

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045067.D
 Acq On : 01 Oct 2021 12:55
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 02 03:10:39 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)

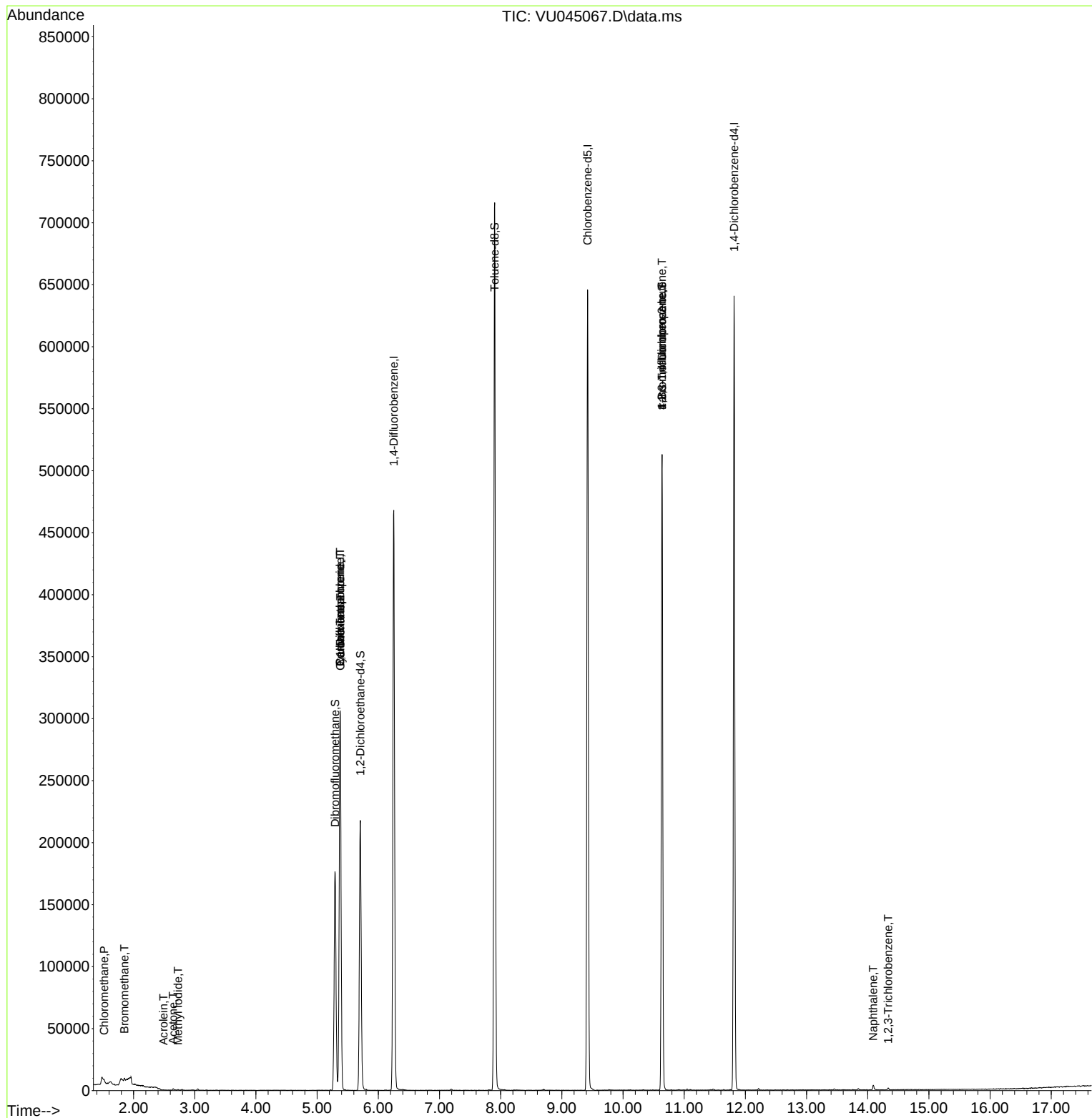
Internal Standards						
1) Pentafluorobenzene	5.375	168	200344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	364062	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	345184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	151521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	164987	49.472	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	98.940%	
35) Dibromofluoromethane	5.292	113	113804	49.553	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.100%	
50) Toluene-d8	7.902	98	457836	50.454	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.900%	
62) 4-Bromofluorobenzene	10.639	95	171180	45.692	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	945	0.294	ug/l	98
5) Bromomethane	1.851	94	759	0.603	ug/l	99
10) Methyl Iodide	2.729	142	533	0.207	ug/l #	89
13) Acrolein	2.491	56	19	3.225	ug/l #	14
16) Acetone	2.645	43	1182	0.597	ug/l #	87
31) Cyclohexane	5.378	56	5327	1.052	ug/l #	9
36) 1,1-Dichloropropene	5.375	75	18679	4.906	ug/l #	50
38) Carbon Tetrachloride	5.375	117	21707	6.589	ug/l #	16
76) 1,2,3-Trichloropropane	10.639	75	91781	20.767	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.639	75	91781	57.632	ug/l #	9
95) Naphthalene	14.089	128	3750	0.335	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.336	180	598	0.200	ug/l	91

