

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045047.D
 Acq On : 30 Sep 2021 15:17
 Operator : SY/MD
 Sample : M3937-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 05:39:46 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)

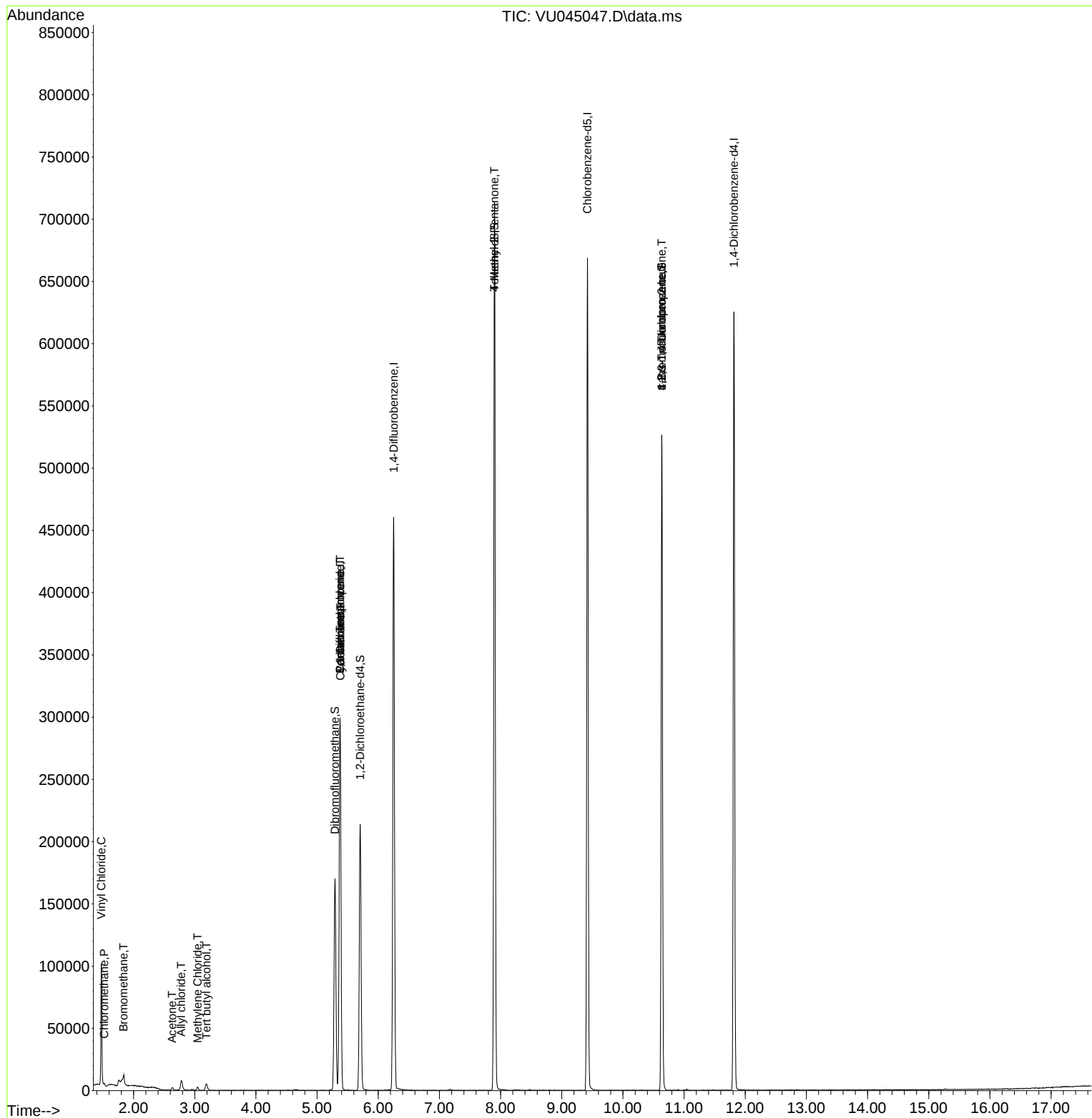
Internal Standards						
1) Pentafluorobenzene	5.375	168	195691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	356882	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	342313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	153446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	159861	49.074	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.140%
35) Dibromofluoromethane	5.292	113	109341	48.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.140%
50) Toluene-d8	7.899	98	452256	50.842	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.680%
62) 4-Bromofluorobenzene	10.635	95	172184	46.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1310	0.417	ug/l	96
4) Vinyl Chloride	1.472	62	858	0.274	ug/l #	1
5) Bromomethane	1.832	94	485	0.395	ug/l	95
11) Tert butyl alcohol	3.189	59	3694	3.951	ug/l #	72
14) Allyl chloride	2.777	41	1016	0.237	ug/l #	80
16) Acetone	2.629	43	2634	1.362	ug/l	99
20) Methylene Chloride	3.047	84	1349	0.463	ug/l #	75
31) Cyclohexane	5.378	56	5008	1.012	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	18153	4.864	ug/l #	49
38) Carbon Tetrachloride	5.375	117	20610	6.382	ug/l #	15
51) 4-Methyl-2-Pentanone	7.899	43	2227	0.412	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	93607	20.914	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	93607	58.041	ug/l #	9

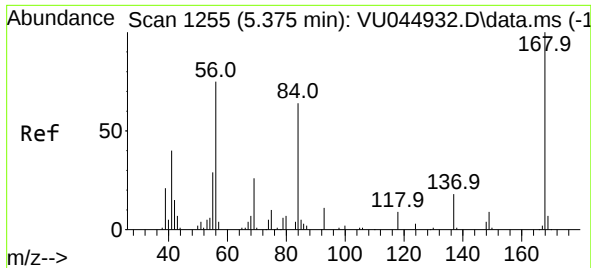
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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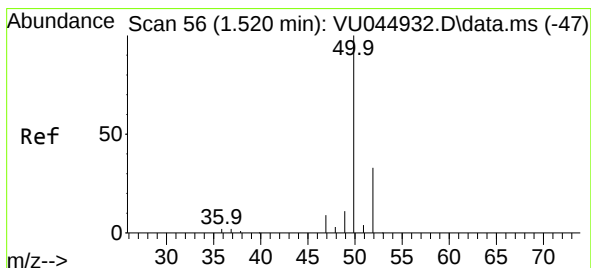
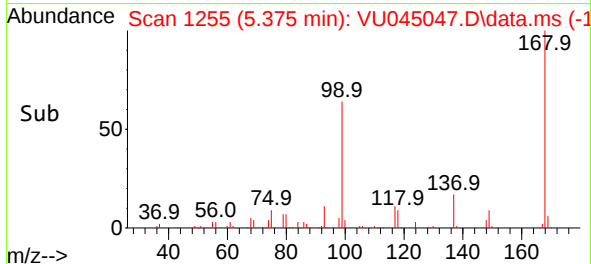
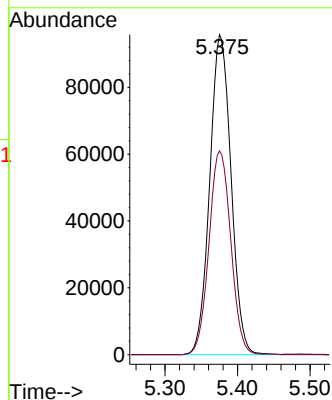
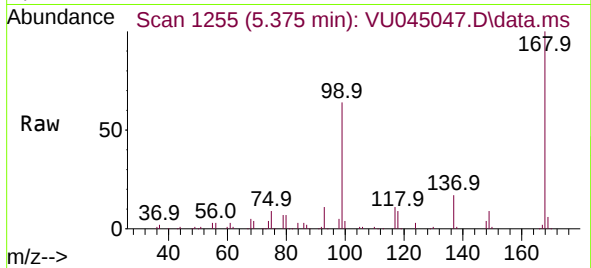




