

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045737.D
 Acq On : 11 Nov 2021 14:40
 Operator : SY/MD
 Sample : M4606-11 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 06:08:53 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	121331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	226562	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	231920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	115925	50.000	ug/l	0.00

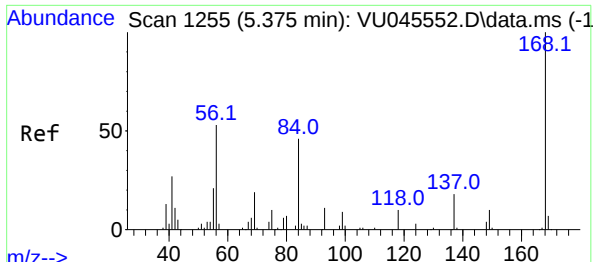
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	99648	54.840	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.680%
35) Dibromofluoromethane	5.292	113	78154	51.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.340%
50) Toluene-d8	7.902	98	299689	53.281	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.560%
62) 4-Bromofluorobenzene	10.635	95	112505	49.881	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.760%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluo...	2.578	101	281	0.208	ug/l #	40
12) 1,1-Dichloroethene	2.584	96	651	0.488	ug/l #	84
16) Acetone	2.626	43	481	0.520	ug/l #	88
20) Methylene Chloride	3.051	84	674	0.419	ug/l #	80
21) trans-1,2-Dichloroethene	3.362	96	807	0.581	ug/l	91
27) cis-1,2-Dichloroethene	4.671	96	40782	25.003	ug/l	87
31) Cyclohexane	5.378	56	2866	1.081	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10617	4.806	ug/l #	50
38) Carbon Tetrachloride	5.375	117	13398	6.016	ug/l #	16
39) Methylcyclohexane	6.549	83	2469	0.911	ug/l #	1
44) Trichloroethene	6.546	130	177940	113.657	ug/l	98
45) 1,2-Dichloropropane	6.542	63	763	0.441	ug/l #	1
51) 4-Methyl-2-Pentanone	7.899	43	1170	0.457	ug/l #	1
59) 2-Hexanone	8.684	43	20	7.544	ug/l #	21
76) 1,2,3-Trichloropropane	10.635	75	59703	16.983	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.635	75	59703	55.297	ug/l #	12
95) Naphthalene	14.095	128	370	1.067	ug/l #	69

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

Quant Time: Nov 12 06:08:53 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

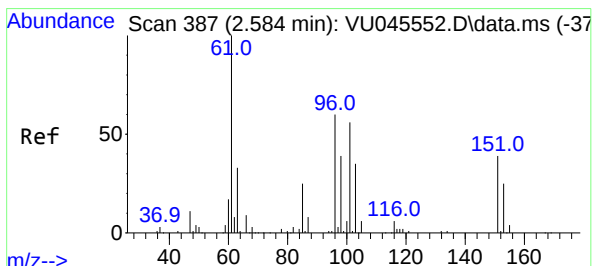
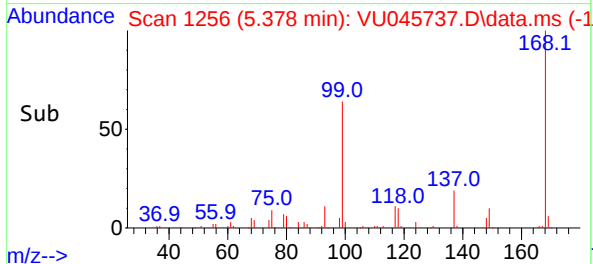
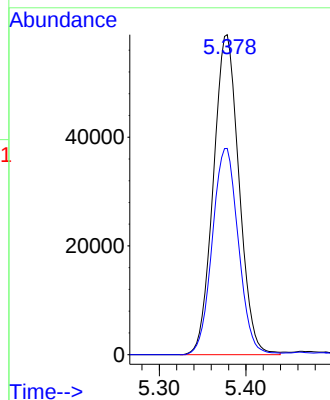
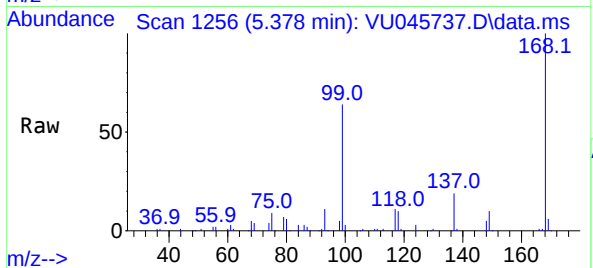




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

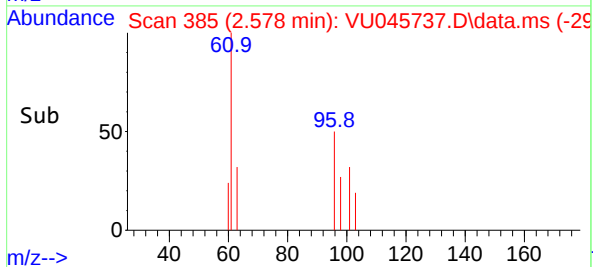
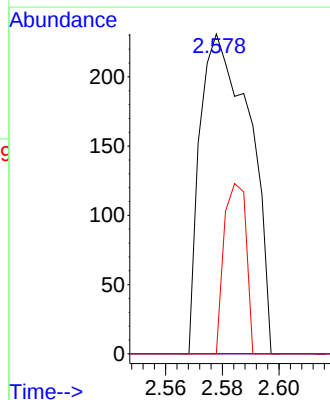
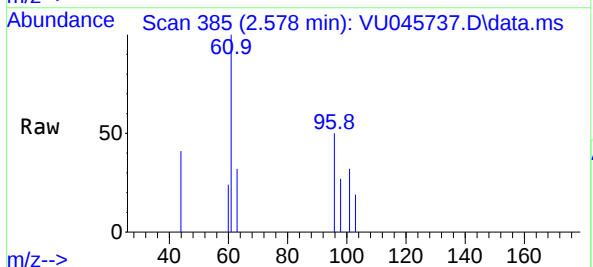
Instrument :
MSVOA_U
ClientSampleId :

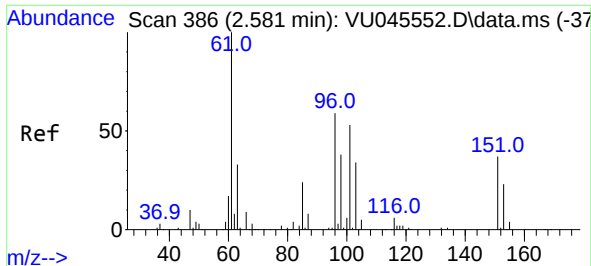
Tgt Ion:168 Resp: 121331
Ion Ratio Lower Upper
168 100
99 64.4 51.0 76.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.208 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.007 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

Tgt Ion:101 Resp: 281
Ion Ratio Lower Upper
101 100
85 0.0 35.0 52.4#
151 23.5 54.6 82.0#





#12

1,1-Dichloroethene

Concen: 0.488 ug/l

RT: 2.584 min Scan# 3

Delta R.T. 0.003 min

Lab File: VU045737.D

Acq: 11 Nov 2021 14:40

Instrument :

MSVOA_U

ClientSampleId :

