

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045643.D
 Acq On : 09 Nov 2021 02:40
 Operator : SY/MD
 Sample : M4504-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 11:16:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

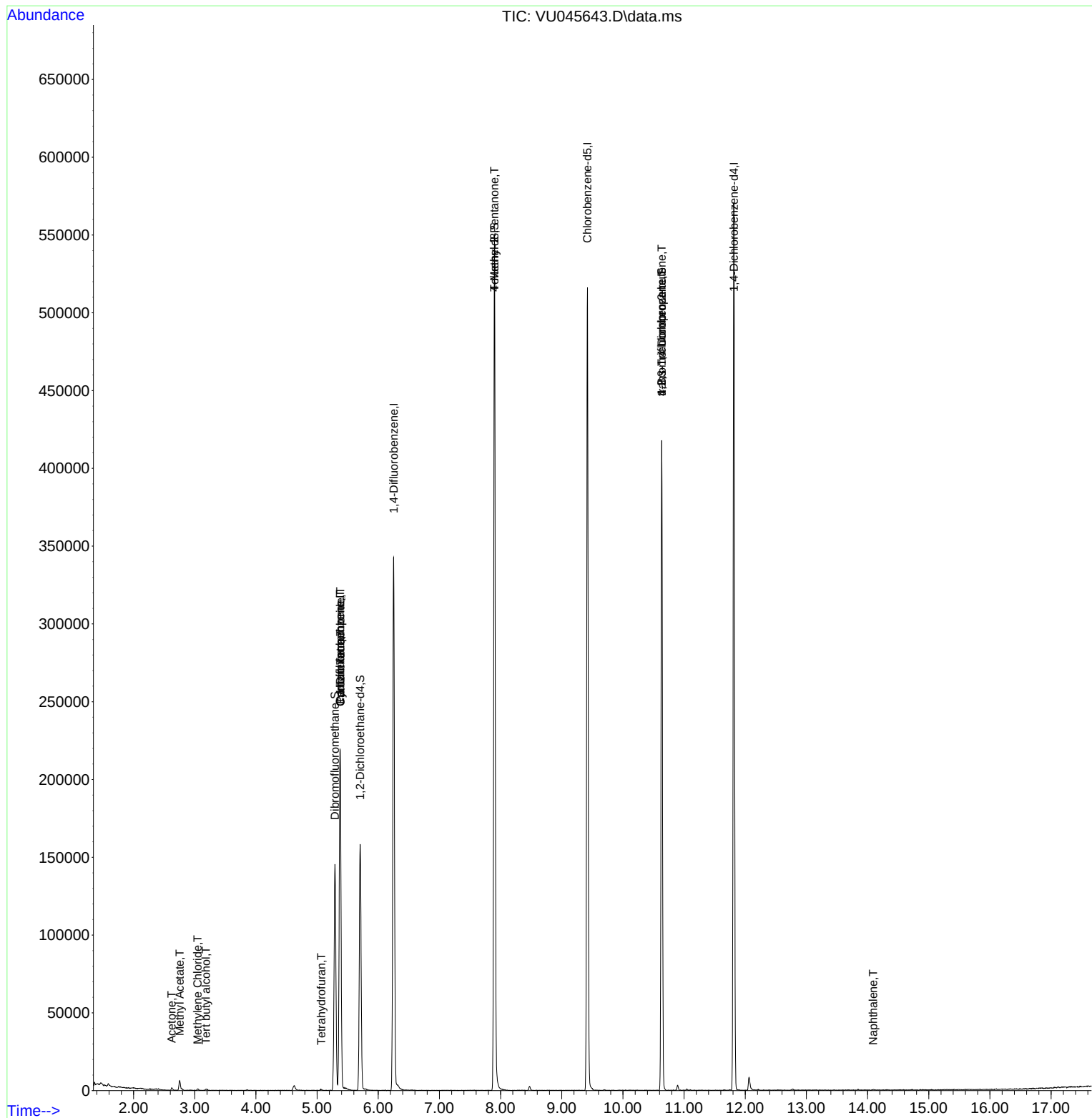
Internal Standards						
1) Pentafluorobenzene	5.375	168	147536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	279206	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	281776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	142512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	118800	53.767	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.540%	
35) Dibromofluoromethane	5.292	113	92054	49.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.760%	
50) Toluene-d8	7.899	98	361855	52.203	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	10.635	95	140846	50.672	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.182	59	633	1.447	ug/l #	72
16) Acetone	2.623	43	1900	1.689	ug/l	92
18) Methyl Acetate	2.755	43	1780	0.465	ug/l #	50
20) Methylene Chloride	3.047	84	465	0.238	ug/l #	84
29) Tetrahydrofuran	5.070	42	469	0.492	ug/l #	37
31) Cyclohexane	5.378	56	3313	1.028	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	12892	4.735	ug/l #	50
38) Carbon Tetrachloride	5.378	117	15335	5.587	ug/l #	15
51) 4-Methyl-2-Pentanone	7.899	43	1469	0.466	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	73046	16.902	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	73046	55.048	ug/l #	12
95) Naphthalene	14.092	128	464	1.068	ug/l #	69

