

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045051.D
 Acq On : 30 Sep 2021 16:50
 Operator : SY/MD
 Sample : M3926-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 05:40:35 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)

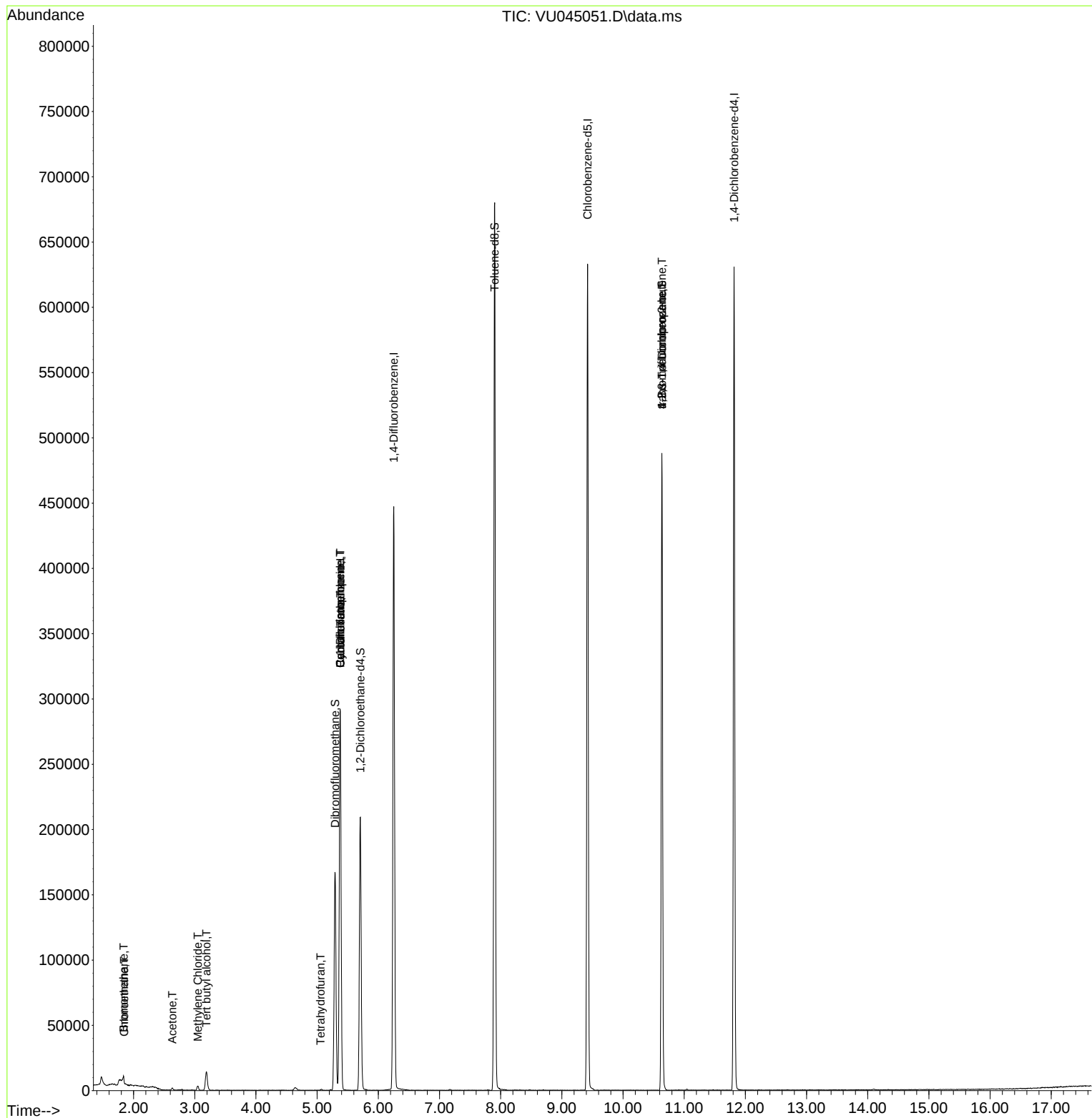
Internal Standards						
1) Pentafluorobenzene	5.378	168	190666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	344508	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	325669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	149947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	156777	49.396	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.800%		
35) Dibromofluoromethane	5.292	113	107806	49.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.220%		
50) Toluene-d8	7.902	98	437502	50.950	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.900%		
62) 4-Bromofluorobenzene	10.636	95	161642	45.595	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.200%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.838	94	434	0.362	ug/l	89
6) Chloroethane	1.845	64	828	0.353	ug/l #	42
11) Tert butyl alcohol	3.189	59	9688	10.635	ug/l #	72
16) Acetone	2.633	43	1900	1.009	ug/l	96
20) Methylene Chloride	3.047	84	1553	0.547	ug/l #	95
29) Tetrahydrofuran	5.057	42	641	0.402	ug/l #	60
31) Cyclohexane	5.378	56	4989	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	17928	4.976	ug/l #	49
38) Carbon Tetrachloride	5.378	117	20373	6.535	ug/l #	16
76) 1,2,3-Trichloropropane	10.636	75	86774	19.840	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	86774	55.059	ug/l #	9

