

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102621\
 Data File : VU045406.D
 Acq On : 26 Oct 2021 17:22
 Operator : SY/MD
 Sample : M4360-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-98-100

Quant Time: Oct 27 04:40:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

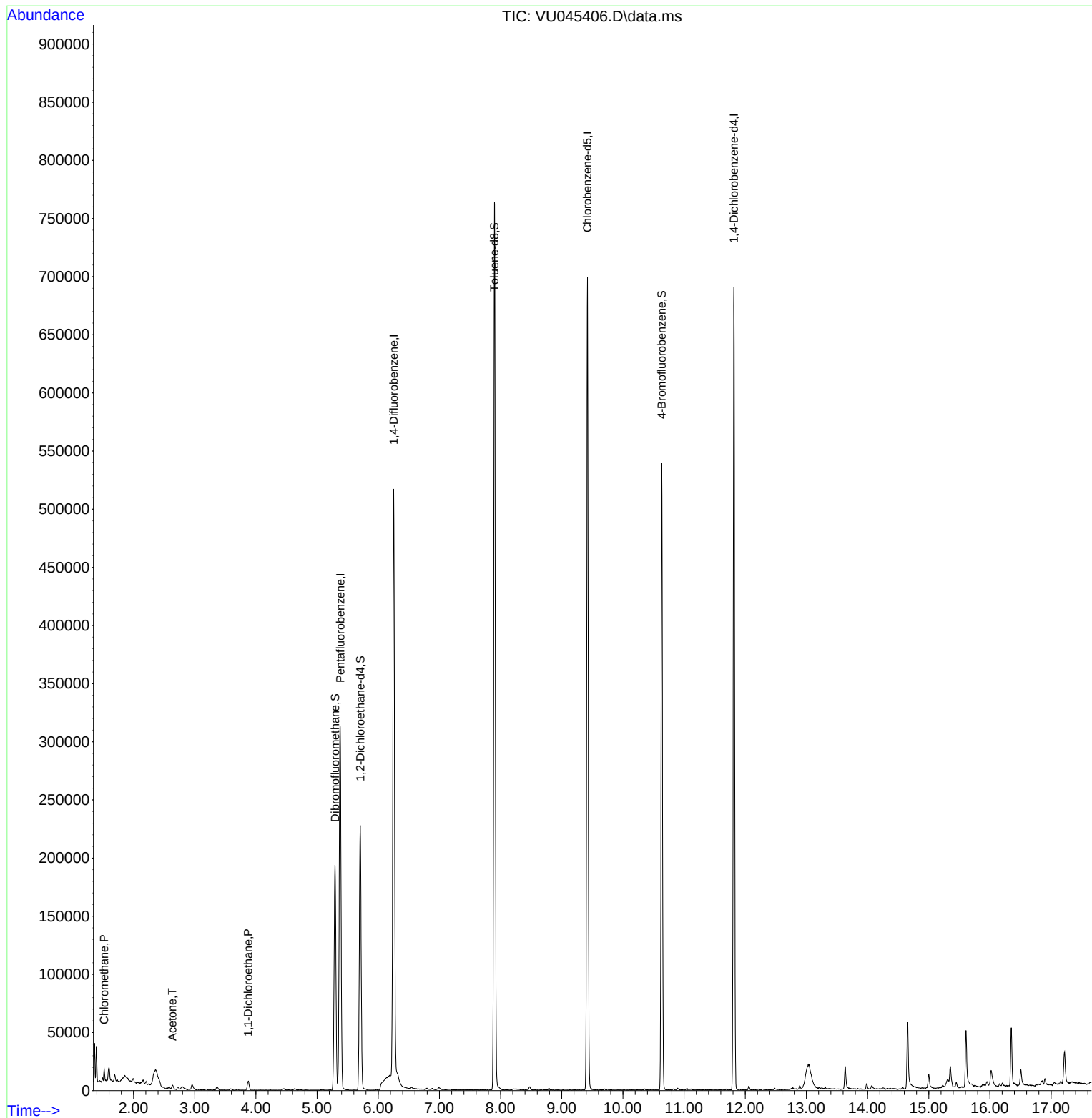
Internal Standards						
1) Pentafluorobenzene	5.378	168	210457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	399478	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	370577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	167559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	172233	49.163	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.320%
35) Dibromofluoromethane	5.295	113	125180	49.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.340%
50) Toluene-d8	7.899	98	500874	50.303	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.600%
62) 4-Bromofluorobenzene	10.635	95	182102	44.298	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	6925	2.051	ug/l	93
16) Acetone	2.636	43	4353	2.093	ug/l	91
24) 1,1-Dichloroethane	3.874	63	8957	1.655	ug/l	93