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045047.D
Acq: 30 Sep 2021 15:17

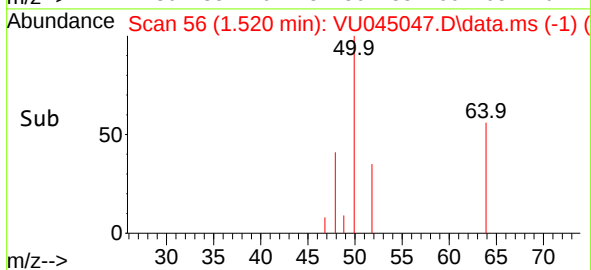
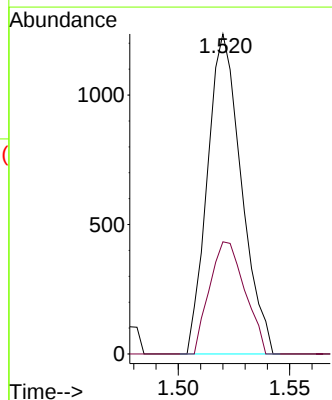
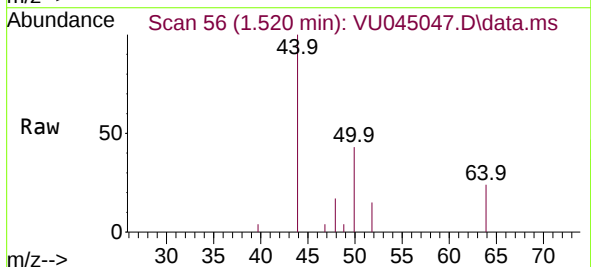
Instrument :
MSVOA_U
ClientSampleId :

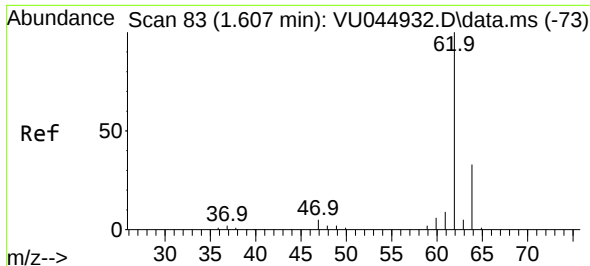
Tgt Ion:168 Resp: 195691
Ion Ratio Lower Upper
168 100
99 63.7 51.4 77.0



#3
Chloromethane
Concen: 0.417 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045047.D
Acq: 30 Sep 2021 15:17

Tgt Ion: 50 Resp: 1310
Ion Ratio Lower Upper
50 100
52 35.0 26.3 39.5

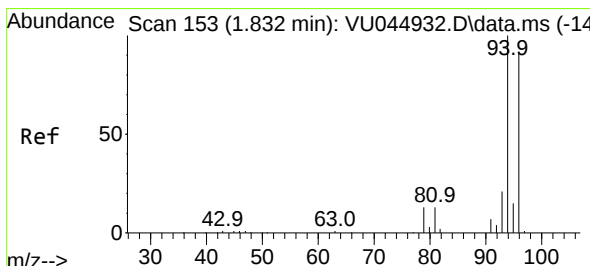
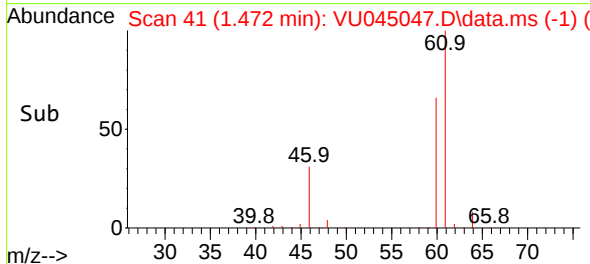
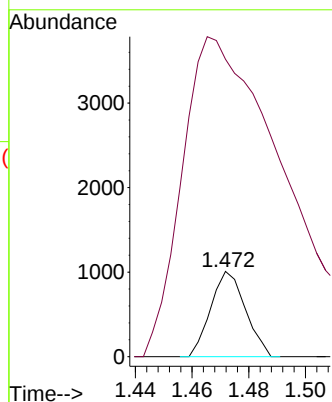
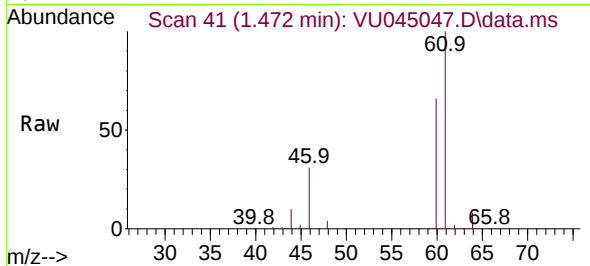




#4
 Vinyl Chloride
 Concen: 0.274 ug/l
 RT: 1.472 min Scan# 41
 Delta R.T. -0.135 min
 Lab File: VU045047.D
 Acq: 30 Sep 2021 15:17