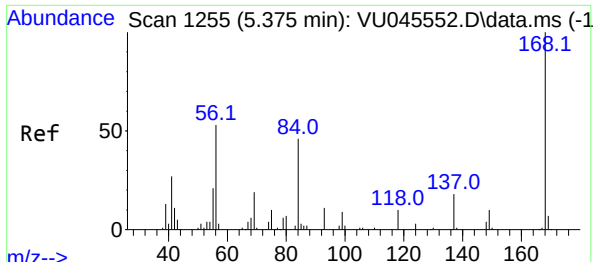
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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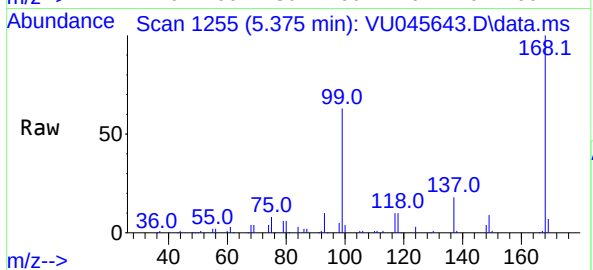
Quant Time: Nov 09 11:16:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
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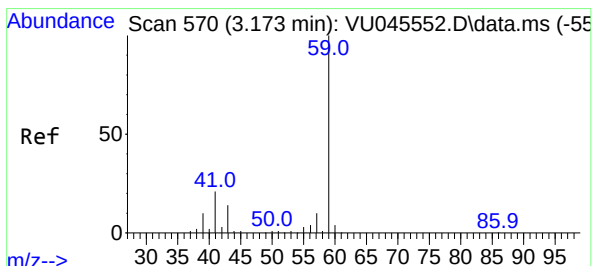
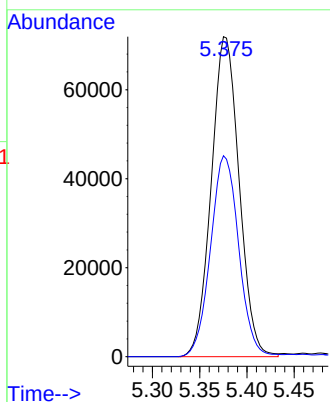
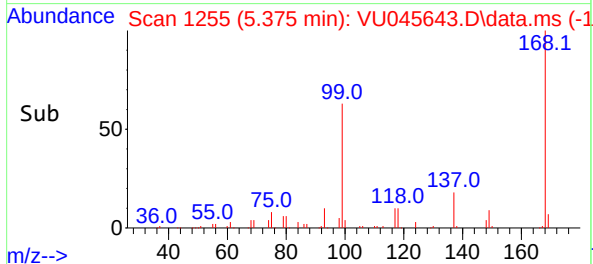


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

Instrument :
MSVOA_U
ClientSampleId :

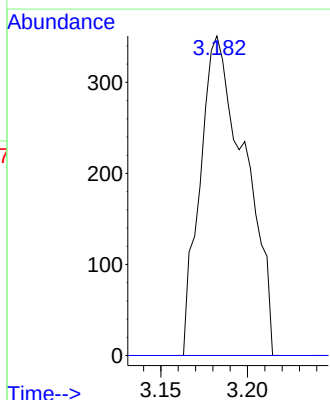
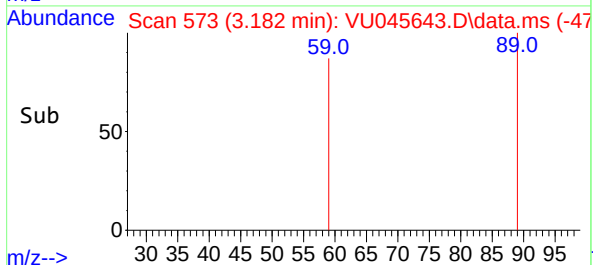
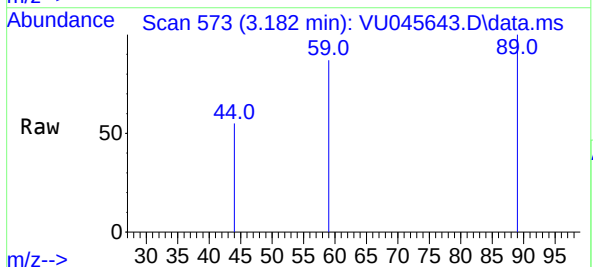


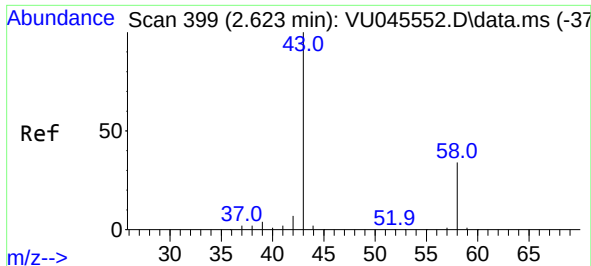
Tgt Ion:168 Resp: 147536
Ion Ratio Lower Upper
168 100
99 62.8 51.0 76.6



#11
Tert butyl alcohol
Concen: 1.447 ug/l
RT: 3.182 min Scan# 573
Delta R.T. 0.010 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

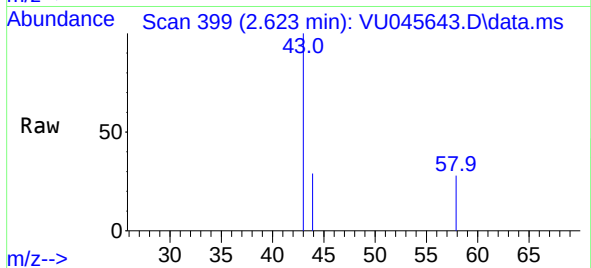
Tgt Ion: 59 Resp: 633
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



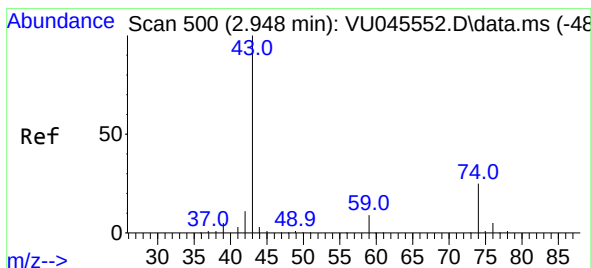
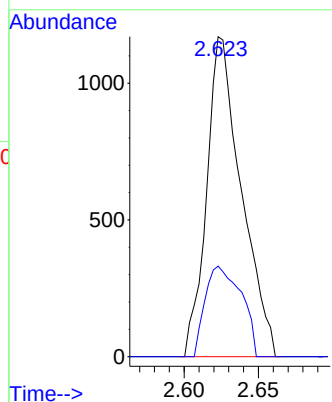


#16
Acetone
Concen: 1.689 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

Instrument :
MSVOA_U
ClientSampleId :