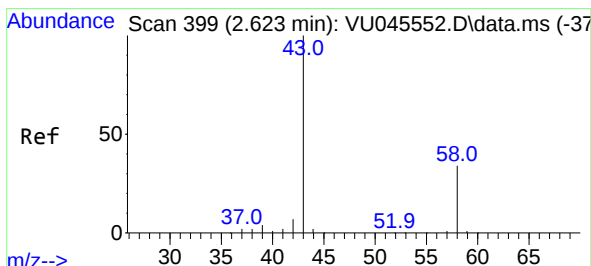
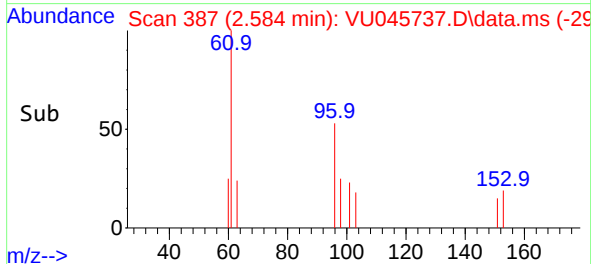
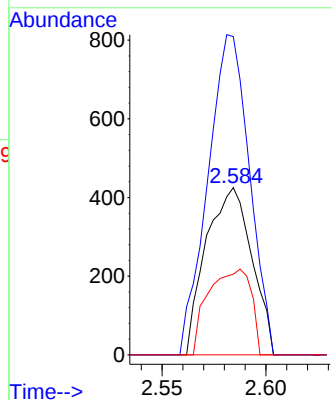
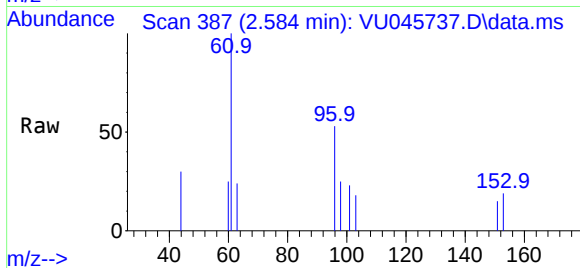
Tgt Ion: 96 Resp: 651

Ion Ratio Lower Upper

96 100

61 190.4 137.1 205.7

98 48.2 51.5 77.3#



#16

Acetone

Concen: 0.520 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045737.D

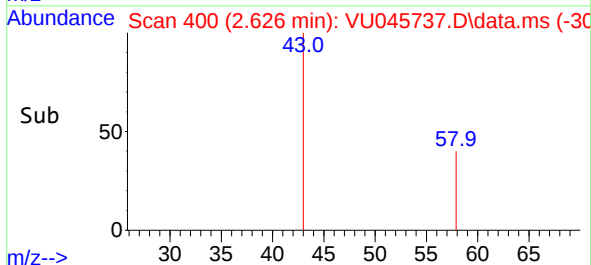
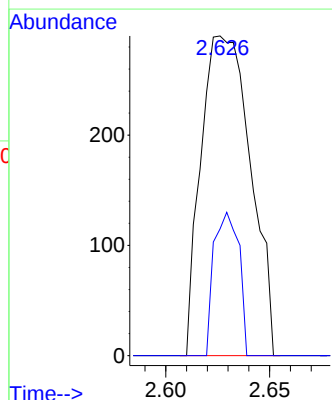
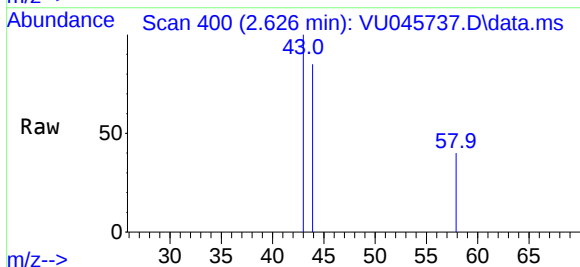
Acq: 11 Nov 2021 14:40

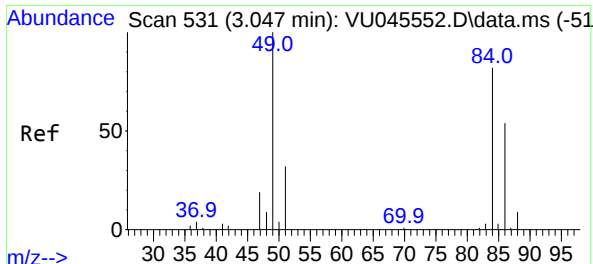
Tgt Ion: 43 Resp: 481

Ion Ratio Lower Upper

43 100

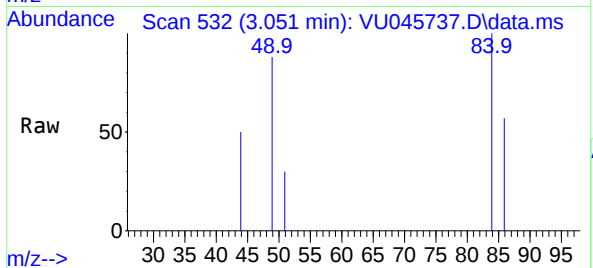
58 39.7 26.2 39.2#





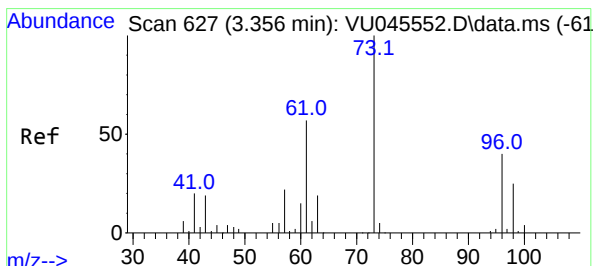
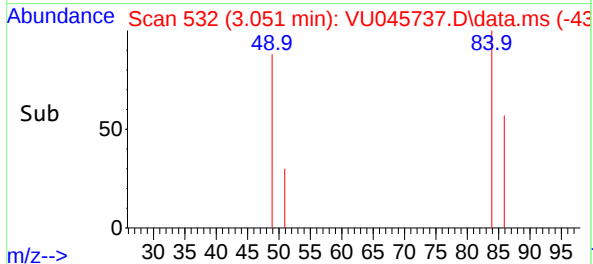
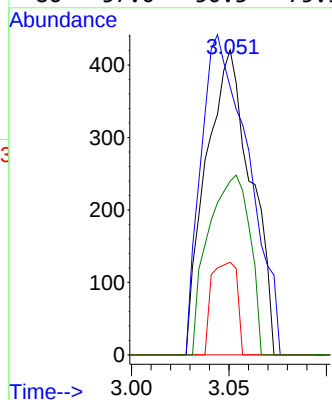
#20
Methylene Chloride
Concen: 0.419 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 674

