

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074807.D
 Acq On : 08 Nov 2022 16:30
 Operator : VA/SY
 Sample : N5415-03RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-16RE

Quant Time: Nov 08 16:39:41 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)

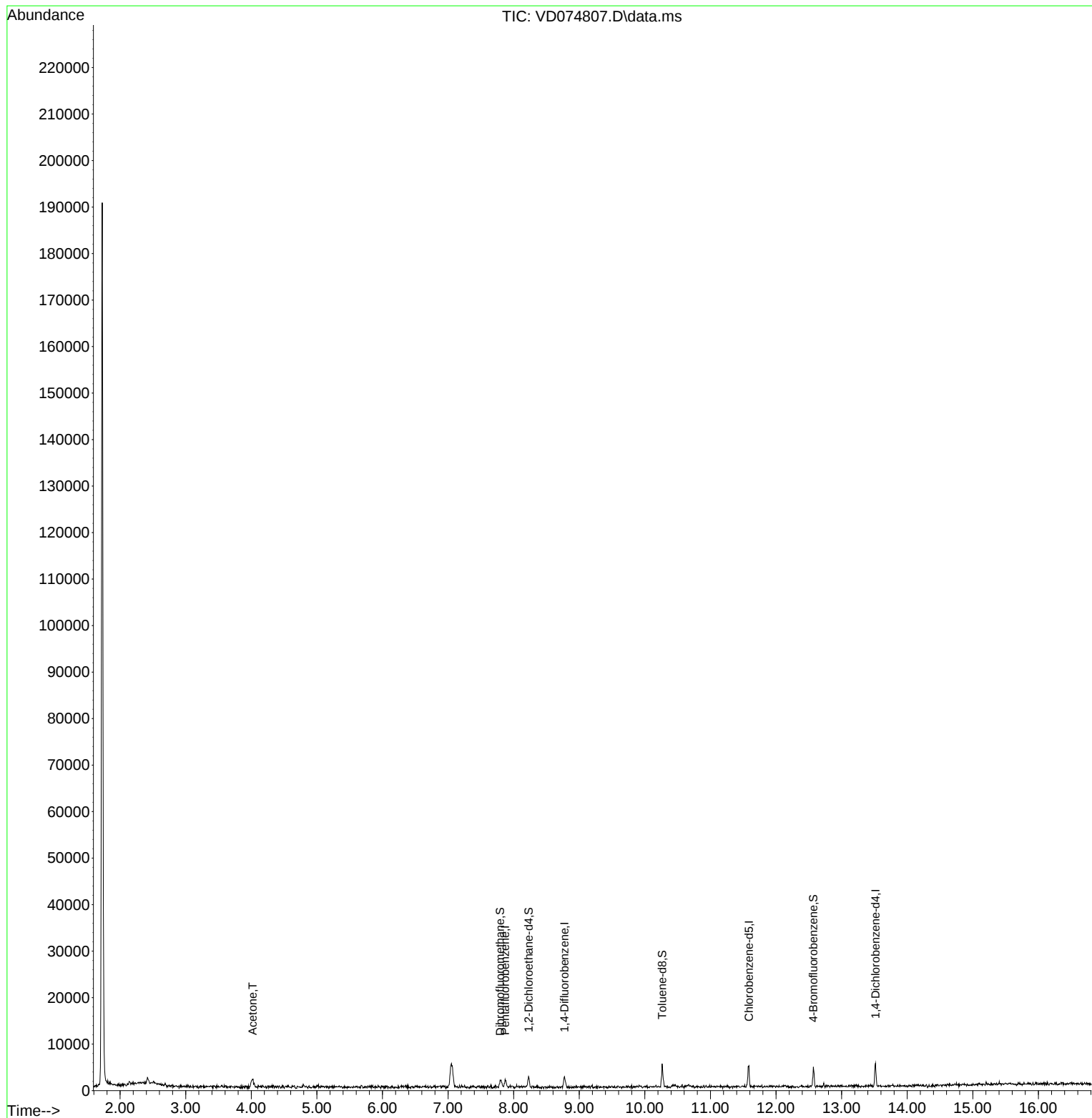
Internal Standards						
1) Pentafluorobenzene	7.869	168	1983	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	3499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	3190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1909	121.548	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	243.100%	#
35) Dibromofluoromethane	7.793	113	1330	64.257	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	=	128.520%	
50) Toluene-d8	10.263	98	3674	48.662	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	97.320%	
62) 4-Bromofluorobenzene	12.569	95	1179	54.084	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	108.160%	
Target Compounds						
16) Acetone	4.022	43	2816	859.188	ug/l	Qvalue 92

