

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074785.D
 Acq On : 08 Nov 2022 03:43
 Operator : VA/SY
 Sample : N5415-09
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-22

Quant Time: Nov 08 05:13:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

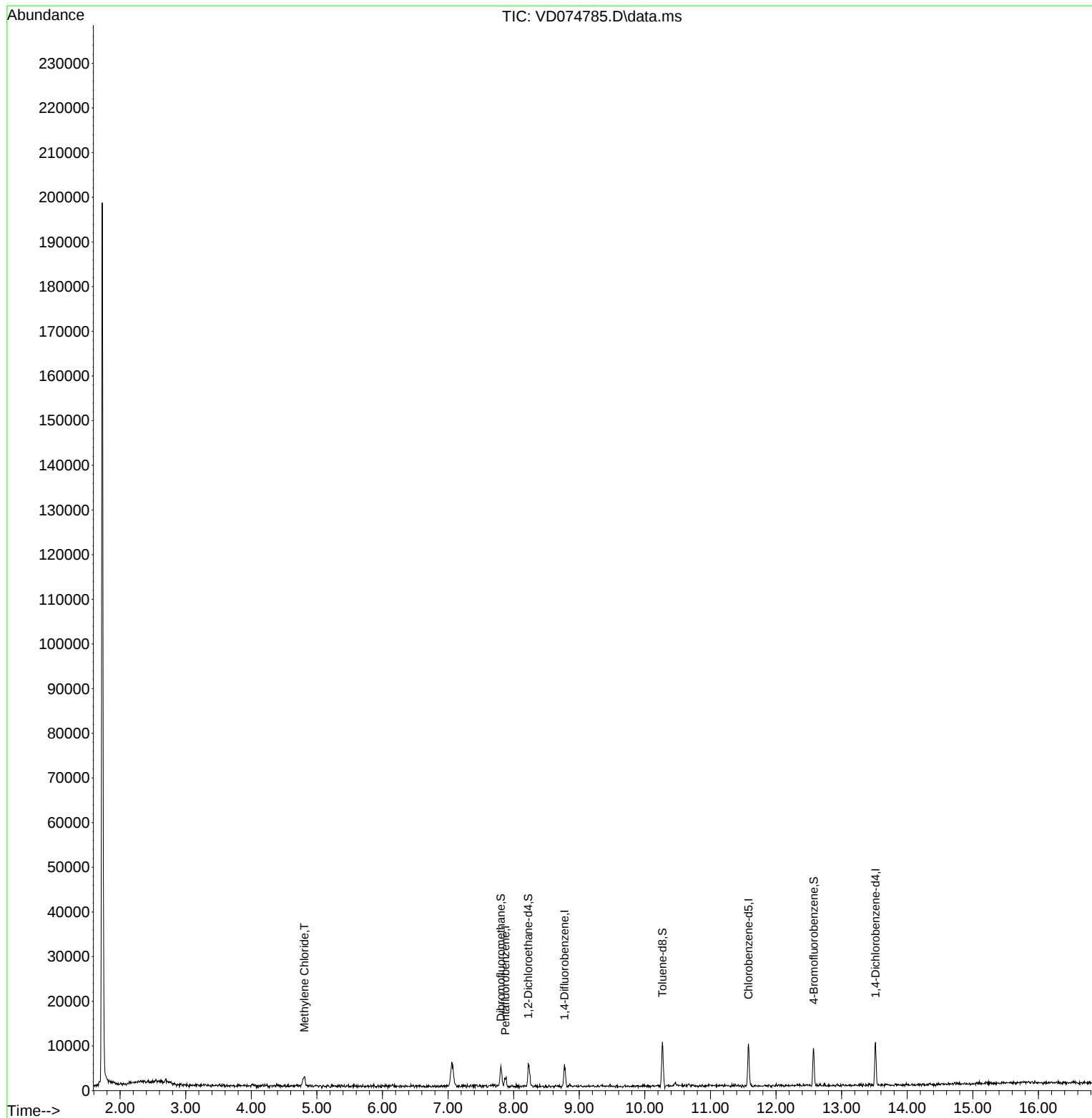
Internal Standards						
1) Pentafluorobenzene	7.875	168	2794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	6221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6736	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	4497	203.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 406.440%#	
35) Dibromofluoromethane	7.804	113	3395	92.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 184.520%#	
50) Toluene-d8	10.269	98	7569	56.386	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.780%	
62) 4-Bromofluorobenzene	12.575	95	2852	73.585	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 147.180%#	
Target Compounds						Qvalue
20) Methylene Chloride	4.810	84	2133	55.423	ug/l	92

