

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045043.D
 Acq On : 30 Sep 2021 13:43
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 16:07:52 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)

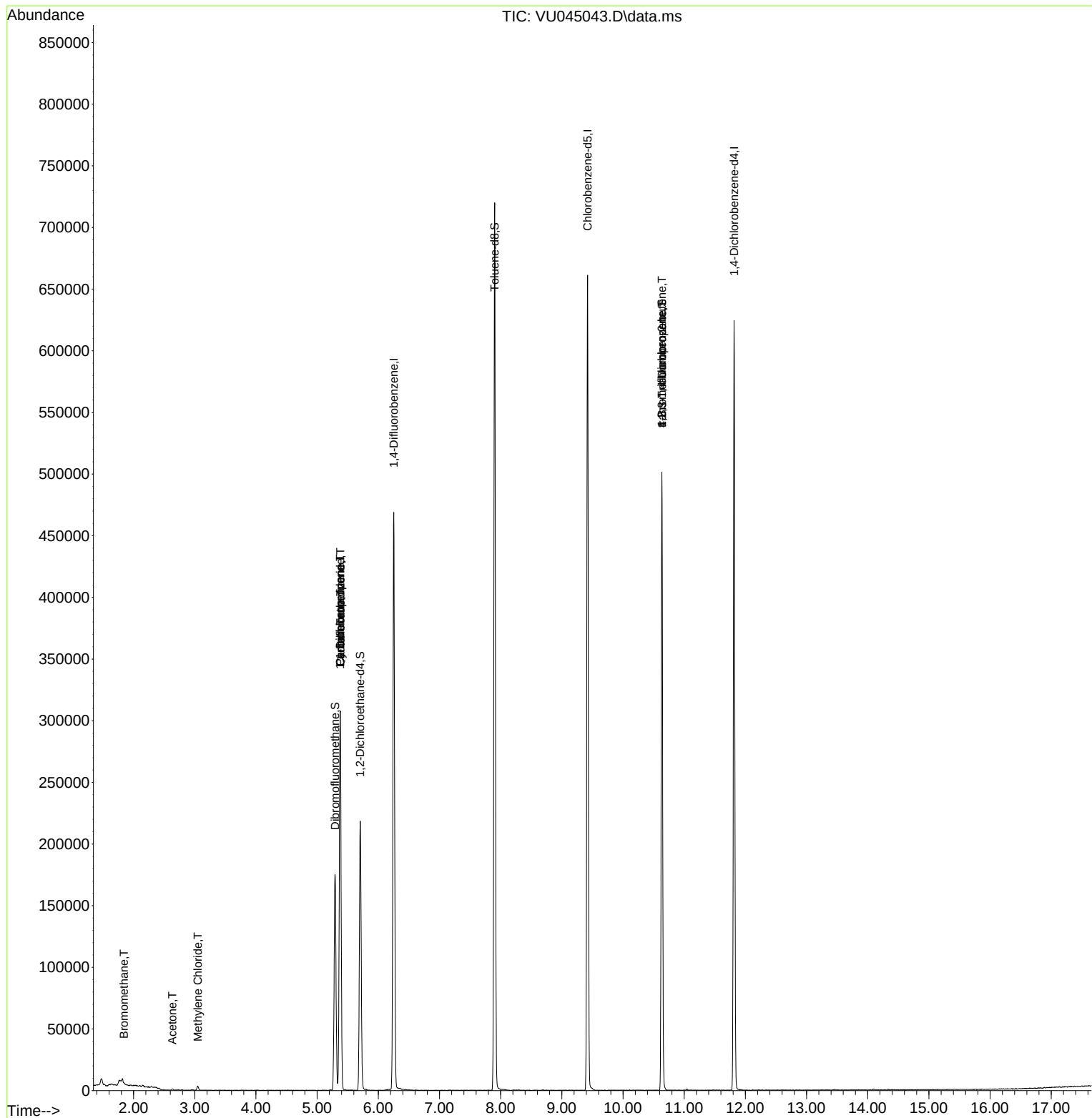
Internal Standards						
1) Pentafluorobenzene	5.379	168	201404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	360910	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	342769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	151315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	164247	48.991	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.980%
35) Dibromofluoromethane	5.292	113	111767	49.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.180%
50) Toluene-d8	7.903	98	459277	51.055	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.100%
62) 4-Bromofluorobenzene	10.636	95	164806	44.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.842	94	734	0.580	ug/l	90
16) Acetone	2.633	43	1126	0.566	ug/l #	87
20) Methylene Chloride	3.047	84	1708	0.570	ug/l	94
31) Cyclohexane	5.379	56	5379	1.056	ug/l #	6
36) 1,1-Dichloropropene	5.375	75	19052	5.048	ug/l #	50
38) Carbon Tetrachloride	5.379	117	21119	6.466	ug/l #	16
76) 1,2,3-Trichloropropane	10.636	75	90735	20.558	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	90735	57.052	ug/l #	9