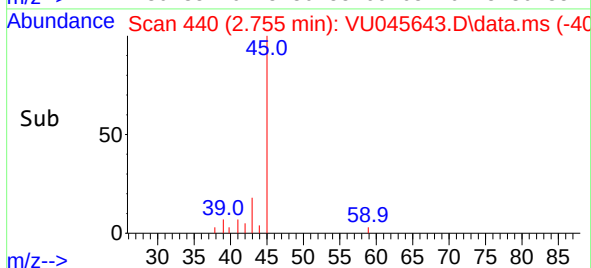
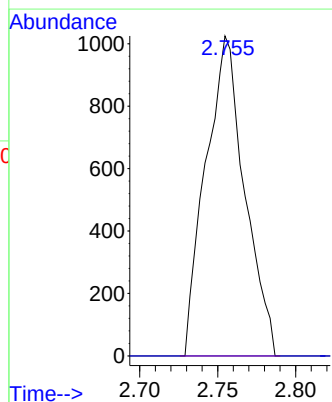
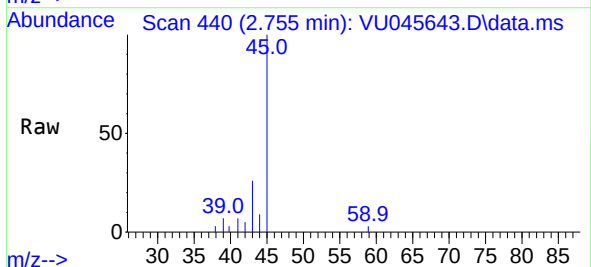


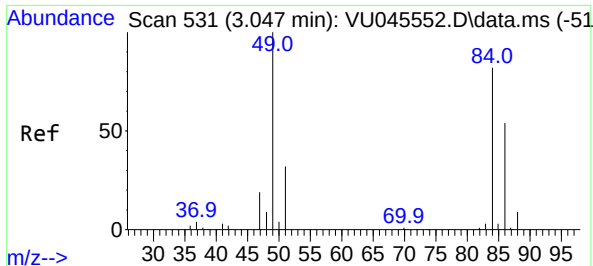
Tgt Ion: 43 Resp: 1900
Ion Ratio Lower Upper
43 100
58 28.3 26.2 39.2



#18
Methyl Acetate
Concen: 0.465 ug/l
RT: 2.755 min Scan# 440
Delta R.T. -0.193 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

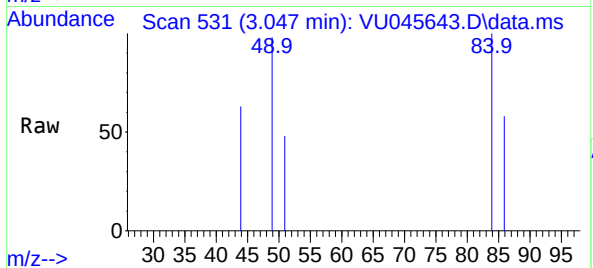
Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





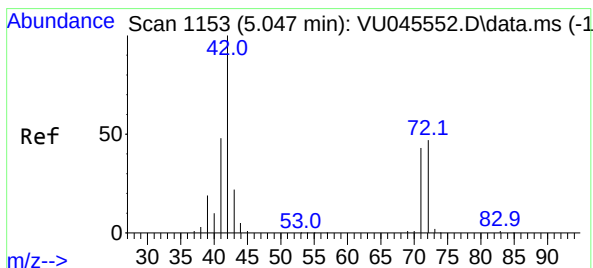
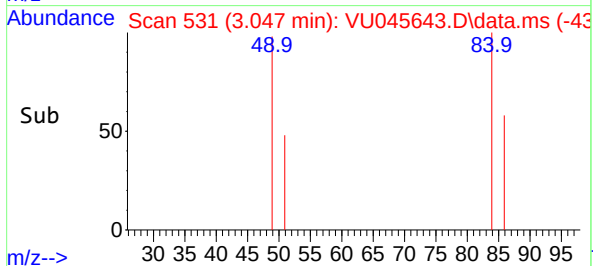
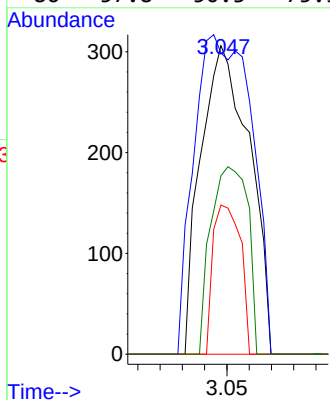
#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 465

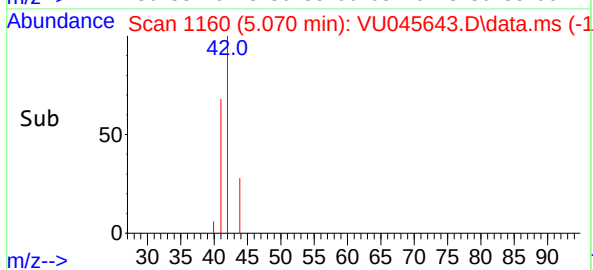
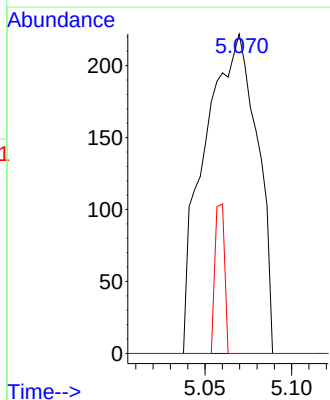
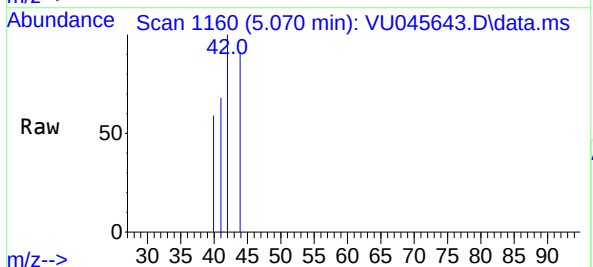
Ion	Ratio	Lower	Upper
84	100		
49	97.7	96.4	144.6
51	48.4	30.5	45.7#
86	57.8	50.3	75.5