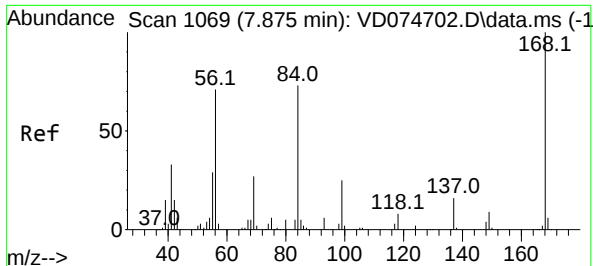
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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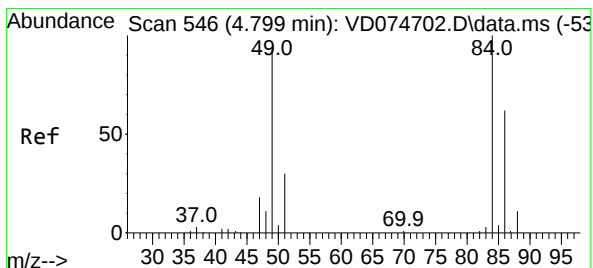
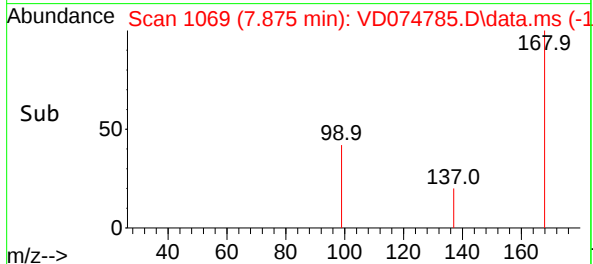
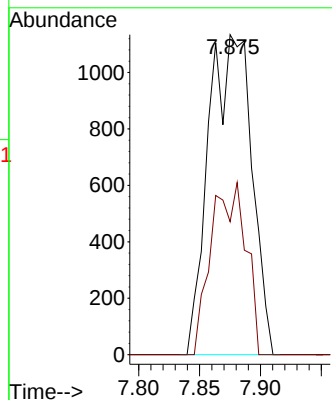
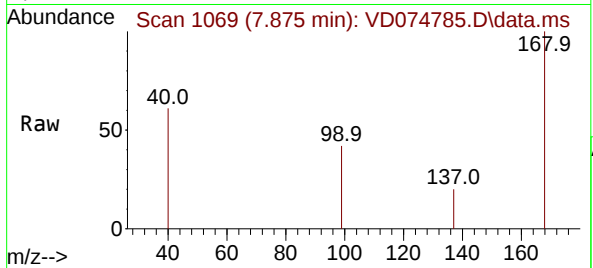




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074785.D
Acq: 08 Nov 2022 03:43

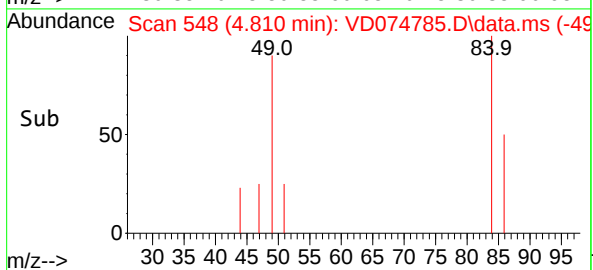
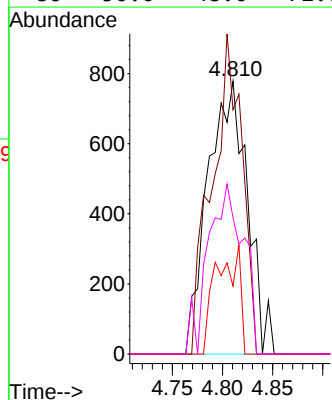
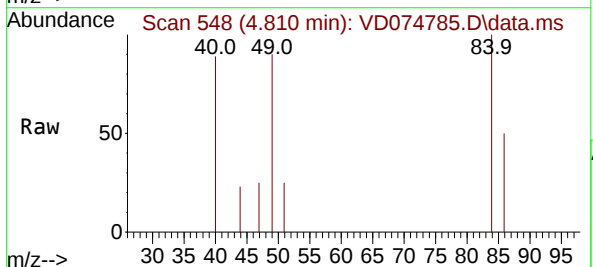
Instrument :
MSVOA_D
ClientSampleId :
R-22