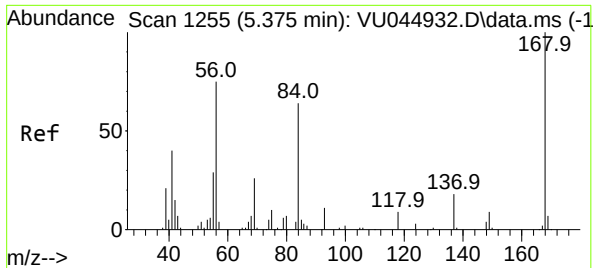
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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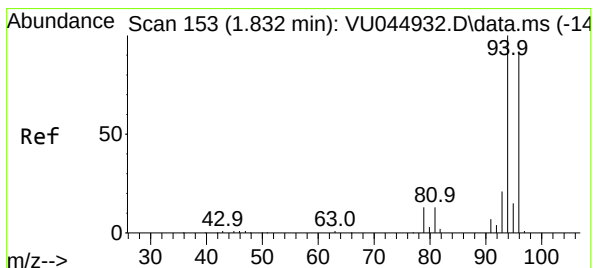
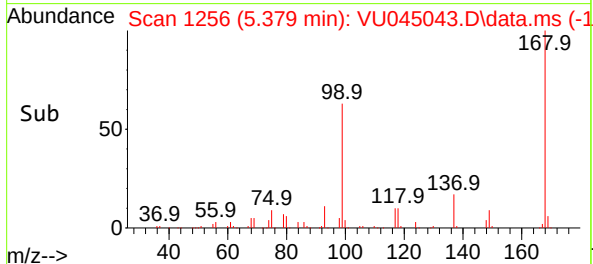
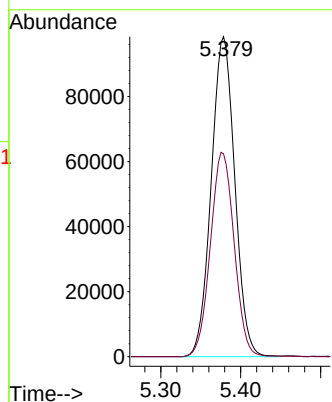
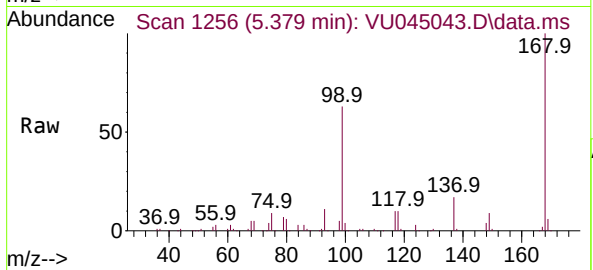




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.004 min
Lab File: VU045043.D
Acq: 30 Sep 2021 13:43

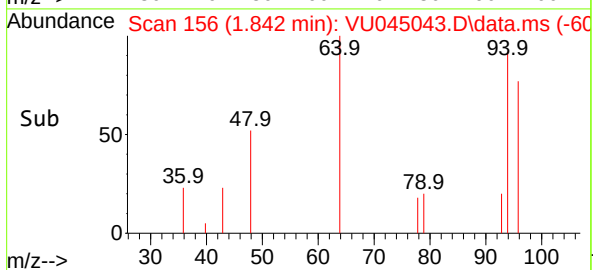
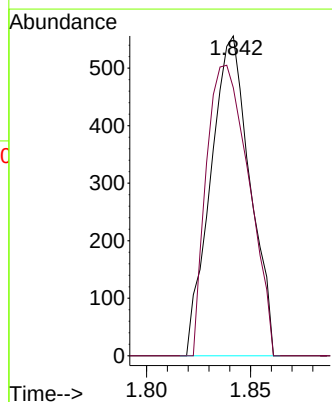
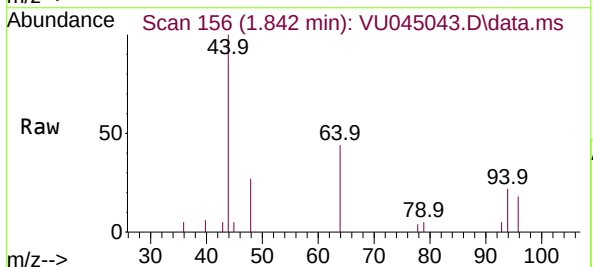
Instrument :
MSVOA_U
ClientSampleId :

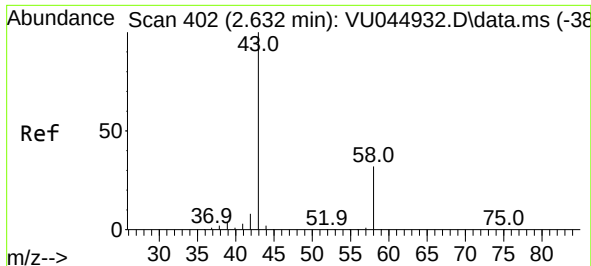
Tgt Ion:168 Resp: 201404
Ion Ratio Lower Upper
168 100
99 63.4 51.4 77.0



#5
Bromomethane
Concen: 0.580 ug/l
RT: 1.842 min Scan# 156
Delta R.T. 0.010 min
Lab File: VU045043.D
Acq: 30 Sep 2021 13:43