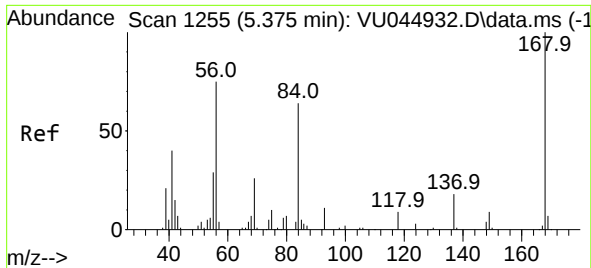
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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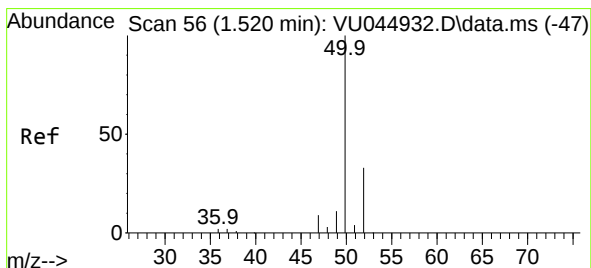
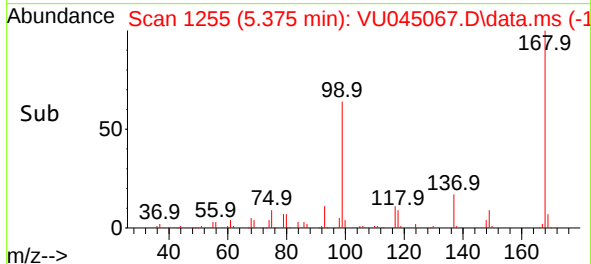
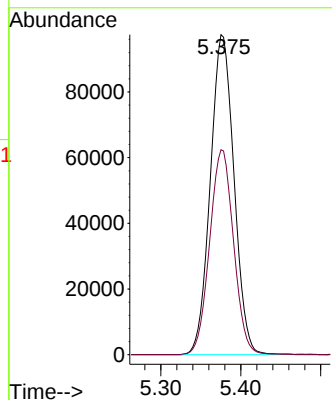
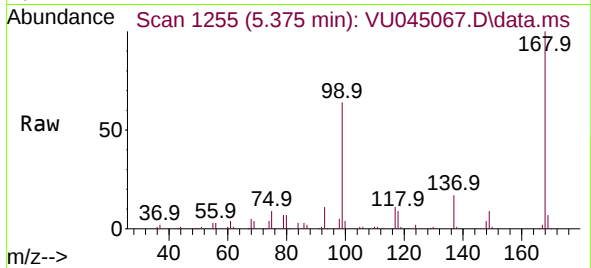




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

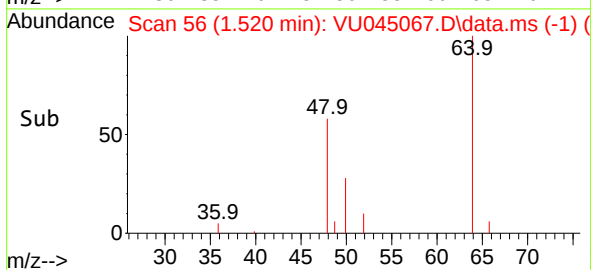
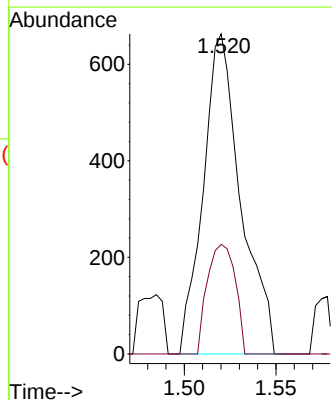
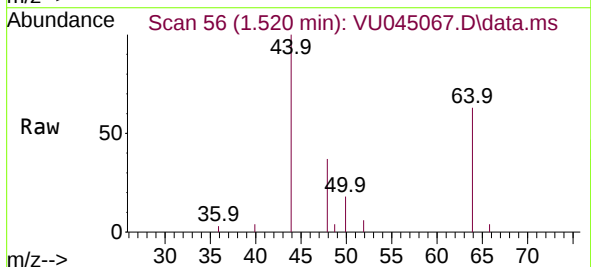
Instrument :
MSVOA_U
ClientSampled :

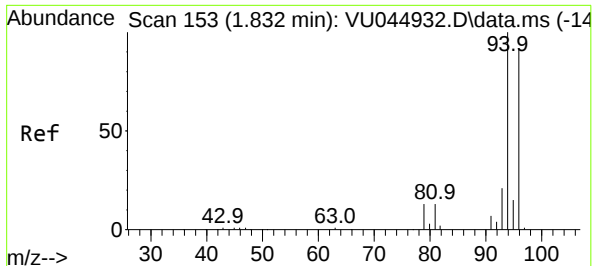
Tgt Ion:168 Resp: 200344
Ion Ratio Lower Upper
168 100
99 64.0 51.4 77.0



#3
Chloromethane
Concen: 0.294 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

Tgt Ion: 50 Resp: 945
Ion Ratio Lower Upper
50 100
52 34.2 26.3 39.5

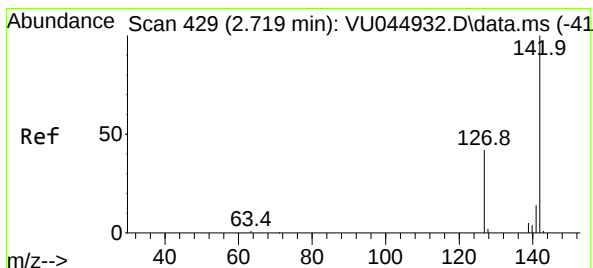
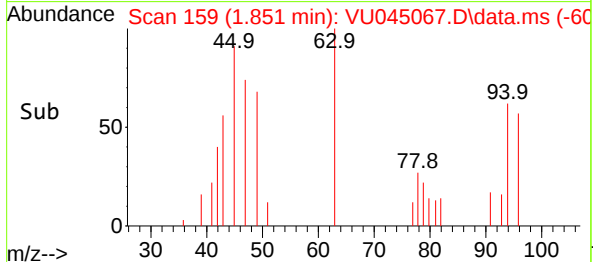
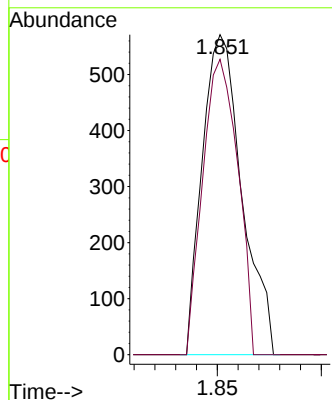
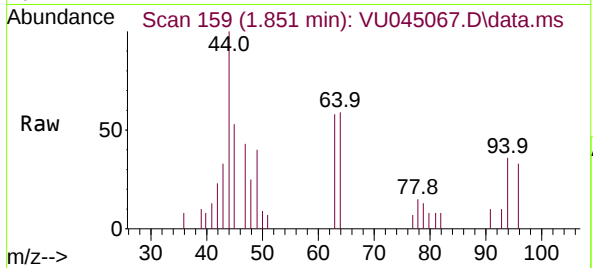