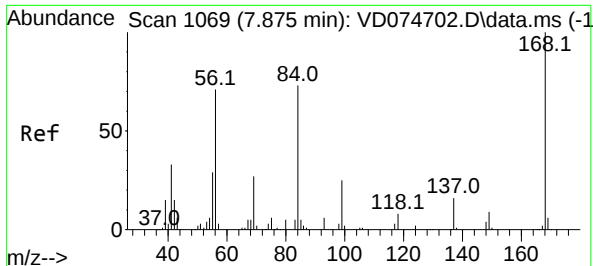
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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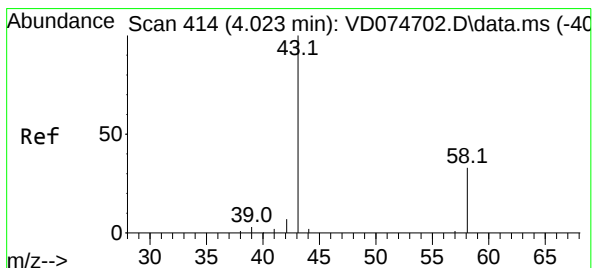
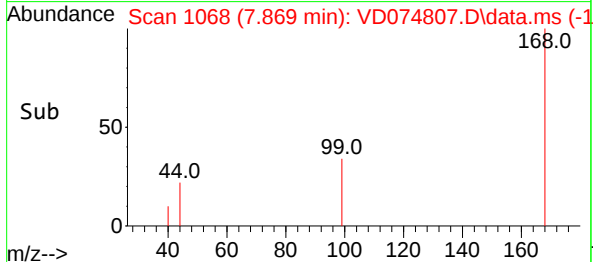
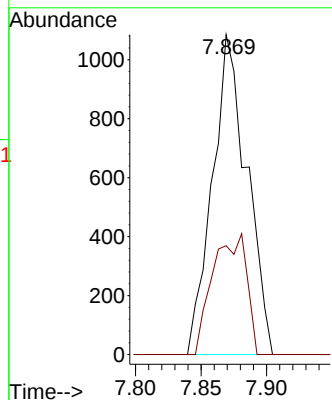
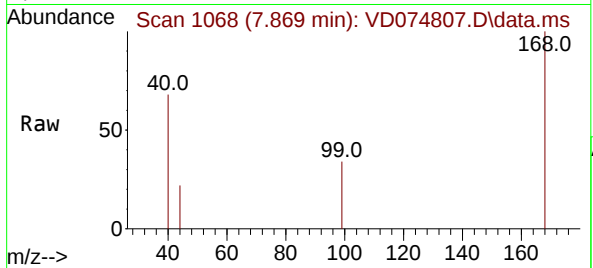




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

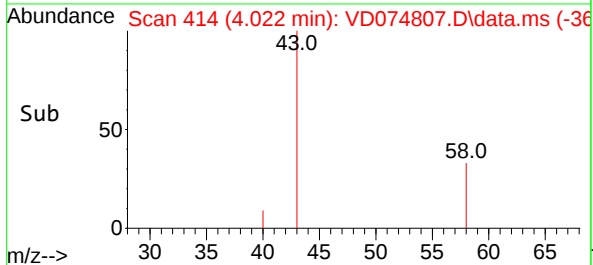
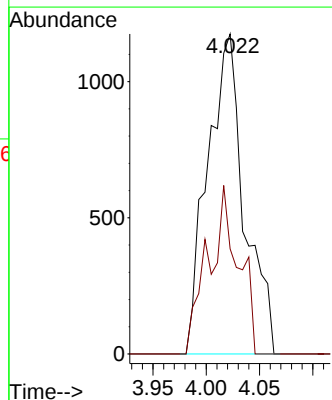
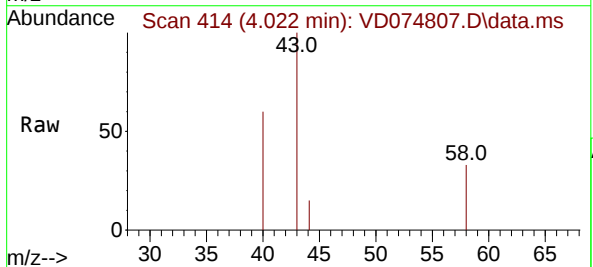
Instrument :
MSVOA_D
ClientSampleId :
R-16RE