Tgt Ion: 94 Resp: 734
Ion Ratio Lower Upper
94 100
96 83.8 74.5 111.7

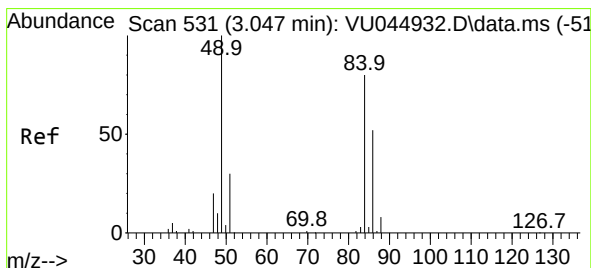
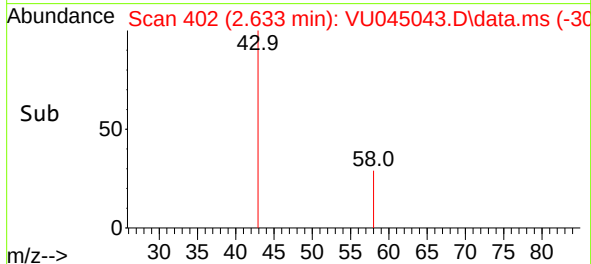
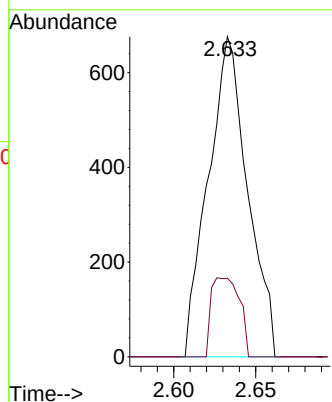
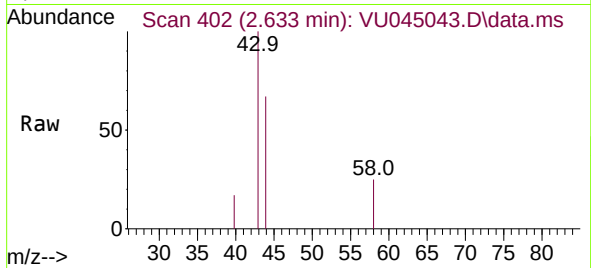




#16
Acetone
Concen: 0.566 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU045043.D
Acq: 30 Sep 2021 13:43

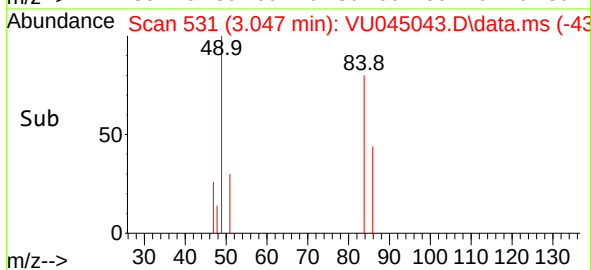
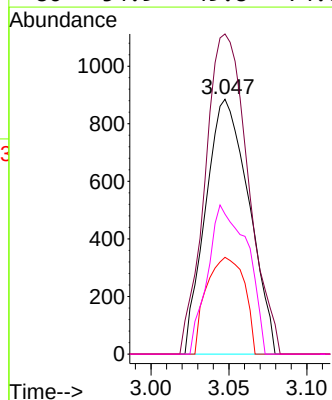
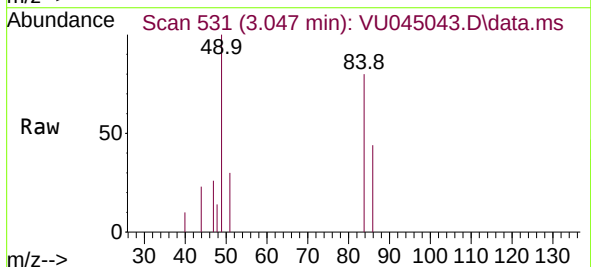
Instrument :
MSVOA_U
ClientSampled :

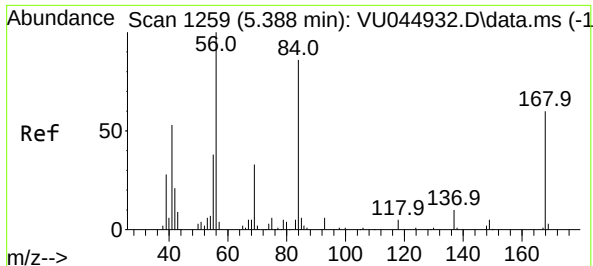
Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 24.6 25.2 37.8#



#20
Methylene Chloride
Concen: 0.570 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045043.D
Acq: 30 Sep 2021 13:43

Tgt Ion: 84 Resp: 1708
Ion Ratio Lower Upper
84 100
49 125.6 104.9 157.3
51 38.0 31.8 47.8
86 54.9 49.8 74.6

