

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045615.D
 Acq On : 08 Nov 2021 15:09
 Operator : SY/MD
 Sample : M4571-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 09:57:07 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)

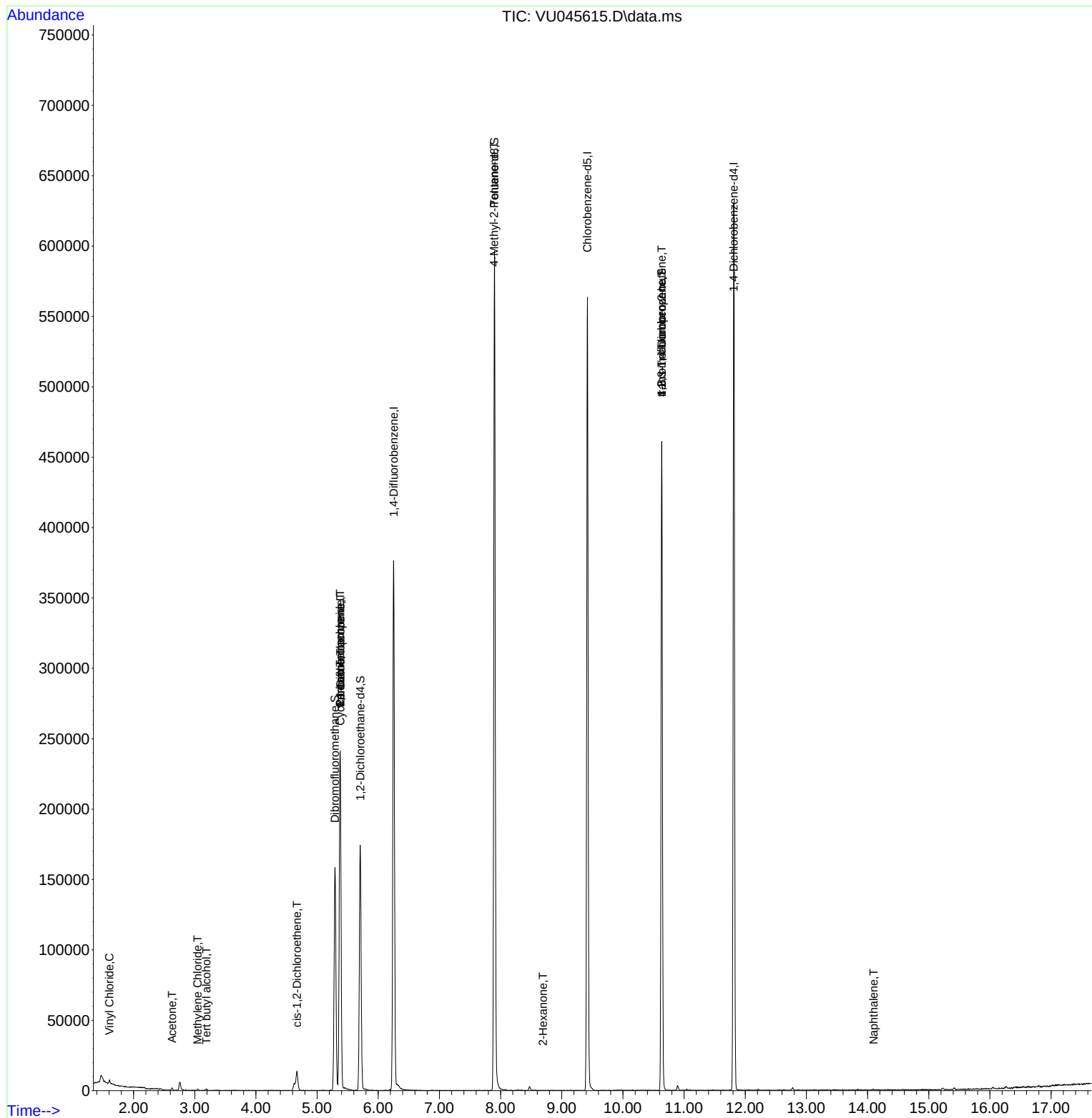
Internal Standards						
1) Pentafluorobenzene	5.378	168	160510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	302759	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	304961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	159669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	129903	54.040	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.080%	
35) Dibromofluoromethane	5.292	113	101743	50.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.660%	
50) Toluene-d8	7.899	98	394382	52.469	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	10.635	95	155102	51.460	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.920%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.607	62	1770	0.763	ug/l	100
11) Tert butyl alcohol	3.189	59	583	1.225	ug/l #	72
16) Acetone	2.629	43	1859	1.519	ug/l	100
20) Methylene Chloride	3.047	84	462	0.217	ug/l	88
27) cis-1,2-Dichloroethene	4.671	96	6769	3.137	ug/l	91
31) Cyclohexane	5.382	56	3587	1.023	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	14260	4.830	ug/l #	50
38) Carbon Tetrachloride	5.375	117	17075	5.737	ug/l #	16
51) 4-Methyl-2-Pentanone	7.896	43	1546	0.452	ug/l #	1
59) 2-Hexanone	8.693	43	81	7.561	ug/l #	21
76) 1,2,3-Trichloropropane	10.635	75	79786	16.478	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	79786	53.741	ug/l #	12
95) Naphthalene	14.098	128	889	1.096	ug/l #	75