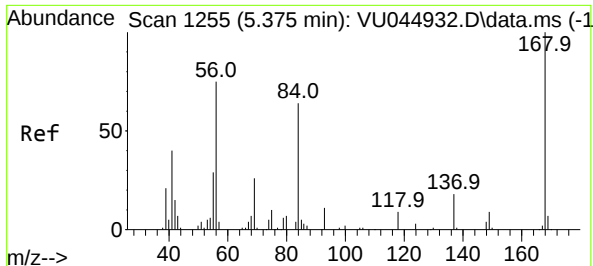
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
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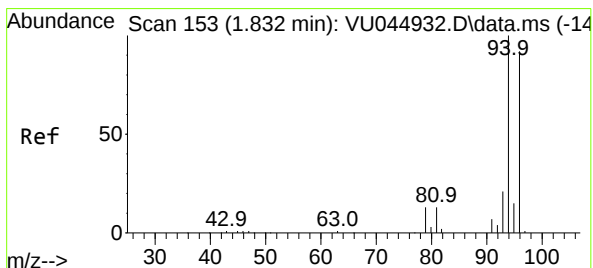
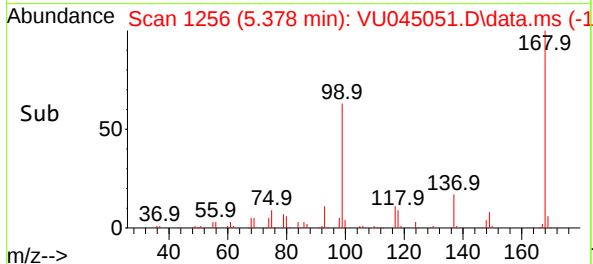
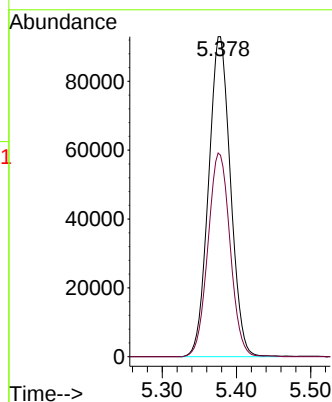
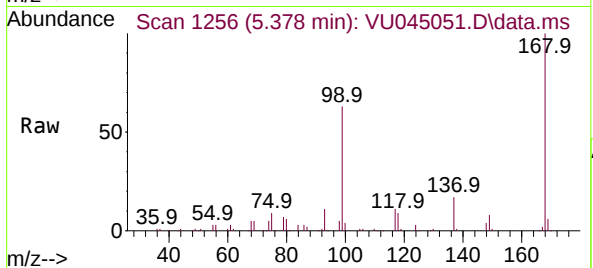




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU045051.D
Acq: 30 Sep 2021 16:50

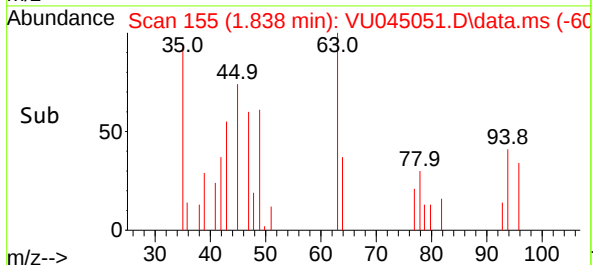
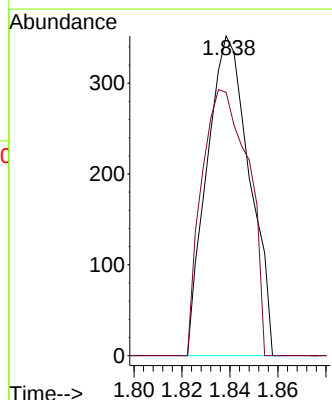
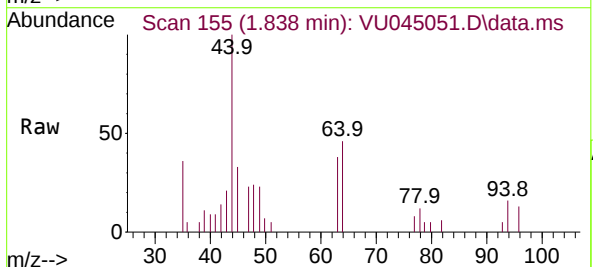
Instrument :
MSVOA_U
ClientSampleId :

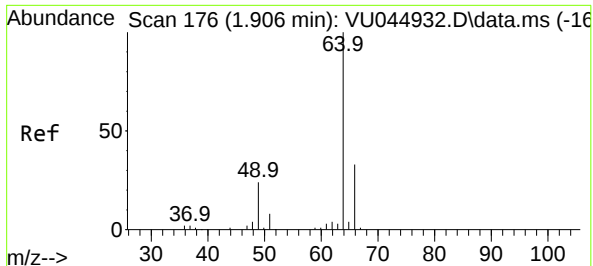
Tgt Ion:168 Resp: 190666
Ion Ratio Lower Upper
168 100
99 62.9 51.4 77.0



#5
Bromomethane
Concen: 0.362 ug/l
RT: 1.838 min Scan# 155
Delta R.T. 0.006 min
Lab File: VU045051.D
Acq: 30 Sep 2021 16:50

Tgt Ion: 94 Resp: 434
Ion Ratio Lower Upper
94 100
96 82.4 74.5 111.7

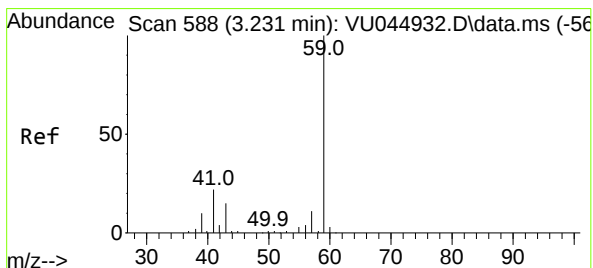
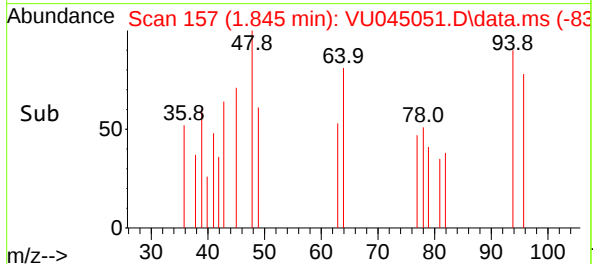
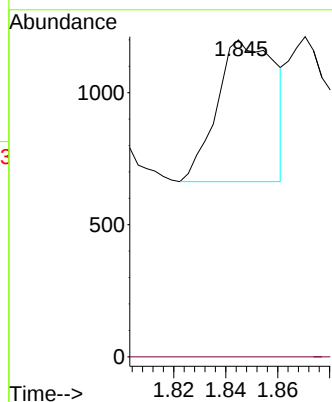
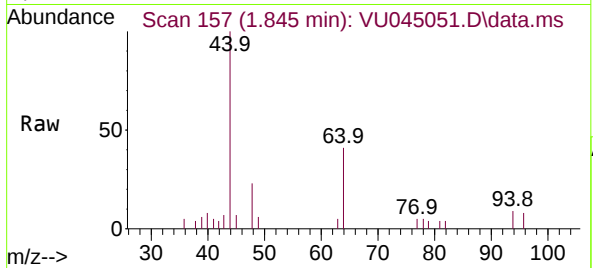