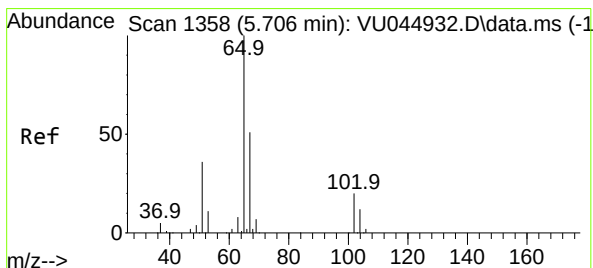
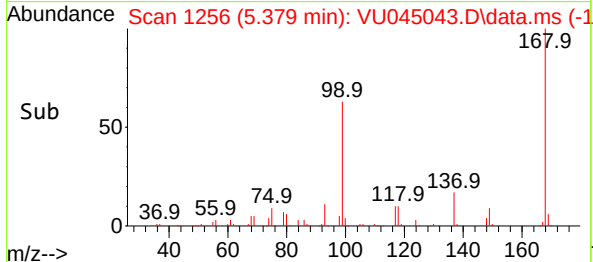
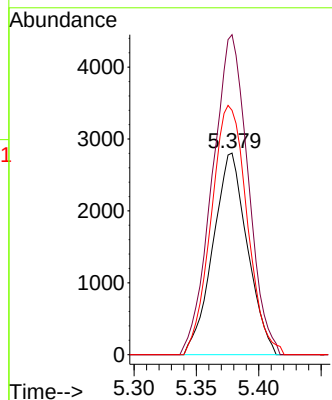
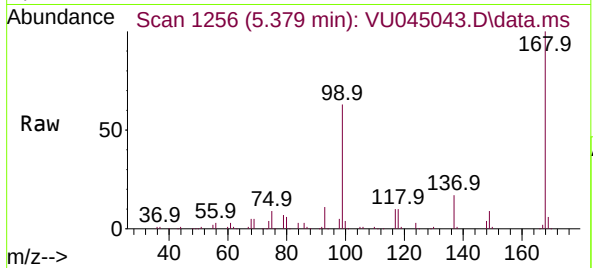




#31
Cyclohexane
Concen: 1.056 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.009 min
Lab File: VU045043.D
Acq: 30 Sep 2021 13:43

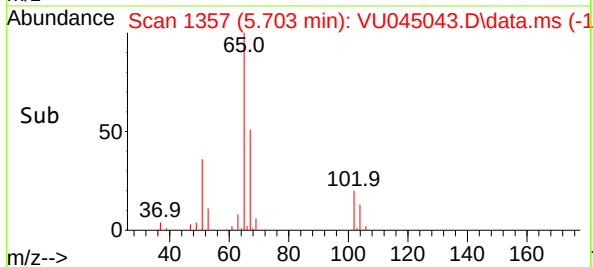
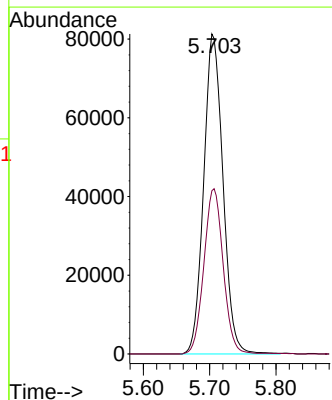
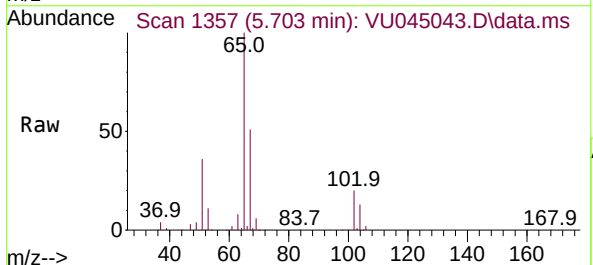
Instrument :
MSVOA_U
ClientSampled :

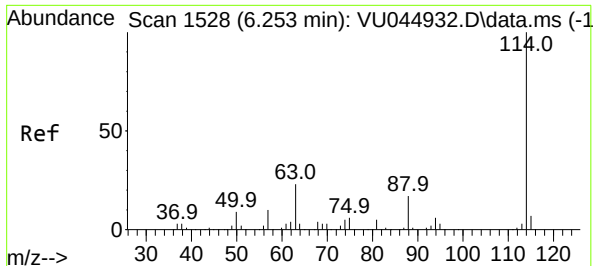
Tgt Ion: 56 Resp: 5379
Ion Ratio Lower Upper
56 100
69 158.7 25.2 37.8#
84 121.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 48.991 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045043.D
Acq: 30 Sep 2021 13:43

Tgt Ion: 65 Resp: 164247
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: VU045043.D