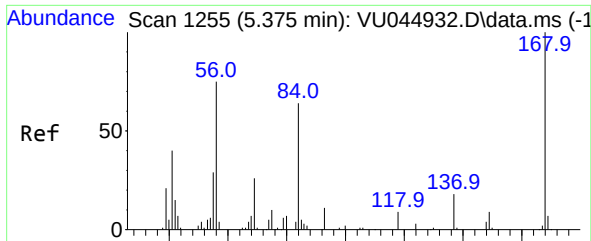
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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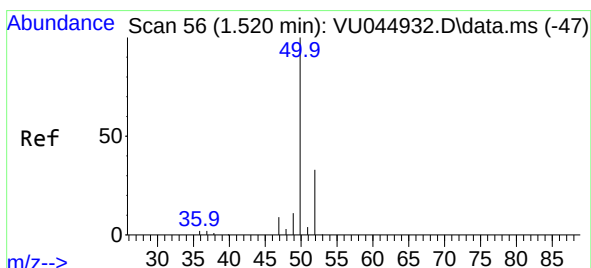
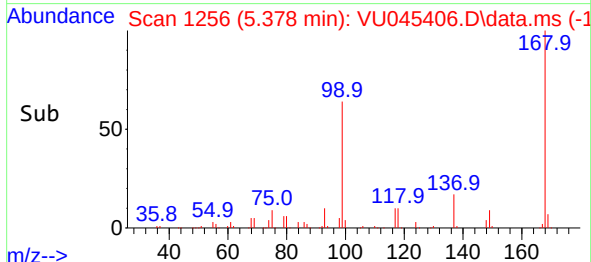
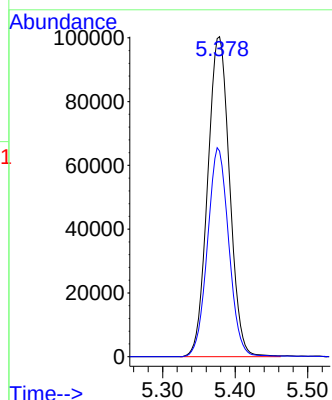
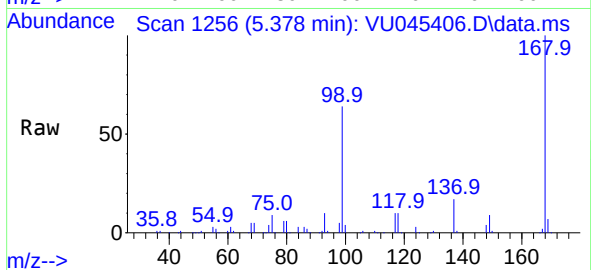




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045406.D
Acq: 26 Oct 2021 17:22

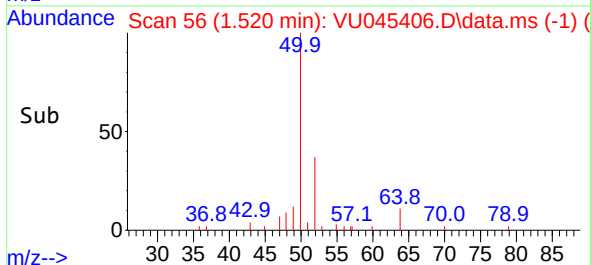
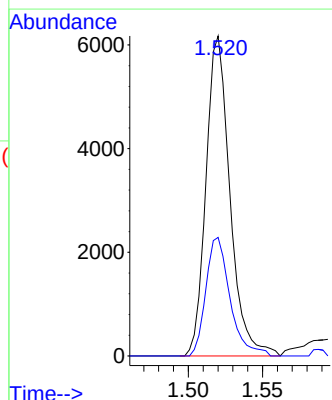
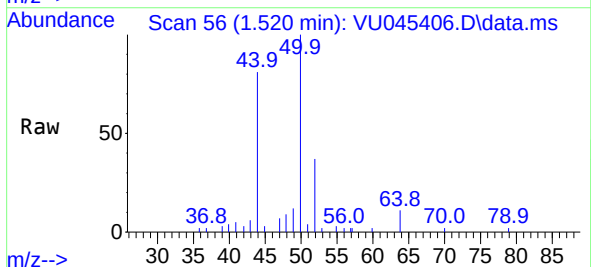
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-98-100

