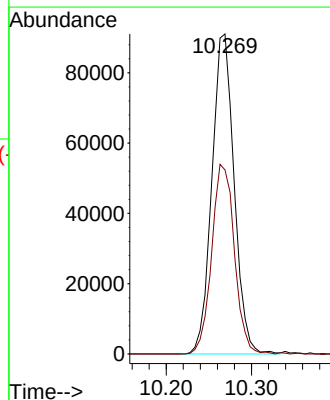
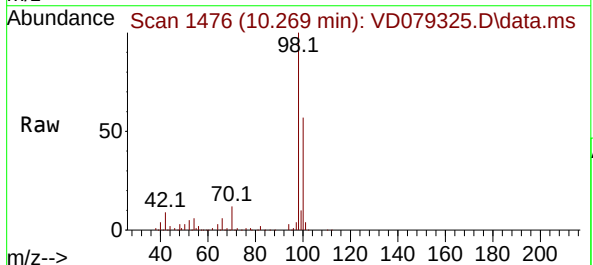
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-070224

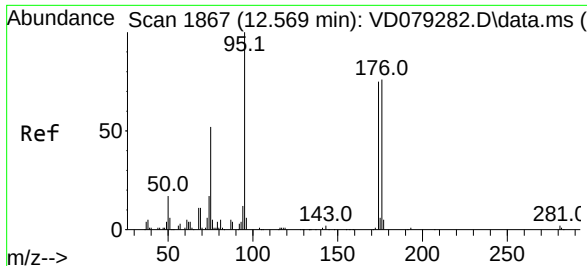
Tgt Ion:	113	Resp:	71221
Ion	Ratio	Lower	Upper
113	100		
111	106.6	84.0	126.0
192	16.7	15.4	23.0



#50
 Toluene-d8
 Concen: 35.300 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD079325.D
 Acq: 02 Jul 2024 18:05

Tgt Ion:	98	Resp:	165014
Ion	Ratio	Lower	Upper
98	100		
100	60.4	51.6	77.4

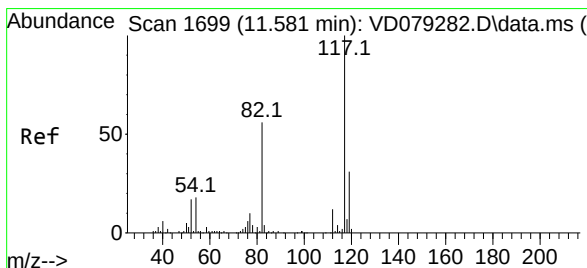
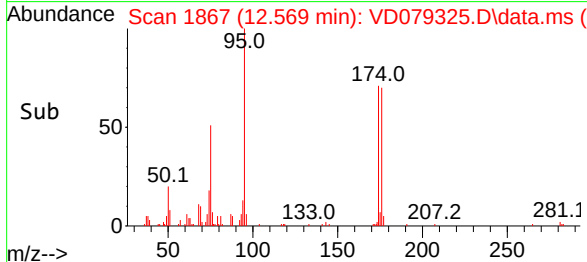
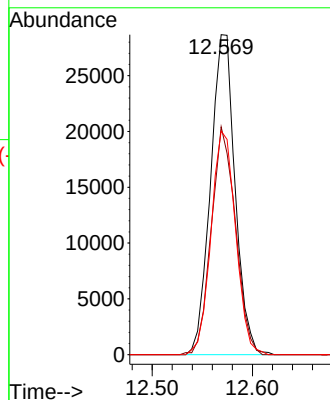
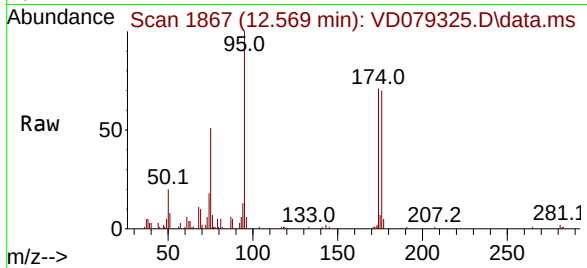




#62
4-Bromofluorobenzene
Concen: 32.555 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079325.D
Acq: 02 Jul 2024 18:05

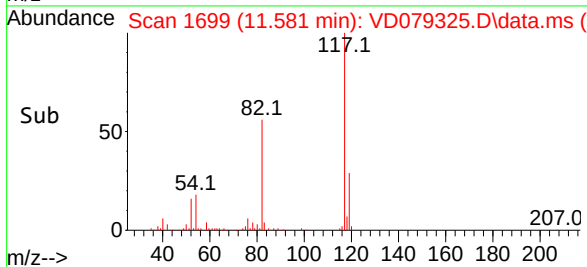
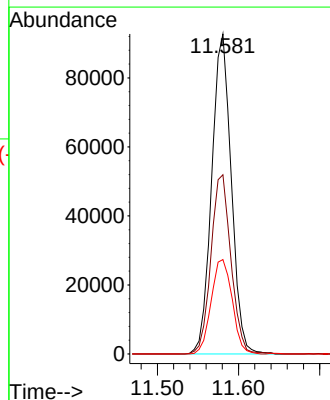
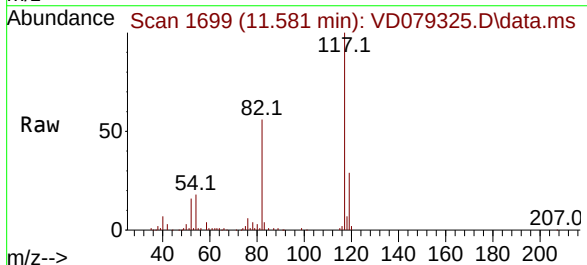
Instrument :
MSVOA_D
ClientSampleId :
EO-02-070224

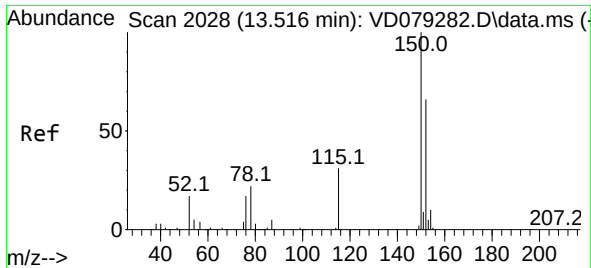
Tgt Ion:	95	Resp:	48801
Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	195.4
176	69.9	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079325.D
Acq: 02 Jul 2024 18:05

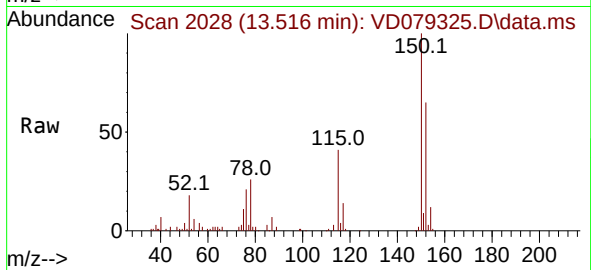
Tgt Ion:	117	Resp:	155084
Ion	Ratio	Lower	Upper
117	100		
82	56.0	39.8	59.6
119	29.5	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079325.D
 Acq: 02 Jul 2024 18:05

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-070224



Tgt Ion:152 Resp: 42899
 Ion Ratio Lower Upper
 152 100
 115 62.5 26.5 79.5
 150 160.4 0.0 341.6