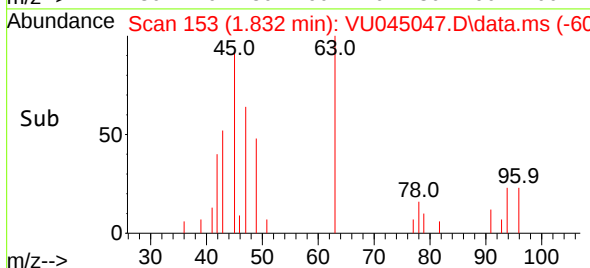
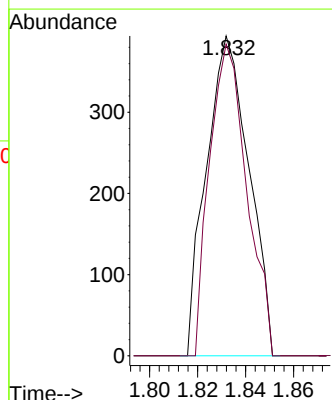
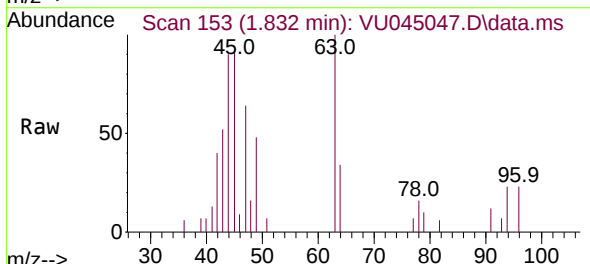
Instrument :
 MSVOA_U
 ClientSampleId :

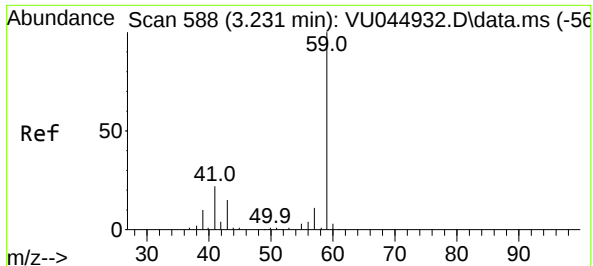
Tgt Ion: 62 Resp: 858
 Ion Ratio Lower Upper
 62 100
 64 151.7 25.6 38.4#



#5
 Bromomethane
 Concen: 0.395 ug/l
 RT: 1.832 min Scan# 153
 Delta R.T. -0.000 min
 Lab File: VU045047.D
 Acq: 30 Sep 2021 15:17

Tgt Ion: 94 Resp: 485
 Ion Ratio Lower Upper
 94 100
 96 97.5 74.5 111.7



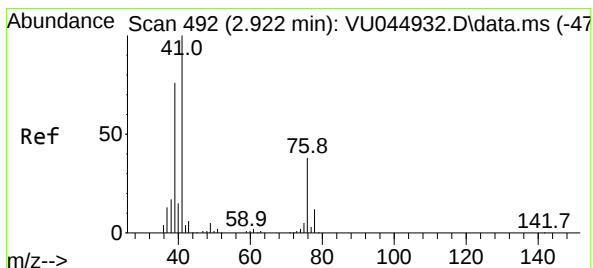
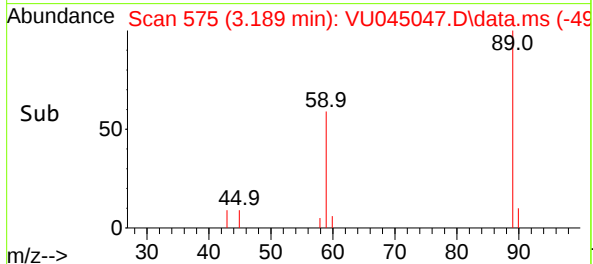
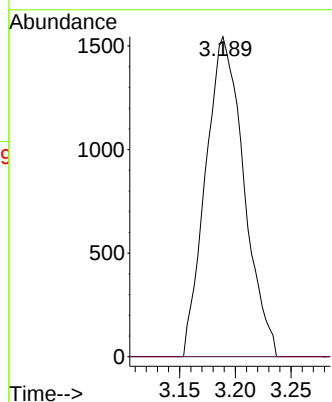
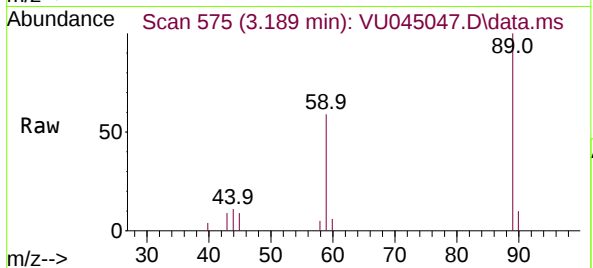


#11

Tert butyl alcohol
Concen: 3.951 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.042 min
Lab File: VU045047.D
Acq: 30 Sep 2021 15:17

Instrument :
MSVOA_U
ClientSampleId :

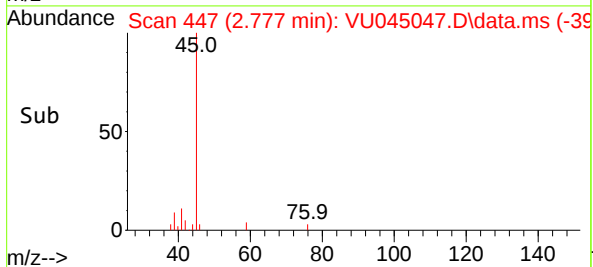
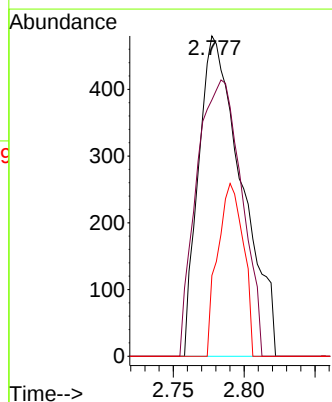
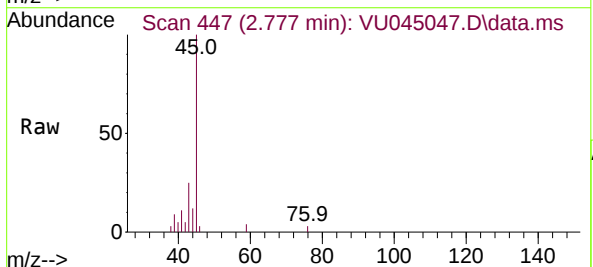
Tgt Ion: 59 Resp: 3694
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

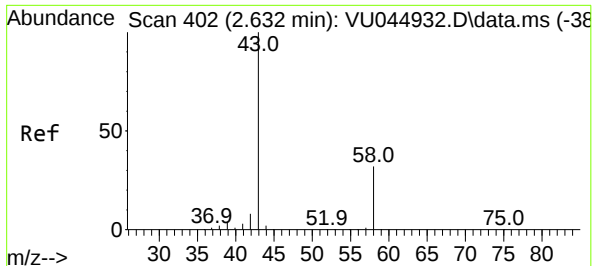


#14

Allyl chloride
Concen: 0.237 ug/l
RT: 2.777 min Scan# 447
Delta R.T. -0.145 min
Lab File: VU045047.D
Acq: 30 Sep 2021 15:17

Tgt Ion: 41 Resp: 1016
Ion Ratio Lower Upper
41 100
39 89.5 53.0 79.6#
76 32.0 25.7 38.5