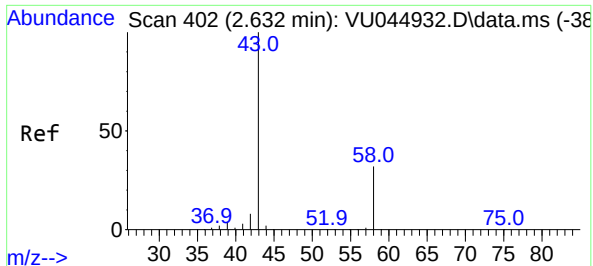
Tgt Ion:168 Resp: 210457
Ion Ratio Lower Upper
168 100
99 64.2 51.4 77.0



#3
Chloromethane
Concen: 2.051 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045406.D
Acq: 26 Oct 2021 17:22

Tgt Ion: 50 Resp: 6925
Ion Ratio Lower Upper
50 100
52 37.1 26.3 39.5

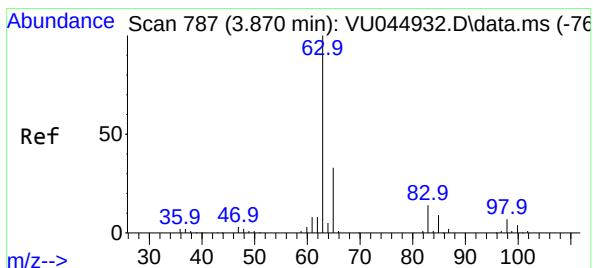
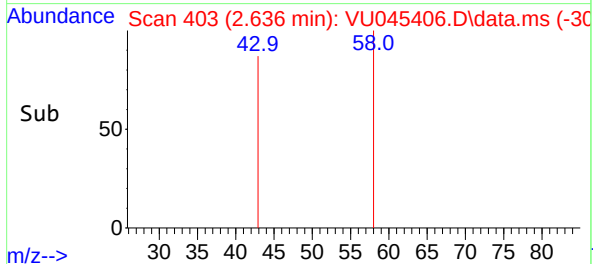
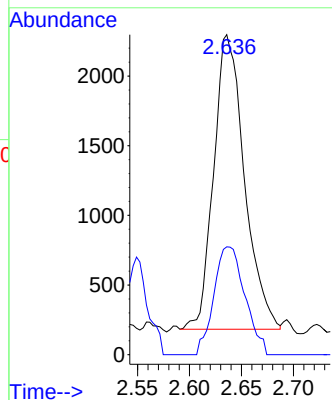
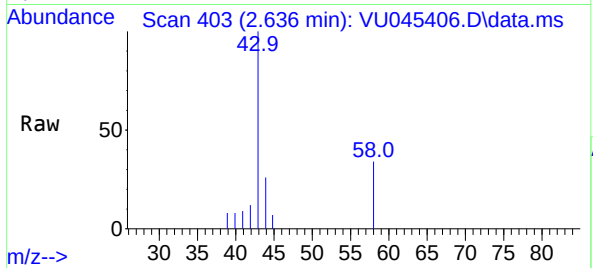




#16
Acetone
Concen: 2.093 ug/l
RT: 2.636 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU045406.D
Acq: 26 Oct 2021 17:22

