

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070324\
 Data File : VD079332.D
 Acq On : 03 Jul 2024 13:43
 Operator : RP/MD
 Sample : P3148-01RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-070224RE

Quant Time: Jul 04 06:22:57 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)

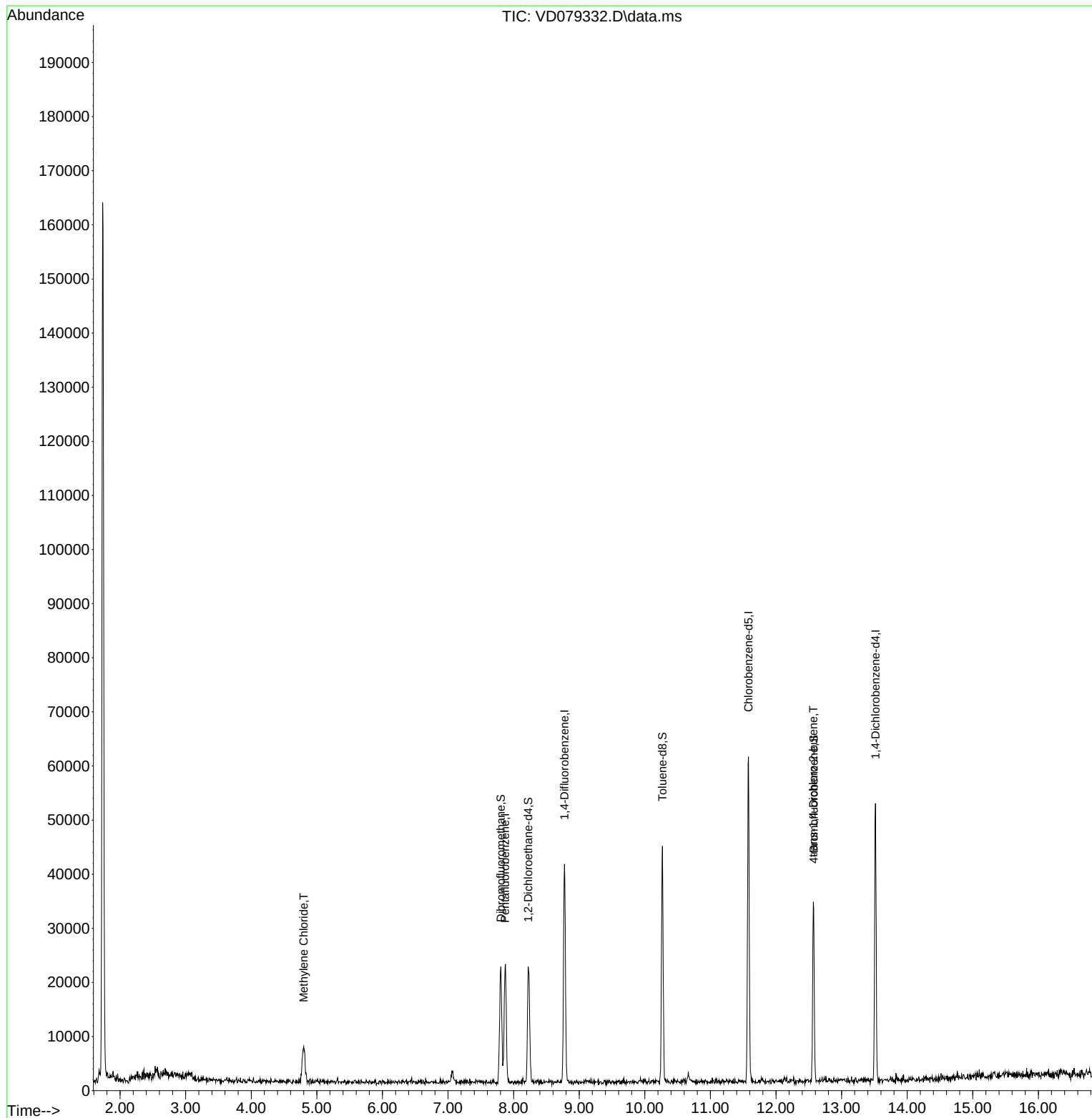
Internal Standards						
1) Pentafluorobenzene	7.869	168	16091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	36449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	35309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	13823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	17991	120.069	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 240.140%#	
35) Dibromofluoromethane	7.805	113	15468	64.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.300%	
50) Toluene-d8	10.269	98	30553	35.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 71.000%	
62) 4-Bromofluorobenzene	12.575	95	11694	42.370	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.740%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	5679	18.063	ug/l #	91
81) trans-1,4-Dichloro-2-b...	12.569	75	5837	78.298	ug/l #	19