#6
Chloroethane
Concen: 0.353 ug/l
RT: 1.845 min Scan# 157
Delta R.T. -0.061 min
Lab File: VU045051.D
Acq: 30 Sep 2021 16:50

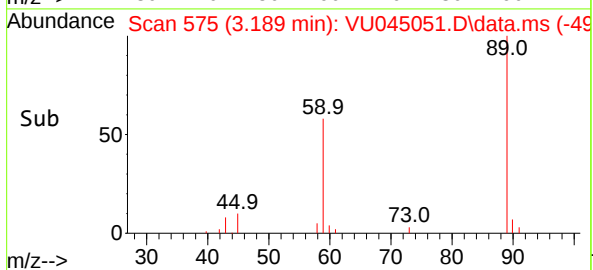
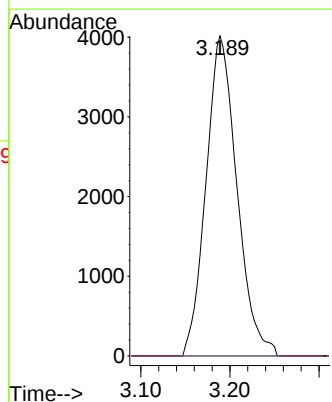
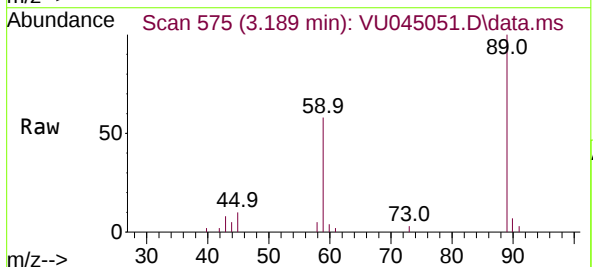
Instrument :
MSVOA_U
ClientSampled :

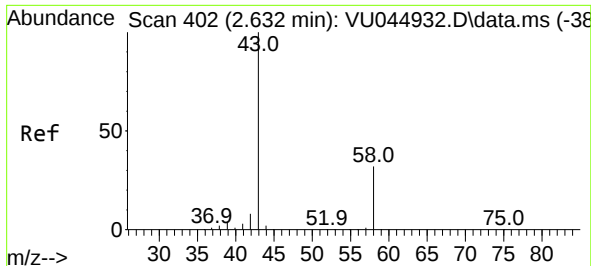
Tgt Ion: 64 Resp: 828
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



#11
Tert butyl alcohol
Concen: 10.635 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.042 min
Lab File: VU045051.D
Acq: 30 Sep 2021 16:50

Tgt Ion: 59 Resp: 9688
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

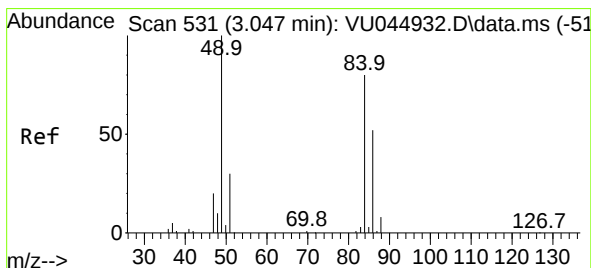
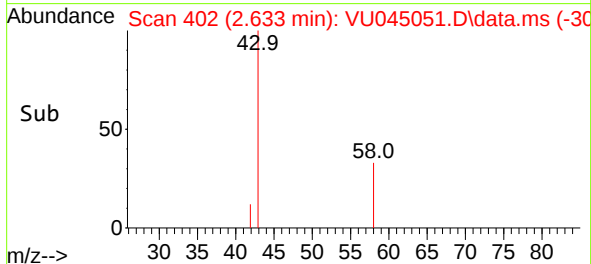
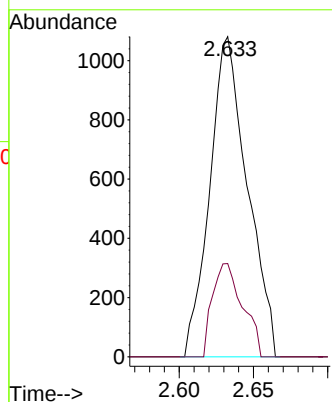
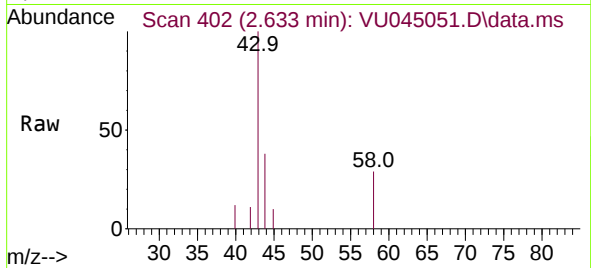




#16
Acetone
Concen: 1.009 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU045051.D
Acq: 30 Sep 2021 16:50

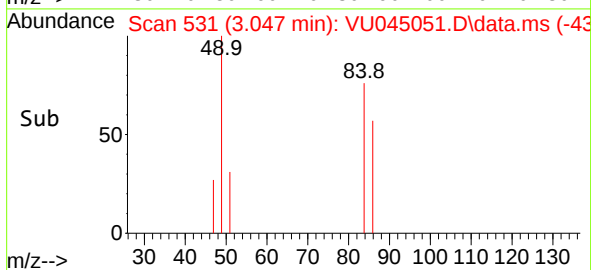
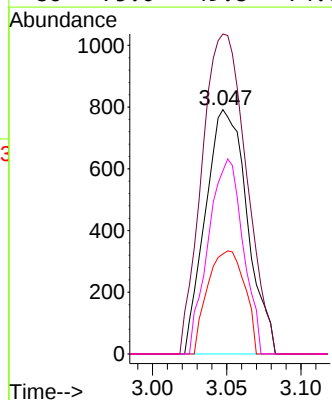
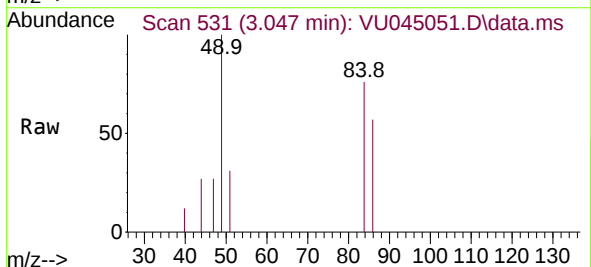
Instrument :
MSVOA_U
ClientSampled :