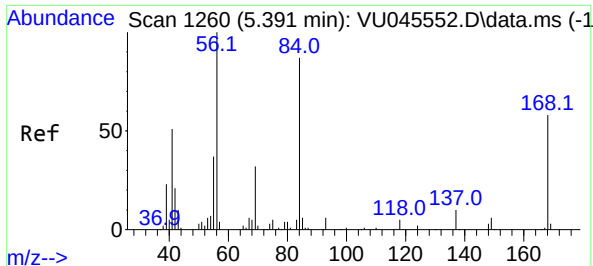


#29
Tetrahydrofuran
Concen: 0.492 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.022 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

Tgt Ion: 42 Resp: 469

Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.2	57.4#
71	8.5	35.4	53.2#





#31

Cyclohexane

Concen: 1.028 ug/l

RT: 5.378 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU045643.D

Acq: 09 Nov 2021 02:40

Instrument :

MSVOA_U

ClientSampleId :

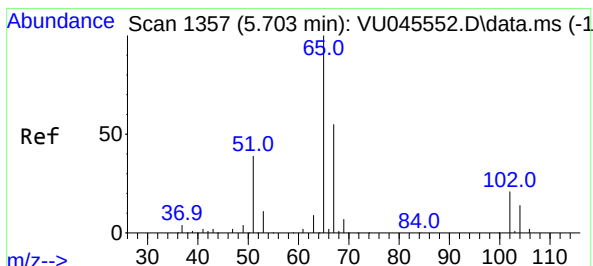
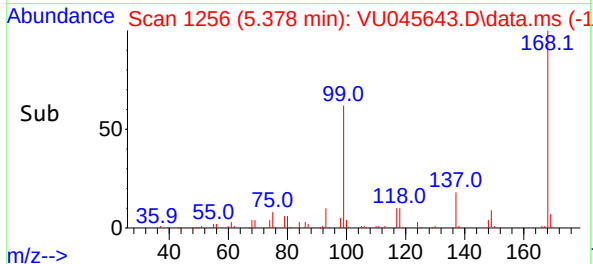
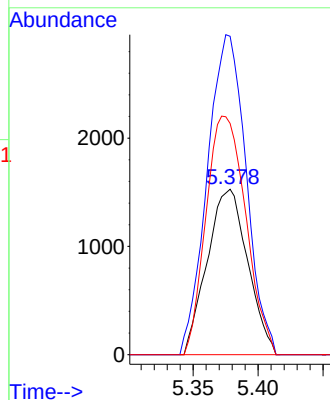
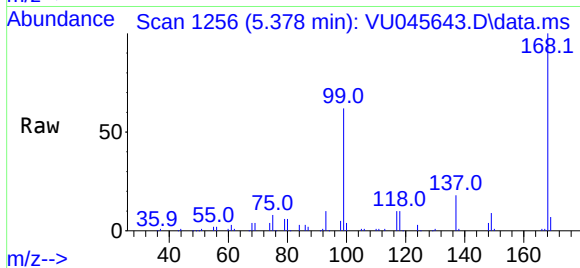
Tgt Ion: 56 Resp: 3313

Ion Ratio Lower Upper

56 100

69 192.5 26.4 39.6#

84 139.8 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 53.767 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. -0.000 min

Lab File: VU045643.D

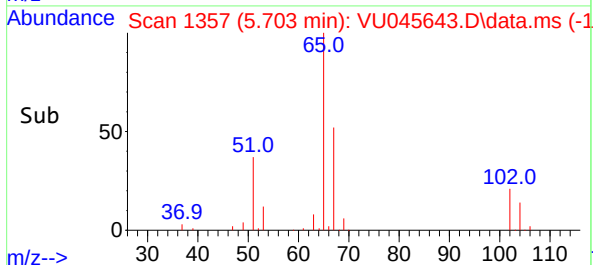
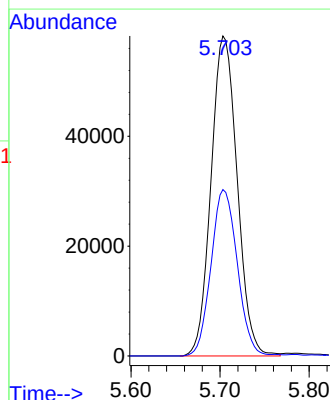
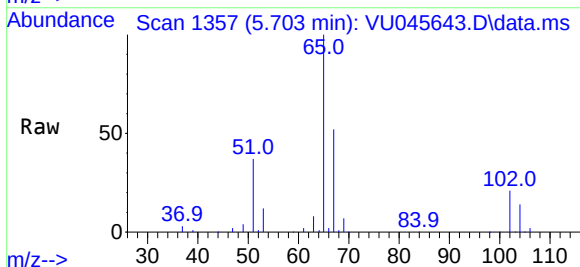
Acq: 09 Nov 2021 02:40

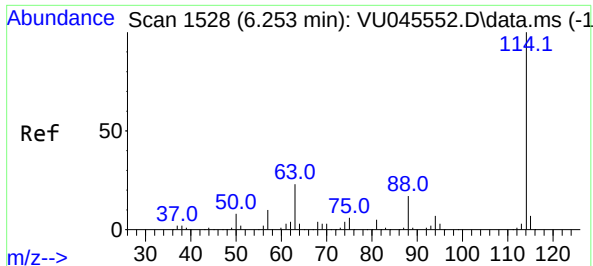
Tgt Ion: 65 Resp: 118800

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 114

Delta R.T. -0.000 min

Lab File: VU045643.D

Acq: 09 Nov 2021 02:40

Instrument :

MSVOA_U

ClientSampleId :