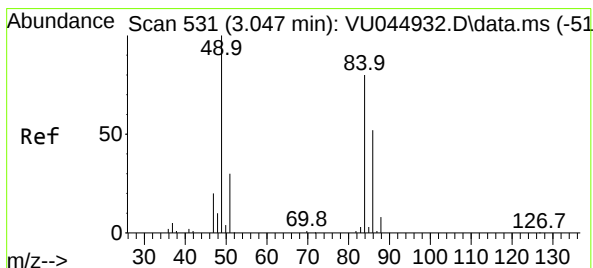
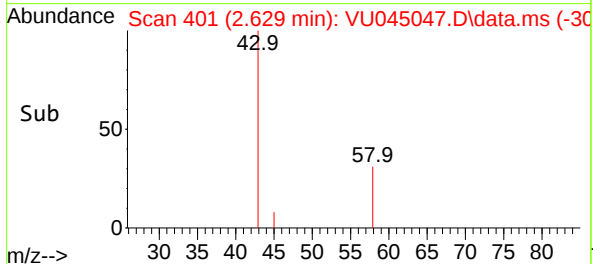
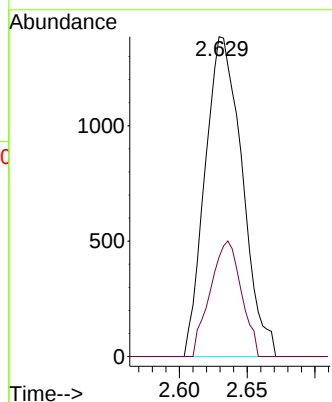
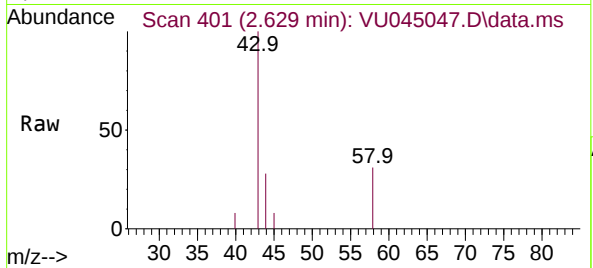




#16
Acetone
Concen: 1.362 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU045047.D
Acq: 30 Sep 2021 15:17

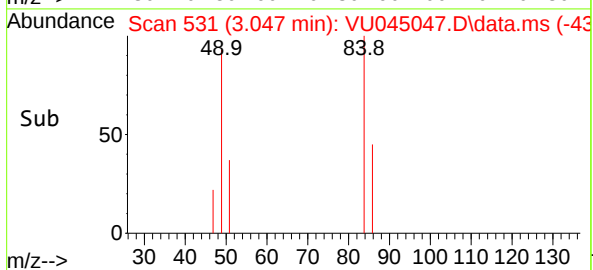
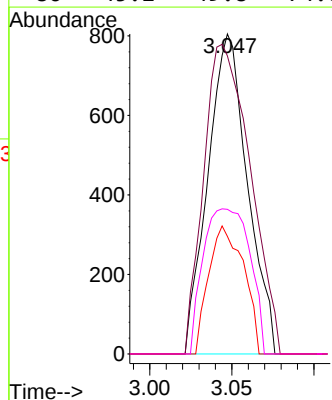
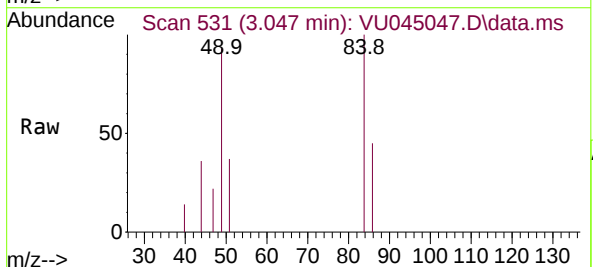
Instrument :
MSVOA_U
ClientSampled :

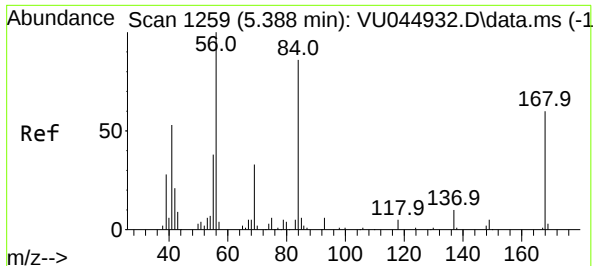
Tgt Ion: 43 Resp: 2634
Ion Ratio Lower Upper
43 100
58 31.1 25.2 37.8



#20
Methylene Chloride
Concen: 0.463 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045047.D
Acq: 30 Sep 2021 15:17

Tgt Ion: 84 Resp: 1349
Ion Ratio Lower Upper
84 100
49 93.2 104.9 157.3#
51 36.8 31.8 47.8
86 45.2 49.8 74.6#

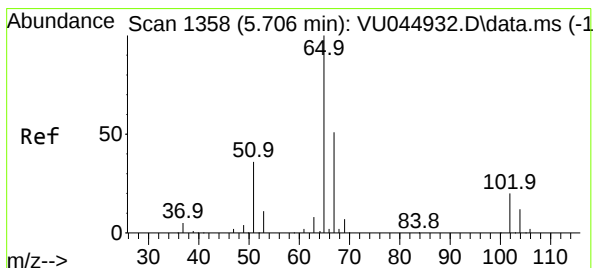
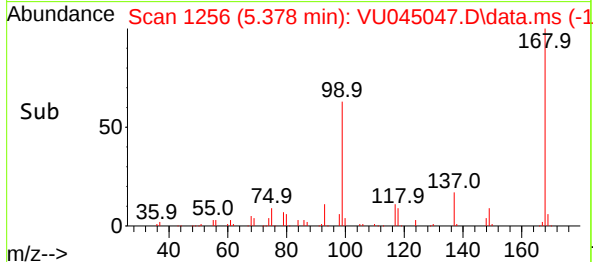
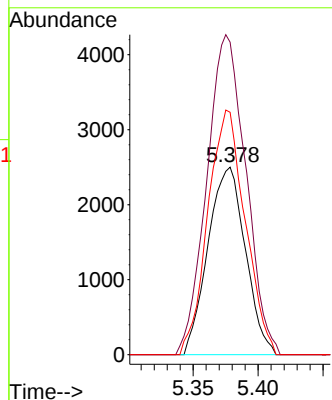
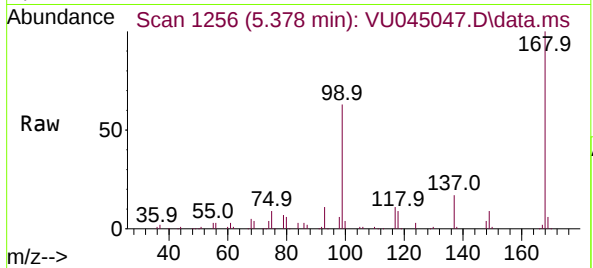