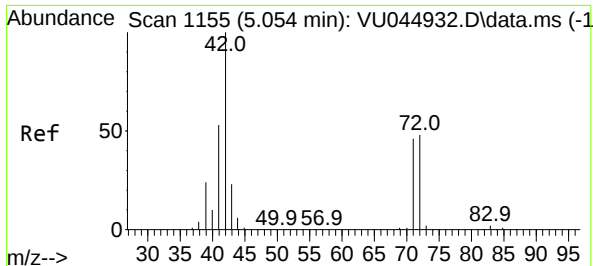
Tgt Ion: 43 Resp: 1900
Ion Ratio Lower Upper
43 100
58 29.1 25.2 37.8



#20
Methylene Chloride
Concen: 0.547 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045051.D
Acq: 30 Sep 2021 16:50

Tgt Ion: 84 Resp: 1553
Ion Ratio Lower Upper
84 100
49 130.9 104.9 157.3
51 40.9 31.8 47.8
86 75.0 49.8 74.6#





#29

Tetrahydrofuran

Concen: 0.402 ug/l

RT: 5.057 min Scan# 1156

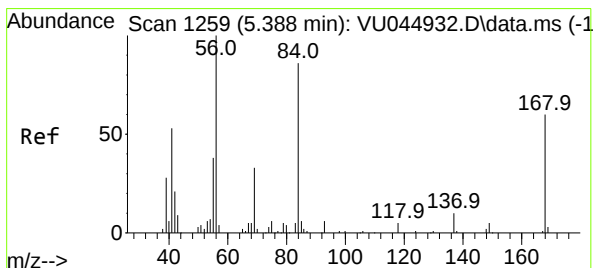
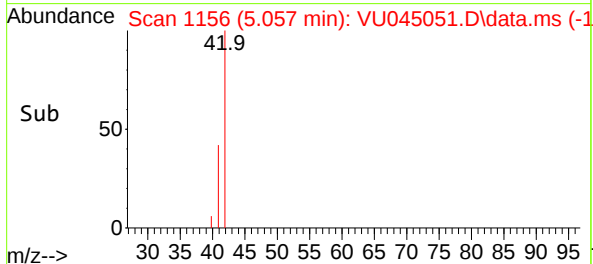
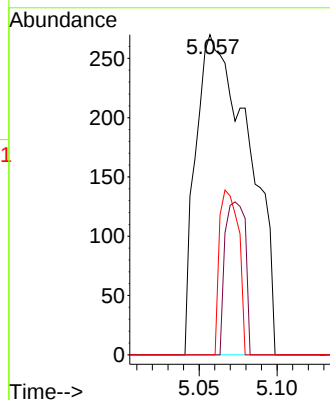
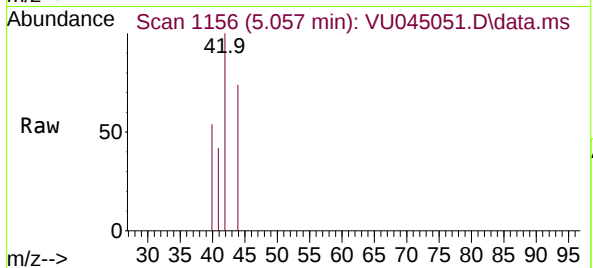
Delta R.T. 0.003 min

Lab File: VU045051.D

Acq: 30 Sep 2021 16:50

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	42	Resp:	641
Ion	Ratio	Lower	Upper
42	100		
72	17.9	36.2	54.4#
71	18.4	34.1	51.1#



#31

Cyclohexane

Concen: 1.035 ug/l

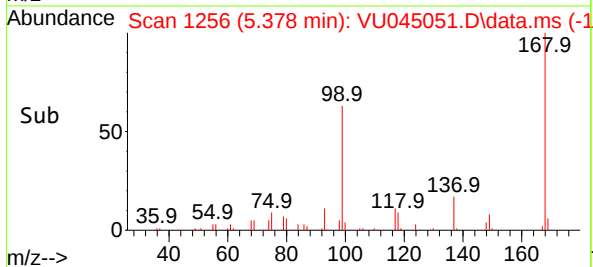
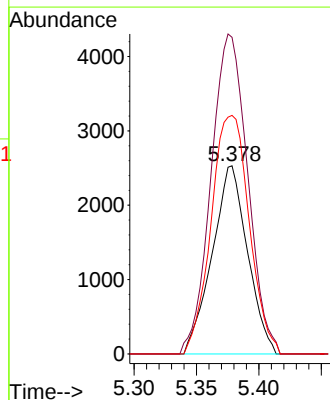
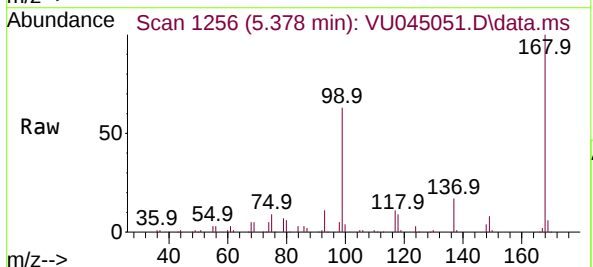
RT: 5.378 min Scan# 1256