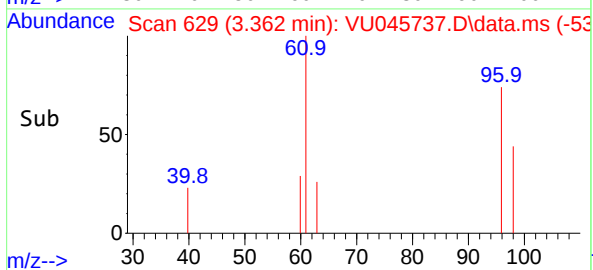
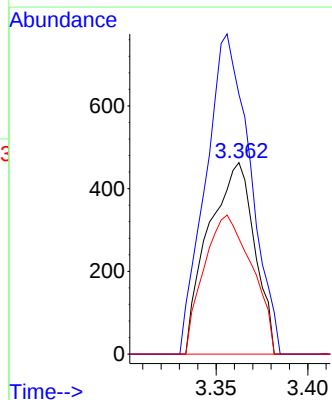
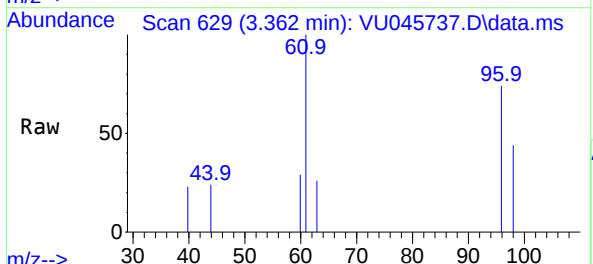
Ion	Ratio	Lower	Upper
84	100		
49	87.9	96.4	144.6#
51	30.4	30.5	45.7#
86	57.0	50.3	75.5

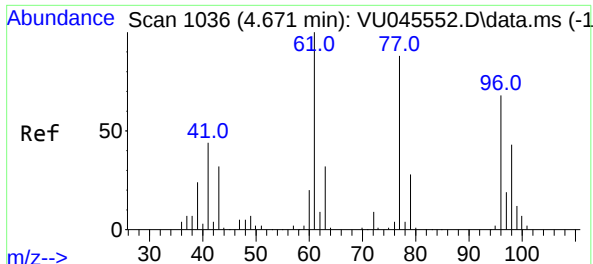


#21
trans-1,2-Dichloroethene
Concen: 0.581 ug/l
RT: 3.362 min Scan# 629
Delta R.T. 0.006 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

Tgt Ion: 96 Resp: 807

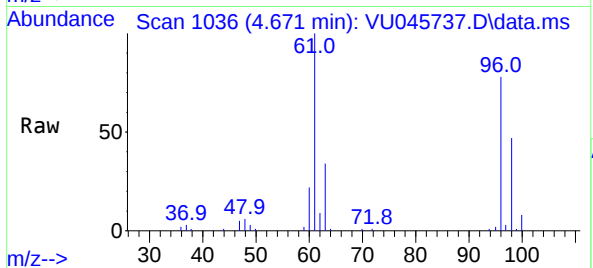
Ion	Ratio	Lower	Upper
96	100		
61	135.6	118.2	177.4
98	60.3	52.1	78.1





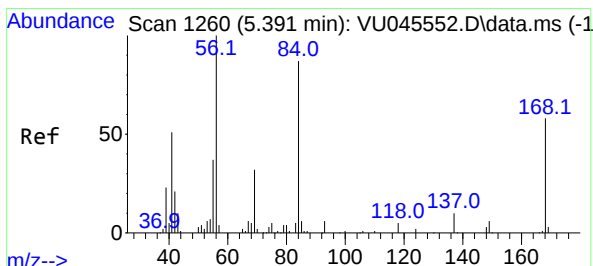
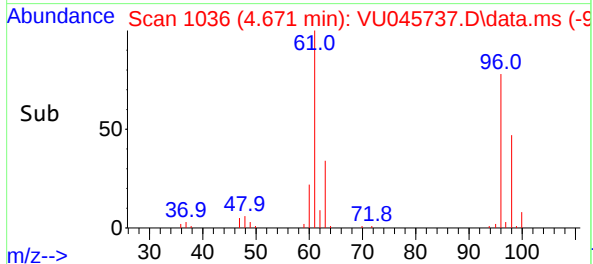
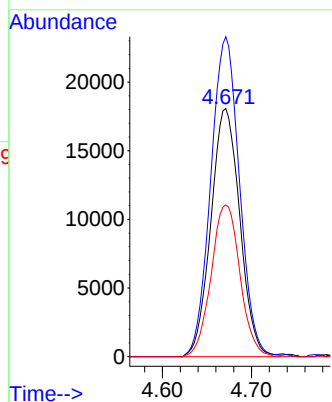
#27
 cis-1,2-Dichloroethene
 Concen: 25.003 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045737.D
 Acq: 11 Nov 2021 14:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 40782

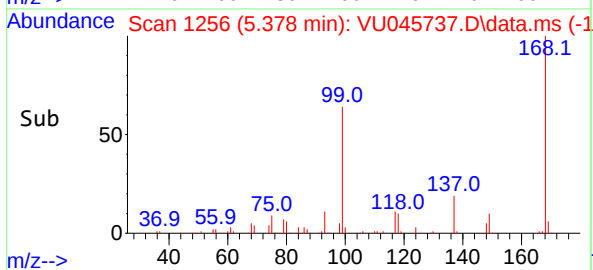
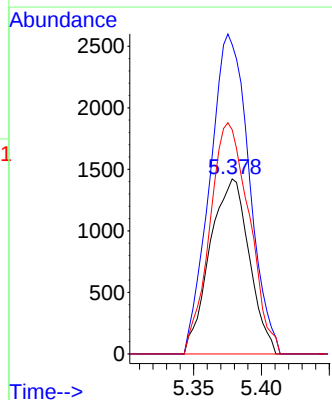
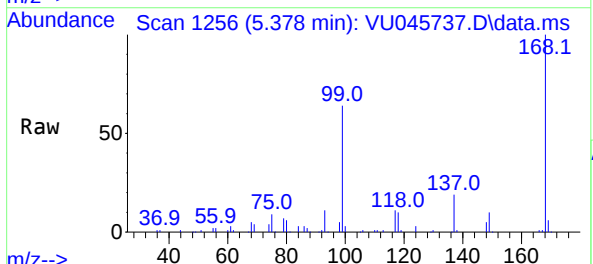
Ion	Ratio	Lower	Upper
96	100		
61	127.6	0.0	299.2
98	60.9	0.0	127.6

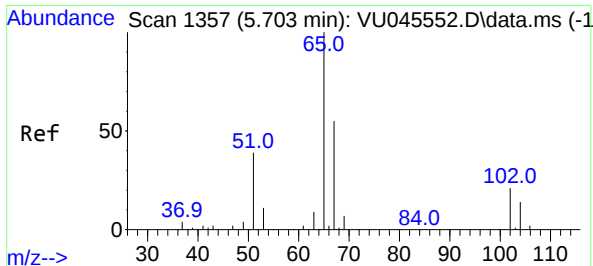


#31
 Cyclohexane
 Concen: 1.081 ug/l
 RT: 5.378 min Scan# 1256
 Delta R.T. -0.013 min
 Lab File: VU045737.D
 Acq: 11 Nov 2021 14:40