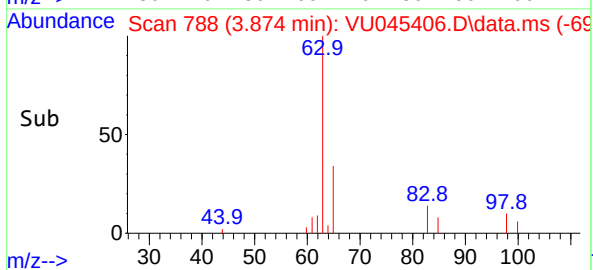
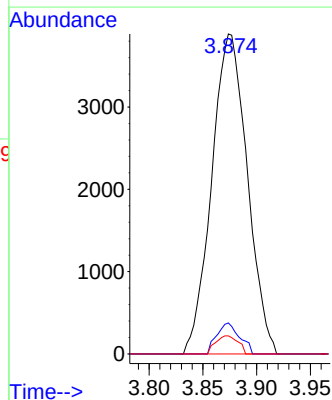
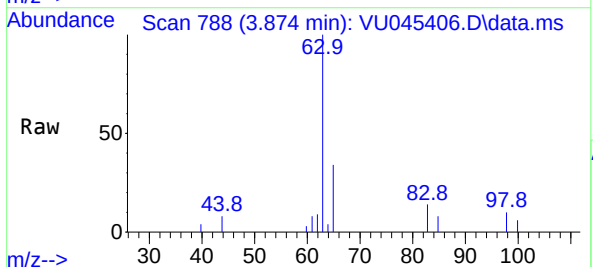
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-98-100

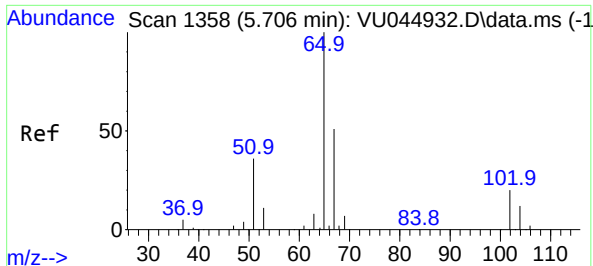
Tgt Ion: 43 Resp: 4353
Ion Ratio Lower Upper
43 100
58 36.6 25.2 37.8



#24
1,1-Dichloroethane
Concen: 1.655 ug/l
RT: 3.874 min Scan# 788
Delta R.T. 0.004 min
Lab File: VU045406.D
Acq: 26 Oct 2021 17:22

Tgt Ion: 63 Resp: 8957
Ion Ratio Lower Upper
63 100
98 9.7 3.5 10.4
100 5.6 2.1 6.3





#33

1,2-Dichloroethane-d4

Concen: 49.163 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045406.D

Acq: 26 Oct 2021 17:22

Instrument :

MSVOA_U

ClientSampleId :

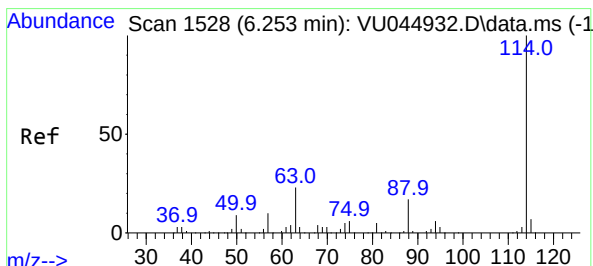
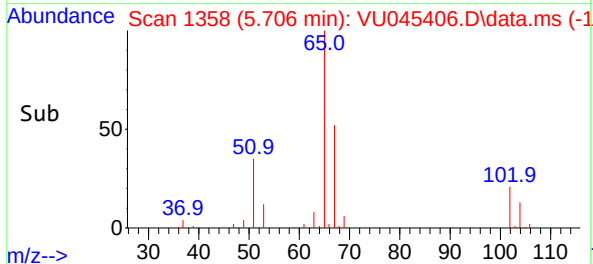
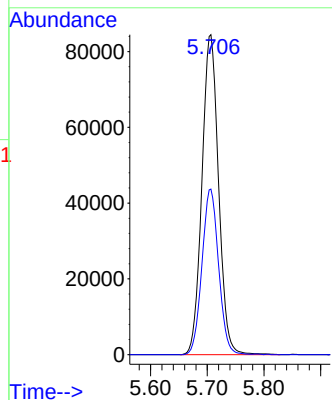
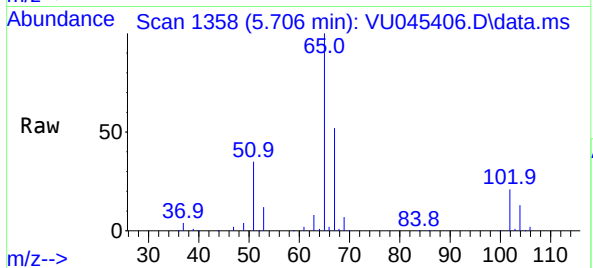
BP-VPB-RW9-GW-98-100