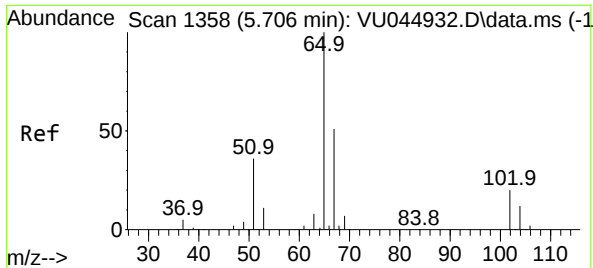
Delta R.T. -0.010 min

Lab File: VU045051.D

Acq: 30 Sep 2021 16:50

Tgt Ion:	56	Resp:	4989
Ion	Ratio	Lower	Upper
56	100		
69	168.3	25.2	37.8#
84	126.8	66.4	99.6#

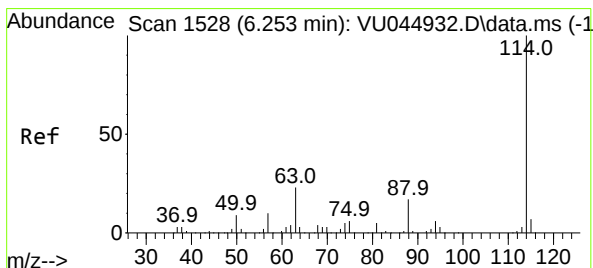
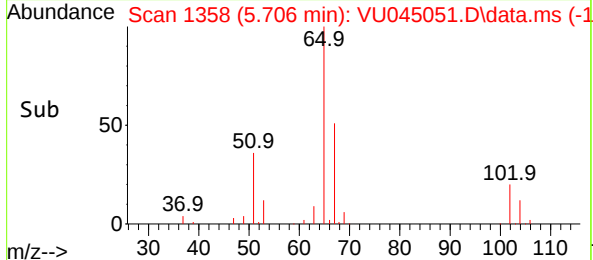
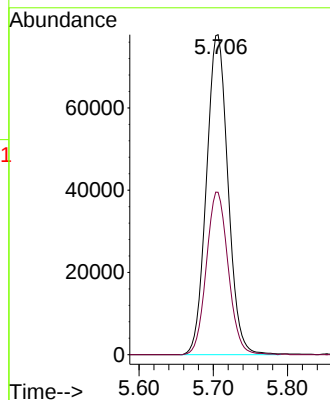
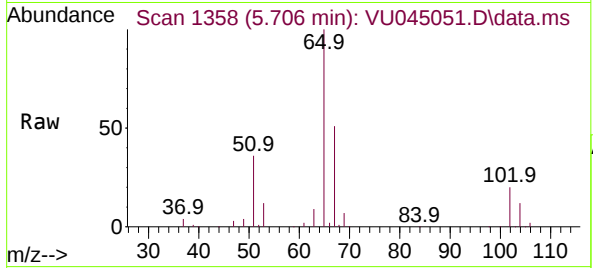




#33
 1,2-Dichloroethane-d4
 Concen: 49.396 ug/l
 RT: 5.706 min Scan# 1358
 Delta R.T. 0.000 min
 Lab File: VU045051.D
 Acq: 30 Sep 2021 16:50

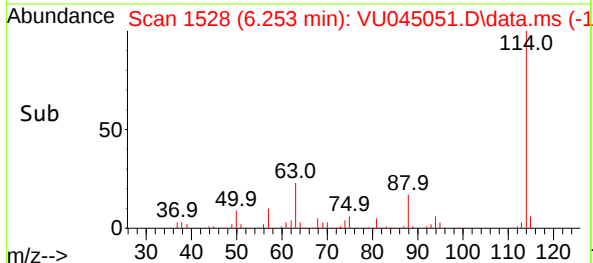
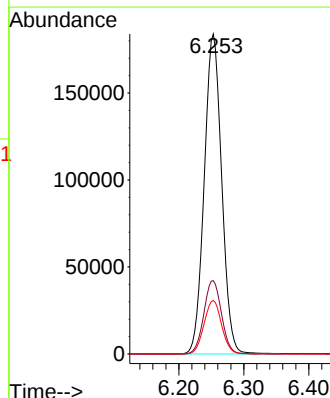
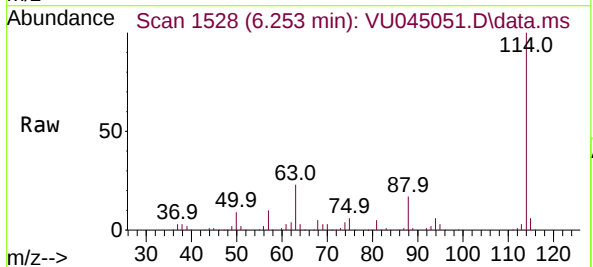
Instrument :
 MSVOA_U
 ClientSampled :

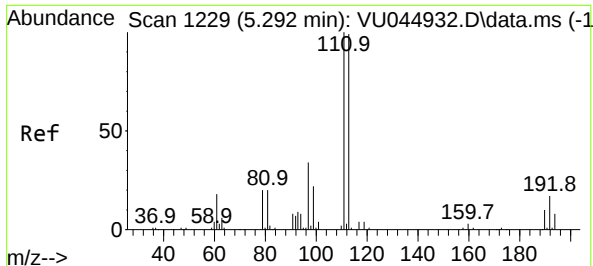
Tgt Ion: 65 Resp: 156777
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.253 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: VU045051.D
 Acq: 30 Sep 2021 16:50

Tgt Ion: 114 Resp: 344508
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.8
 88 16.7 0.0 32.8