Acq: 30 Sep 2021 13:43

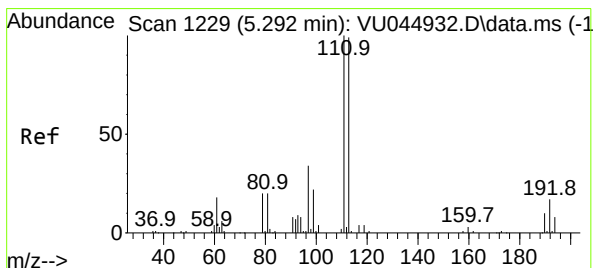
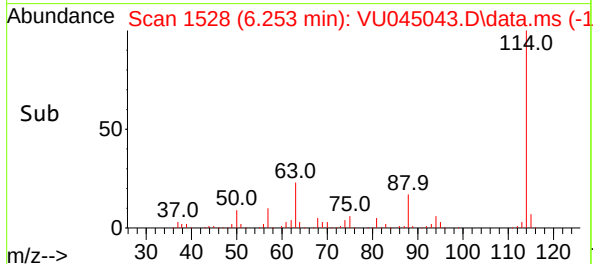
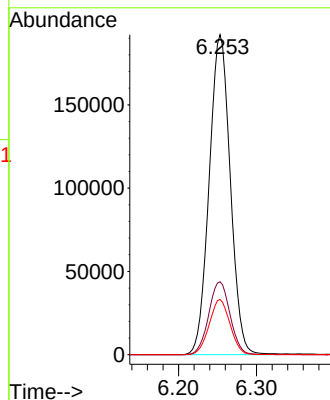
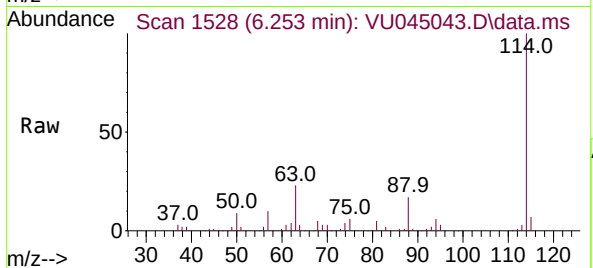
Tgt Ion:114 Resp: 360910

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.8

88 17.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.091 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045043.D

Acq: 30 Sep 2021 13:43

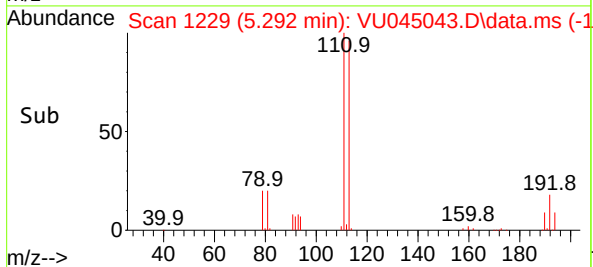
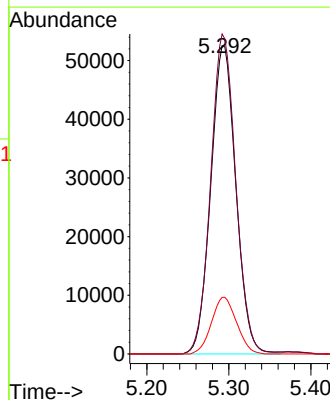
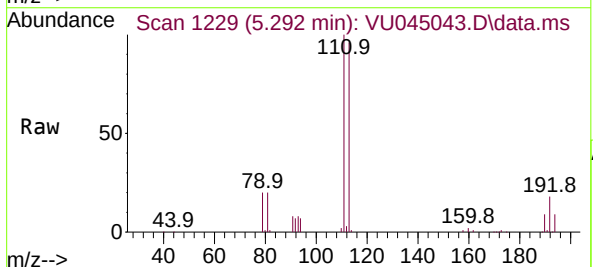
Tgt Ion:113 Resp: 111767

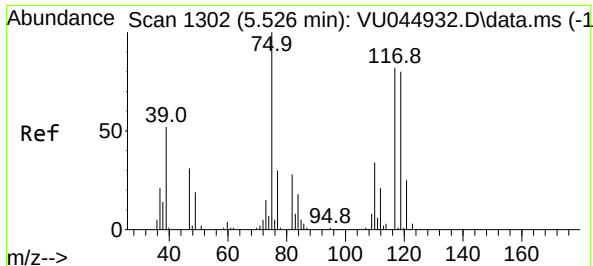
Ion Ratio Lower Upper

113 100

111 103.5 84.1 126.1

192 18.4 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.048 ug/l

RT: 5.375 min Scan# 1255

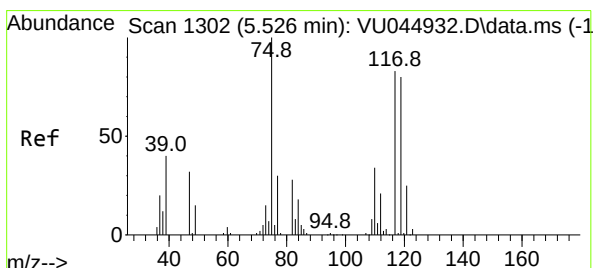
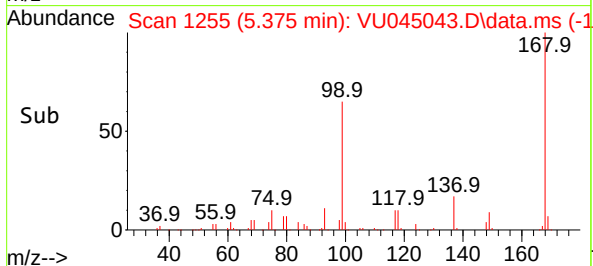
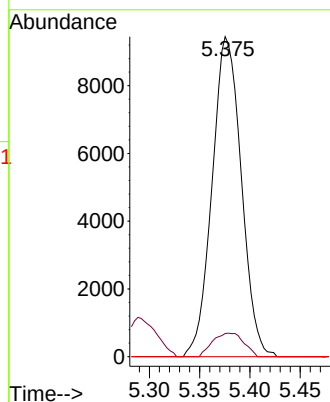
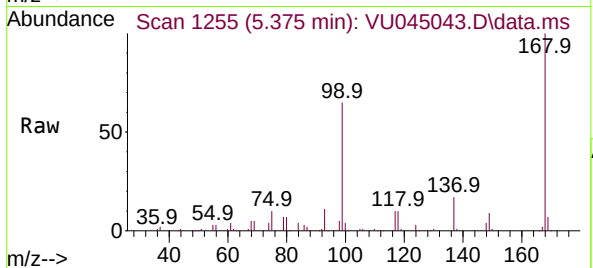
Delta R.T. -0.151 min