Tgt Ion: 56 Resp: 2866

Ion	Ratio	Lower	Upper
56	100		
69	176.7	26.4	39.6#
84	128.1	68.4	102.6#

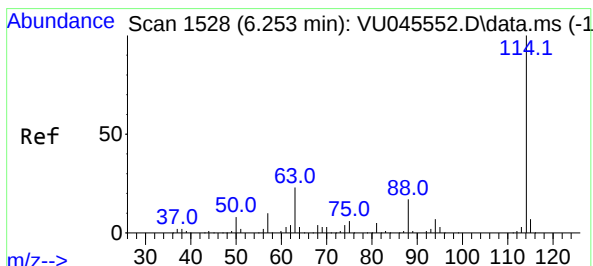
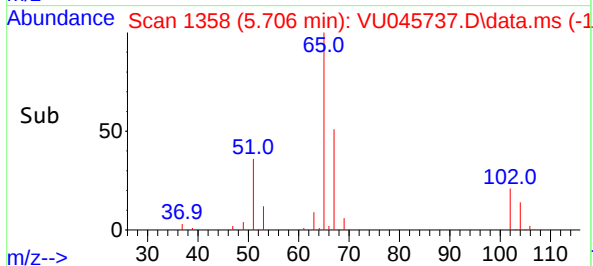
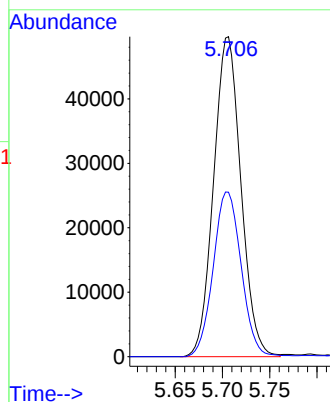
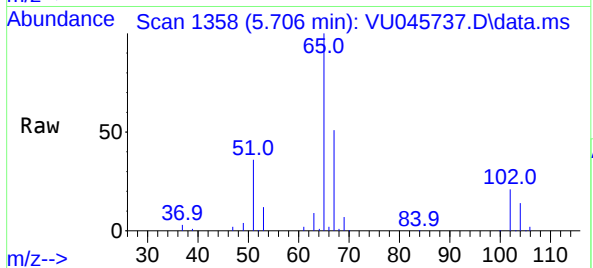




#33
1,2-Dichloroethane-d4
Concen: 54.840 ug/l
RT: 5.706 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

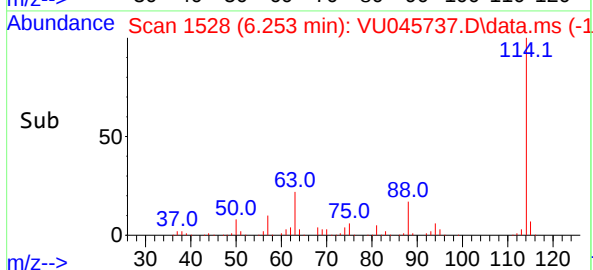
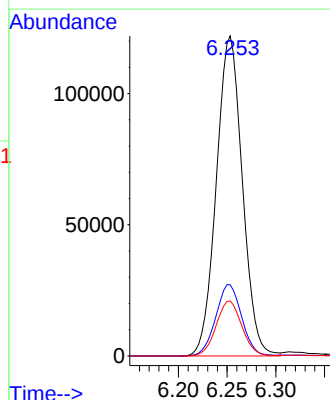
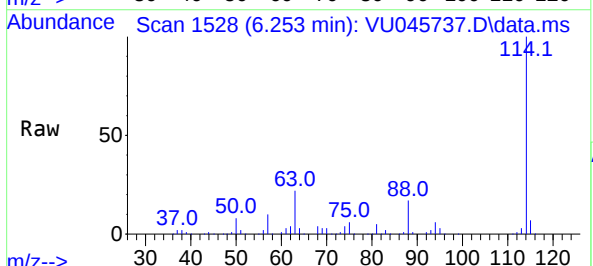
Instrument :
MSVOA_U
ClientSampleId :

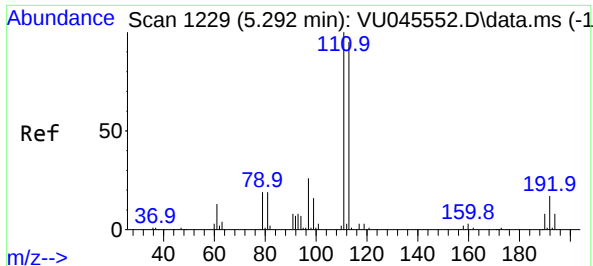
Tgt Ion: 65 Resp: 99648
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

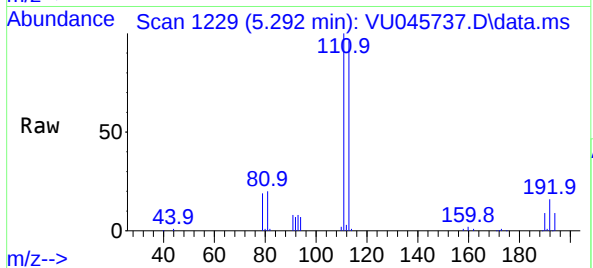
Tgt Ion: 114 Resp: 226562
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.6
88 17.2 0.0 33.8



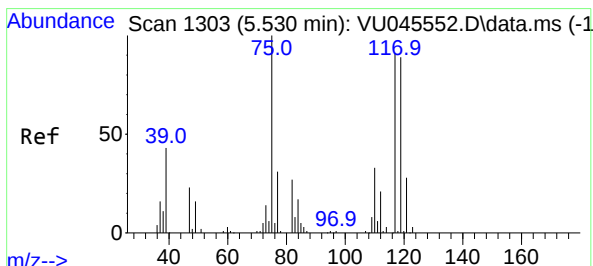
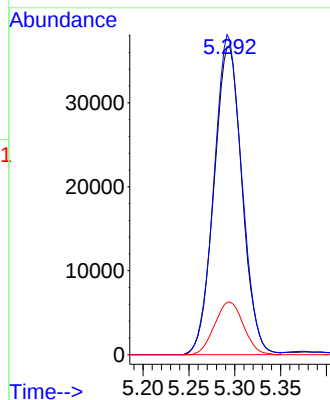
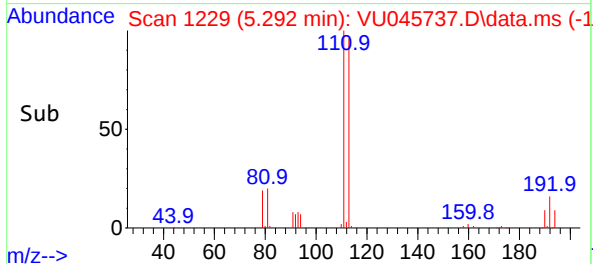


#35
Dibromofluoromethane
Concen: 51.667 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

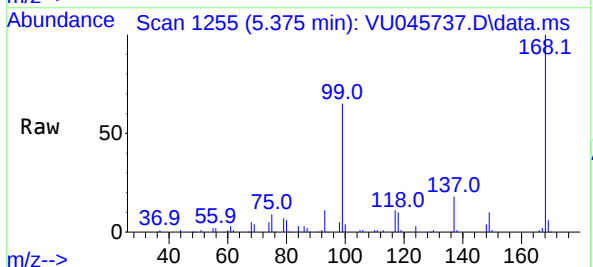
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MSVOA_U
ClientSampleId :