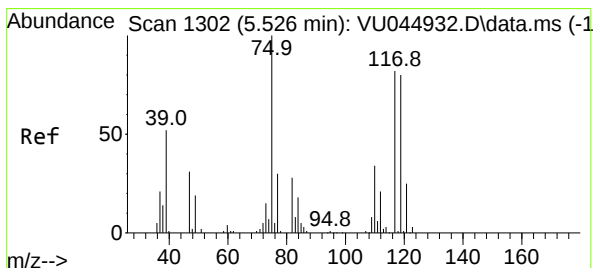
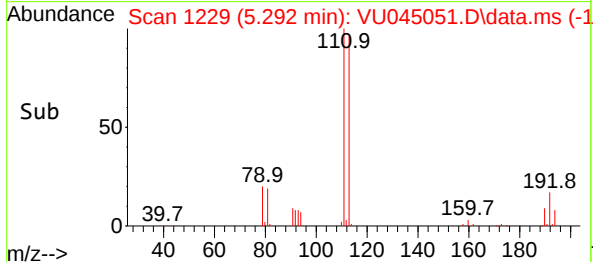
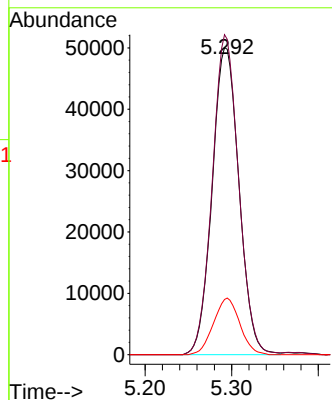
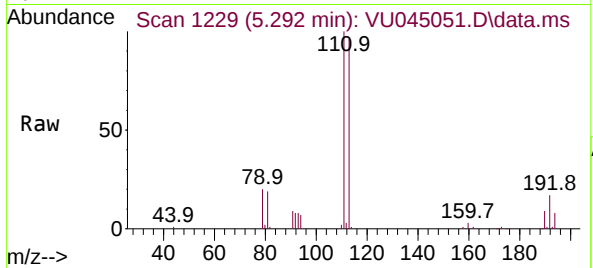




#35
Dibromofluoromethane
Concen: 49.605 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045051.D
Acq: 30 Sep 2021 16:50

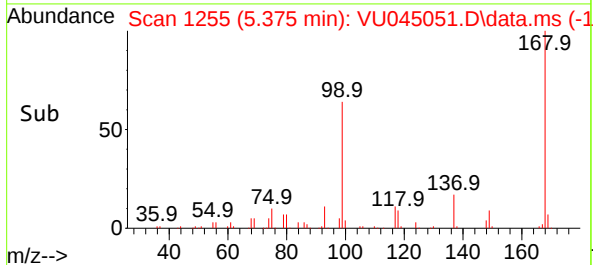
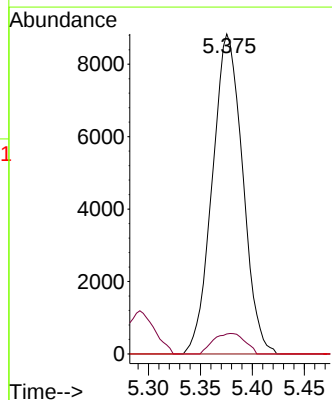
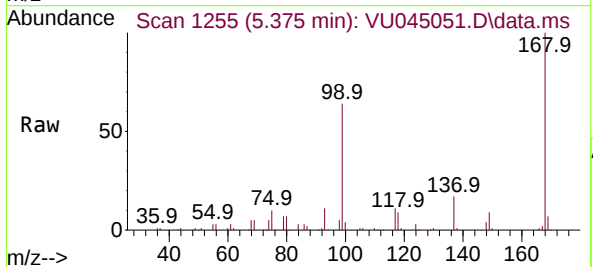
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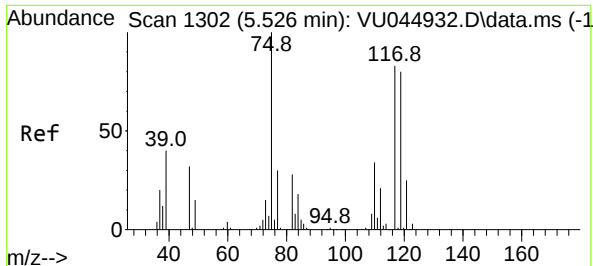
Tgt Ion:113 Resp: 107806
Ion Ratio Lower Upper
113 100
111 102.2 84.1 126.1
192 18.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.976 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.151 min
Lab File: VU045051.D
Acq: 30 Sep 2021 16:50

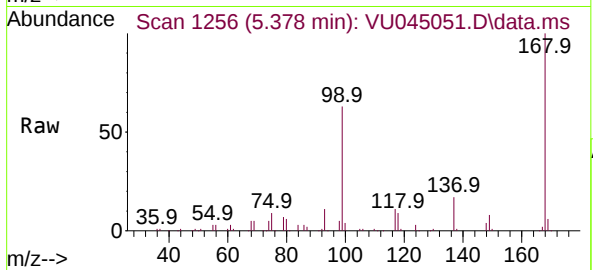
Tgt Ion: 75 Resp: 17928
Ion Ratio Lower Upper
75 100
110 6.7 16.3 48.9#
77 0.0 25.0 37.4#



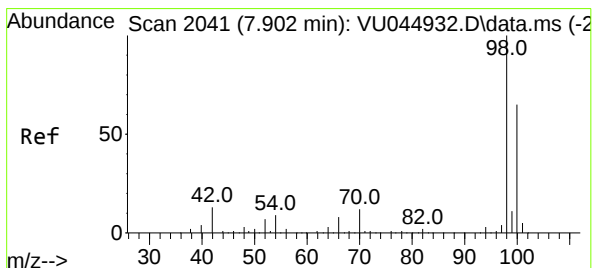
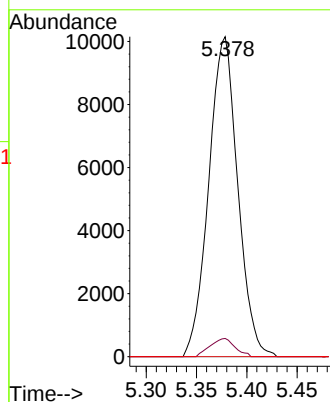
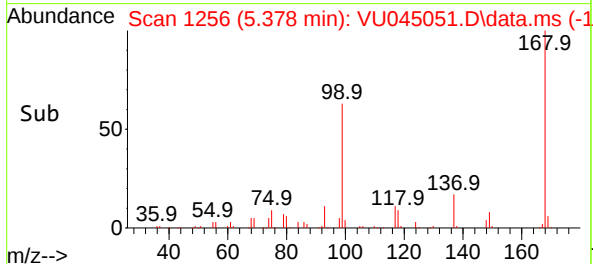


#38
Carbon Tetrachloride
Concen: 6.535 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.148 min
Lab File: VU045051.D
Acq: 30 Sep 2021 16:50