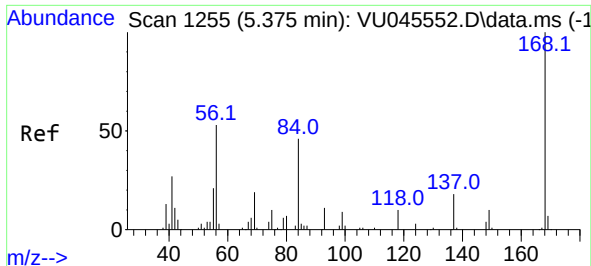
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
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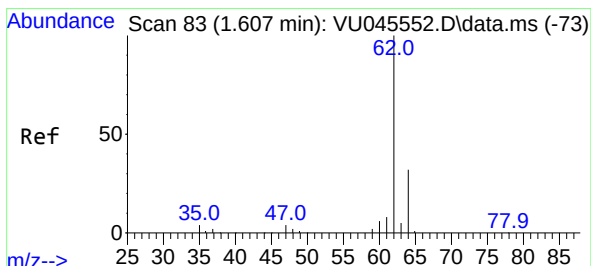
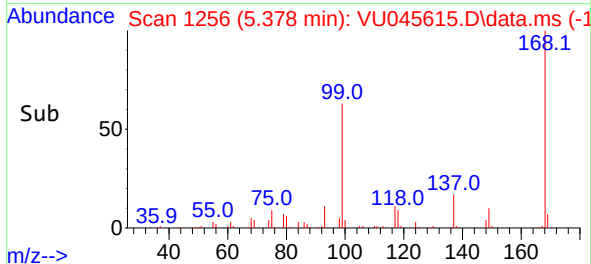
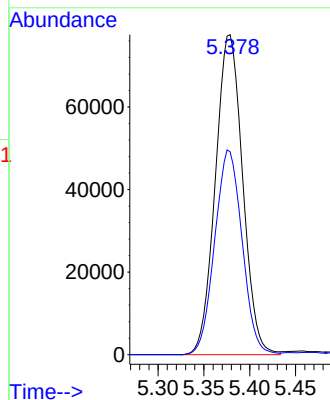
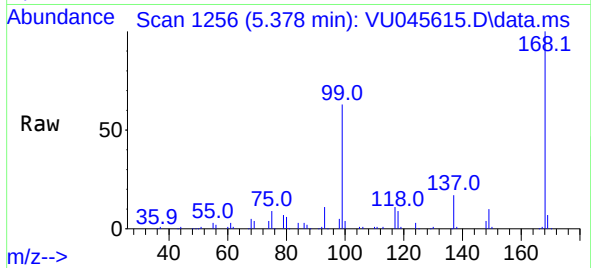




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

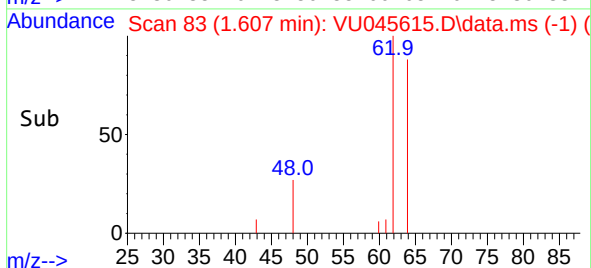
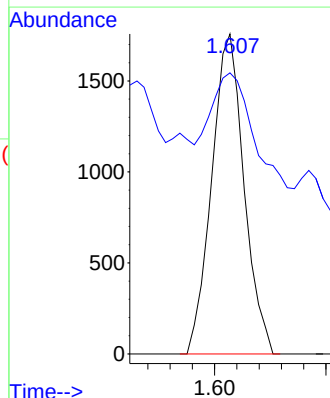
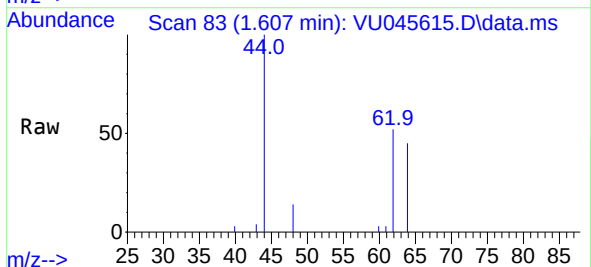
Instrument :
MSVOA_U
ClientSampleId :

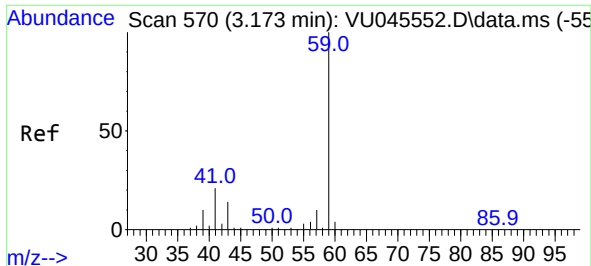
Tgt Ion:168 Resp: 160510
Ion Ratio Lower Upper
168 100
99 63.4 51.0 76.6



#4
Vinyl Chloride
Concen: 0.763 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

Tgt Ion: 62 Resp: 1770
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





#11

Tert butyl alcohol

Concen: 1.225 ug/l

RT: 3.189 min Scan# 51

Delta R.T. 0.016 min

Lab File: VU045615.D

Acq: 08 Nov 2021 15:09

Instrument :

MSVOA_U

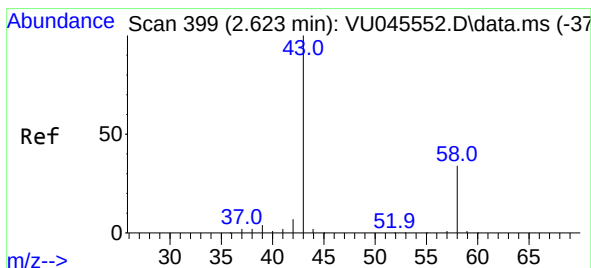
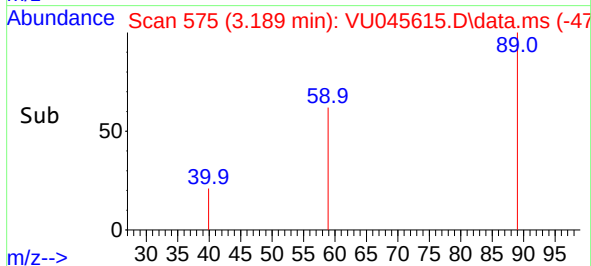
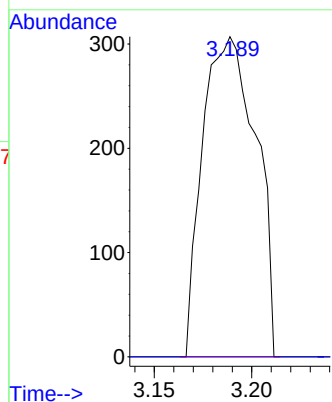
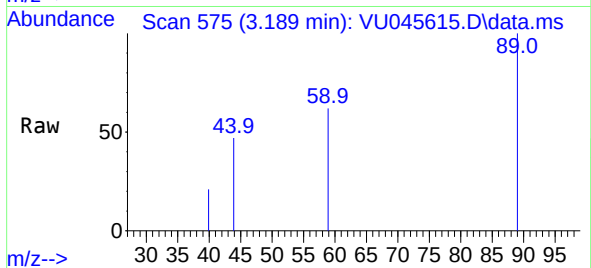
ClientSampleId :

Tgt Ion: 59 Resp: 583

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.519 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU045615.D