#5
Bromomethane
Concen: 0.603 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.019 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

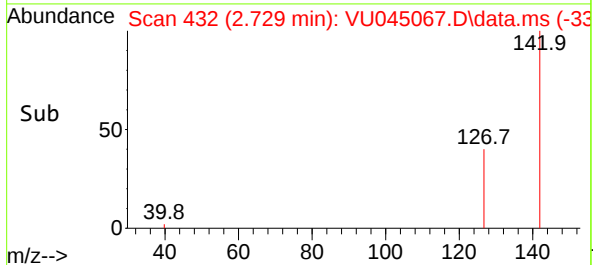
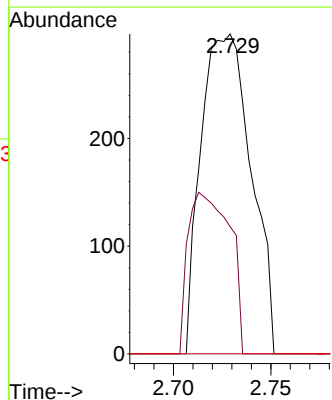
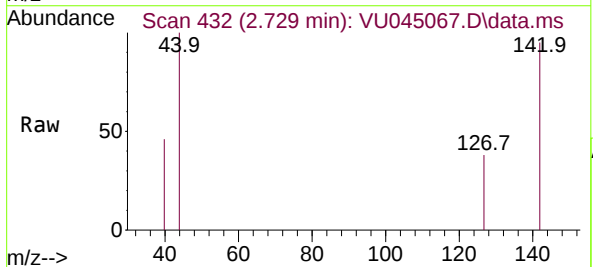
Instrument :
MSVOA_U
ClientSampled :

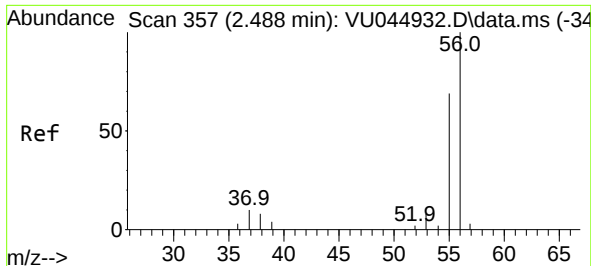
Tgt Ion: 94 Resp: 759
Ion Ratio Lower Upper
94 100
96 92.3 74.5 111.7



#10
Methyl Iodide
Concen: 0.207 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.010 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

Tgt Ion: 142 Resp: 533
Ion Ratio Lower Upper
142 100
127 42.0 35.6 53.4
141 0.0 11.3 16.9#

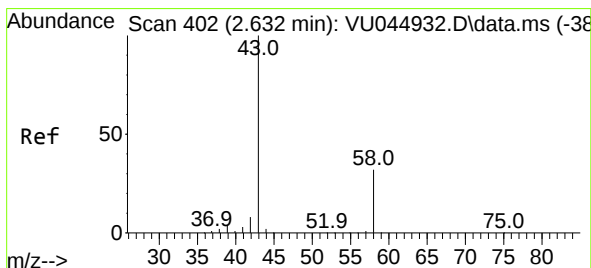
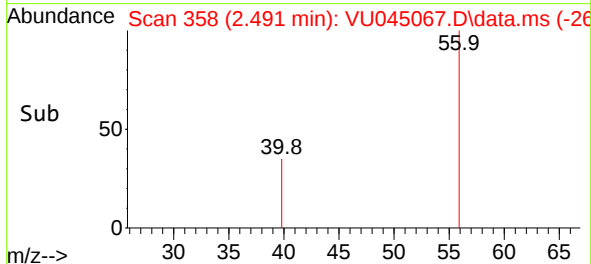
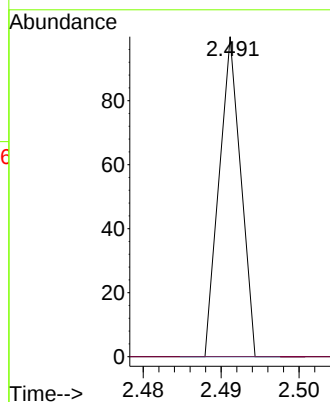
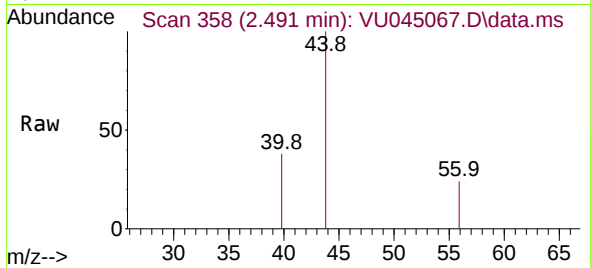




#13
Acrolein
Concen: 3.225 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

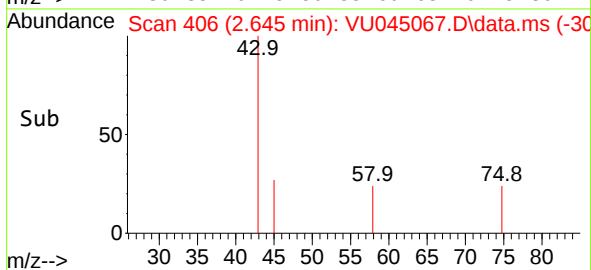
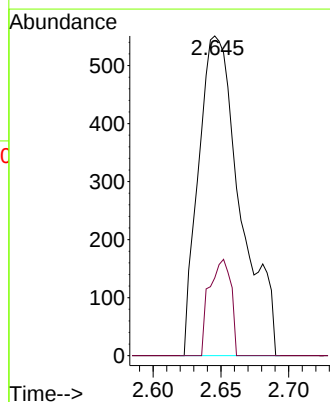
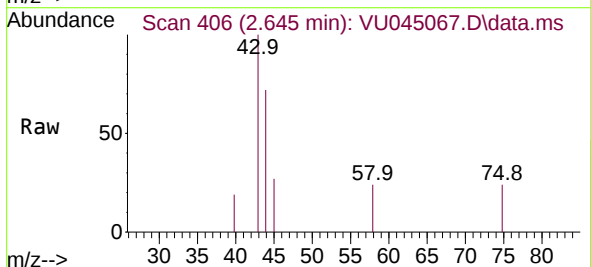
Instrument :
MSVOA_U
ClientSampled :