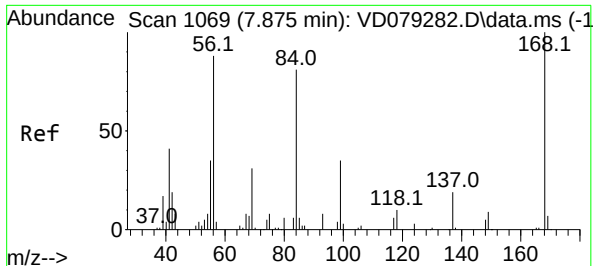
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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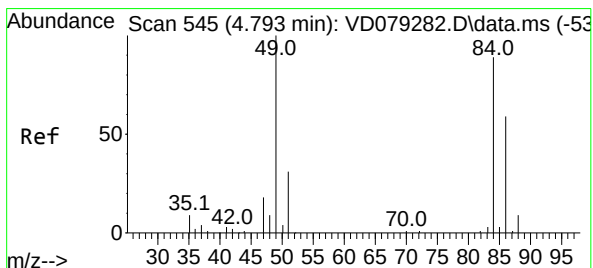
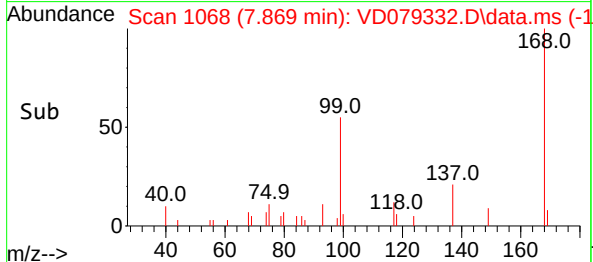
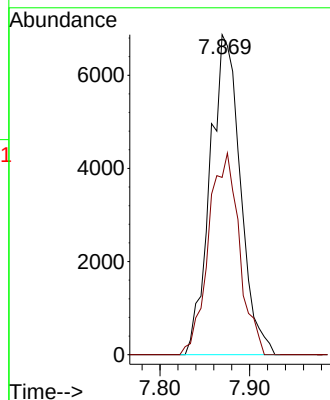
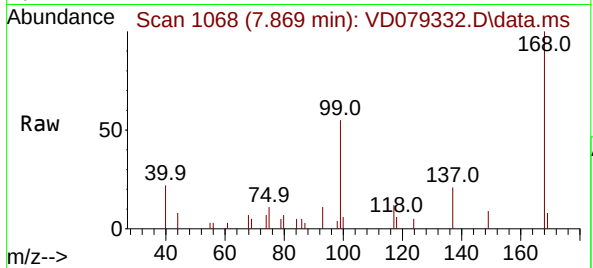




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

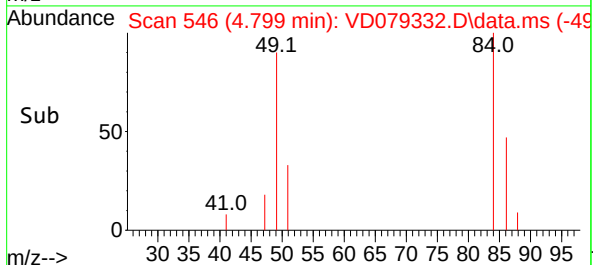
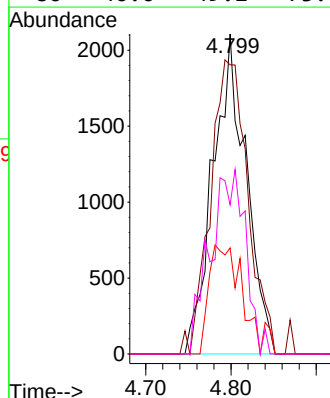
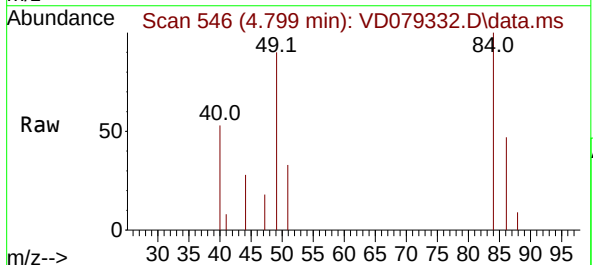
Instrument :
MSVOA_D
ClientSampleId :
EO-02-070224RE