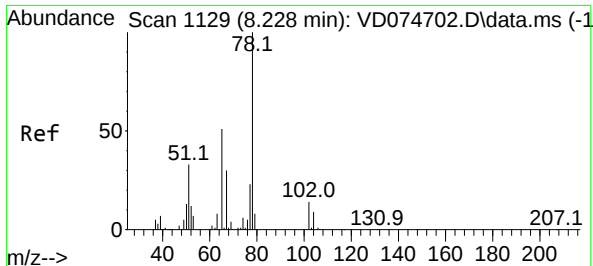
Tgt Ion:168 Resp: 2794
Ion Ratio Lower Upper
168 100
99 41.5 40.9 61.3



#20
Methylene Chloride
Concen: 55.423 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.011 min
Lab File: VD074785.D
Acq: 08 Nov 2022 03:43

Tgt Ion: 84 Resp: 2133
Ion Ratio Lower Upper
84 100
49 89.6 68.0 102.0
51 24.9 23.2 34.8
86 50.0 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 203.217 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VD074785.D

Acq: 08 Nov 2022 03:43

Instrument :

MSVOA_D

ClientSampleId :

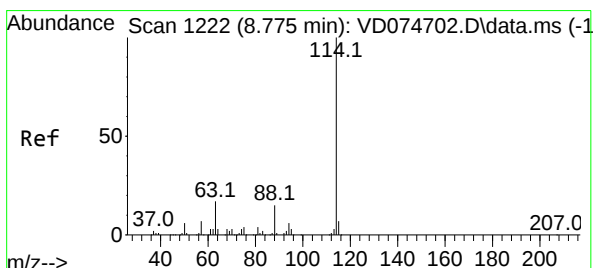
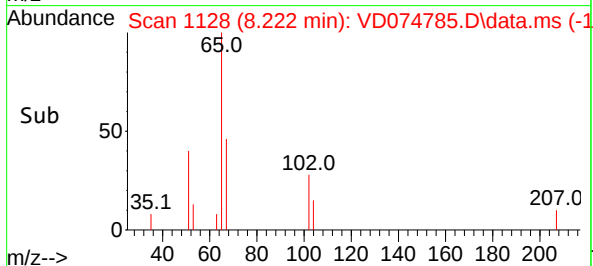
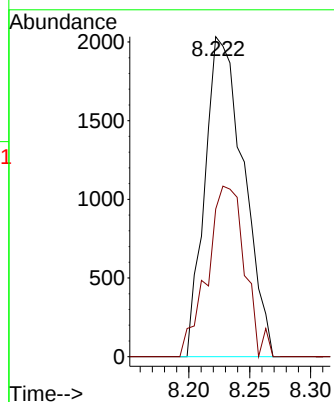
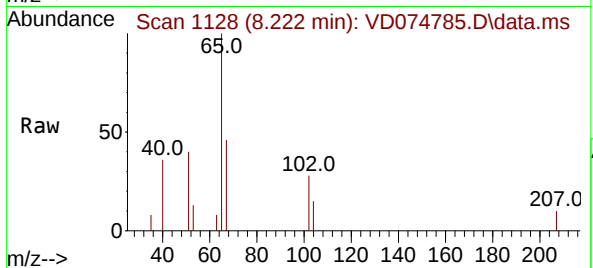
R-22