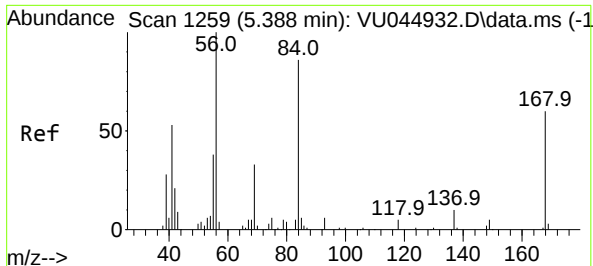
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 0.597 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.013 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

Tgt Ion: 43 Resp: 1182
Ion Ratio Lower Upper
43 100
58 24.3 25.2 37.8#

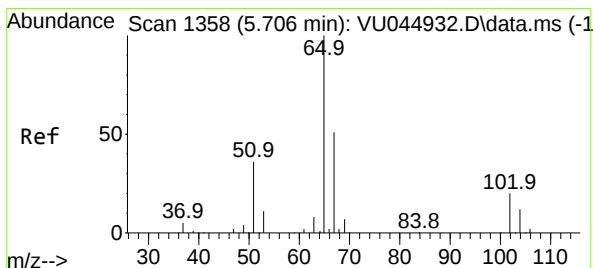
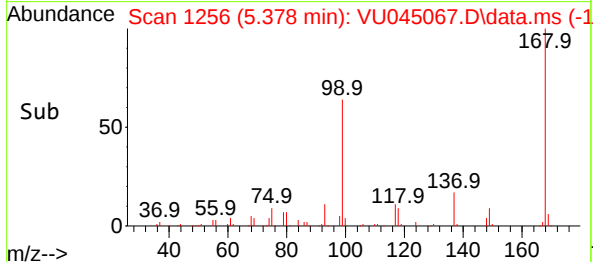
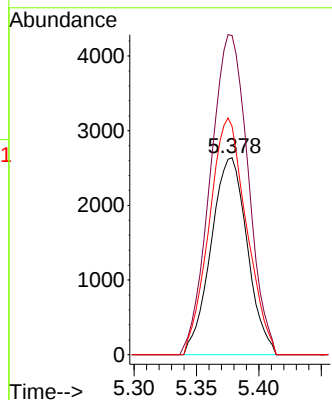
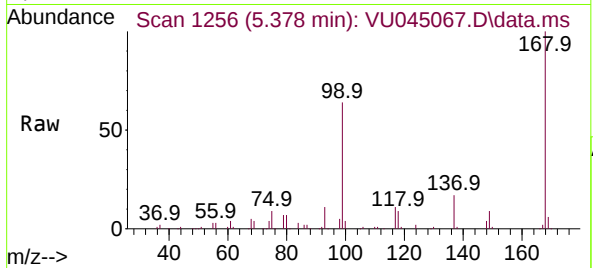




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.010 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

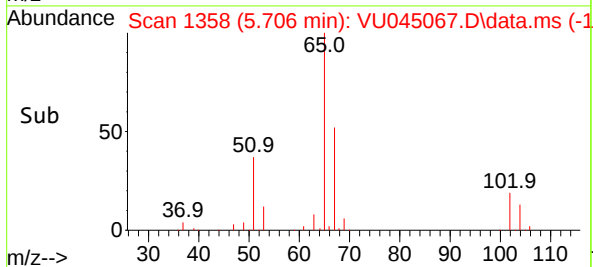
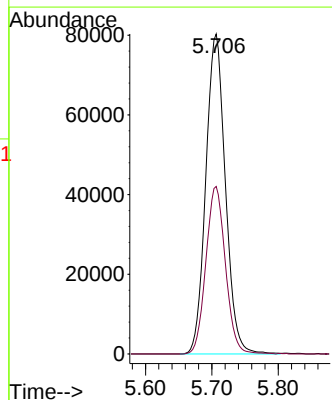
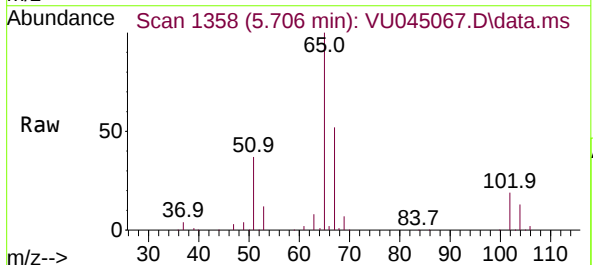
Instrument :
MSVOA_U
ClientSampleId :

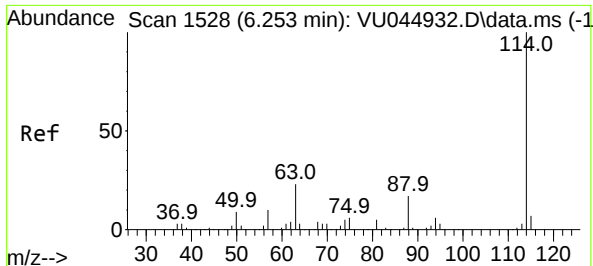
Tgt Ion: 56 Resp: 5327
Ion Ratio Lower Upper
56 100
69 162.0 25.2 37.8#
84 115.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 49.472 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