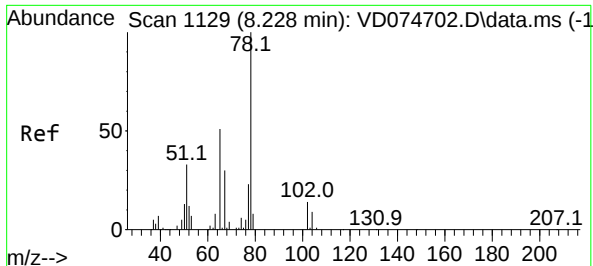
Tgt Ion:168 Resp: 1983
Ion Ratio Lower Upper
168 100
99 34.0 40.9 61.3#



#16
Acetone
Concen: 859.188 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

Tgt Ion: 43 Resp: 2816
Ion Ratio Lower Upper
43 100
58 32.9 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 121.548 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074807.D

Acq: 08 Nov 2022 16:30

Instrument :

MSVOA_D

ClientSampleId :

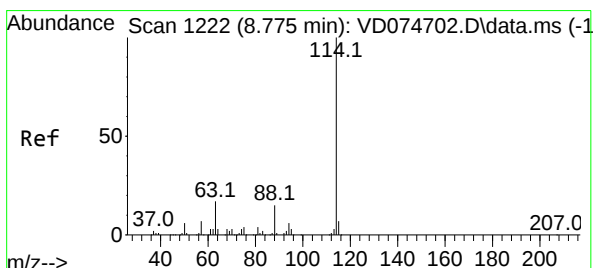
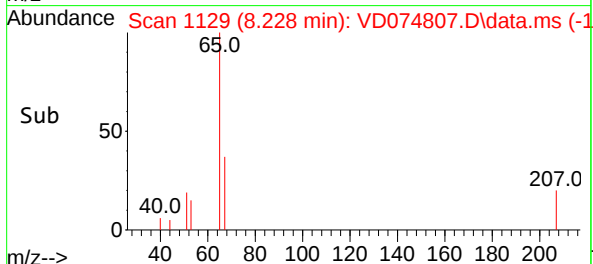
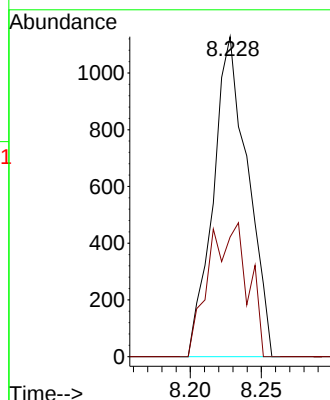
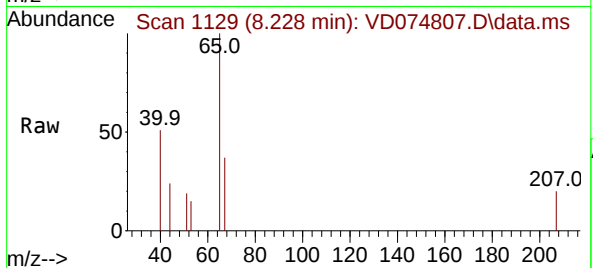
R-16RE