Tgt Ion: 65 Resp: 4497

Ion Ratio Lower Upper

65 100

67 51.5 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074785.D

Acq: 08 Nov 2022 03:43

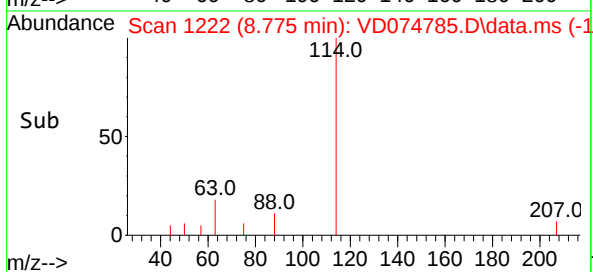
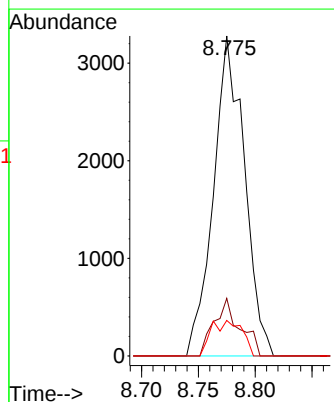
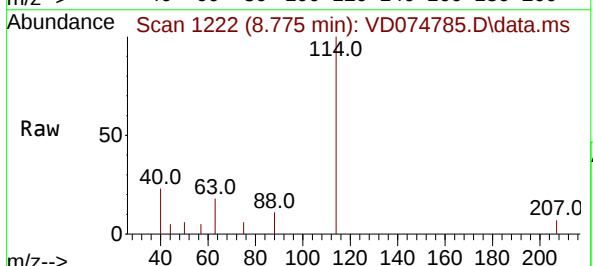
Tgt Ion: 114 Resp: 6221

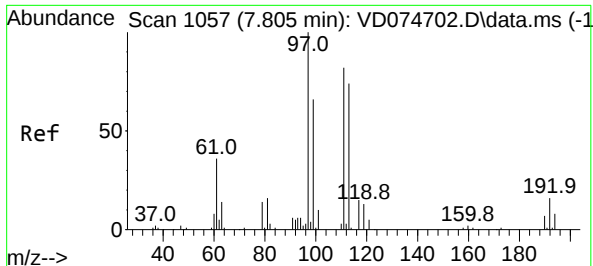
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.2

88 11.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 92.256 ug/l

RT: 7.804 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD074785.D

Acq: 08 Nov 2022 03:43

Instrument :

MSVOA_D

ClientSampleId :

R-22

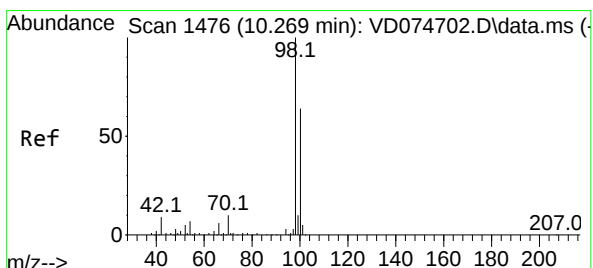
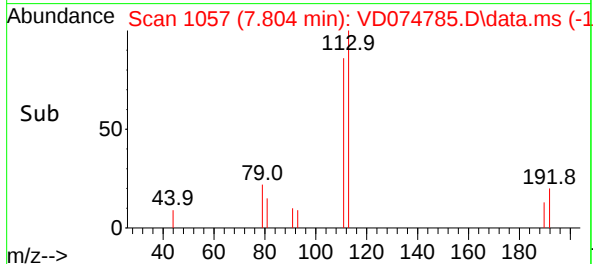
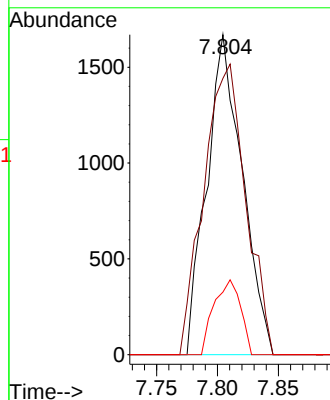
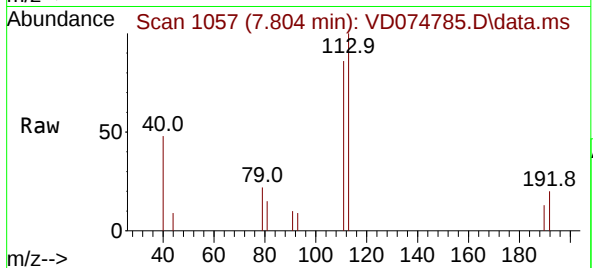
Tgt Ion:113 Resp: 3395