Tgt Ion: 65 Resp: 164987
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8

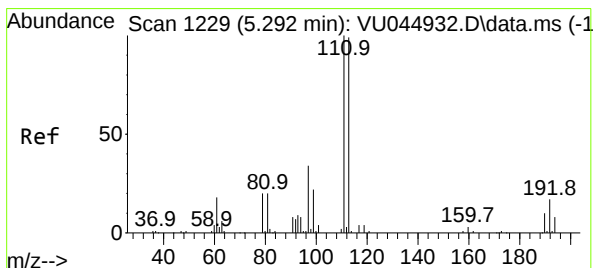
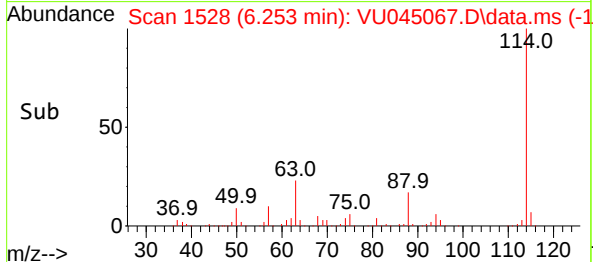
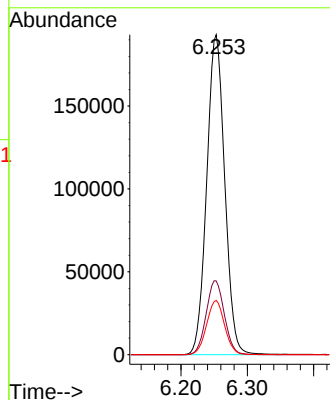
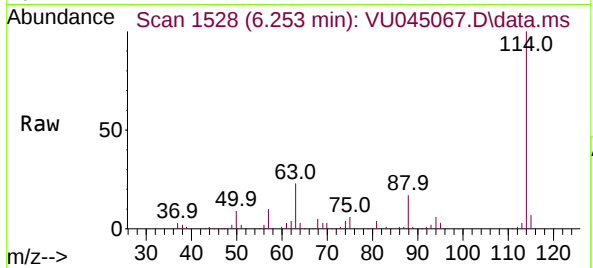




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

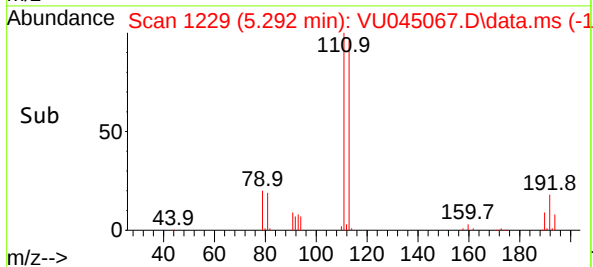
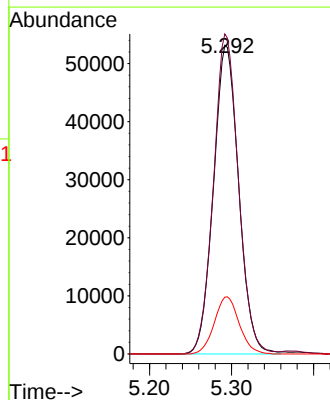
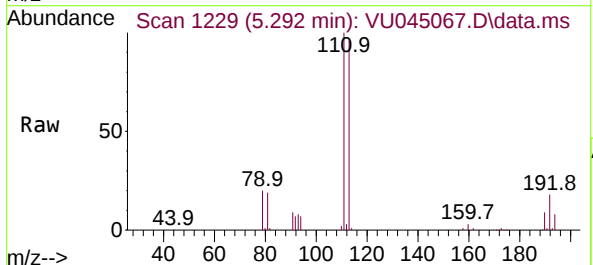
Instrument :
MSVOA_U
ClientSampled :

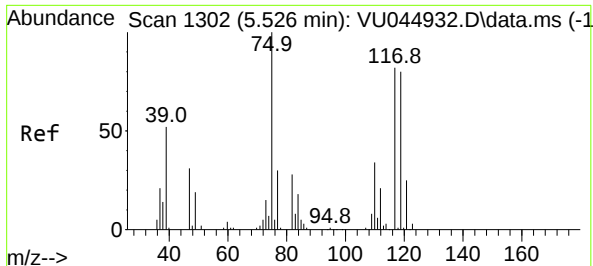
Tgt Ion:114 Resp: 364062
Ion Ratio Lower Upper
114 100
63 23.0 0.0 47.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.553 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

Tgt Ion:113 Resp: 113804
Ion Ratio Lower Upper
113 100
111 102.6 84.1 126.1
192 18.3 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.906 ug/l

RT: 5.375 min Scan# 1255

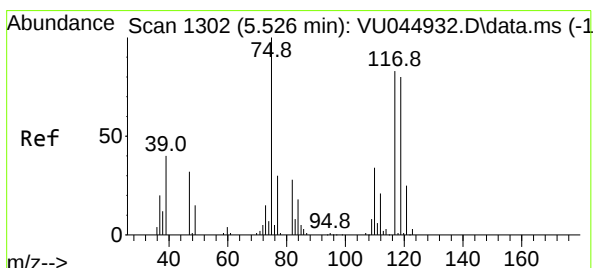
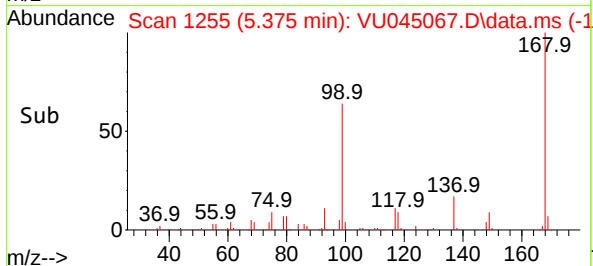
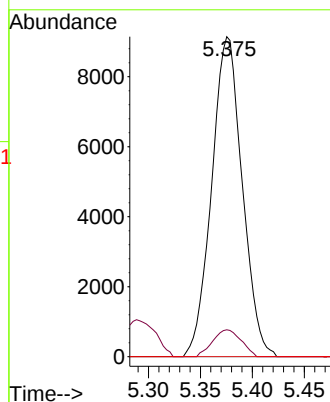
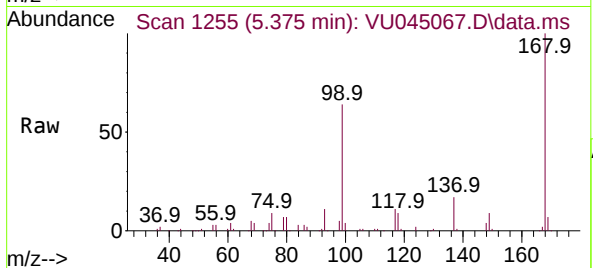
Delta R.T. -0.151 min

Lab File: VU045067.D

Acq: 01 Oct 2021 12:55

Tgt Ion:	75	Resp:	18679
Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.3	48.9#
77	0.0	25.0	37.4#