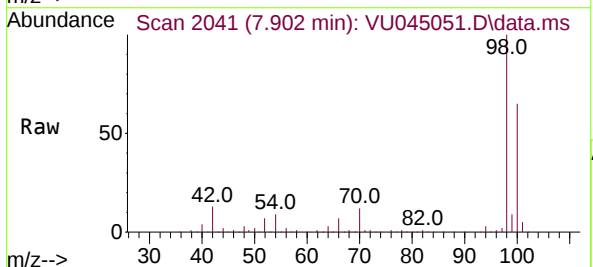
Instrument :
MSVOA_U
ClientSampleId :



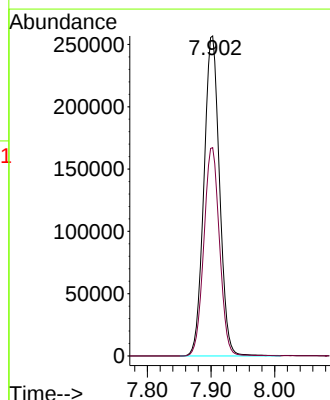
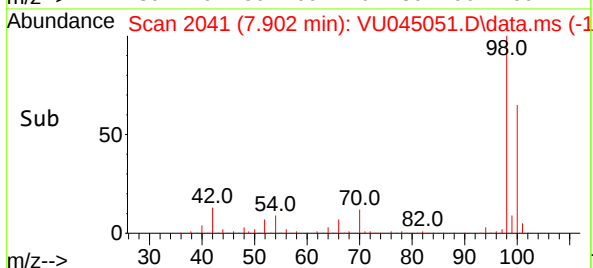
Tgt Ion:117 Resp: 20373
Ion Ratio Lower Upper
117 100
119 5.7 77.4 116.2#
121 0.0 24.5 36.7#

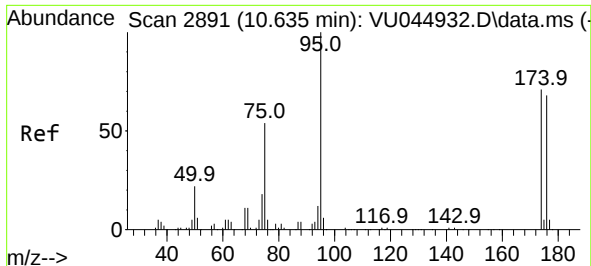


#50
Toluene-d8
Concen: 50.950 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045051.D
Acq: 30 Sep 2021 16:50



Tgt Ion: 98 Resp: 437502
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

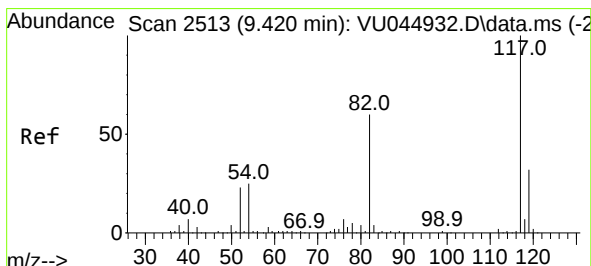
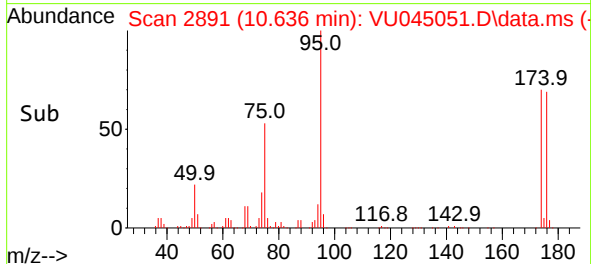
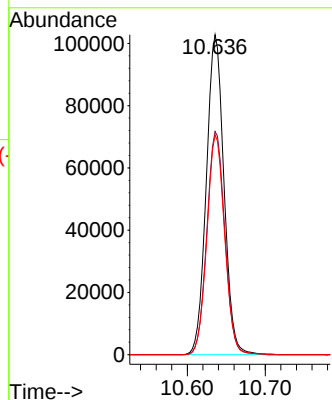
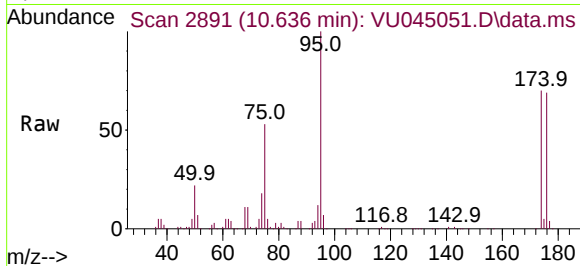




#62
4-Bromofluorobenzene
Concen: 45.595 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045051.D
Acq: 30 Sep 2021 16:50

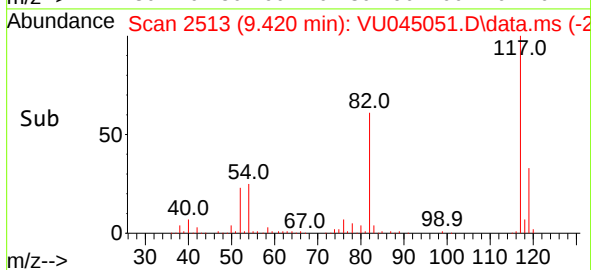
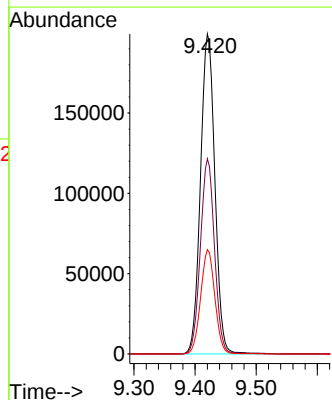
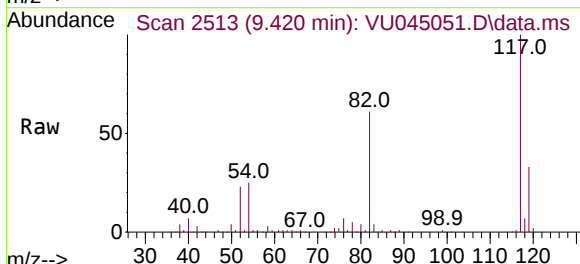
Instrument :
MSVOA_U
ClientSampleId :