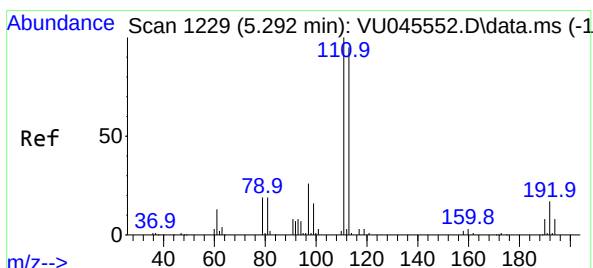
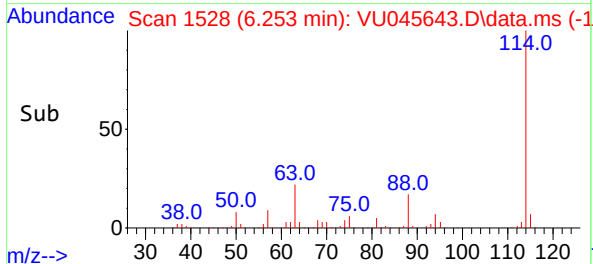
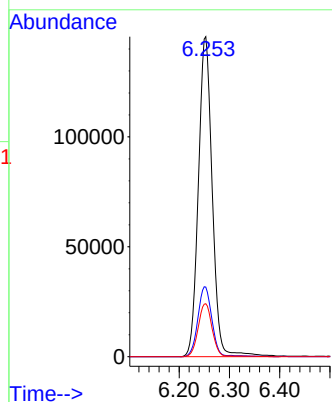
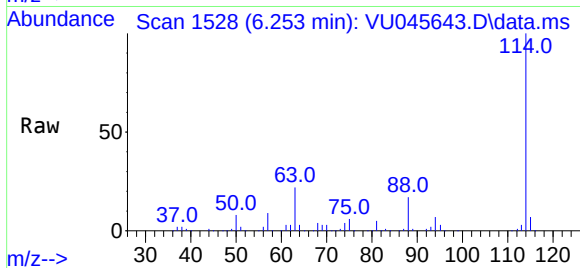
Tgt Ion:114 Resp: 279206

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.382 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045643.D

Acq: 09 Nov 2021 02:40

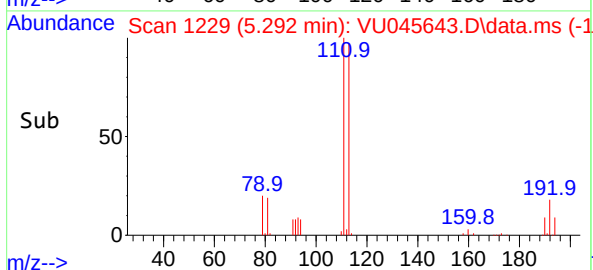
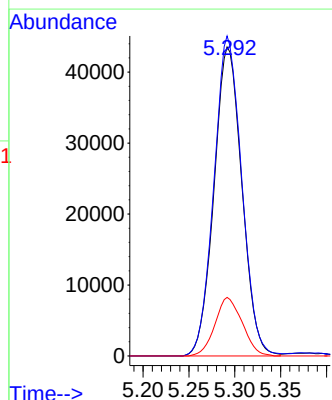
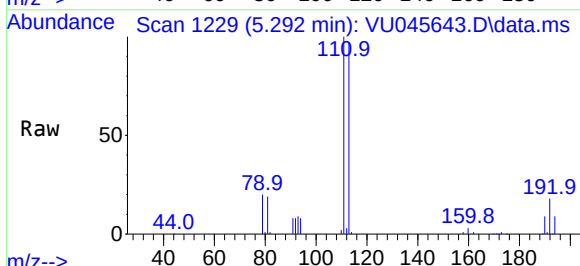
Tgt Ion:113 Resp: 92054

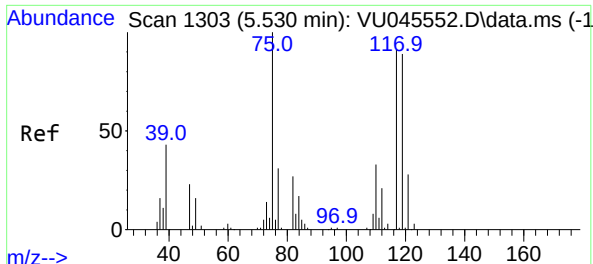
Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 18.5 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.735 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045643.D

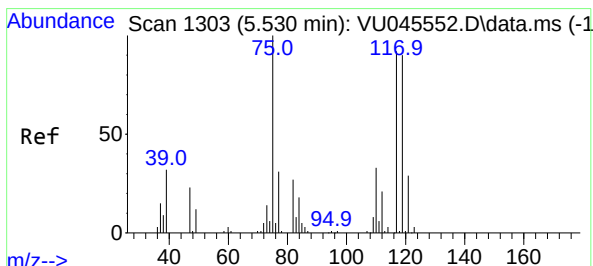
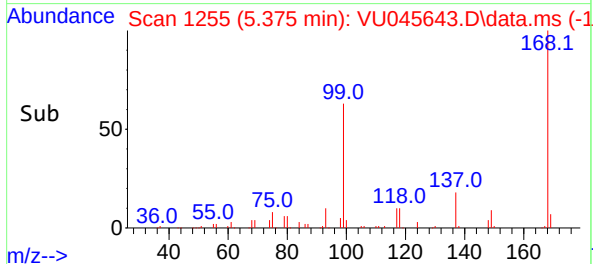
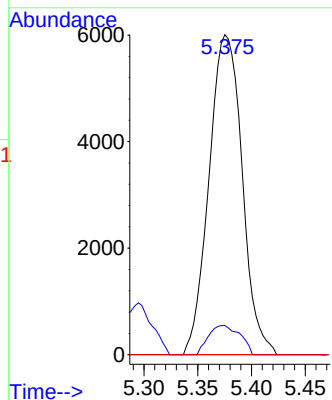
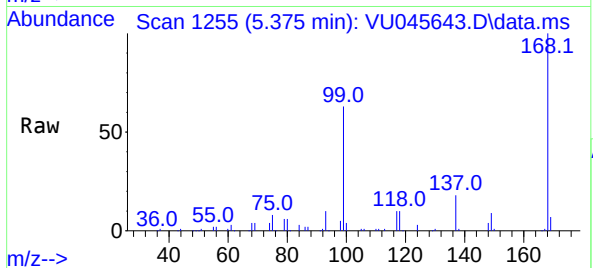
Acq: 09 Nov 2021 02:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	12892
Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.7	50.0#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.587 ug/l