Instrument :
MSVOA_U
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.589 ug/l

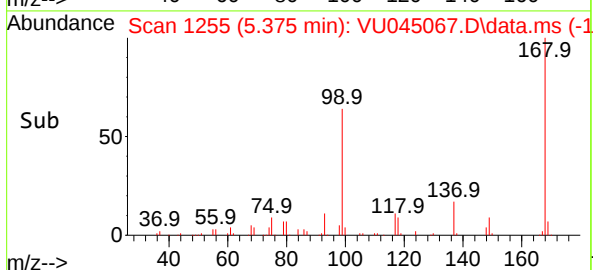
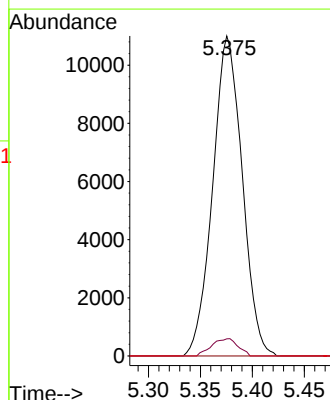
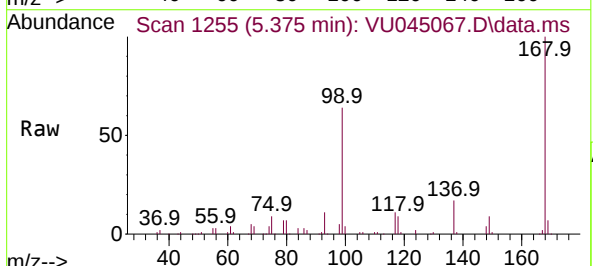
RT: 5.375 min Scan# 1255

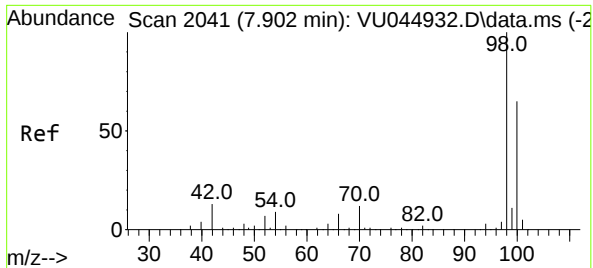
Delta R.T. -0.151 min

Lab File: VU045067.D

Acq: 01 Oct 2021 12:55

Tgt Ion:	117	Resp:	21707
Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.4	116.2#
121	0.0	24.5	36.7#

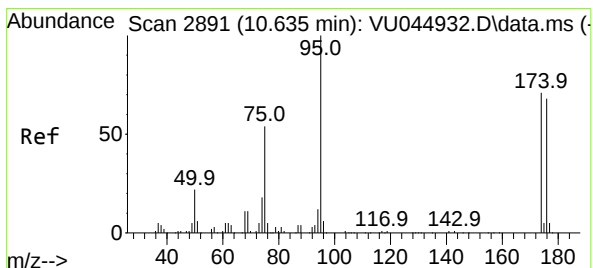
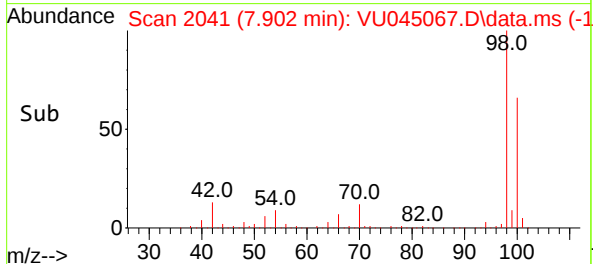
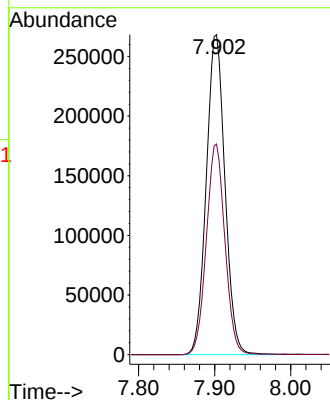
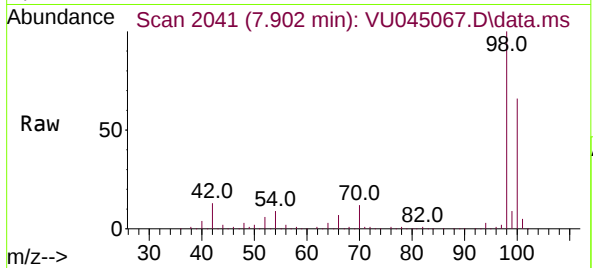




#50
Toluene-d8
Concen: 50.454 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

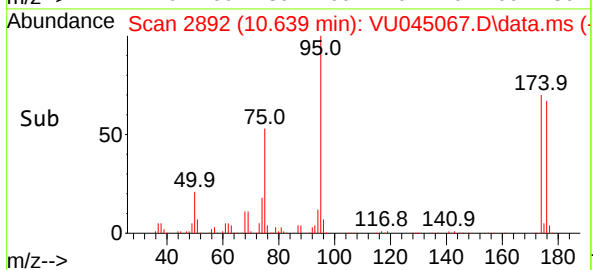
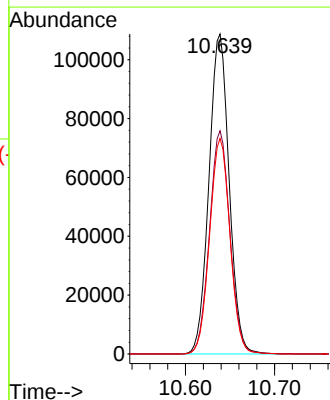
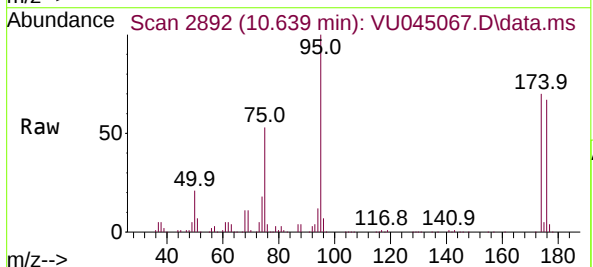
Instrument :
MSVOA_U
ClientSampled :