Tgt Ion: 65 Resp: 1909

Ion Ratio Lower Upper

65 100

67 47.2 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: VD074807.D

Acq: 08 Nov 2022 16:30

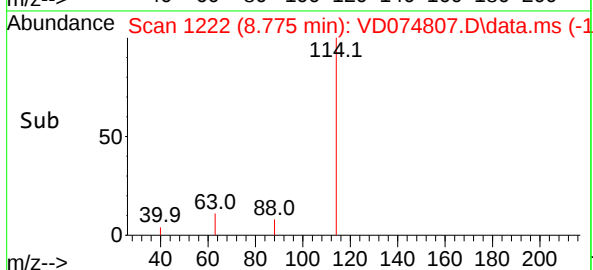
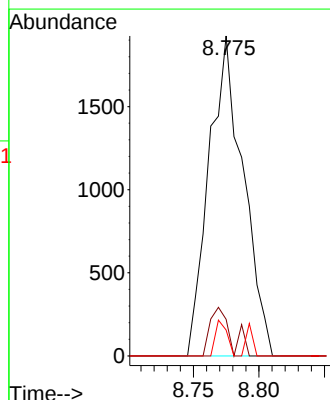
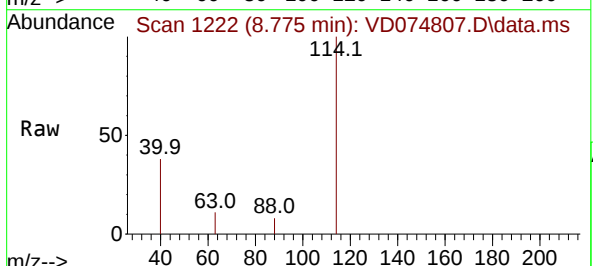
Tgt Ion: 114 Resp: 3499

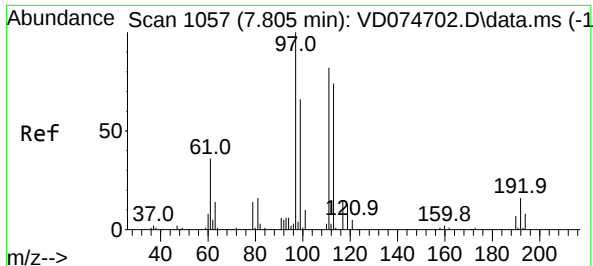
Ion Ratio Lower Upper

114 100

63 11.4 0.0 33.2

88 8.1 0.0 28.2

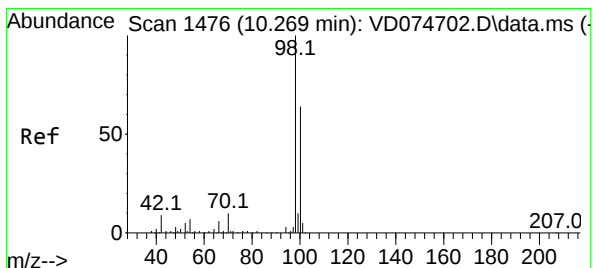
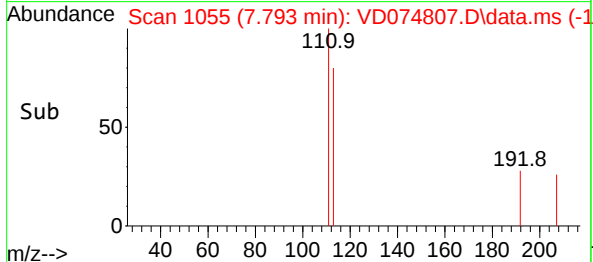
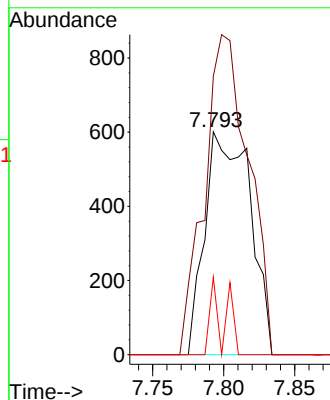
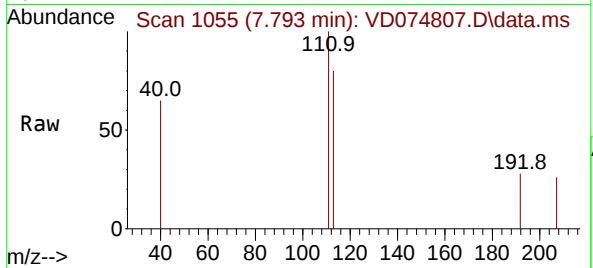