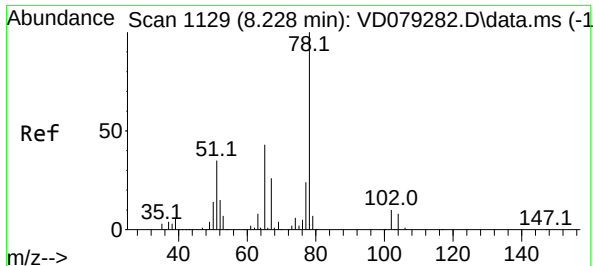
Tgt Ion:168 Resp: 16091
Ion Ratio Lower Upper
168 100
99 55.4 41.1 61.7



#20
Methylene Chloride
Concen: 18.063 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

Tgt Ion: 84 Resp: 5679
Ion Ratio Lower Upper
84 100
49 90.4 75.6 113.4
51 33.2 24.2 36.2
86 46.6 49.2 73.8#





#33

1,2-Dichloroethane-d4

Concen: 120.069 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD079332.D

Acq: 03 Jul 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

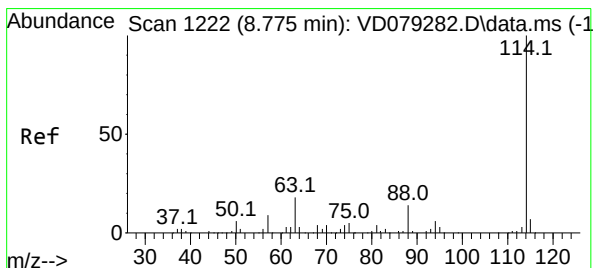
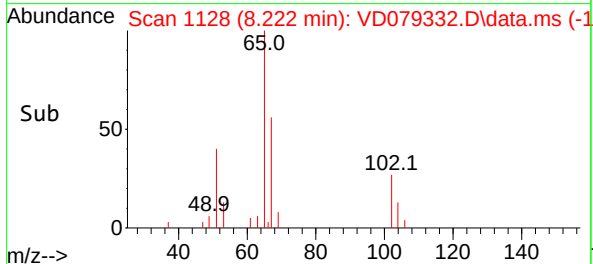
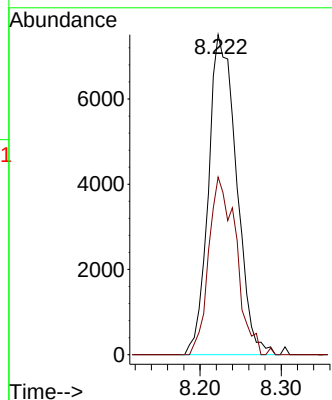
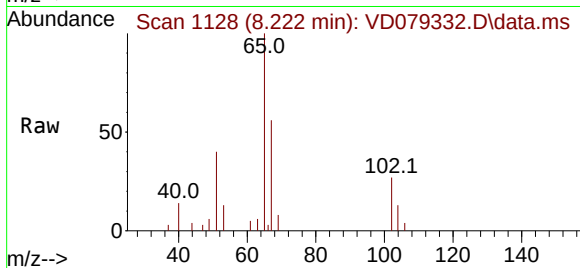
EO-02-070224RE

Tgt Ion: 65 Resp: 17991

Ion Ratio Lower Upper

65 100

67 54.1 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: VD079332.D

Acq: 03 Jul 2024 13:43

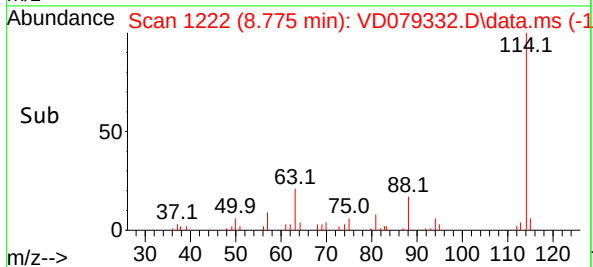
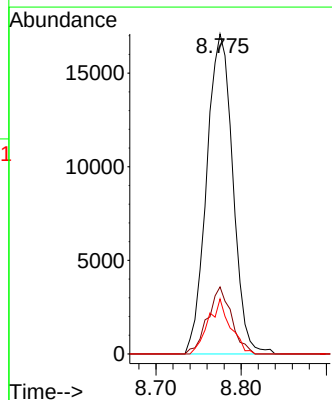
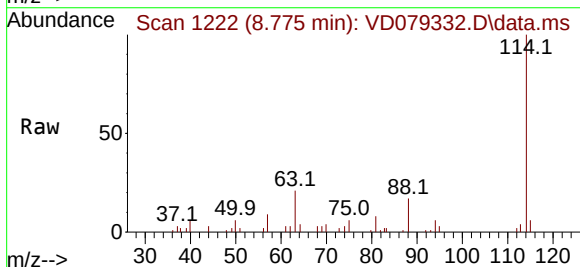
Tgt Ion: 114 Resp: 36449