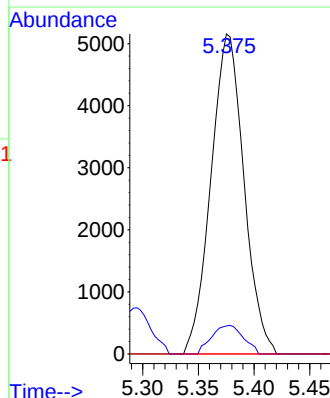
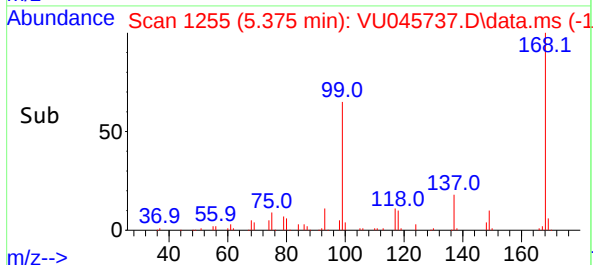
Tgt Ion:113 Resp: 78154
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 17.6 14.8 22.2

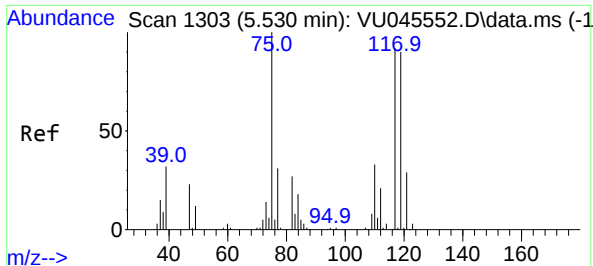


#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40



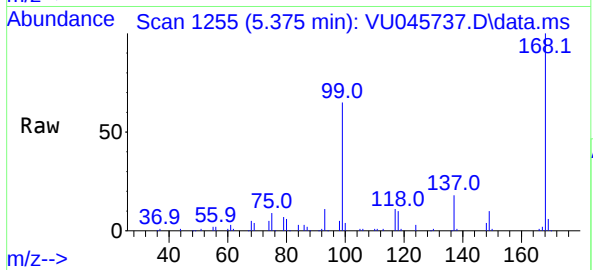
Tgt Ion: 75 Resp: 10617
Ion Ratio Lower Upper
75 100
110 8.6 16.7 50.0#
77 0.0 25.0 37.4#



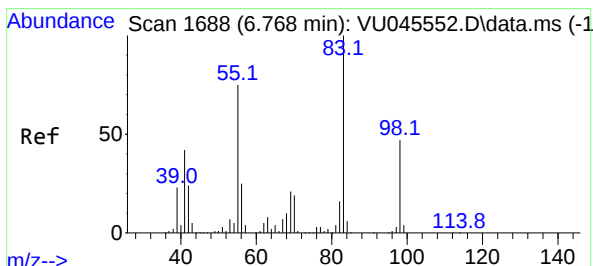
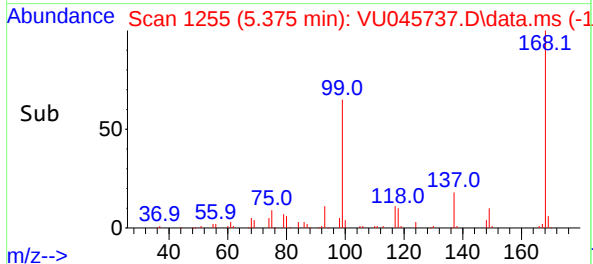
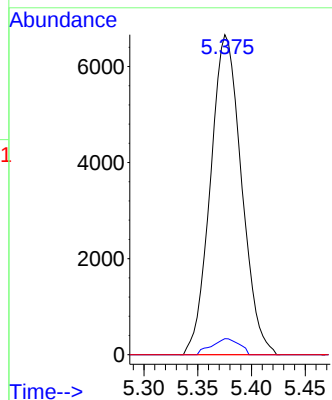


#38
Carbon Tetrachloride
Concen: 6.016 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

Instrument :
MSVOA_U
ClientSampleId :

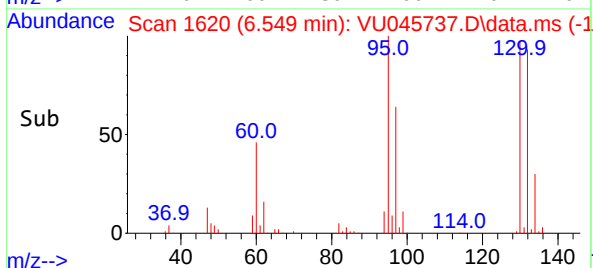
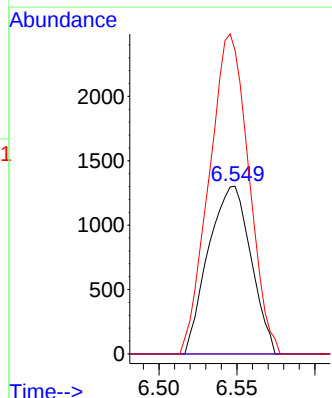
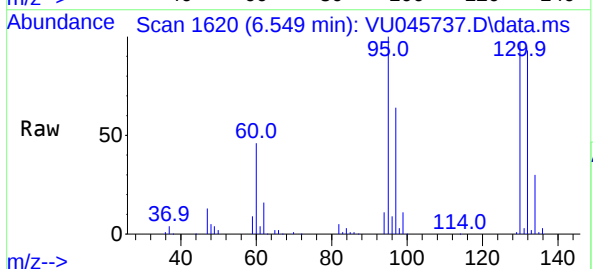


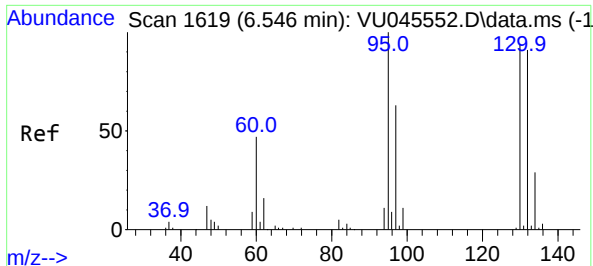
Tgt Ion:117 Resp: 13398
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.0#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.911 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.219 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

Tgt Ion: 83 Resp: 2469
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 181.1 37.1 55.7#

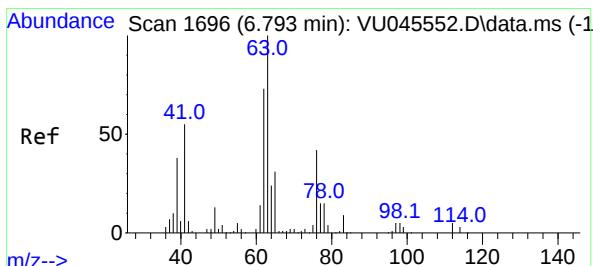
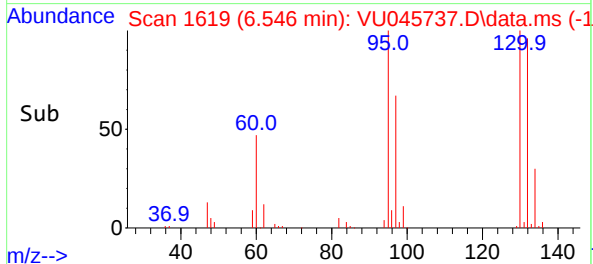
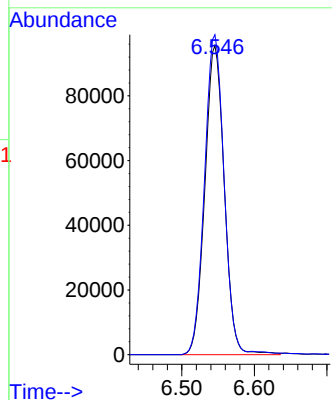
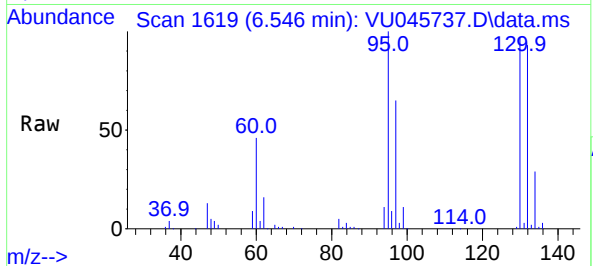