Lab File: VU045043.D

Acq: 30 Sep 2021 13:43

Tgt Ion:	75	Resp:	19052
Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.3	48.9#
77	0.0	25.0	37.4#

Instrument :
MSVOA_U
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.466 ug/l

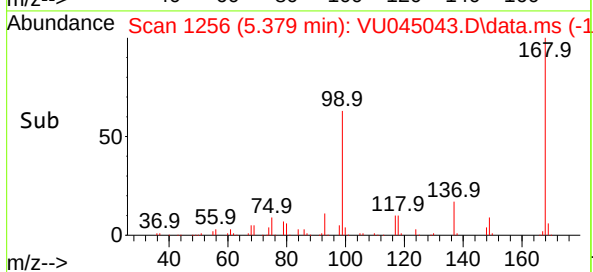
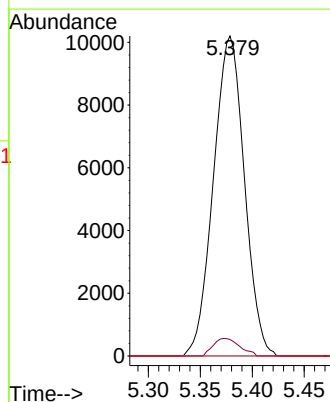
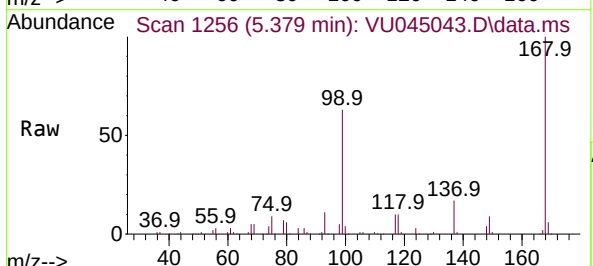
RT: 5.379 min Scan# 1256

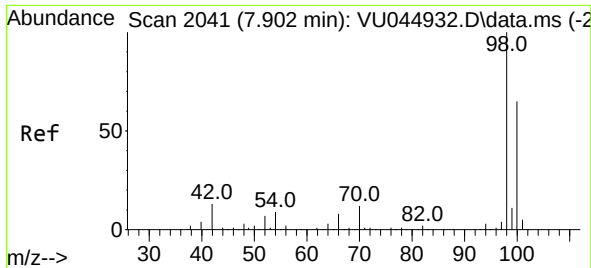
Delta R.T. -0.147 min

Lab File: VU045043.D

Acq: 30 Sep 2021 13:43

Tgt Ion:	117	Resp:	21119
Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.4	116.2#
121	0.0	24.5	36.7#

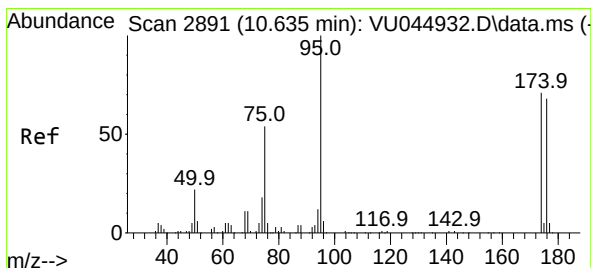
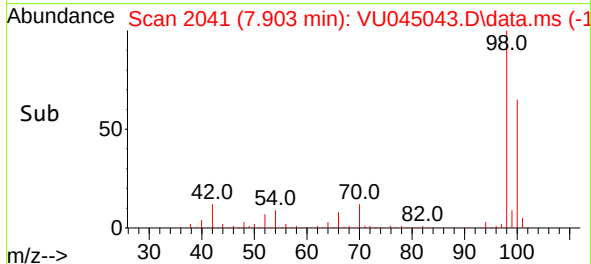
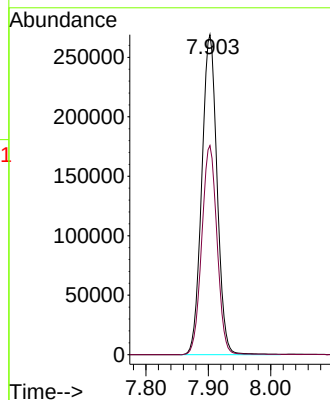
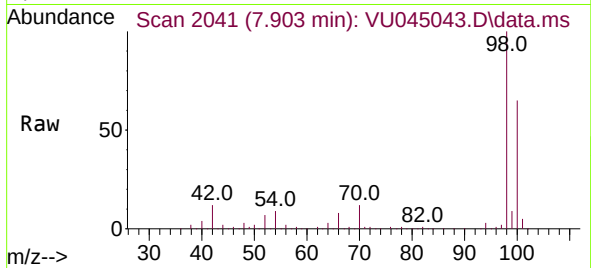