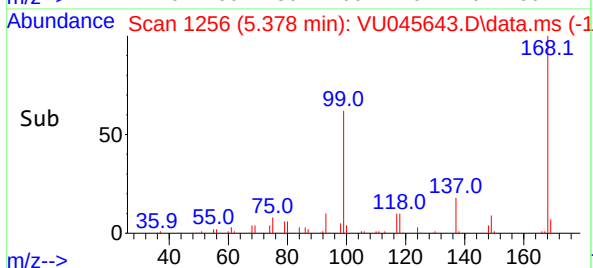
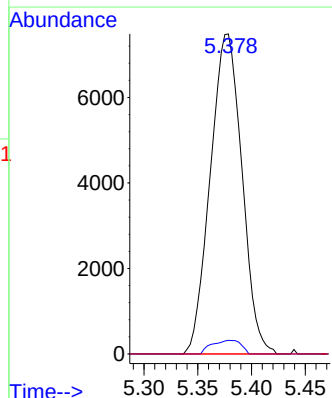
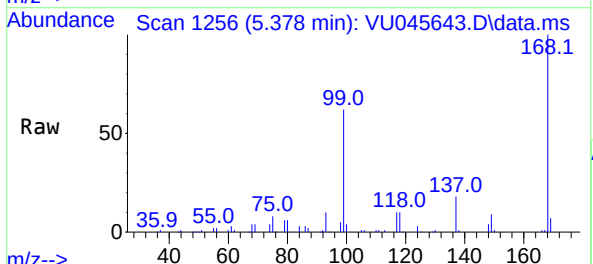
RT: 5.378 min Scan# 1256

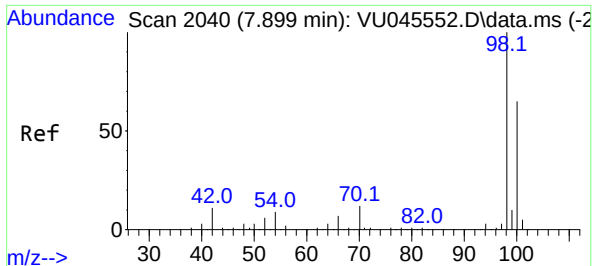
Delta R.T. -0.151 min

Lab File: VU045643.D

Acq: 09 Nov 2021 02:40

Tgt Ion:	117	Resp:	15335
Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.4	116.0#
121	0.0	24.8	37.2#

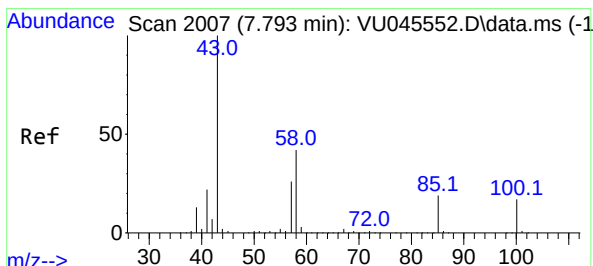
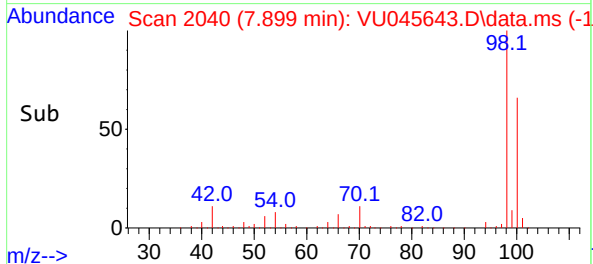
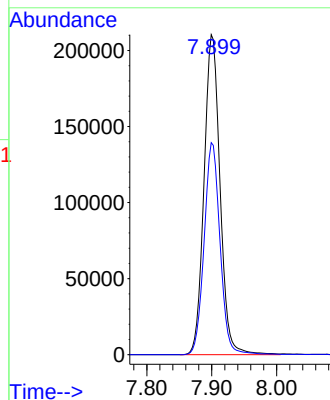
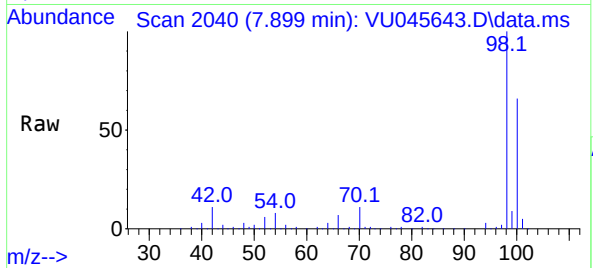




#50
Toluene-d8
Concen: 52.203 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

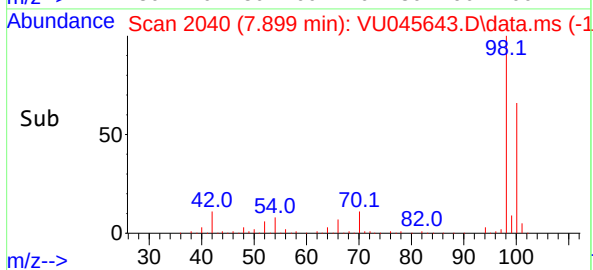
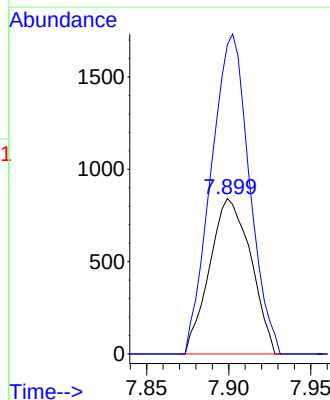
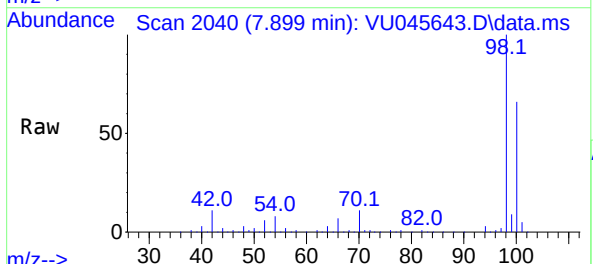
Instrument :
MSVOA_U
ClientSampleId :