Tgt Ion: 65 Resp: 172233

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045406.D

Acq: 26 Oct 2021 17:22

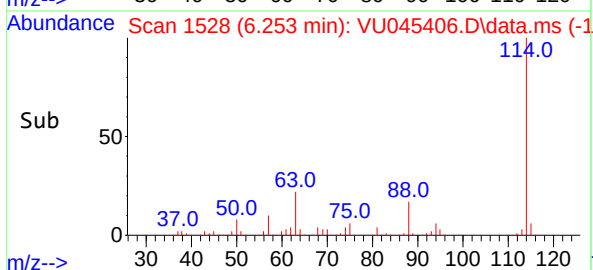
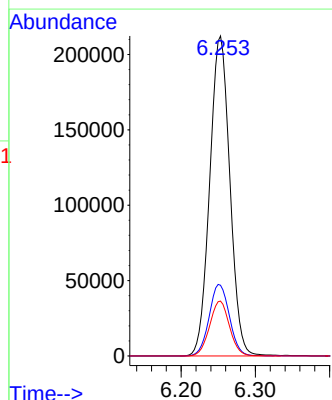
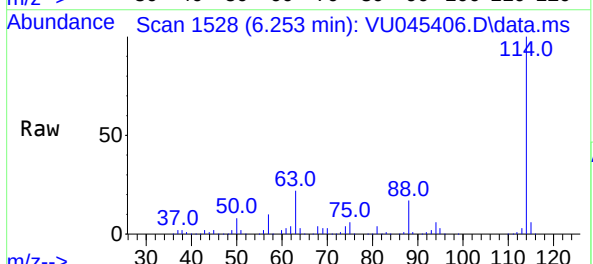
Tgt Ion: 114 Resp: 399478

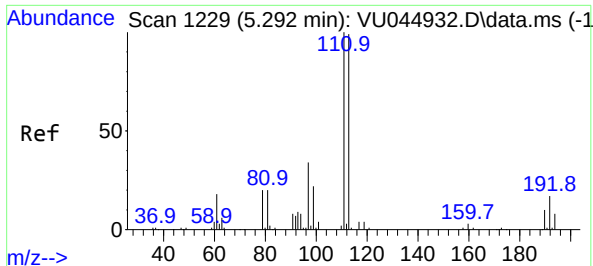
Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.8

88 17.2 0.0 32.8

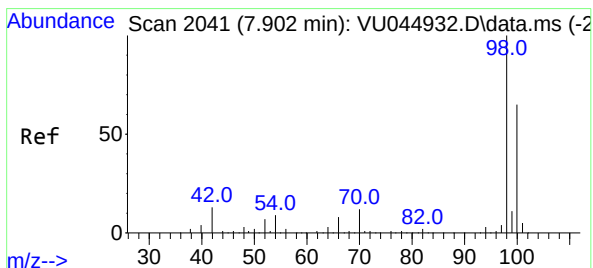
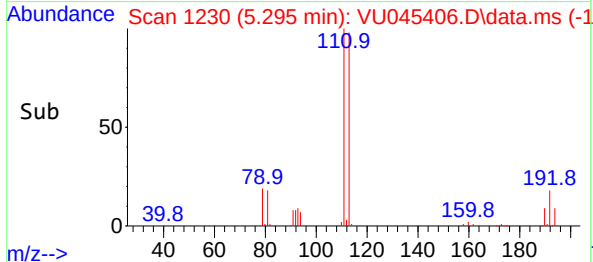
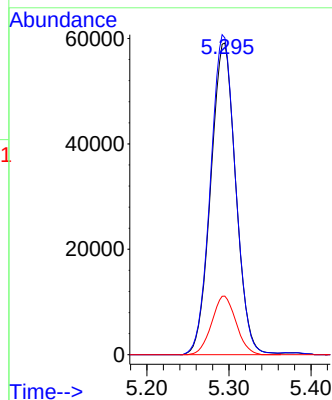
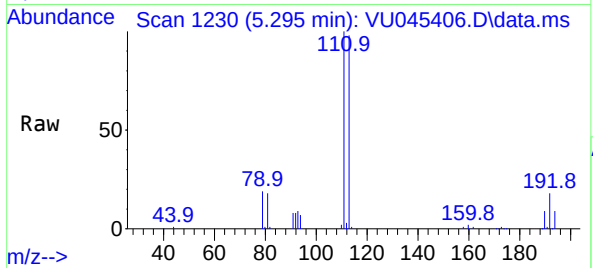