#35
Dibromofluoromethane
Concen: 64.257 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

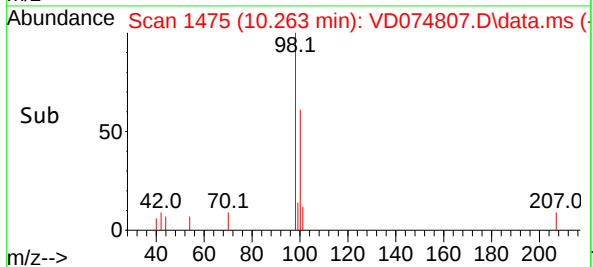
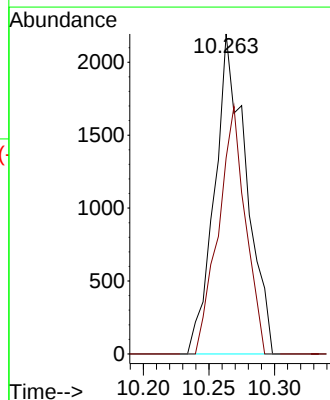
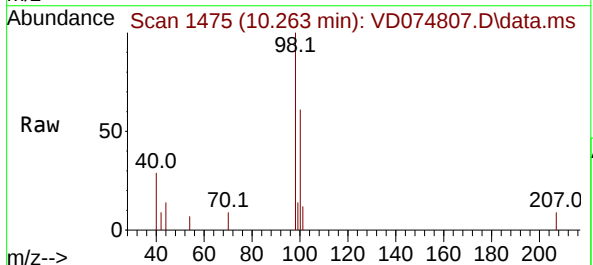
Instrument :
MSVOA_D
ClientSampleId :
R-16RE

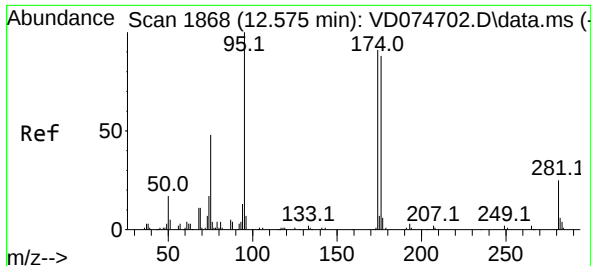
Tgt Ion:113 Resp: 1330
Ion Ratio Lower Upper
113 100
111 140.4 82.3 123.5#
192 10.7 16.4 24.6#



#50
Toluene-d8
Concen: 48.662 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

Tgt Ion: 98 Resp: 3674
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.0

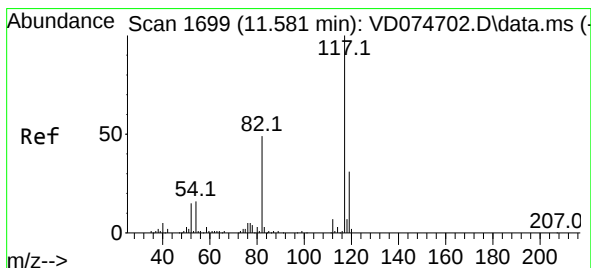
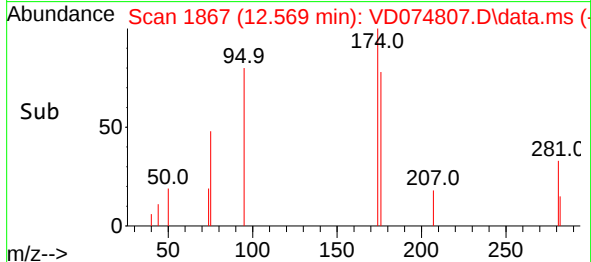
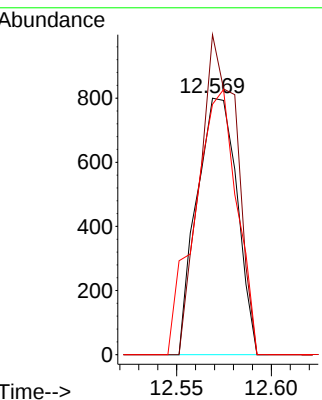
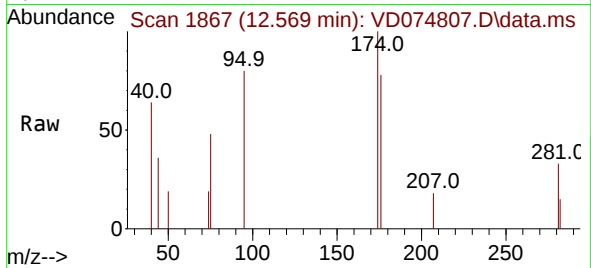