#31
Cyclohexane
Concen: 1.012 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.010 min
Lab File: VU045047.D
Acq: 30 Sep 2021 15:17

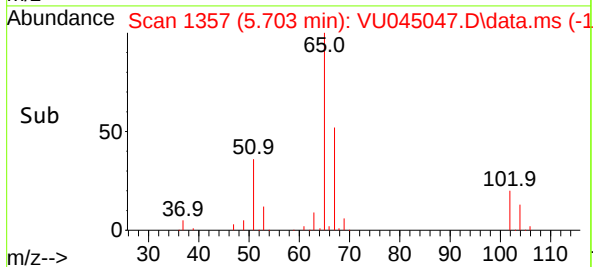
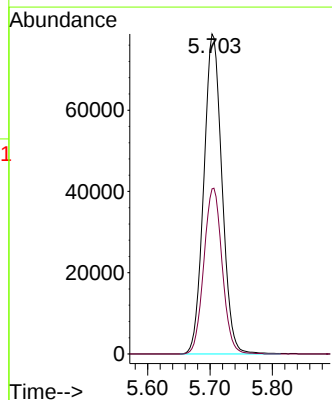
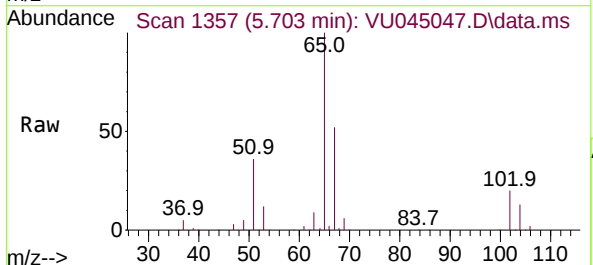
Instrument :
MSVOA_U
ClientSampleId :

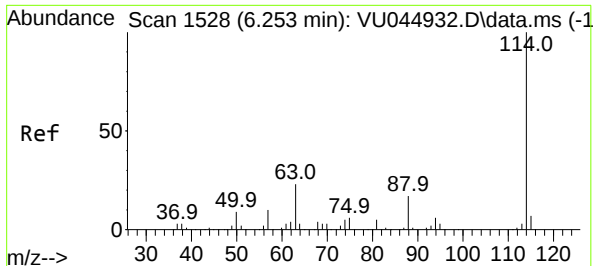
Tgt Ion: 56 Resp: 5008
Ion Ratio Lower Upper
56 100
69 166.6 25.2 37.8#
84 129.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 49.074 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045047.D
Acq: 30 Sep 2021 15:17

Tgt Ion: 65 Resp: 159861
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: VU045047.D

Acq: 30 Sep 2021 15:17

Tgt Ion:114 Resp: 356882

Ion Ratio Lower Upper

114 100

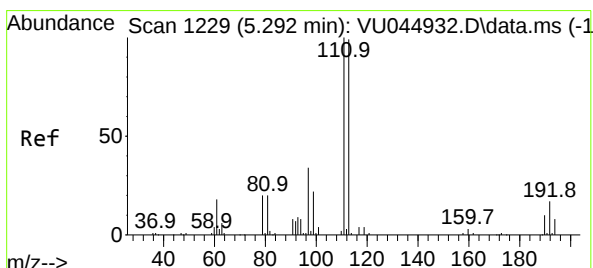
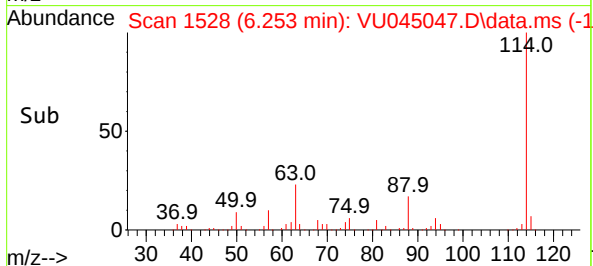
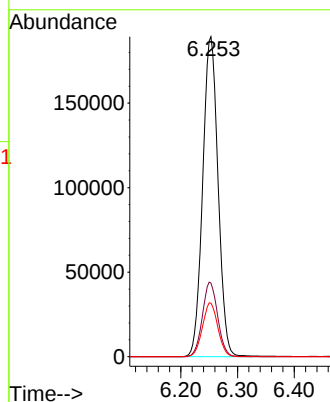
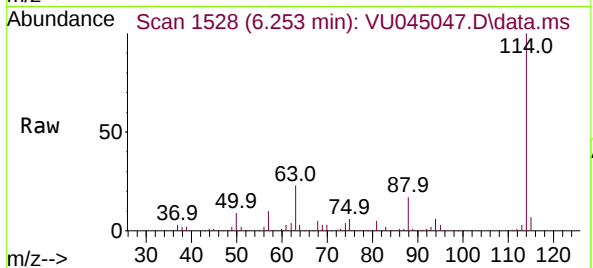
63 23.0 0.0 47.8

88 16.7 0.0 32.8

Instrument :

MSVOA_U

ClientSampleId :



#35

Dibromofluoromethane

Concen: 48.567 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045047.D

Acq: 30 Sep 2021 15:17

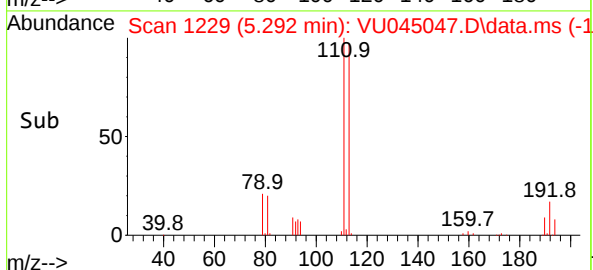
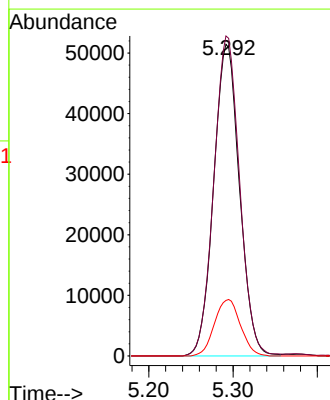
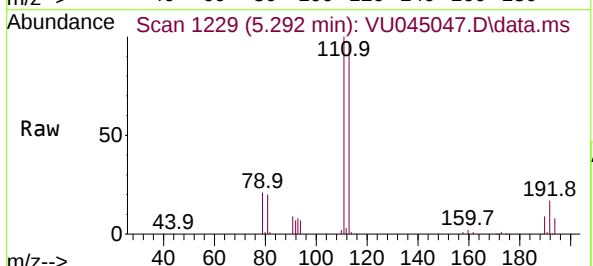
Tgt Ion:113 Resp: 109341