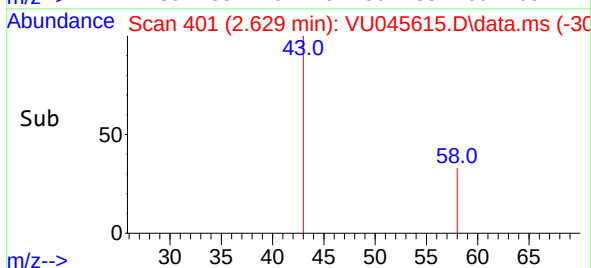
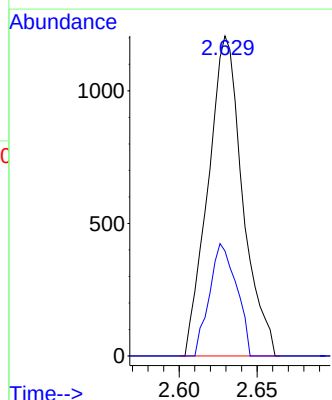
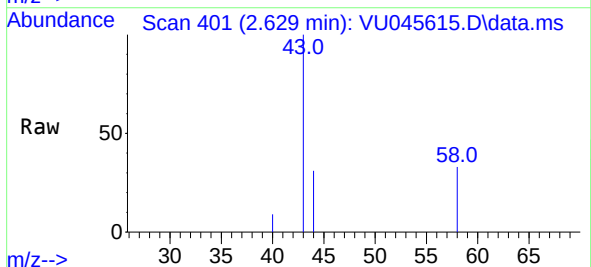
Acq: 08 Nov 2021 15:09

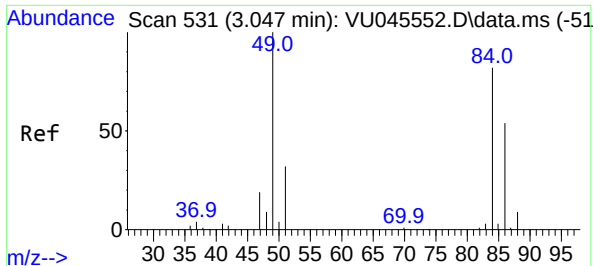
Tgt Ion: 43 Resp: 1859

Ion Ratio Lower Upper

43 100

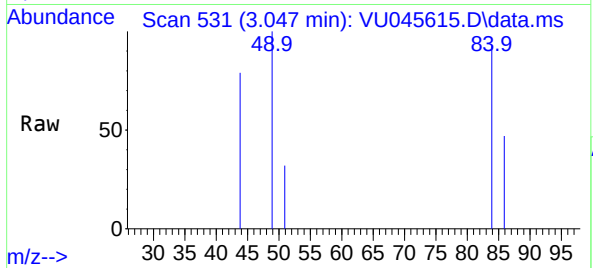
58 32.8 26.2 39.2





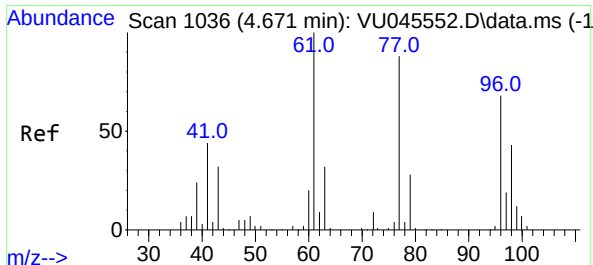
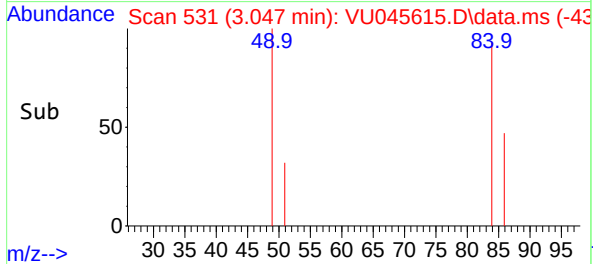
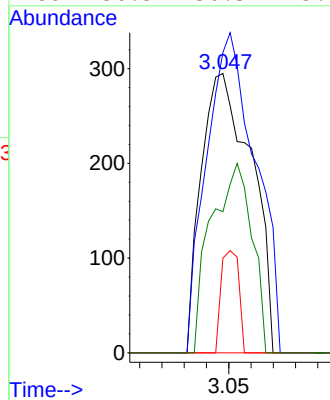
#20
Methylene Chloride
Concen: 0.217 ug/l
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 462

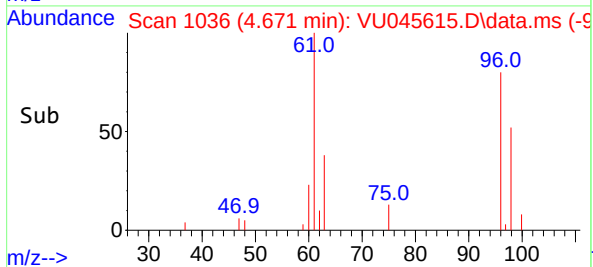
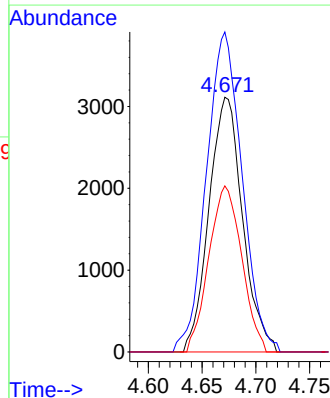
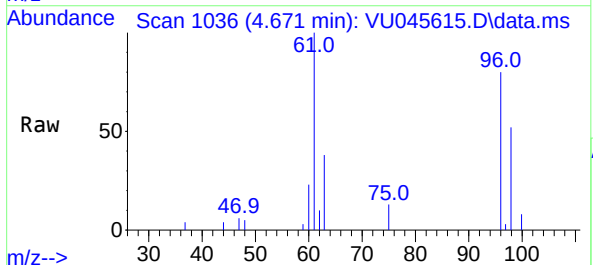
Ion	Ratio	Lower	Upper
84	100		
49	107.5	96.4	144.6
51	33.9	30.5	45.7
86	50.5	50.3	75.5

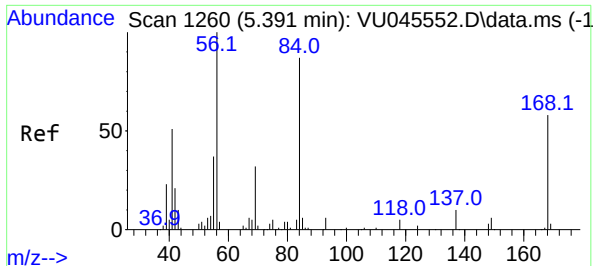


#27
cis-1,2-Dichloroethene
Concen: 3.137 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