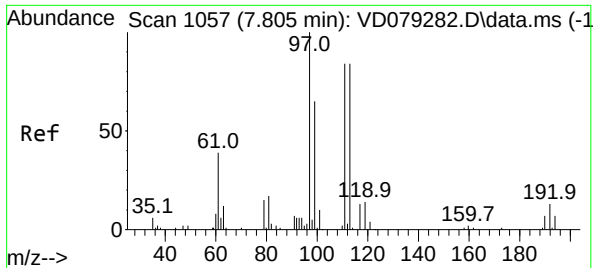
Ion Ratio Lower Upper

114 100

63 21.0 0.0 34.0

88 17.2 0.0 27.2

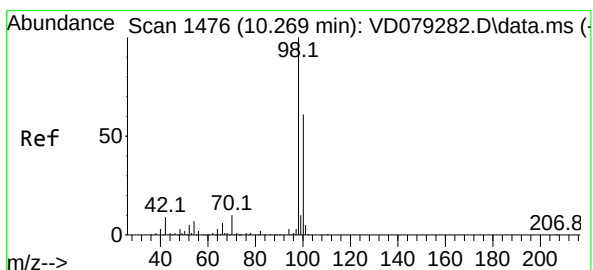
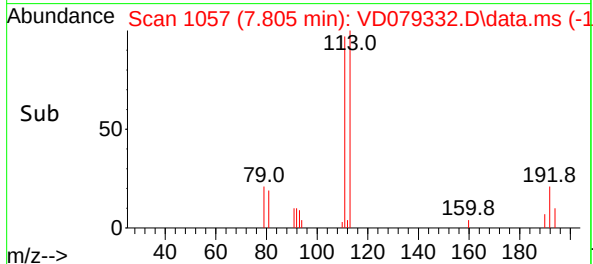
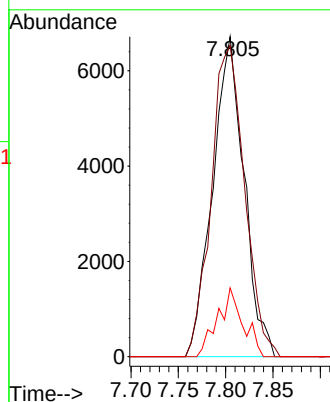
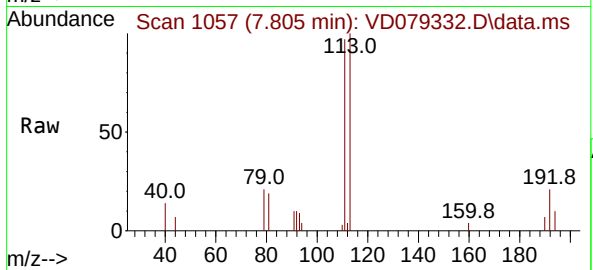




#35
Dibromofluoromethane
Concen: 64.652 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