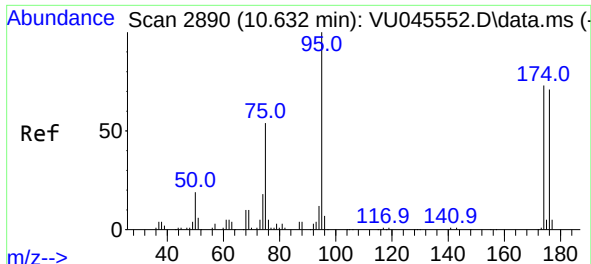
Tgt Ion: 98 Resp: 361855
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
58 191.8 33.8 50.8#

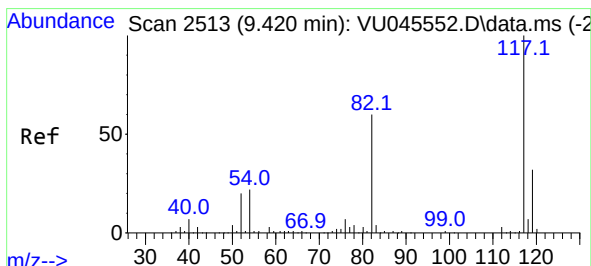
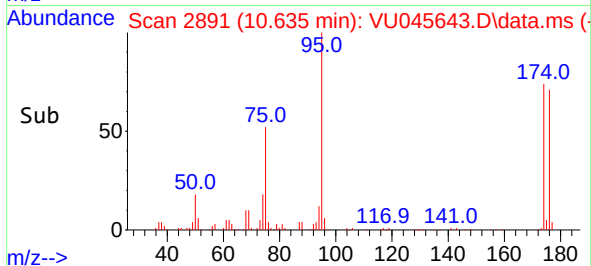
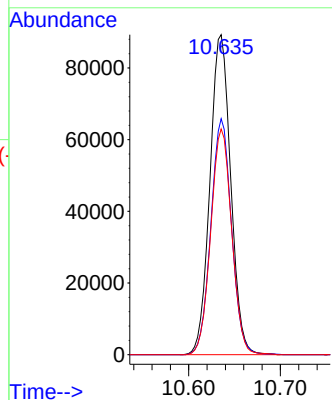
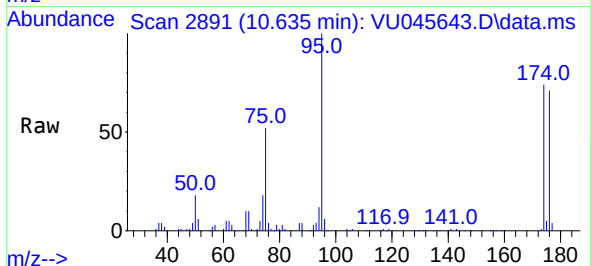




#62
4-Bromofluorobenzene
Concen: 50.672 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

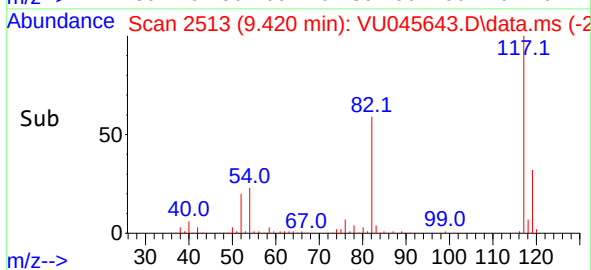
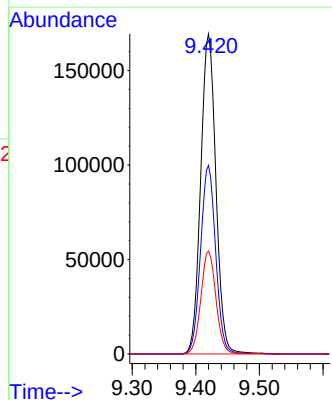
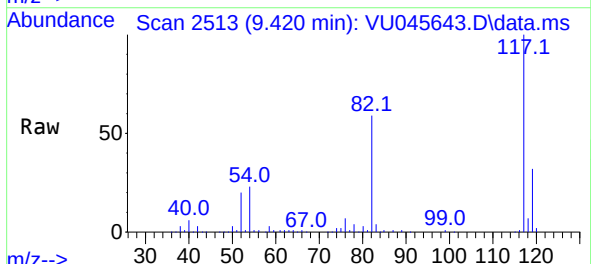
Instrument :
MSVOA_U
ClientSampleId :

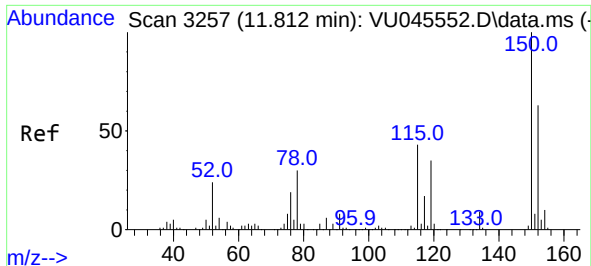
Tgt Ion: 95 Resp: 140846
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.8
176 71.0 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

Tgt Ion: 117 Resp: 281776
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 32.1 25.8 38.8