Tgt Ion: 96 Resp: 6769

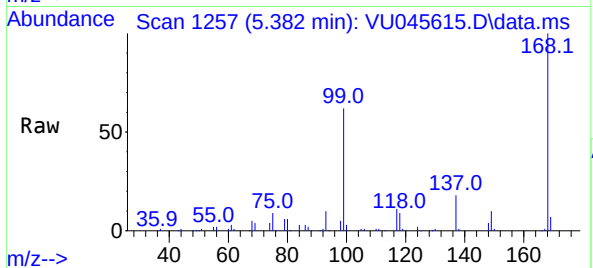
Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	299.2
98	63.7	0.0	127.6



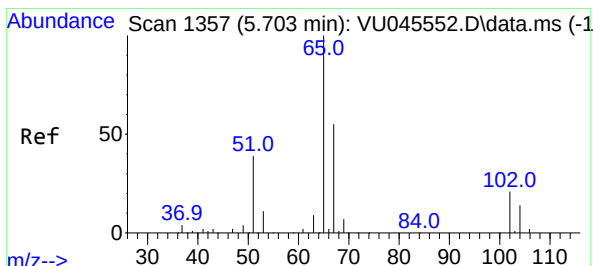
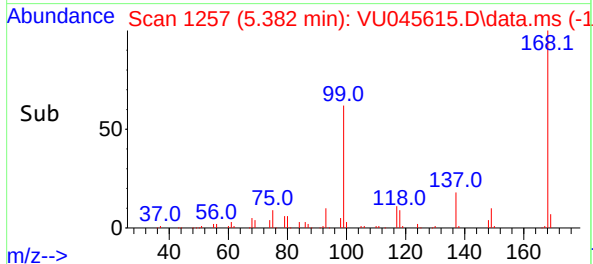
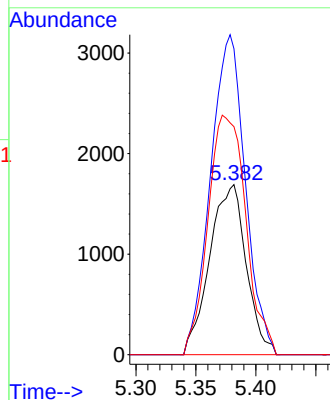


#31
Cyclohexane
Concen: 1.023 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

Instrument :
MSVOA_U
ClientSampleId :

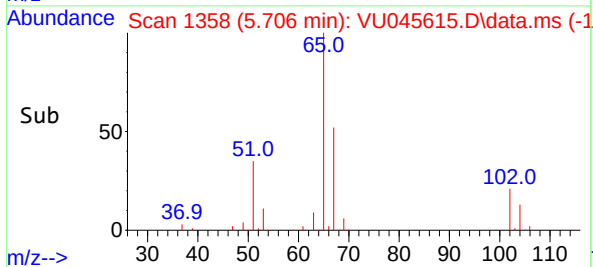
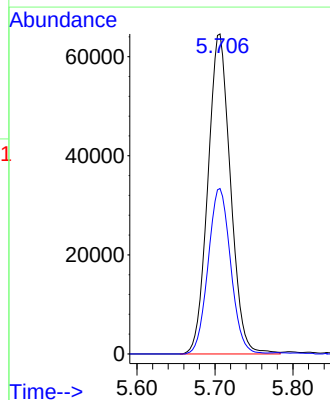
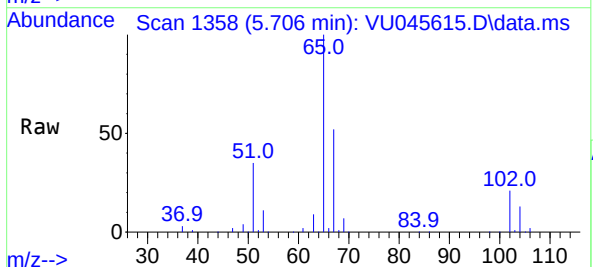


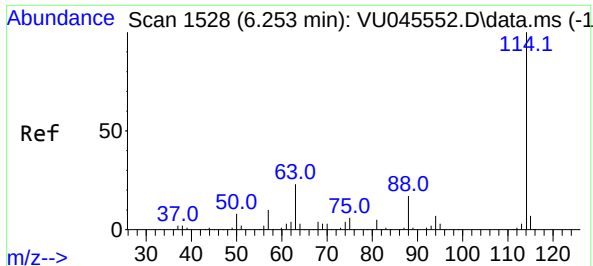
Tgt Ion: 56 Resp: 3587
Ion Ratio Lower Upper
56 100
69 179.8 26.4 39.6#
84 134.0 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 54.040 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

Tgt Ion: 65 Resp: 129903
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.8

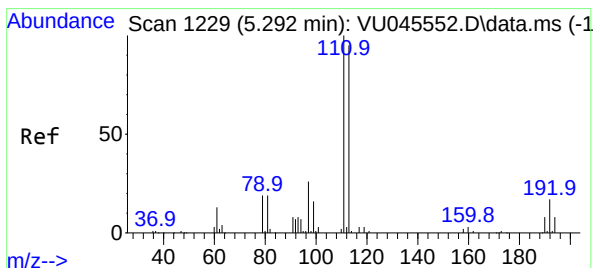
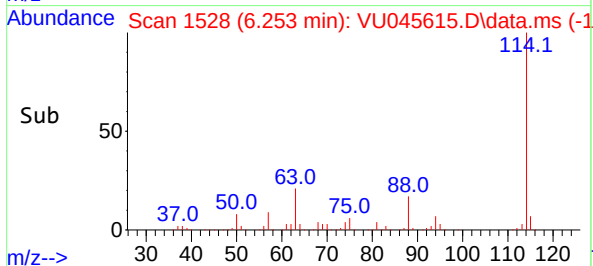
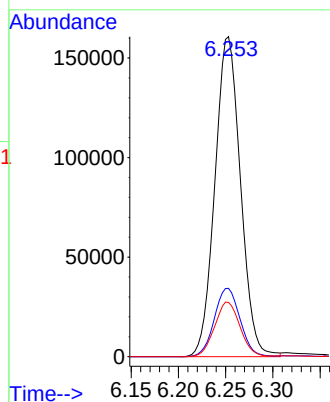
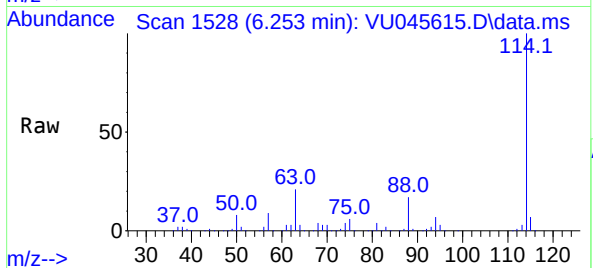