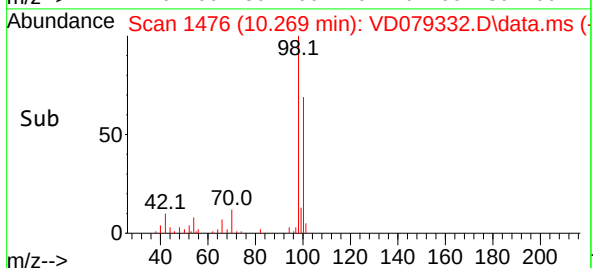
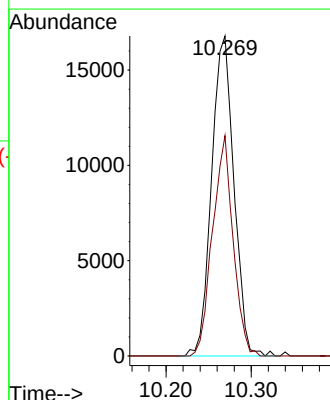
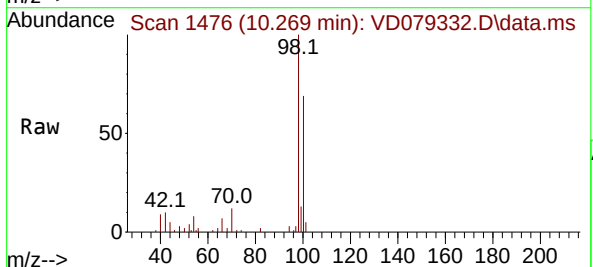
Instrument :
MSVOA_D
ClientSampleId :
EO-02-070224RE

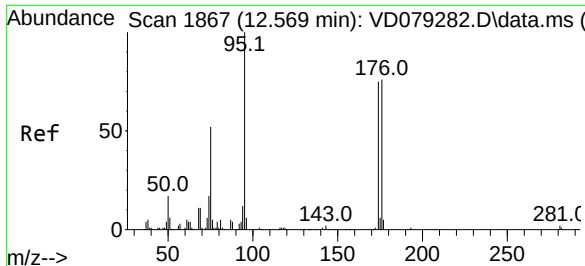
Tgt Ion:113 Resp: 15468
Ion Ratio Lower Upper
113 100
111 103.5 84.0 126.0
192 17.4 15.4 23.0



#50
Toluene-d8
Concen: 35.498 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

Tgt Ion: 98 Resp: 30553
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

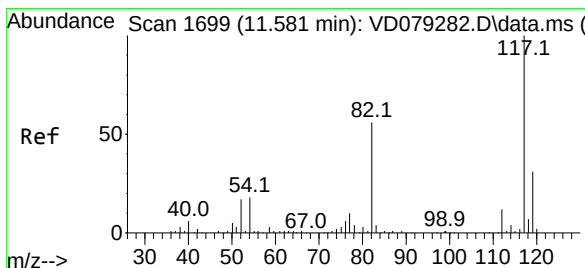
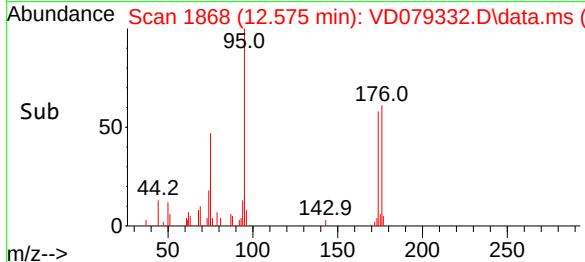
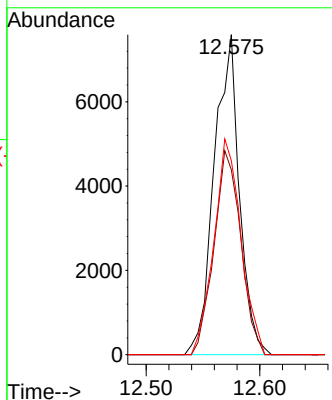
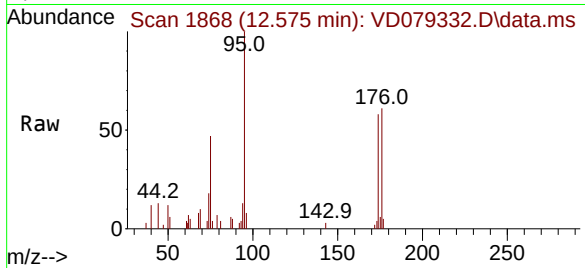




#62
4-Bromofluorobenzene
Concen: 42.370 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