#44
Trichloroethene
Concen: 113.657 ug/l
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

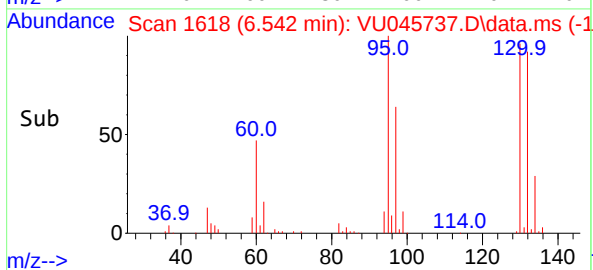
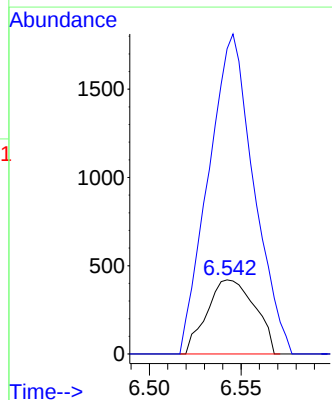
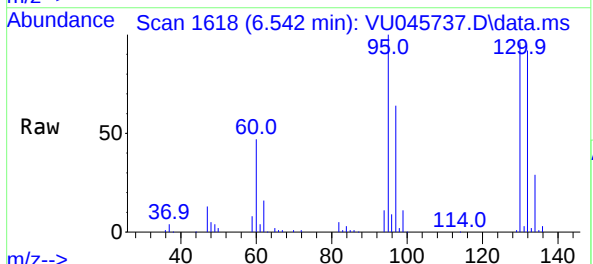
Instrument :
MSVOA_U
ClientSampleId :

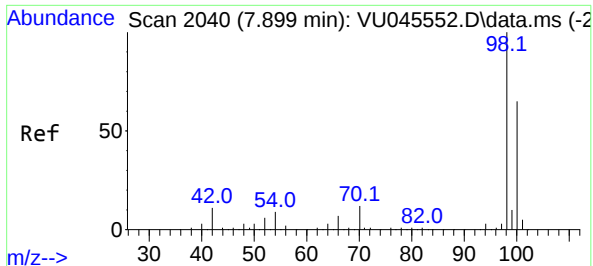
Tgt Ion:130 Resp: 177940
Ion Ratio Lower Upper
130 100
95 103.5 0.0 211.4



#45
1,2-Dichloropropane
Concen: 0.441 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.251 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

Tgt Ion: 63 Resp: 763
Ion Ratio Lower Upper
63 100
65 411.7 25.7 38.5#

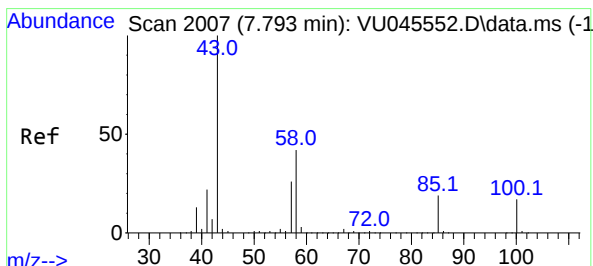
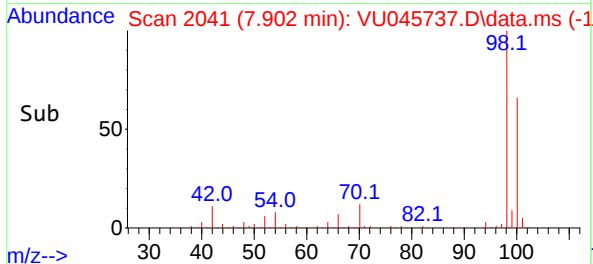
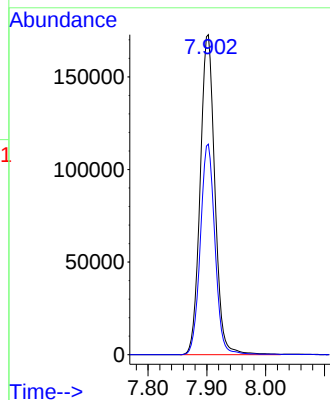
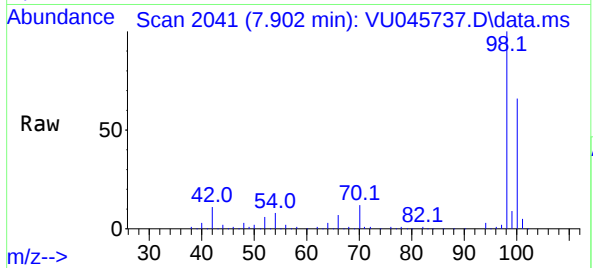




#50
Toluene-d8
Concen: 53.281 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

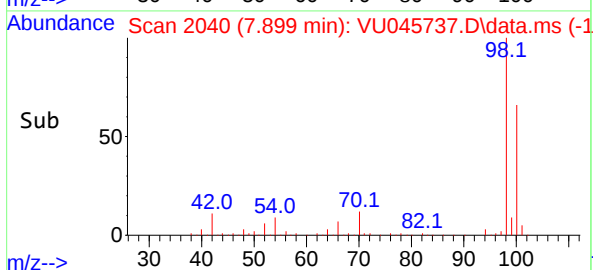
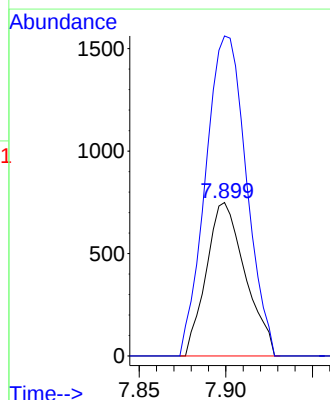
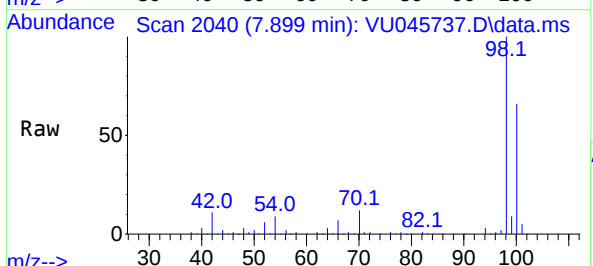
Instrument :
MSVOA_U
ClientSampleId :

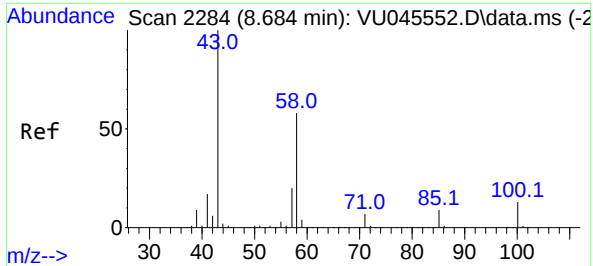
Tgt Ion: 98 Resp: 299689
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.457 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
58 218.4 33.8 50.8#