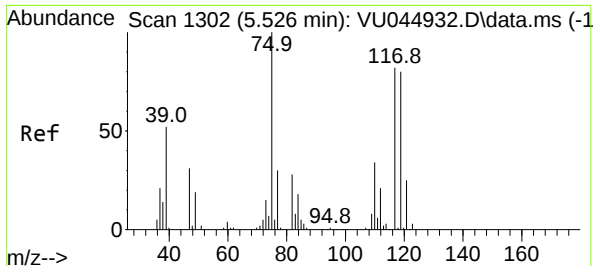
Ion Ratio Lower Upper

113 100

111 102.3 84.1 126.1

192 18.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.864 ug/l

RT: 5.375 min Scan# 1255

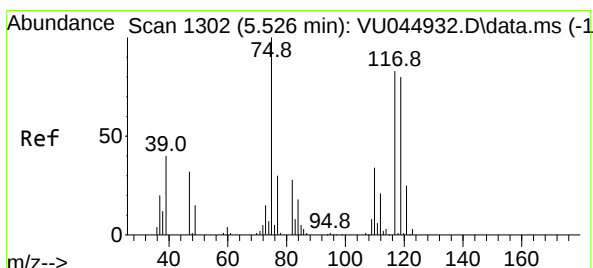
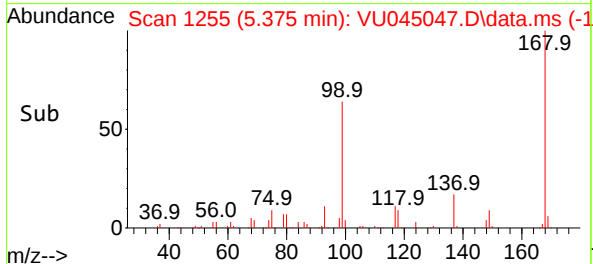
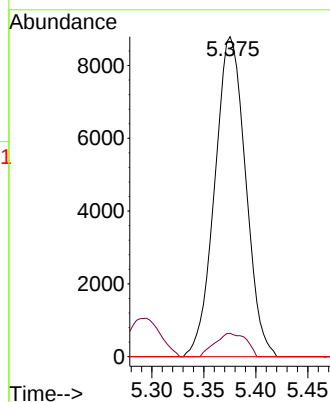
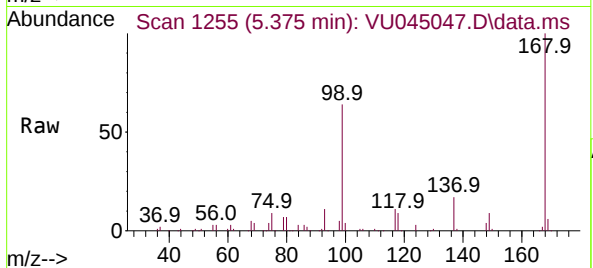
Delta R.T. -0.151 min

Lab File: VU045047.D

Acq: 30 Sep 2021 15:17

Tgt Ion:	75	Resp:	18153
Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.3	48.9#
77	0.0	25.0	37.4#

Instrument :
MSVOA_U
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.382 ug/l

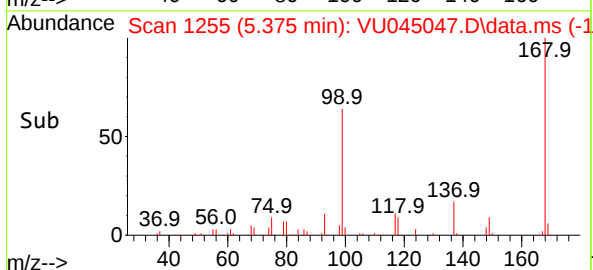
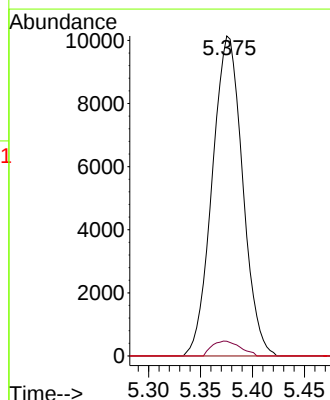
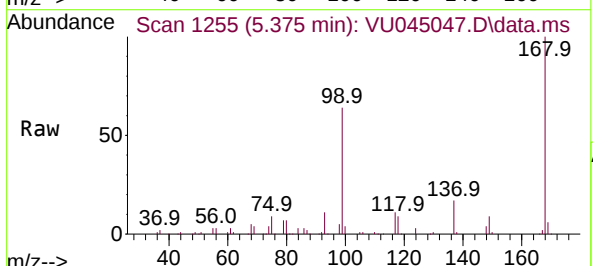
RT: 5.375 min Scan# 1255

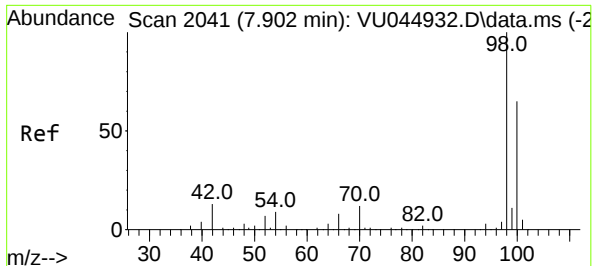
Delta R.T. -0.151 min

Lab File: VU045047.D

Acq: 30 Sep 2021 15:17

Tgt Ion:	117	Resp:	20610
Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.4	116.2#
121	0.0	24.5	36.7#