#35
Dibromofluoromethane
Concen: 49.674 ug/l
RT: 5.295 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045406.D
Acq: 26 Oct 2021 17:22

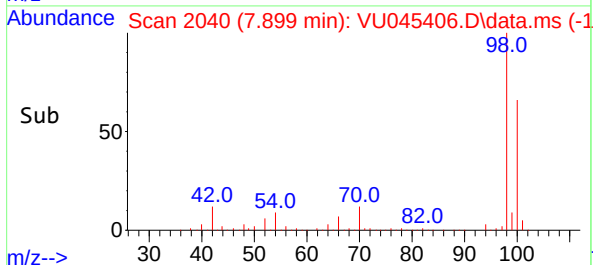
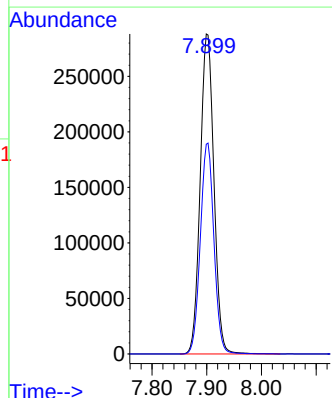
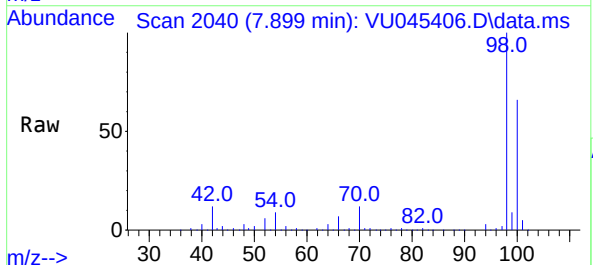
Instrument :
MSVOA_U
ClientSampleId :
BP-VPB-RW9-GW-98-100

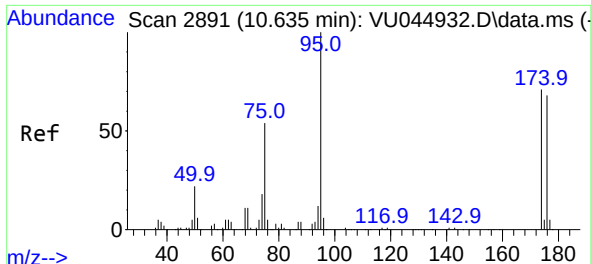
Tgt Ion:113 Resp: 125180
Ion Ratio Lower Upper
113 100
111 102.7 84.1 126.1
192 18.3 14.8 22.2



#50
Toluene-d8
Concen: 50.303 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045406.D
Acq: 26 Oct 2021 17:22

Tgt Ion: 98 Resp: 500874
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



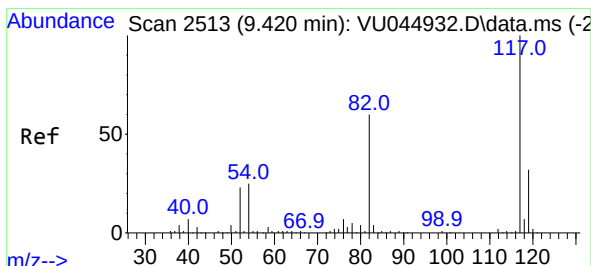
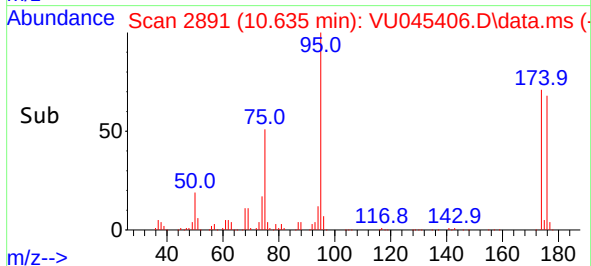
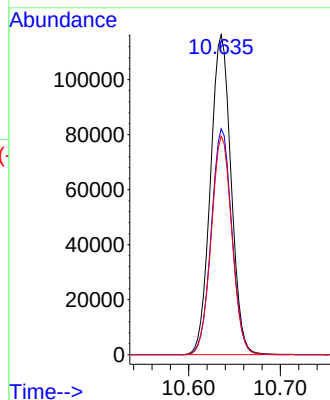
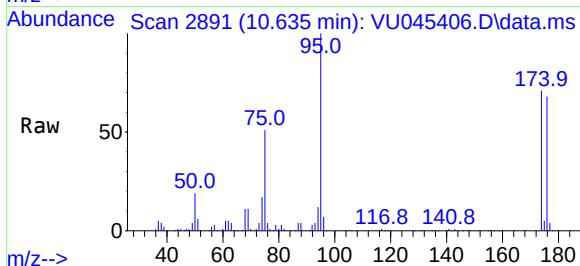