Ion Ratio Lower Upper

113 100

111 107.0 82.3 123.5

192 17.6 16.4 24.6



#50

Toluene-d8

Concen: 56.386 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074785.D

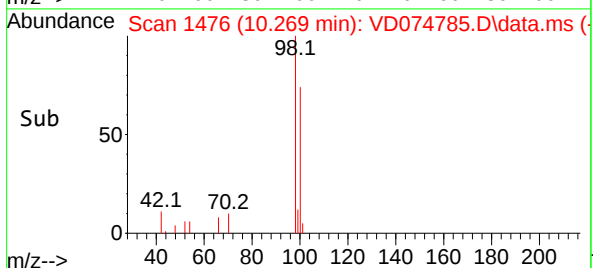
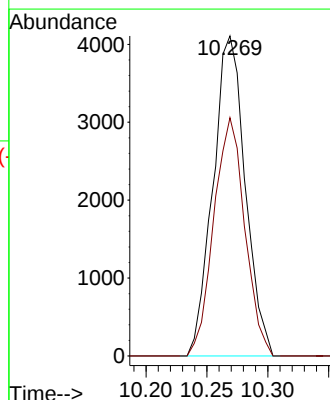
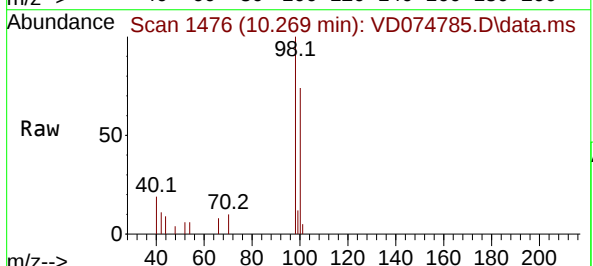
Acq: 08 Nov 2022 03:43

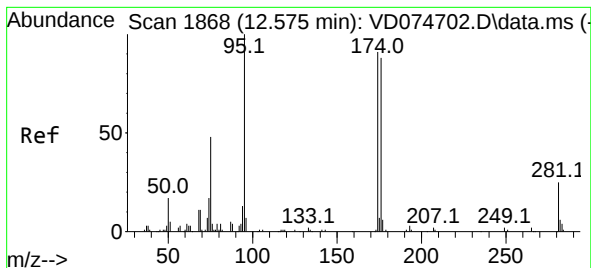
Tgt Ion: 98 Resp: 7569

Ion Ratio Lower Upper

98 100

100 71.6 51.4 77.0

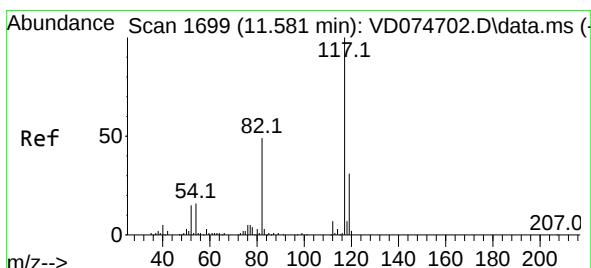
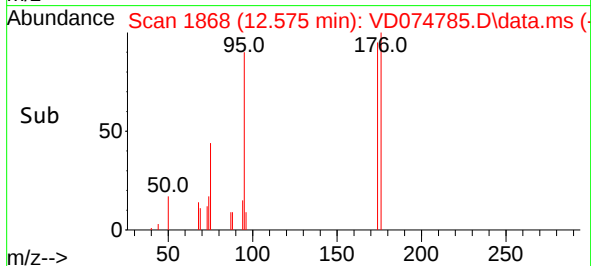
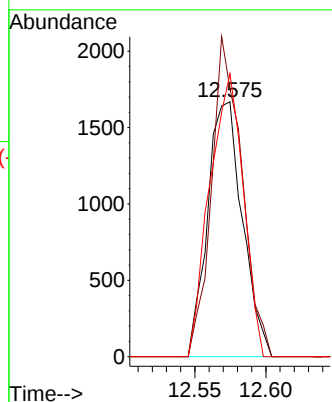
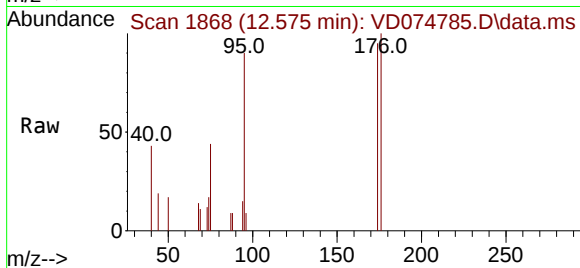