#62
4-Bromofluorobenzene
Concen: 54.084 ug/l
RT: 12.569 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

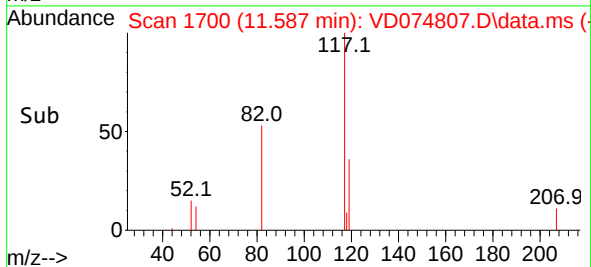
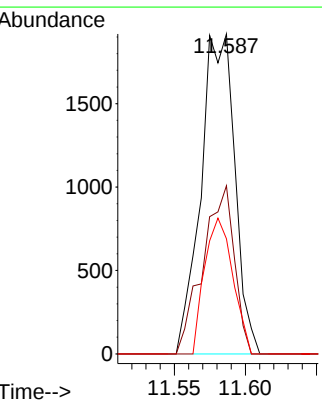
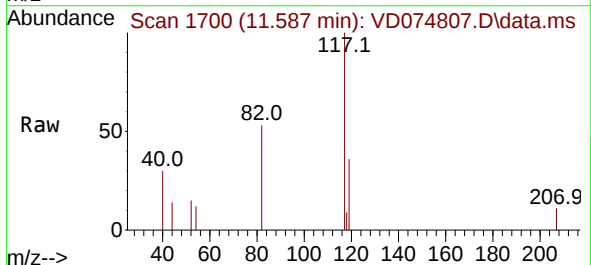
Instrument :
MSVOA_D
ClientSampleId :
R-16RE

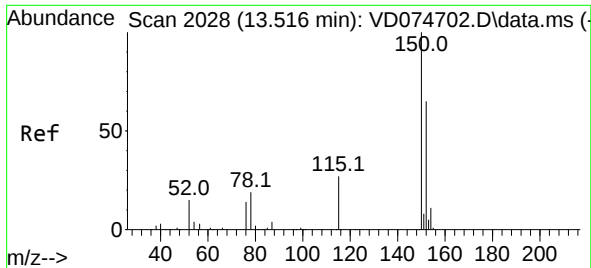
Tgt Ion	Ratio	Lower	Upper
95	100		
174	114.1	0.0	197.0
176	108.2	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

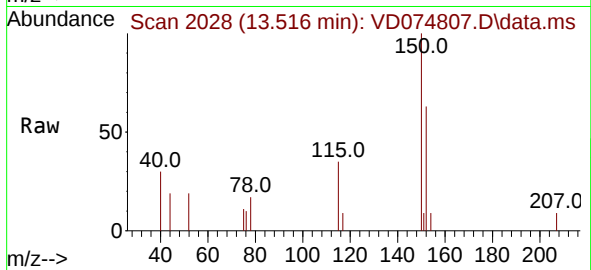
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.6	62.4
119	36.0	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074807.D
 Acq: 08 Nov 2022 16:30

Instrument :
 MSVOA_D
 ClientSampleId :
 R-16RE



Tgt Ion:152 Resp: 1586

Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.8	80.4
150	178.4	0.0	348.2