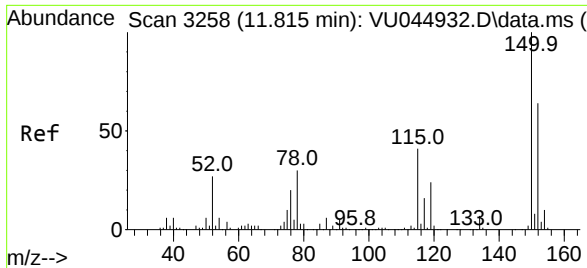
Tgt Ion: 95 Resp: 161642
Ion Ratio Lower Upper
95 100
174 71.2 0.0 146.6
176 69.0 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045051.D
Acq: 30 Sep 2021 16:50

Tgt Ion: 117 Resp: 325669
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 32.6 25.8 38.6

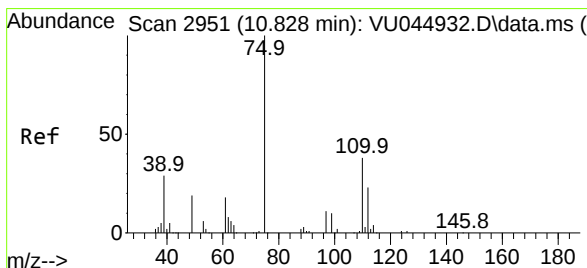
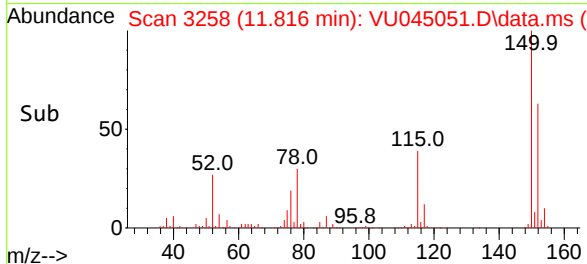
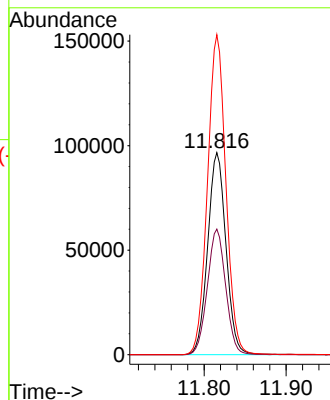
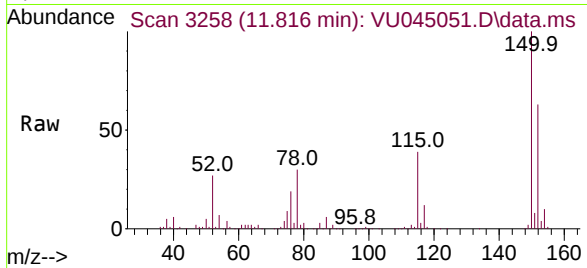




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.001 min
 Lab File: VU045051.D
 Acq: 30 Sep 2021 16:50

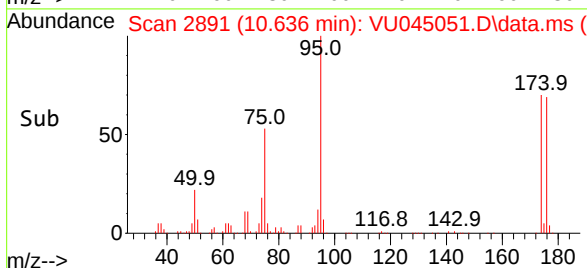
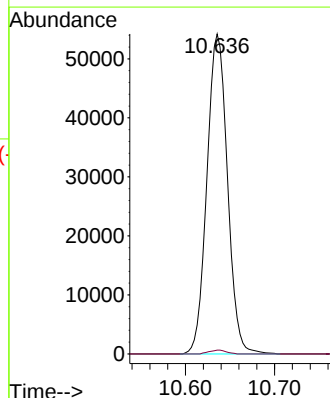
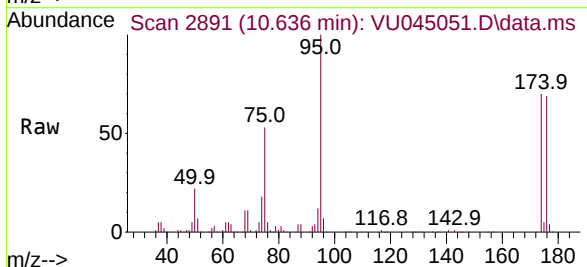
Instrument :
 MSVOA_U
 ClientSampled :

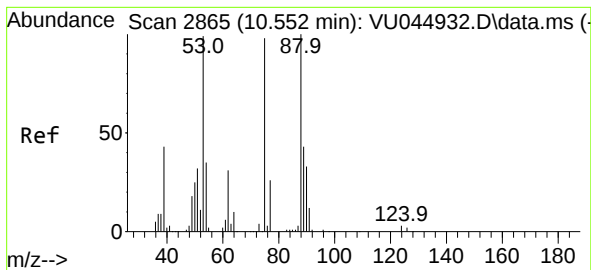
Tgt Ion:152 Resp: 149947
 Ion Ratio Lower Upper
 152 100
 115 62.3 43.5 130.7
 150 159.1 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 19.840 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.192 min
 Lab File: VU045051.D
 Acq: 30 Sep 2021 16:50

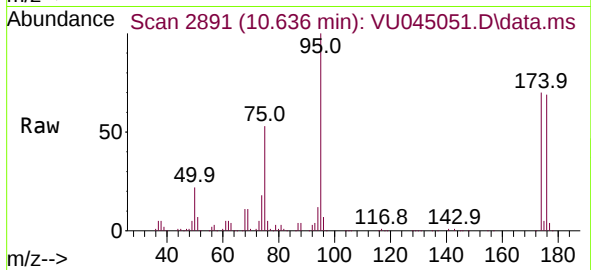
Tgt Ion: 75 Resp: 86774
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.9 53.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.059 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. 0.084 min
 Lab File: VU045051.D
 Acq: 30 Sep 2021 16:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 86774
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.0 123.0#
 89 0.0 34.2 51.4#