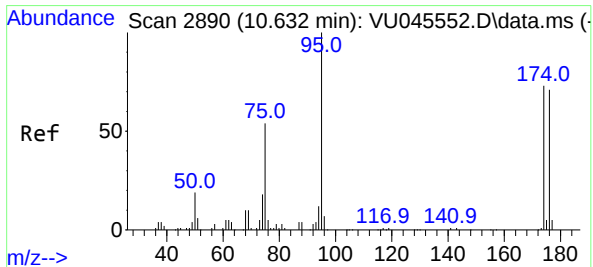
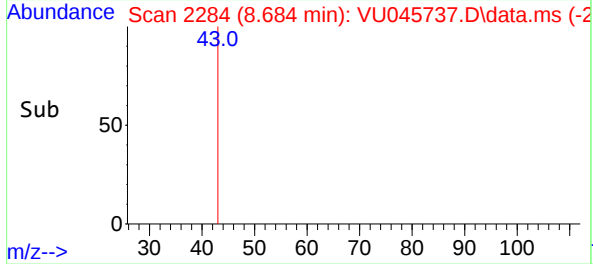
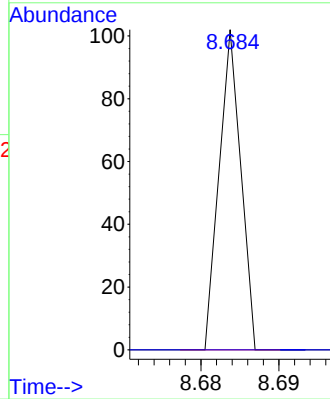
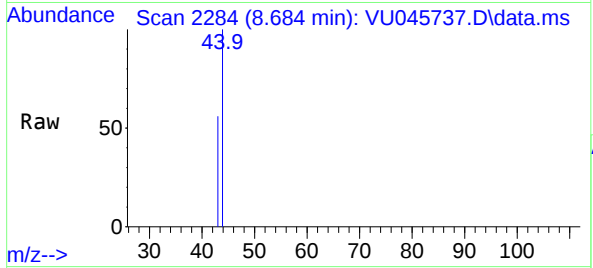




#59
2-Hexanone
Concen: 7.544 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

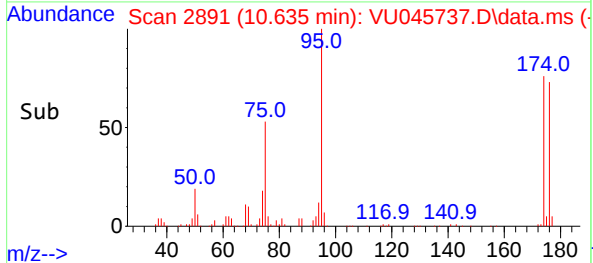
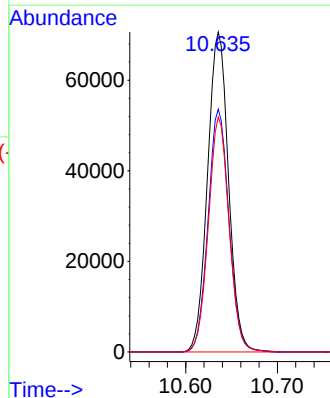
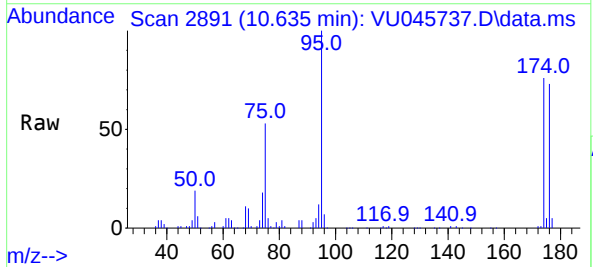
Instrument :
MSVOA_U
ClientSampleId :

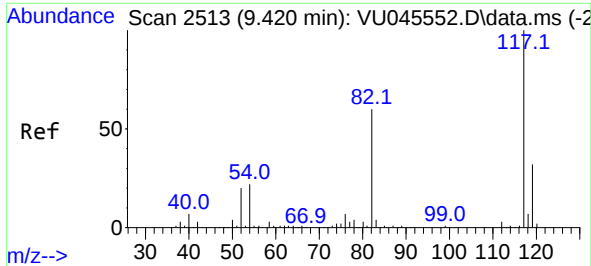
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 49.881 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

Tgt Ion: 95 Resp: 112505
Ion Ratio Lower Upper
95 100
174 75.6 0.0 141.8
176 72.1 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU045737.D

Acq: 11 Nov 2021 14:40

Instrument :

MSVOA_U

ClientSampleId :

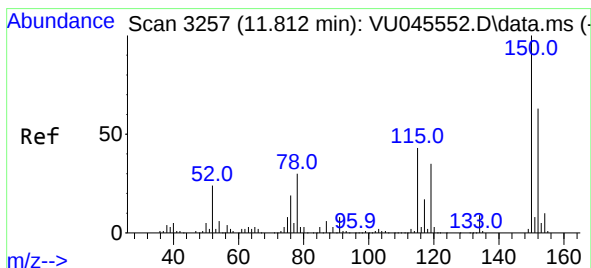
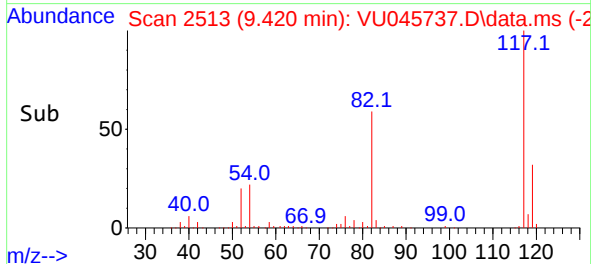
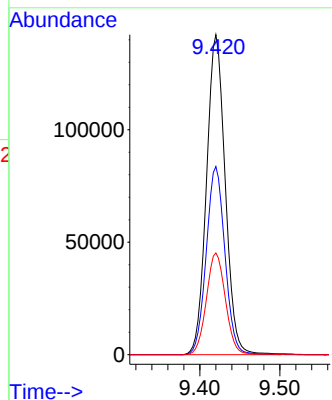
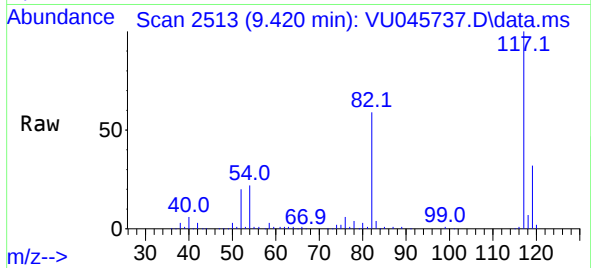
Tgt Ion:117 Resp: 231920

Ion Ratio Lower Upper

117 100

82 58.8 47.8 71.8

119 31.8 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.815 min Scan# 3258