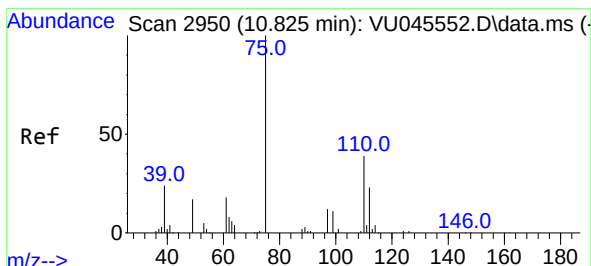
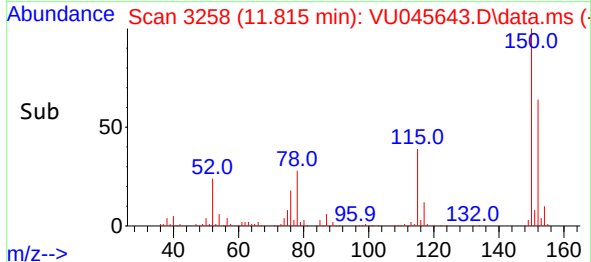
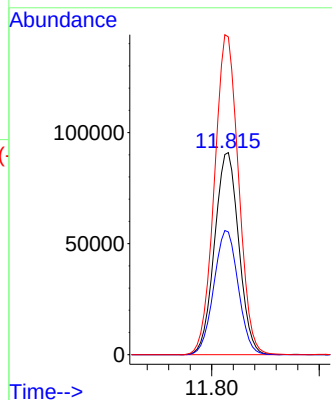
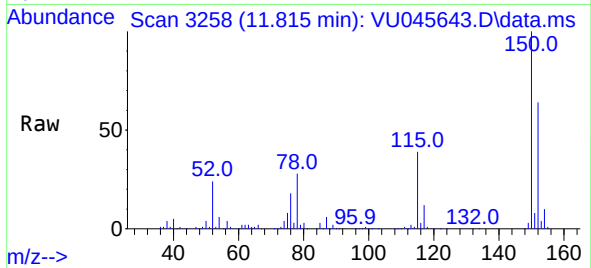




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

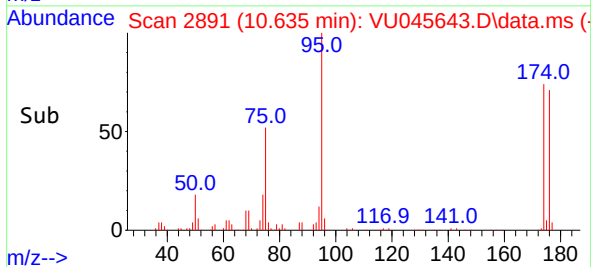
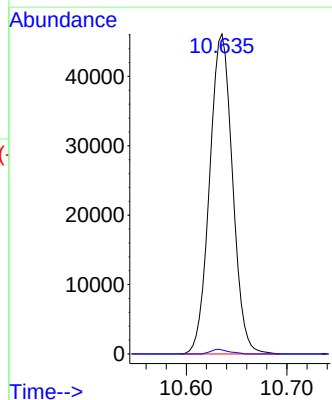
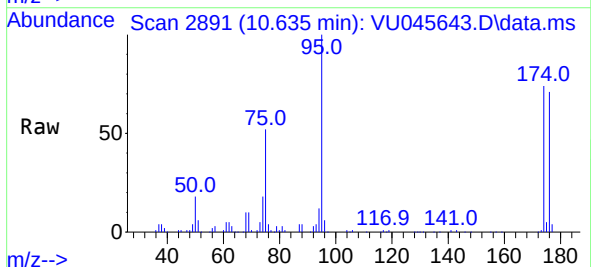
Instrument :
MSVOA_U
ClientSampleId :

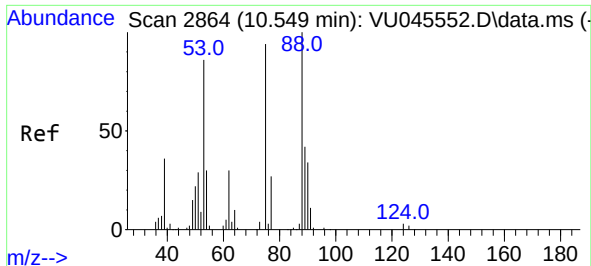
Tgt Ion:152 Resp: 142512
Ion Ratio Lower Upper
152 100
115 61.8 42.7 128.1
150 157.4 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 16.902 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

Tgt Ion: 75 Resp: 73046
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#

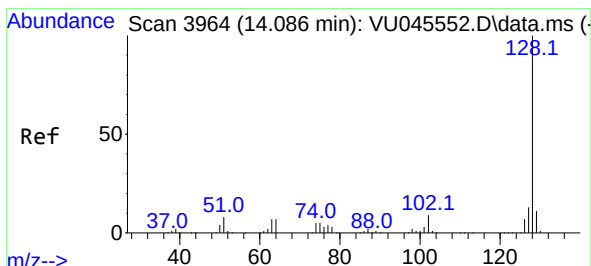
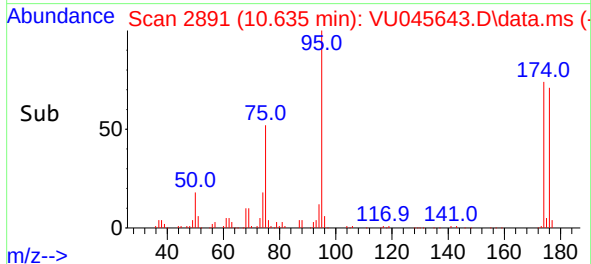
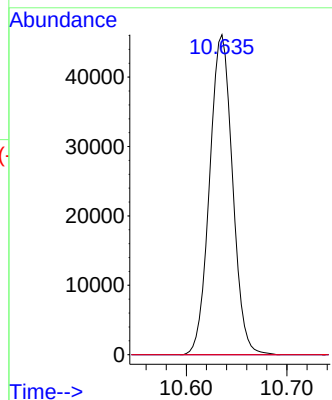
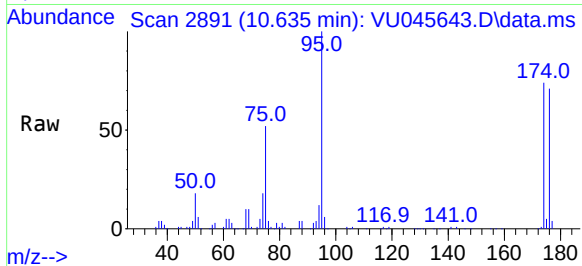




#81
trans-1,4-Dichloro-2-butene
Concen: 55.048 ug/l
RT: 10.635 min Scan# 2864
Delta R.T. 0.086 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 73046
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.068 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045643.D
Acq: 09 Nov 2021 02:40

Tgt Ion:128 Resp: 464
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