#50

Toluene-d8

Concen: 50.842 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.003 min

Lab File: VU045047.D

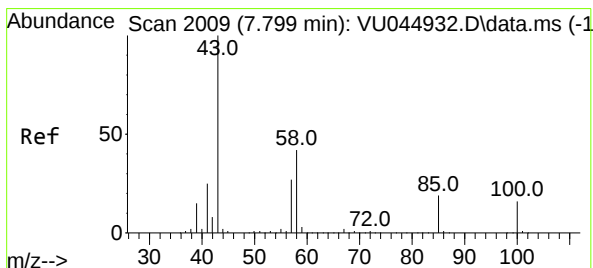
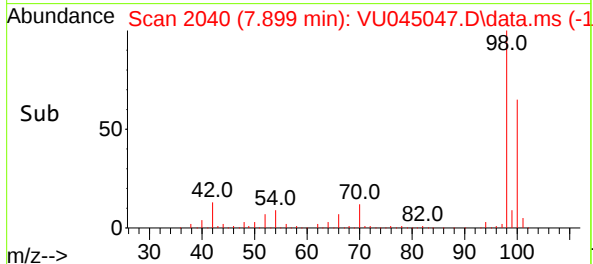
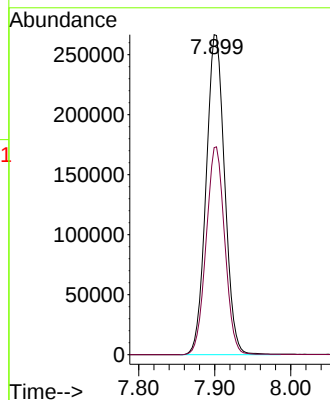
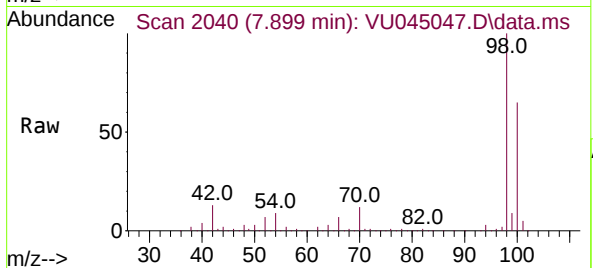
Acq: 30 Sep 2021 15:17

Tgt Ion: 98 Resp: 452256

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.412 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.100 min

Lab File: VU045047.D

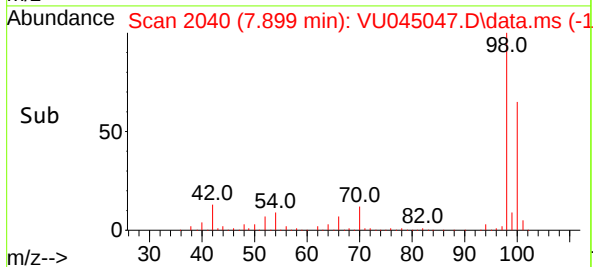
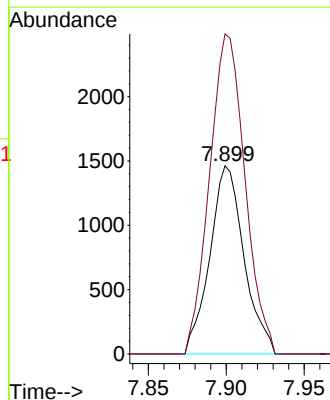
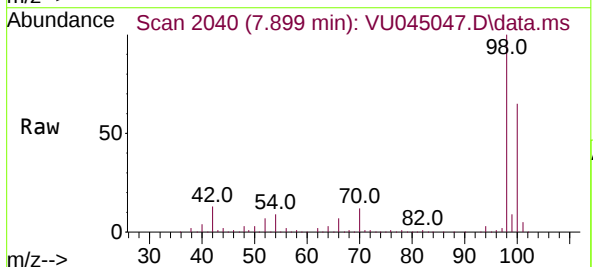
Acq: 30 Sep 2021 15:17

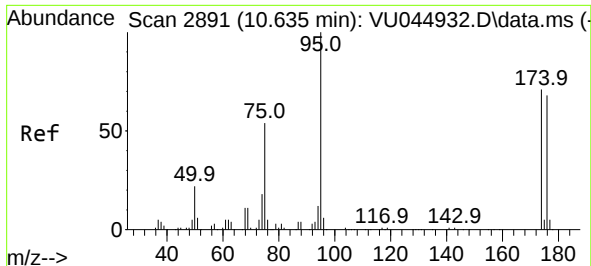
Tgt Ion: 43 Resp: 2227

Ion Ratio Lower Upper

43 100

58 176.3 32.4 48.6#

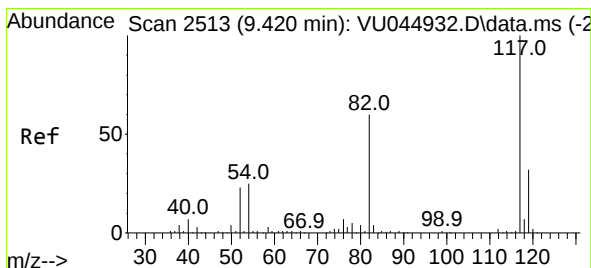
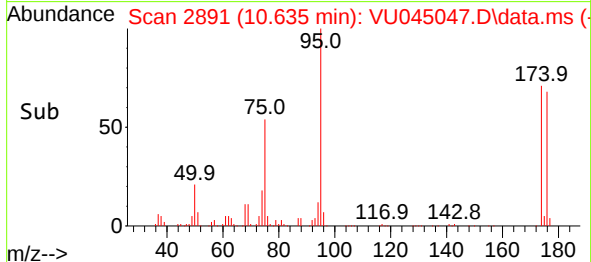
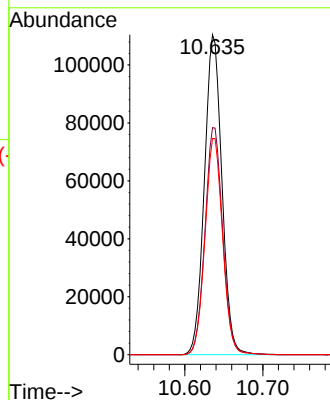
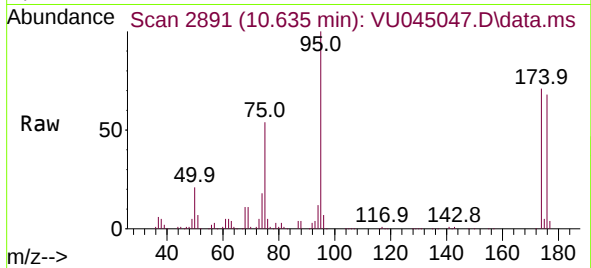




#62
4-Bromofluorobenzene
Concen: 46.885 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045047.D
Acq: 30 Sep 2021 15:17

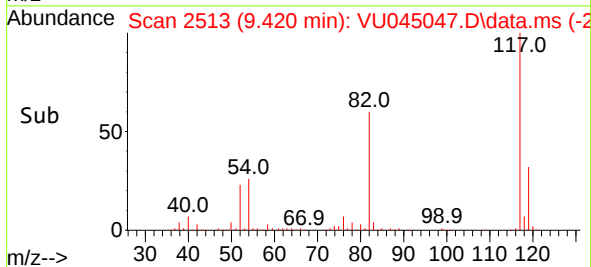
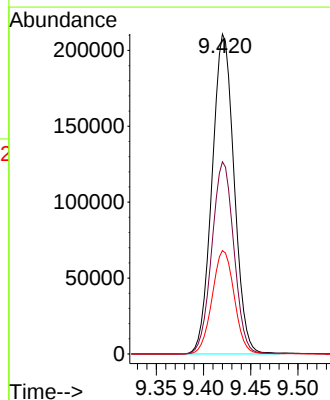
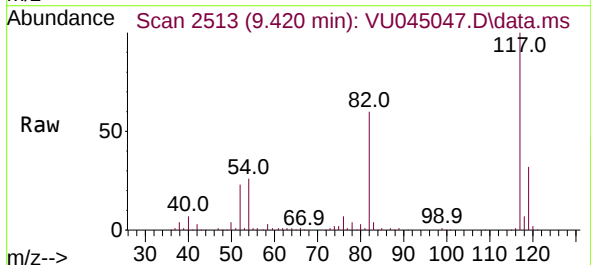
Instrument :
MSVOA_U
ClientSampleId :