Delta R.T. 0.003 min

Lab File: VU045737.D

Acq: 11 Nov 2021 14:40

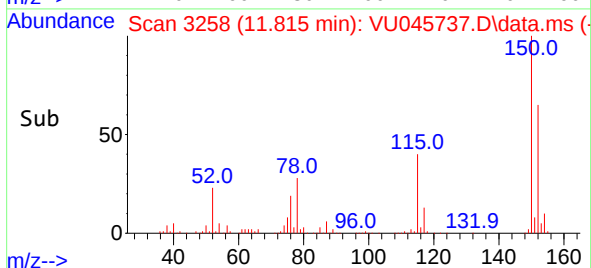
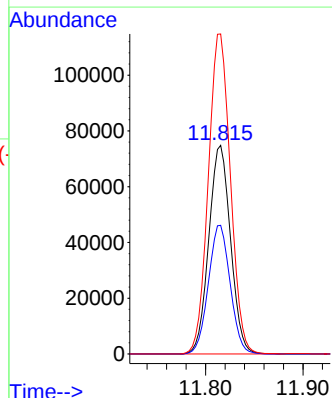
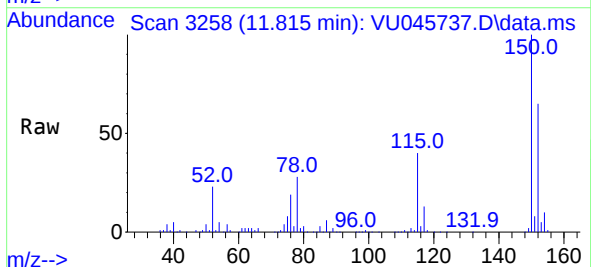
Tgt Ion:152 Resp: 115925

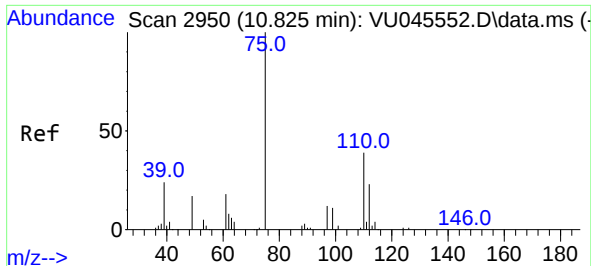
Ion Ratio Lower Upper

152 100

115 61.7 42.7 128.1

150 155.9 0.0 346.8

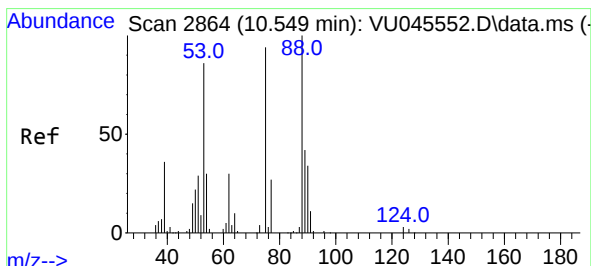
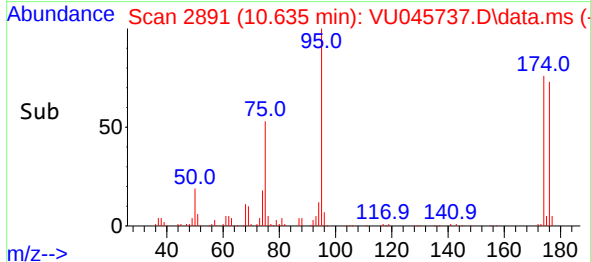
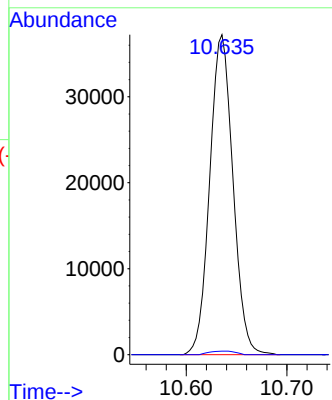
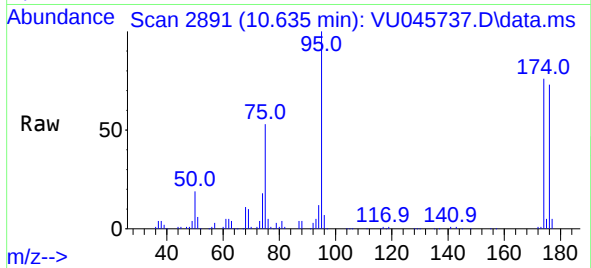




#76
1,2,3-Trichloropropane
Concen: 16.983 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

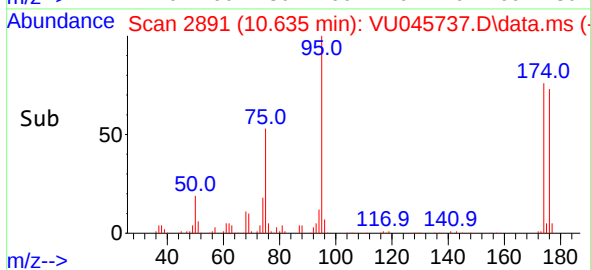
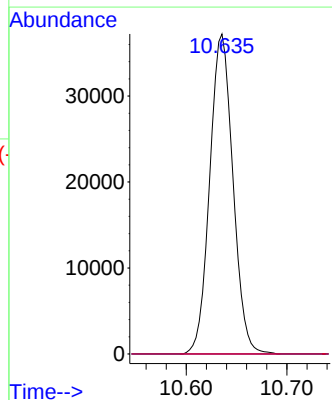
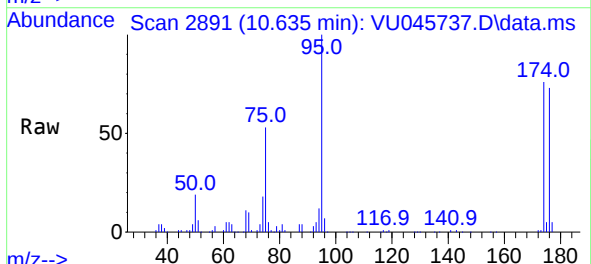
Instrument :
MSVOA_U
ClientSampleId :

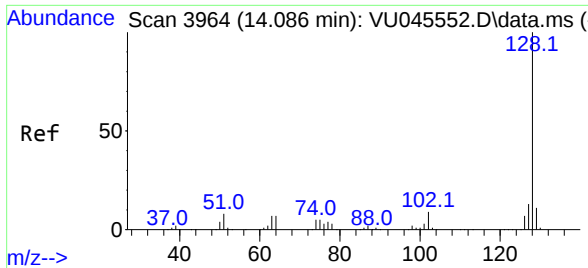
Tgt Ion: 75 Resp: 59703
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.297 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

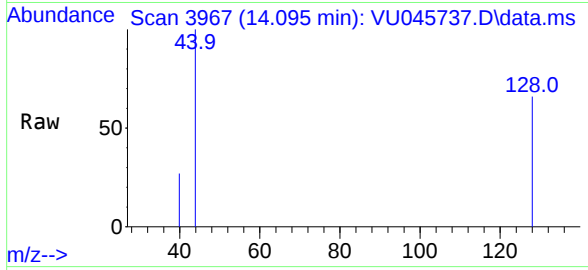
Tgt Ion: 75 Resp: 59703
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95
Naphthalene
Concen: 1.067 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU045737.D
Acq: 11 Nov 2021 14:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	370
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	13.0#