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

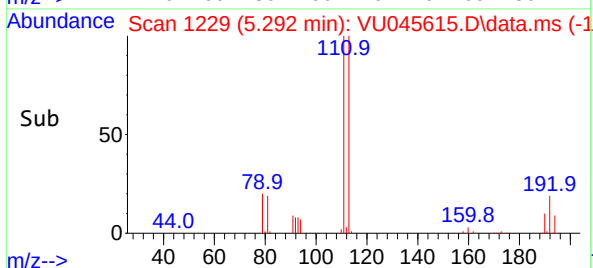
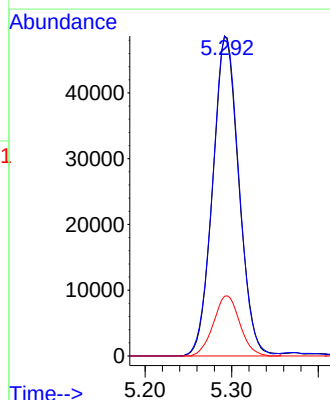
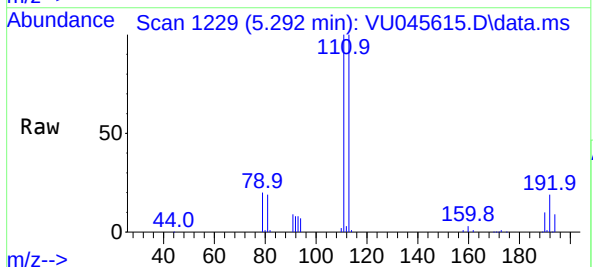
Instrument :
MSVOA_U
ClientSampleId :

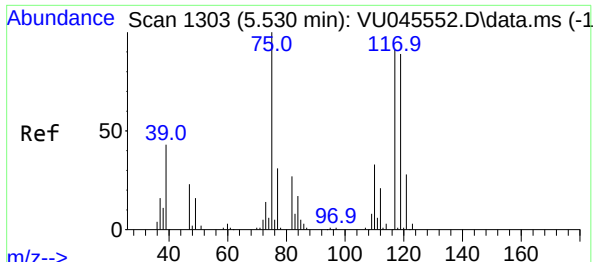
Tgt Ion:114 Resp: 302759
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.6
88 17.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.334 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

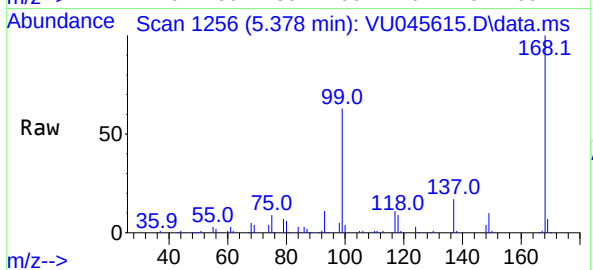
Tgt Ion:113 Resp: 101743
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 19.0 14.8 22.2



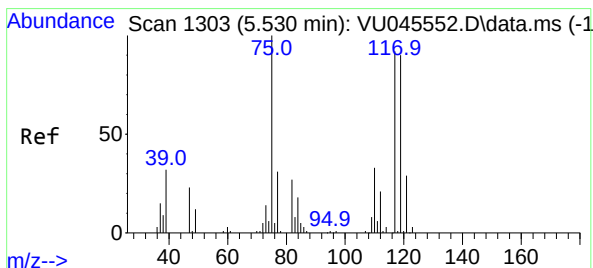
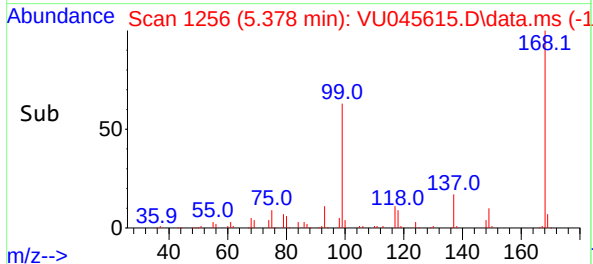
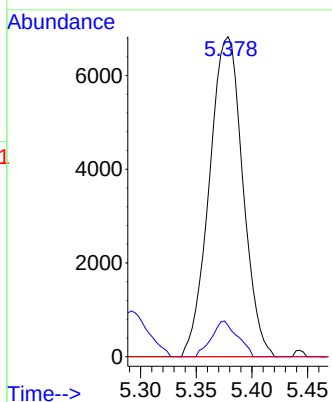


#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.151 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

Instrument :
MSVOA_U
ClientSampleId :

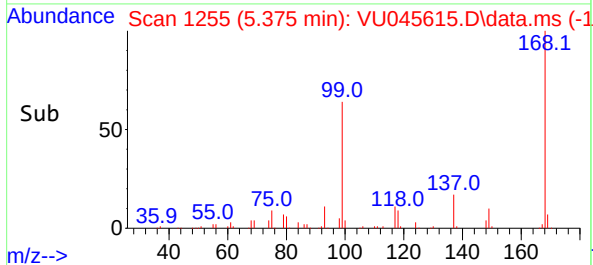
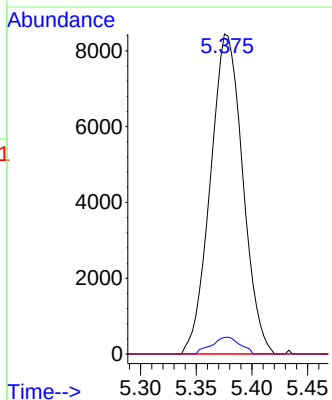
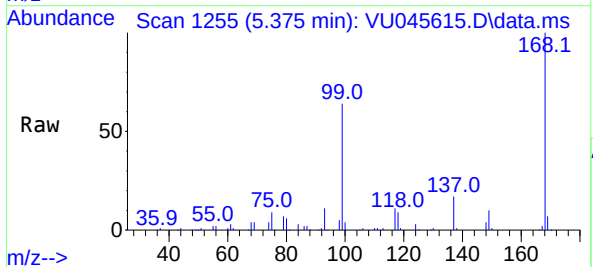