#50
Toluene-d8
Concen: 51.055 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU045043.D
Acq: 30 Sep 2021 13:43

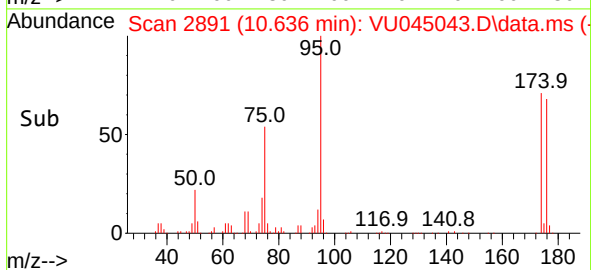
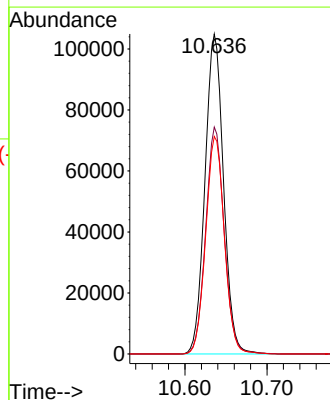
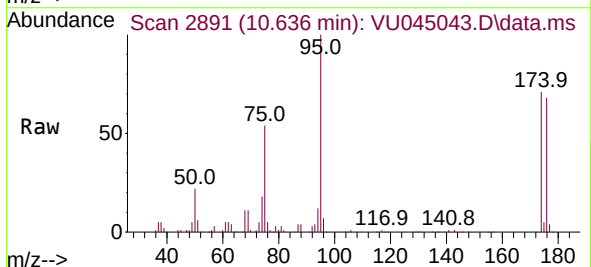
Instrument :
MSVOA_U
ClientSampled :

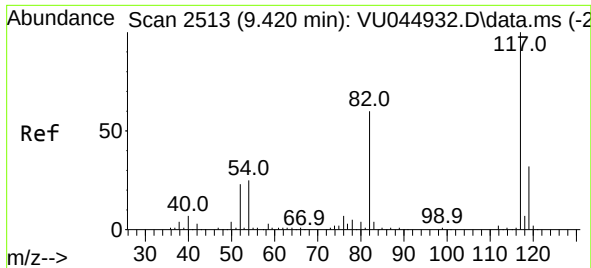
Tgt Ion: 98 Resp: 459277
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.375 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045043.D
Acq: 30 Sep 2021 13:43

Tgt Ion: 95 Resp: 164806
Ion Ratio Lower Upper
95 100
174 71.0 0.0 146.6
176 68.6 0.0 141.2

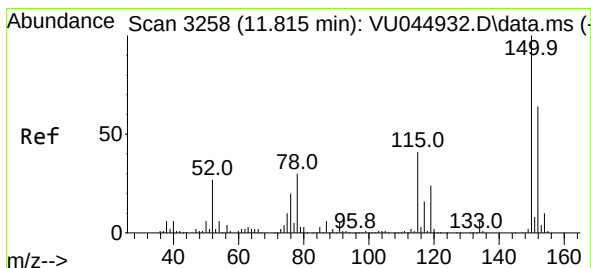
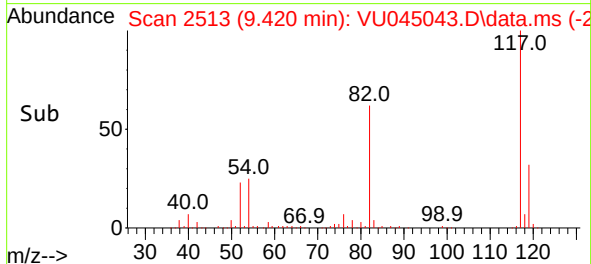
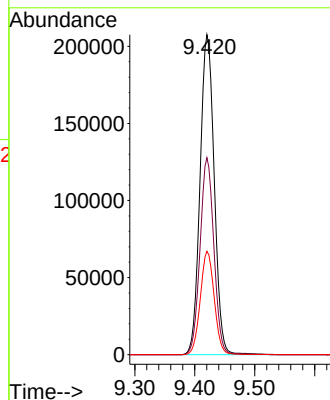
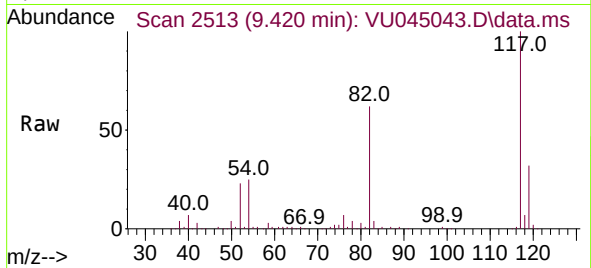