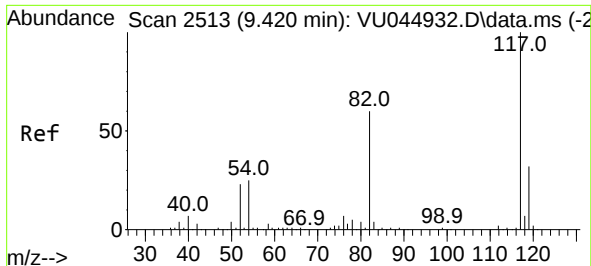
Tgt Ion: 98 Resp: 457836
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.692 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.004 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

Tgt Ion: 95 Resp: 171180
Ion Ratio Lower Upper
95 100
174 70.7 0.0 146.6
176 67.8 0.0 141.2

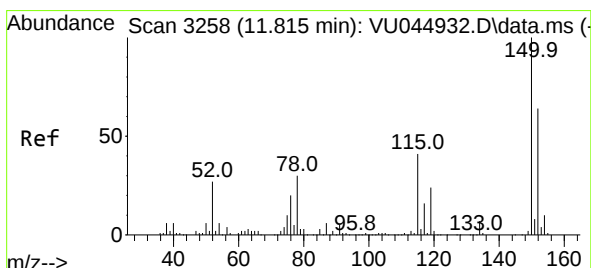
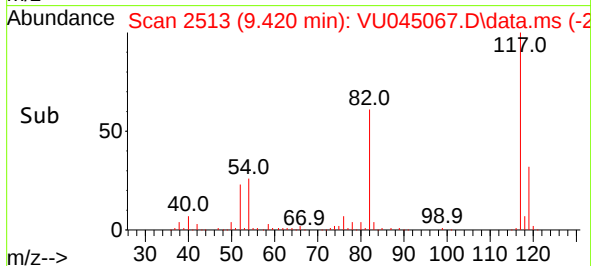
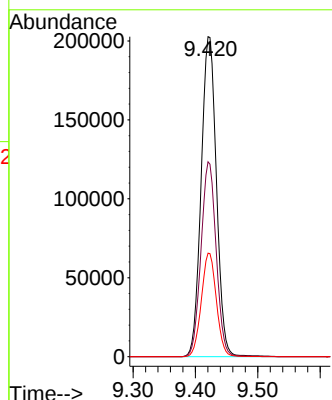
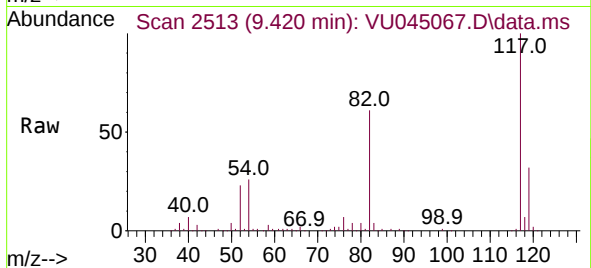




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

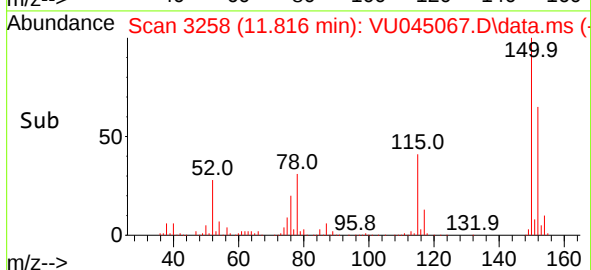
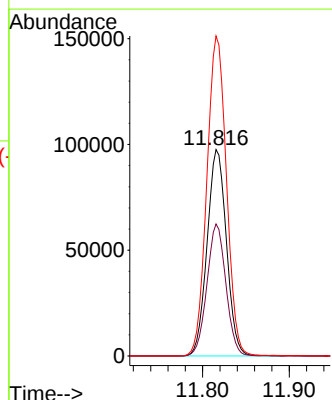
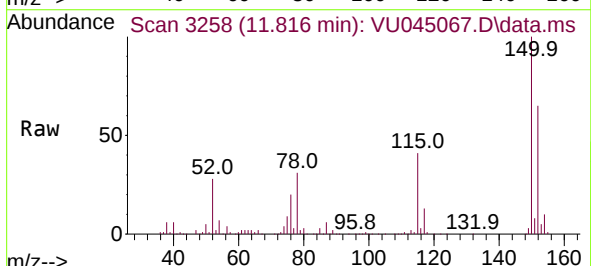
Instrument :
MSVOA_U
ClientSampleId :

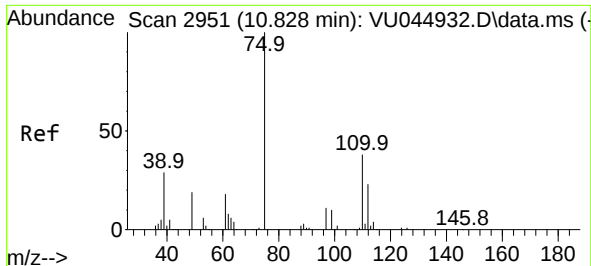
Tgt Ion:117 Resp: 345184
Ion Ratio Lower Upper
117 100
82 60.9 47.8 71.8
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

Tgt Ion:152 Resp: 151521
Ion Ratio Lower Upper
152 100
115 62.5 43.5 130.7
150 157.0 0.0 350.0