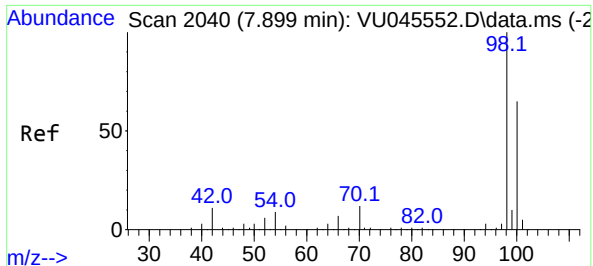
Tgt Ion: 75 Resp: 14260
Ion Ratio Lower Upper
75 100
110 8.6 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.737 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

Tgt Ion:117 Resp: 17075
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 24.8 37.2#

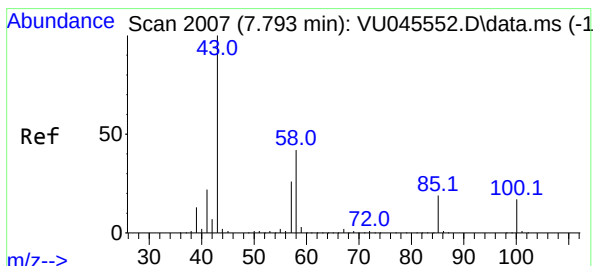
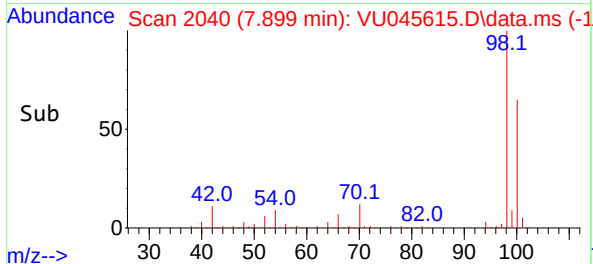
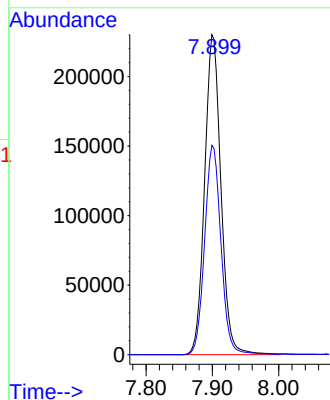
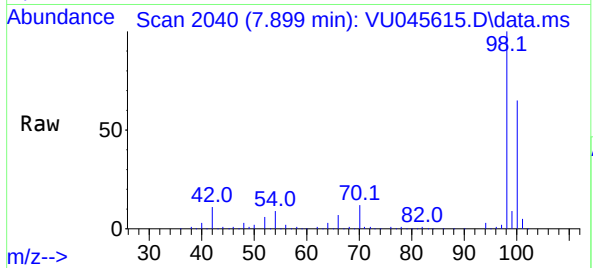




#50
Toluene-d8
Concen: 52.469 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

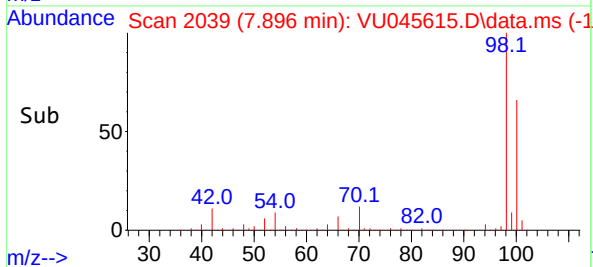
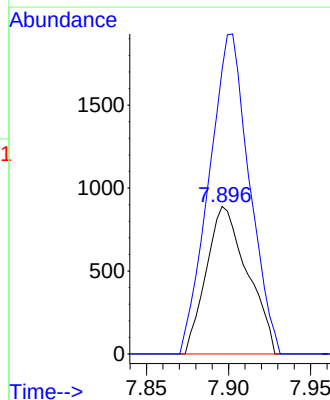
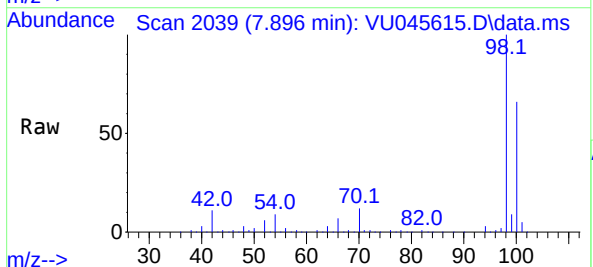
Instrument :
MSVOA_U
ClientSampleId :

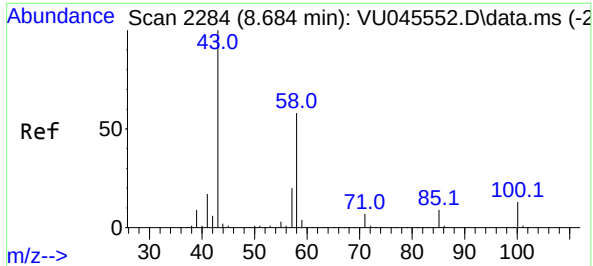
Tgt Ion: 98 Resp: 394382
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.103 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

Tgt Ion: 43 Resp: 1546
Ion Ratio Lower Upper
43 100
58 213.2 33.8 50.8#

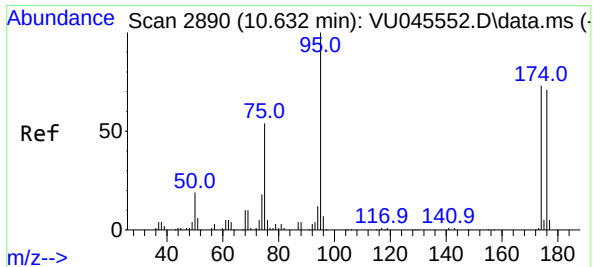
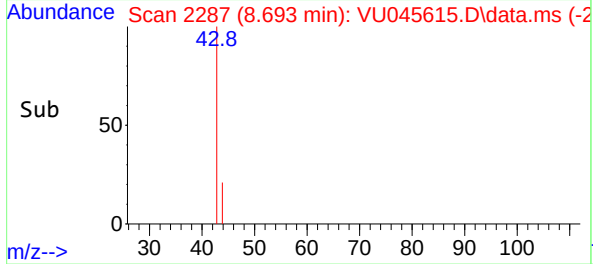
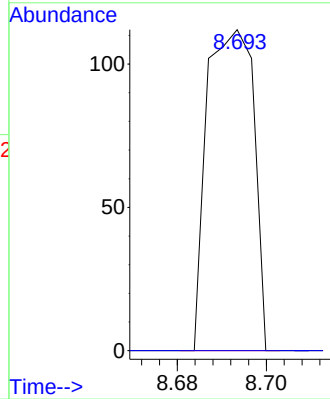
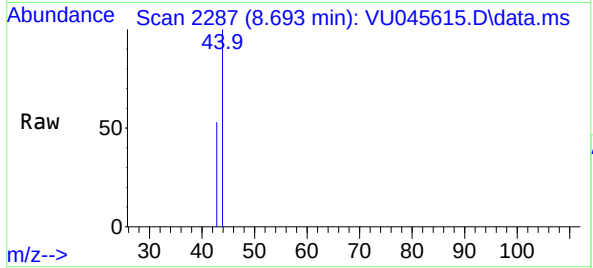