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045043.D
Acq: 30 Sep 2021 13:43

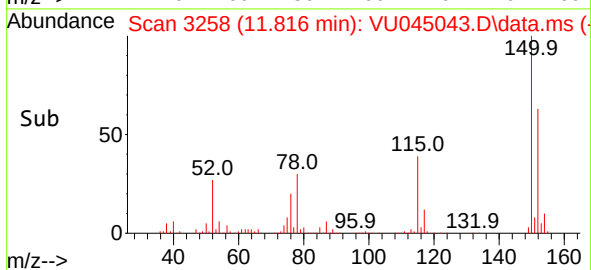
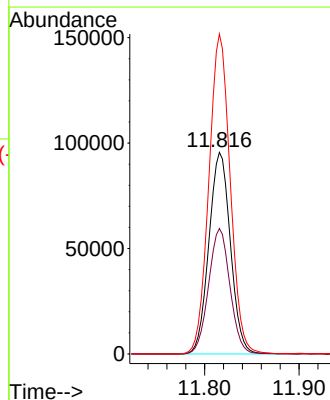
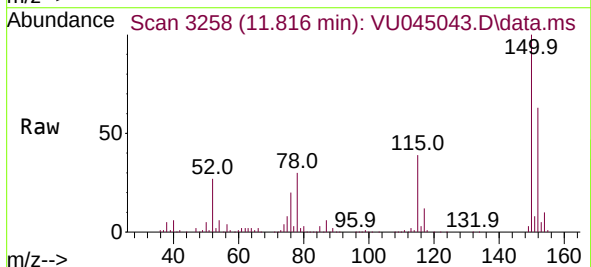
Instrument :
MSVOA_U
ClientSampleId :

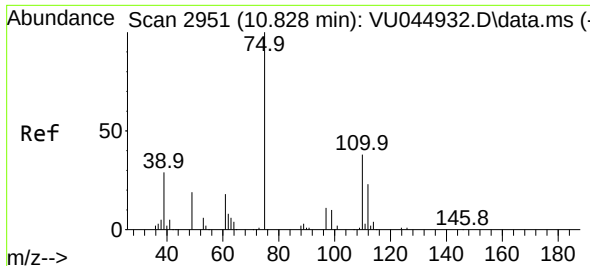
Tgt Ion:117 Resp: 342769
Ion Ratio Lower Upper
117 100
82 61.5 47.8 71.8
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045043.D
Acq: 30 Sep 2021 13:43

Tgt Ion:152 Resp: 151315
Ion Ratio Lower Upper
152 100
115 61.8 43.5 130.7
150 157.1 0.0 350.0

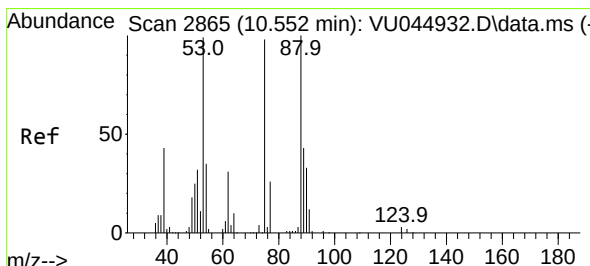
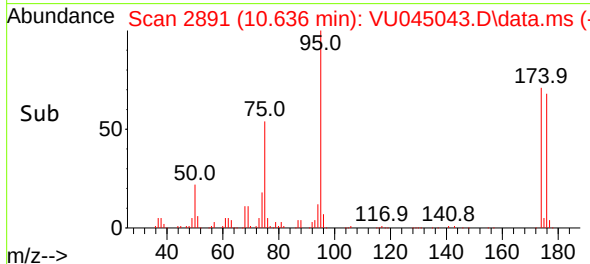
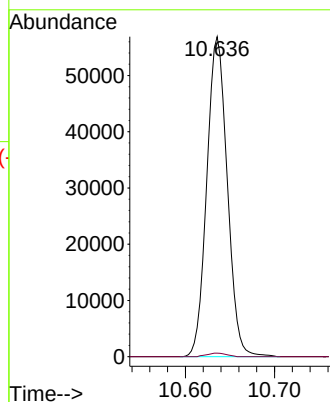
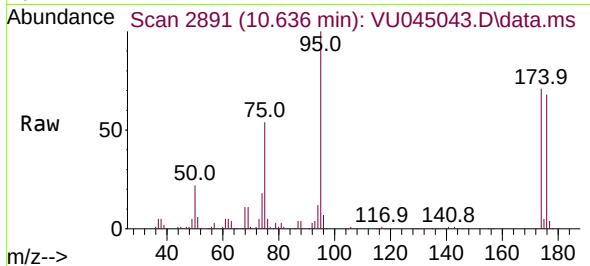




#76
1,2,3-Trichloropropane
Concen: 20.558 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.192 min
Lab File: VU045043.D
Acq: 30 Sep 2021 13:43

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 90735
Ion Ratio Lower Upper
75 100
77 1.1 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.052 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU045043.D
Acq: 30 Sep 2021 13:43

Tgt Ion: 75 Resp: 90735
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