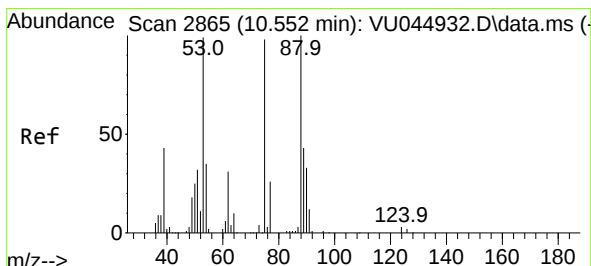
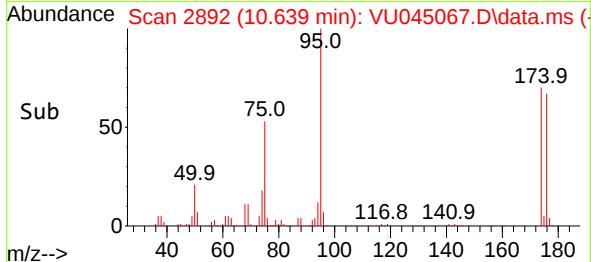
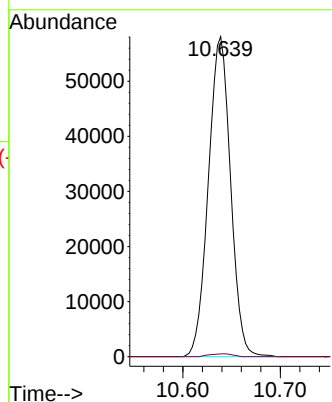
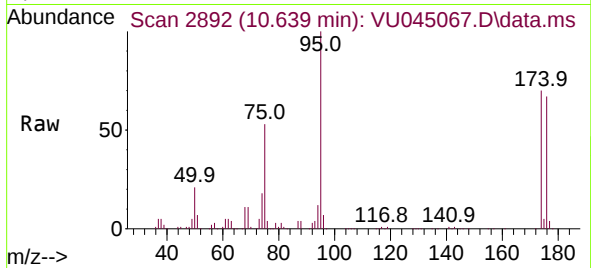




#76
1,2,3-Trichloropropane
Concen: 20.767 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.189 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

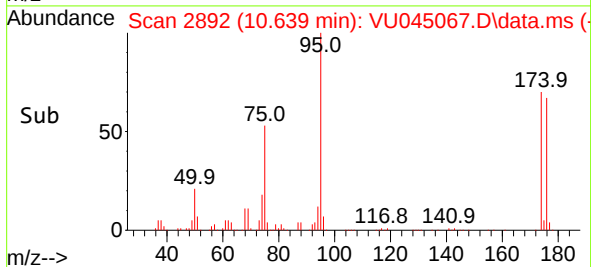
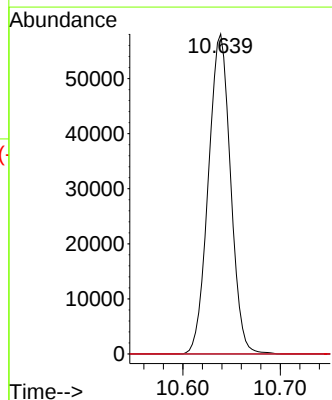
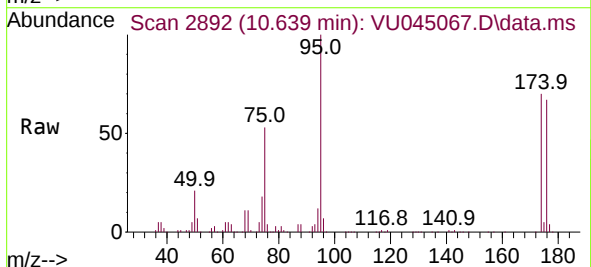
Instrument :
MSVOA_U
ClientSampled :

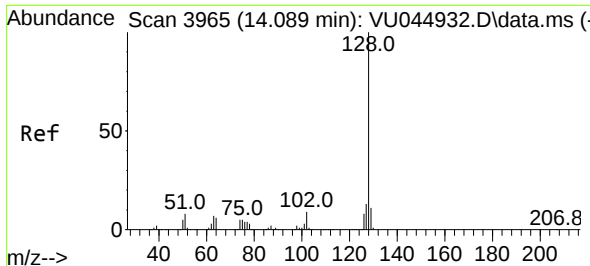
Tgt Ion: 75 Resp: 91781
Ion Ratio Lower Upper
75 100
77 0.9 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.632 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

Tgt Ion: 75 Resp: 91781
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

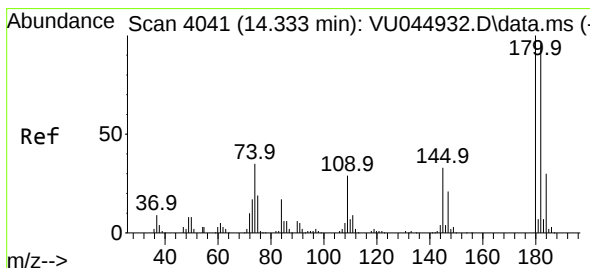
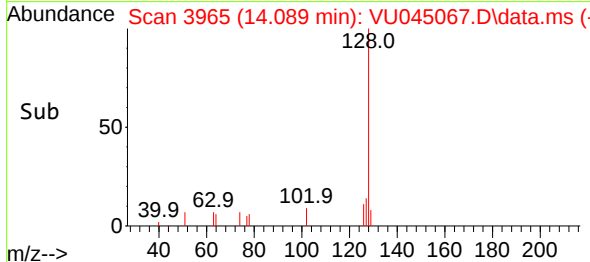
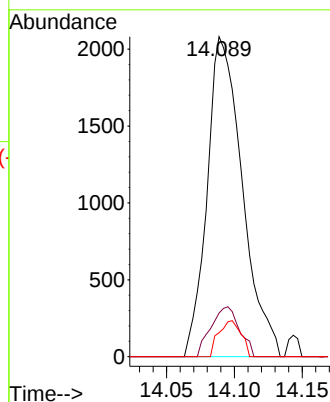
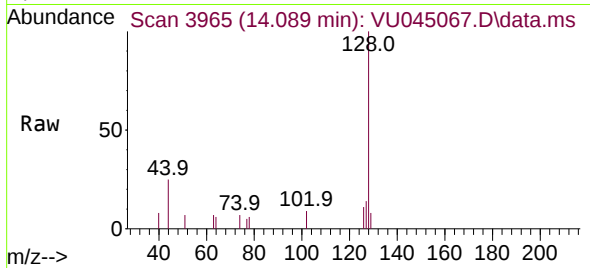




#95
Naphthalene
Concen: 0.335 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	3750
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.4 15.6
129	7.2	8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.200 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045067.D
Acq: 01 Oct 2021 12:55

Tgt Ion:180	Resp:	598
Ion Ratio	Lower	Upper
180	100	
182	97.7	47.1 141.4
145	19.4	16.4 49.2