#59
2-Hexanone
Concen: 7.561 ug/l
RT: 8.693 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

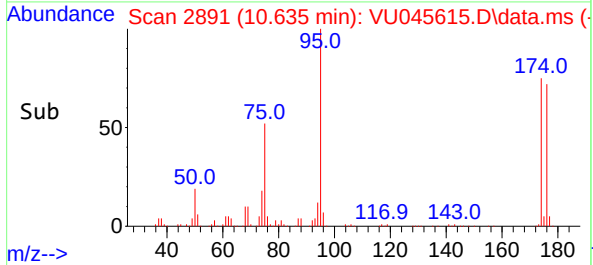
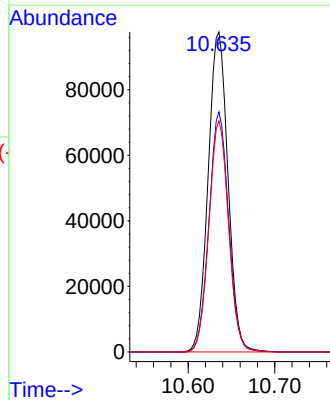
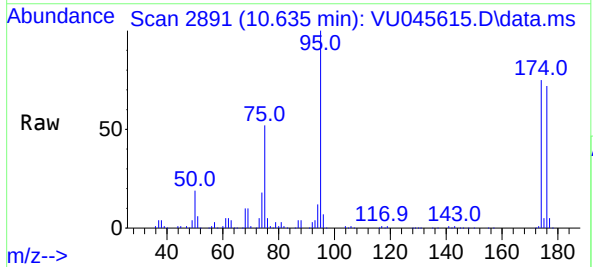
Instrument :
MSVOA_U
ClientSampleId :

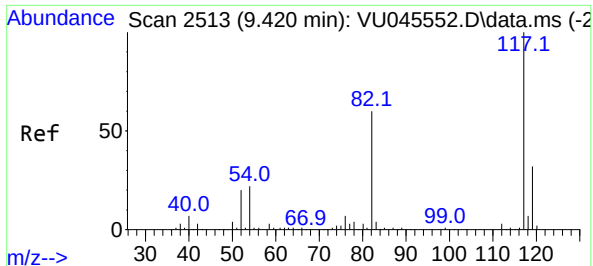
Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 51.460 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

Tgt Ion: 95 Resp: 155102
Ion Ratio Lower Upper
95 100
174 74.5 0.0 141.8
176 71.3 0.0 138.2

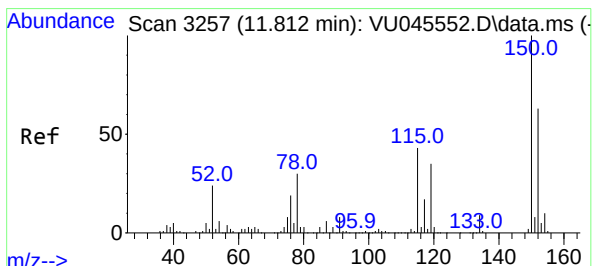
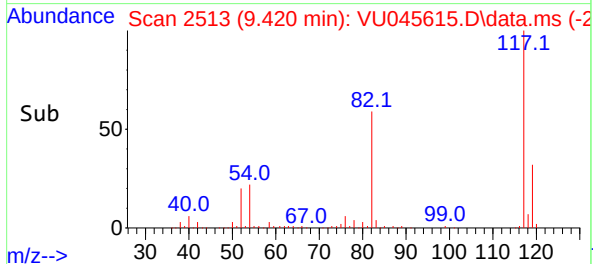
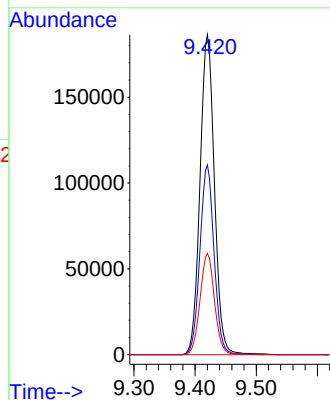
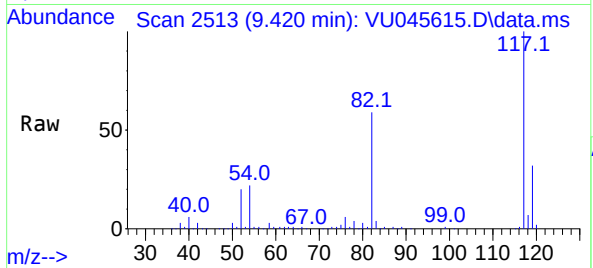




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

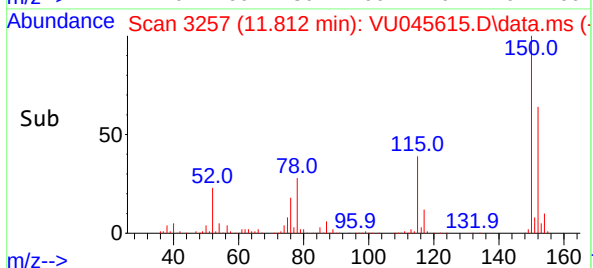
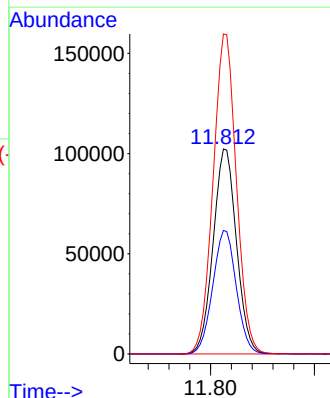
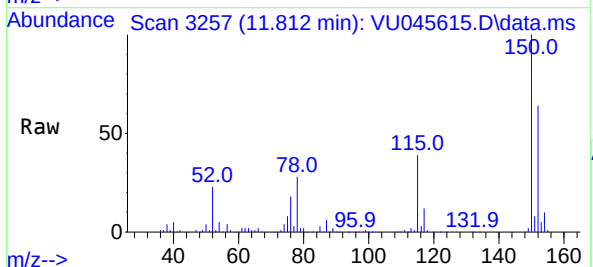
Instrument :
MSVOA_U
ClientSampleId :