#62
4-Bromofluorobenzene
Concen: 73.585 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074785.D
Acq: 08 Nov 2022 03:43

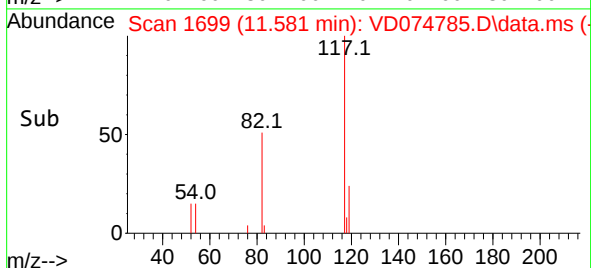
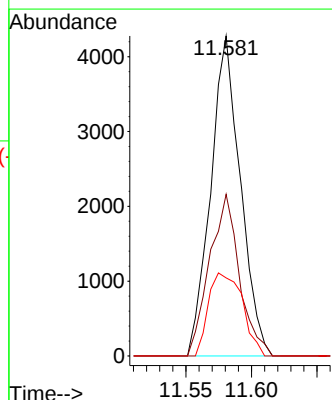
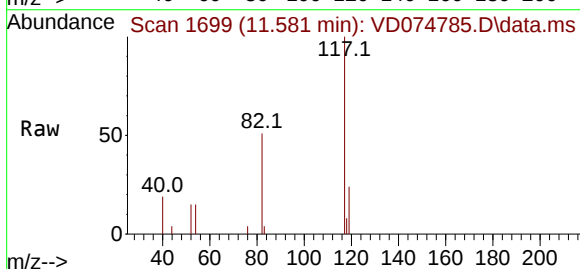
Instrument :
MSVOA_D
ClientSampleId :
R-22

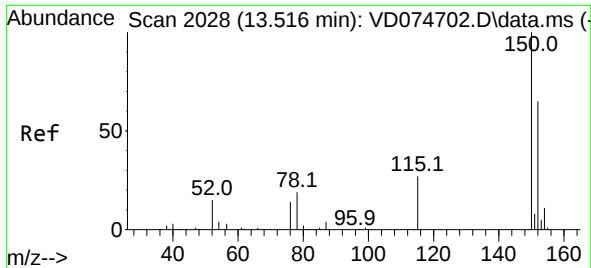
Tgt Ion:	95	Resp:	2852
Ion	Ratio	Lower	Upper
95	100		
174	109.2	0.0	197.0
176	106.7	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074785.D
Acq: 08 Nov 2022 03:43

Tgt Ion:	117	Resp:	6736
Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.6	62.4
119	24.4	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD074785.D

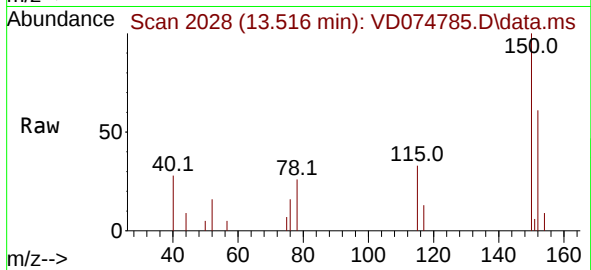
Acq: 08 Nov 2022 03:43

Instrument :

MSVOA_D

ClientSampleId :

R-22



Tgt Ion:152 Resp: 3116

Ion Ratio Lower Upper

152 100

115 59.6 26.8 80.4

150 177.0 0.0 348.2