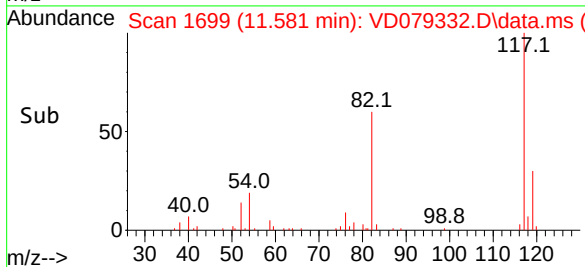
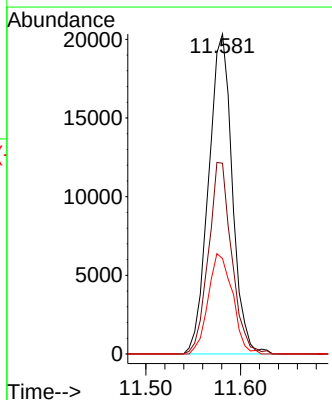
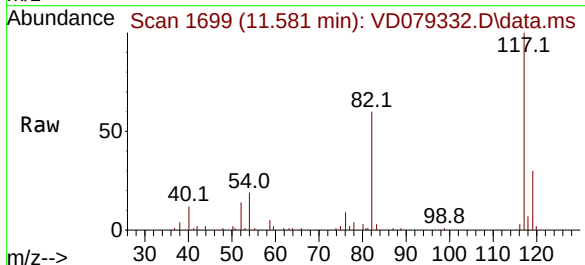
Instrument :
MSVOA_D
ClientSampleId :
EO-02-070224RE

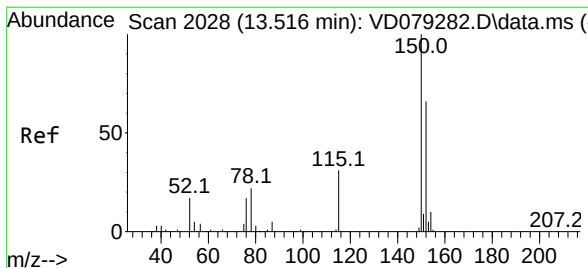
Tgt Ion:	95	Resp:	11694
Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	195.4
176	72.5	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

Tgt Ion:	117	Resp:	35309
Ion	Ratio	Lower	Upper
117	100		
82	59.6	39.8	59.6
119	29.8	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: VD079332.D

Acq: 03 Jul 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

EO-02-070224RE

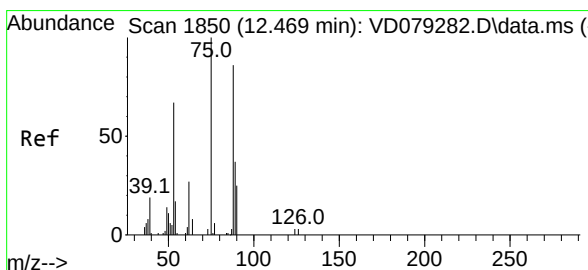
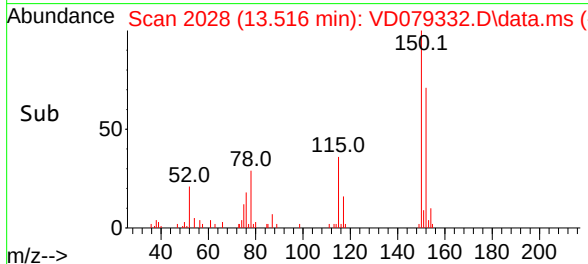
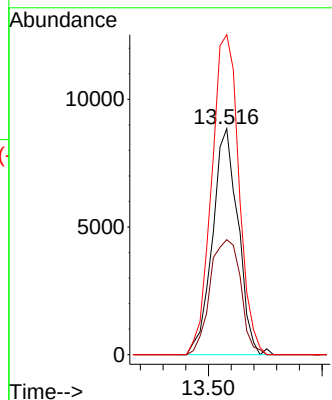
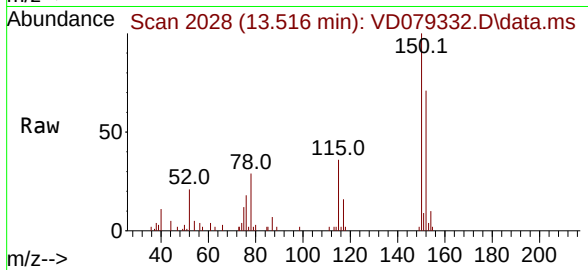
Tgt Ion:152 Resp: 13823

Ion Ratio Lower Upper

152 100

115 60.8 26.5 79.5

150 151.0 0.0 341.6



#81

trans-1,4-Dichloro-2-butene

Concen: 78.298 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.100 min

Lab File: VD079332.D

Acq: 03 Jul 2024 13:43

Tgt Ion: 75 Resp: 5837

Ion Ratio Lower Upper

75 100

53 0.0 61.4 92.2#

89 0.0 35.4 53.0#