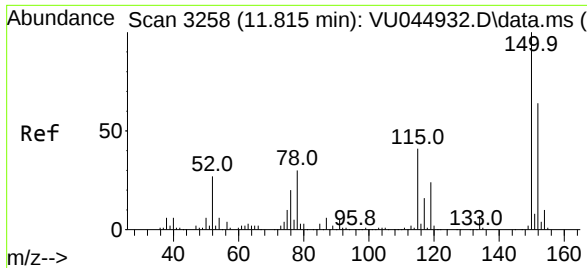
Tgt Ion: 95 Resp: 172184
Ion Ratio Lower Upper
95 100
174 71.9 0.0 146.6
176 68.1 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045047.D
Acq: 30 Sep 2021 15:17

Tgt Ion: 117 Resp: 342313
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 32.3 25.8 38.6

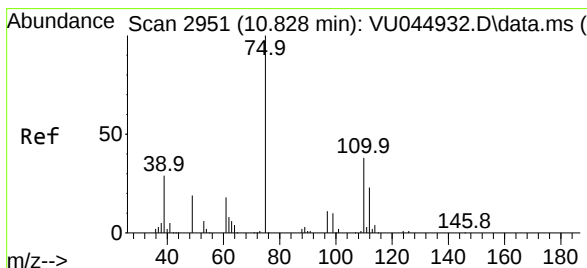
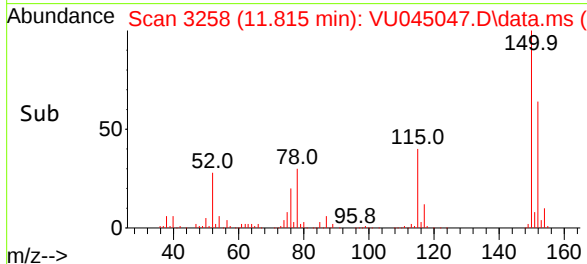
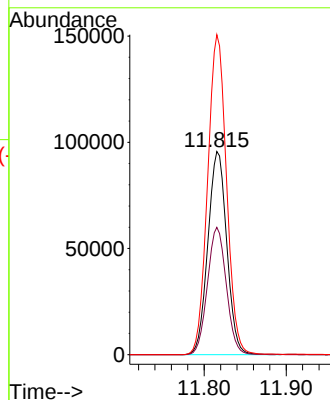
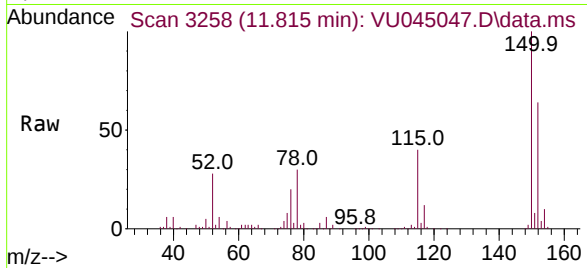




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.000 min
 Lab File: VU045047.D
 Acq: 30 Sep 2021 15:17

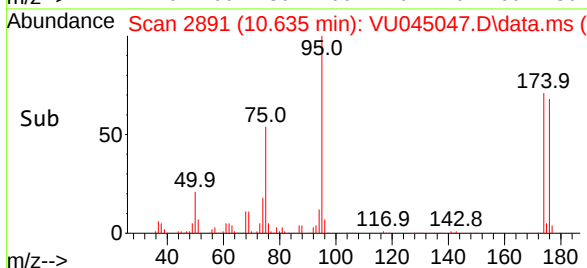
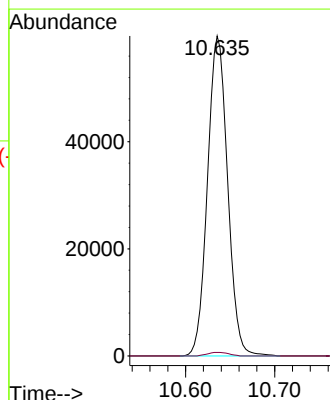
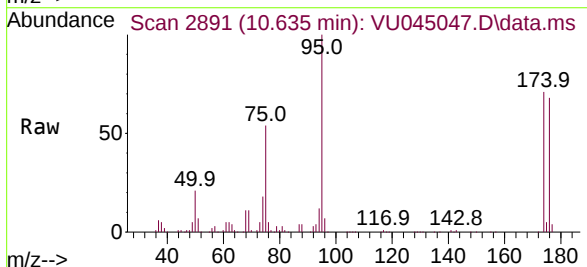
Instrument :
 MSVOA_U
 ClientSampleId :

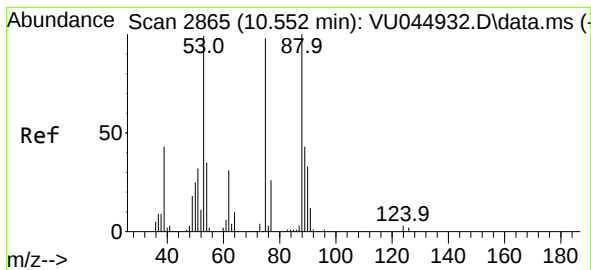
Tgt Ion:152 Resp: 153446
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.5 130.7
 150 156.9 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 20.914 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU045047.D
 Acq: 30 Sep 2021 15:17

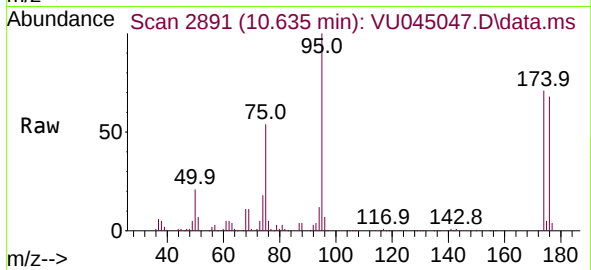
Tgt Ion: 75 Resp: 93607
 Ion Ratio Lower Upper
 75 100
 77 1.2 17.9 53.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.041 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. 0.083 min
 Lab File: VU045047.D
 Acq: 30 Sep 2021 15:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 93607
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.0 123.0#
 89 0.0 34.2 51.4#