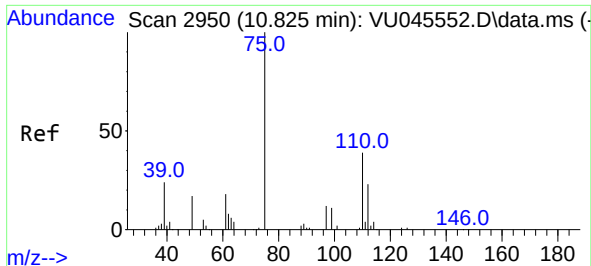
Tgt Ion:117 Resp: 304961
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.8
119 31.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

Tgt Ion:152 Resp: 159669
Ion Ratio Lower Upper
152 100
115 60.7 42.7 128.1
150 155.7 0.0 346.8

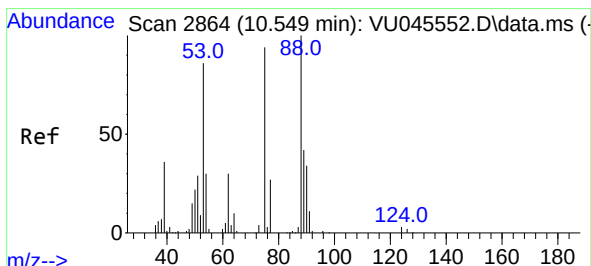
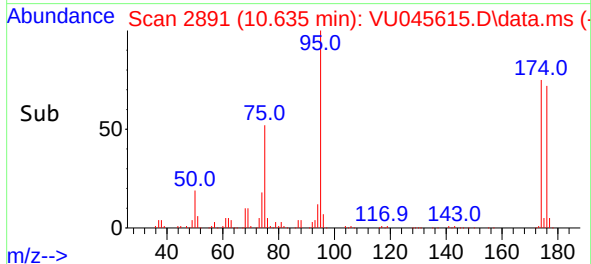
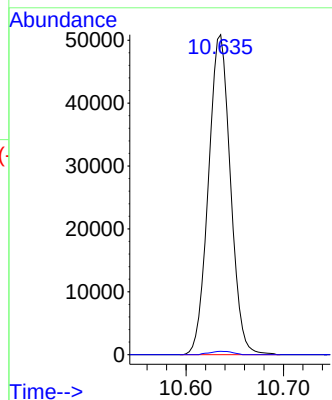
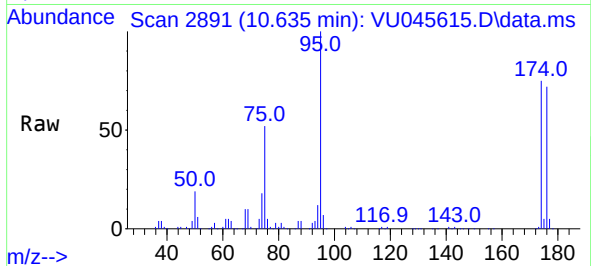




#76
1,2,3-Trichloropropane
Concen: 16.478 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

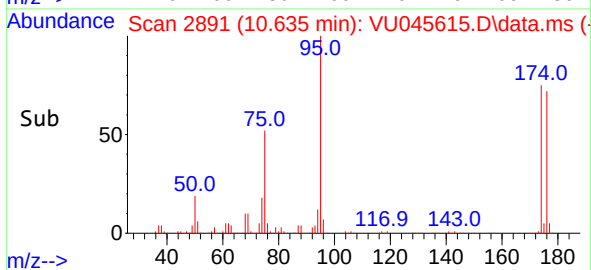
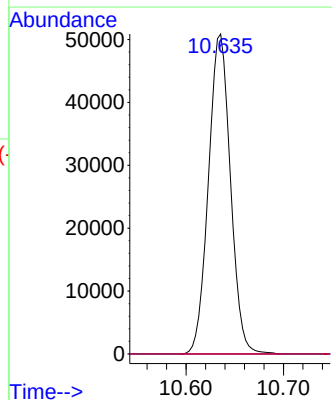
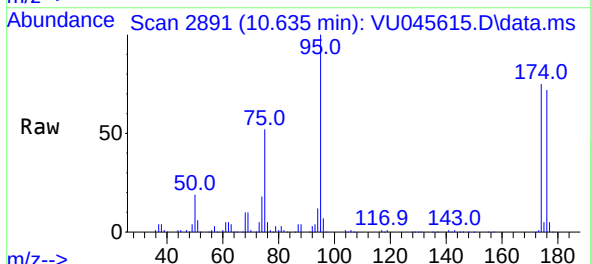
Instrument :
MSVOA_U
ClientSampleId :

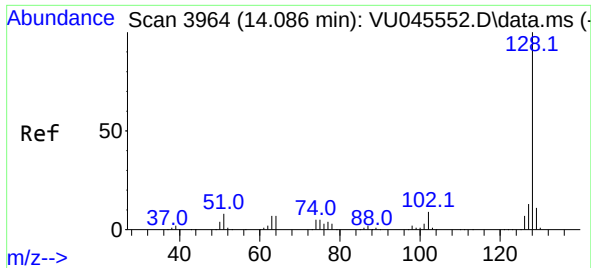
Tgt Ion: 75 Resp: 79786
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.741 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

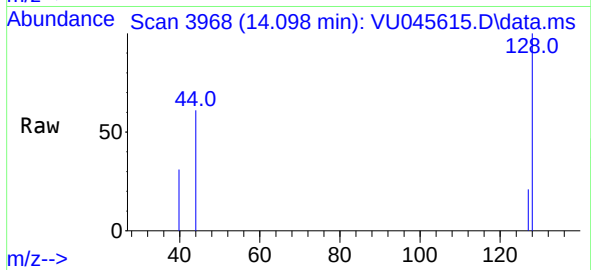
Tgt Ion: 75 Resp: 79786
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95
Naphthalene
Concen: 1.096 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.012 min
Lab File: VU045615.D
Acq: 08 Nov 2021 15:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	889
Ion	Ratio	Lower	Upper
128	100		
127	4.7	10.6	15.8#
129	0.0	8.6	13.0#