#62
4-Bromofluorobenzene
Concen: 44.298 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045406.D
Acq: 26 Oct 2021 17:22

Instrument : MSVOA_U
ClientSampleId : BP-VPB-RW9-GW-98-100

Tgt Ion: 95 Resp: 182102

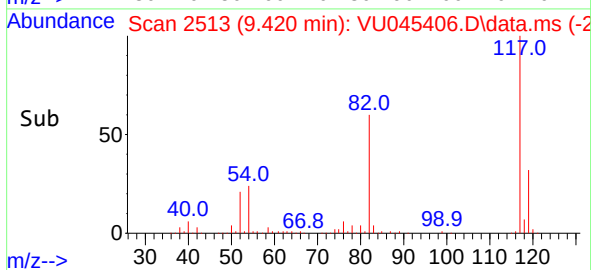
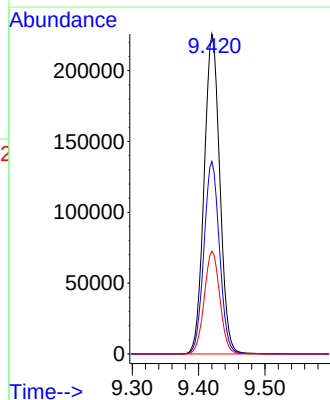
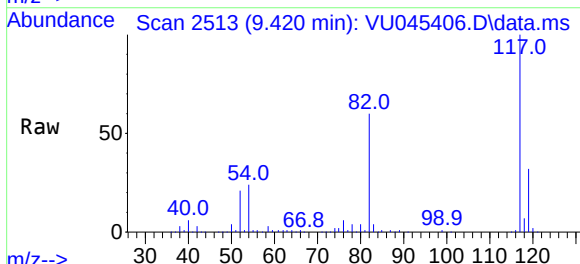
Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	146.6
176	68.2	0.0	141.2

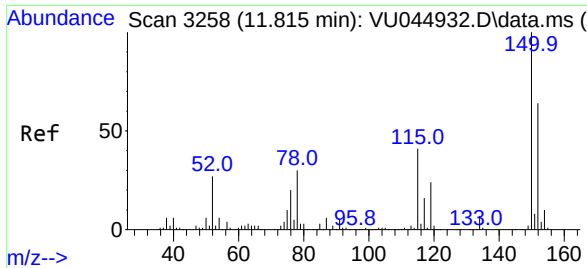


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045406.D
Acq: 26 Oct 2021 17:22

Tgt Ion: 117 Resp: 370577

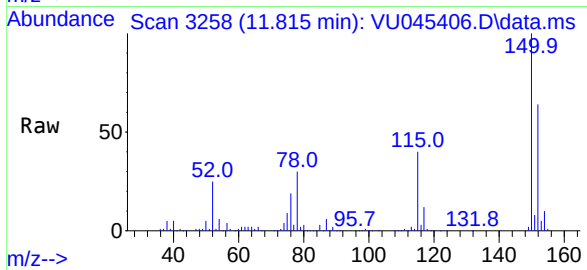
Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.8	71.8
119	32.1	25.8	38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045406.D
 Acq: 26 Oct 2021 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-GW-98-100



Tgt Ion:152 Resp: 167559
 Ion Ratio Lower Upper
 152 100
 115 61.7 43.5 130.7
 150 156.4 0.0 350.0

