

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045748.D
 Acq On : 11 Nov 2021 18:55
 Operator : SY/MD
 Sample : M4606-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 06:12:26 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)

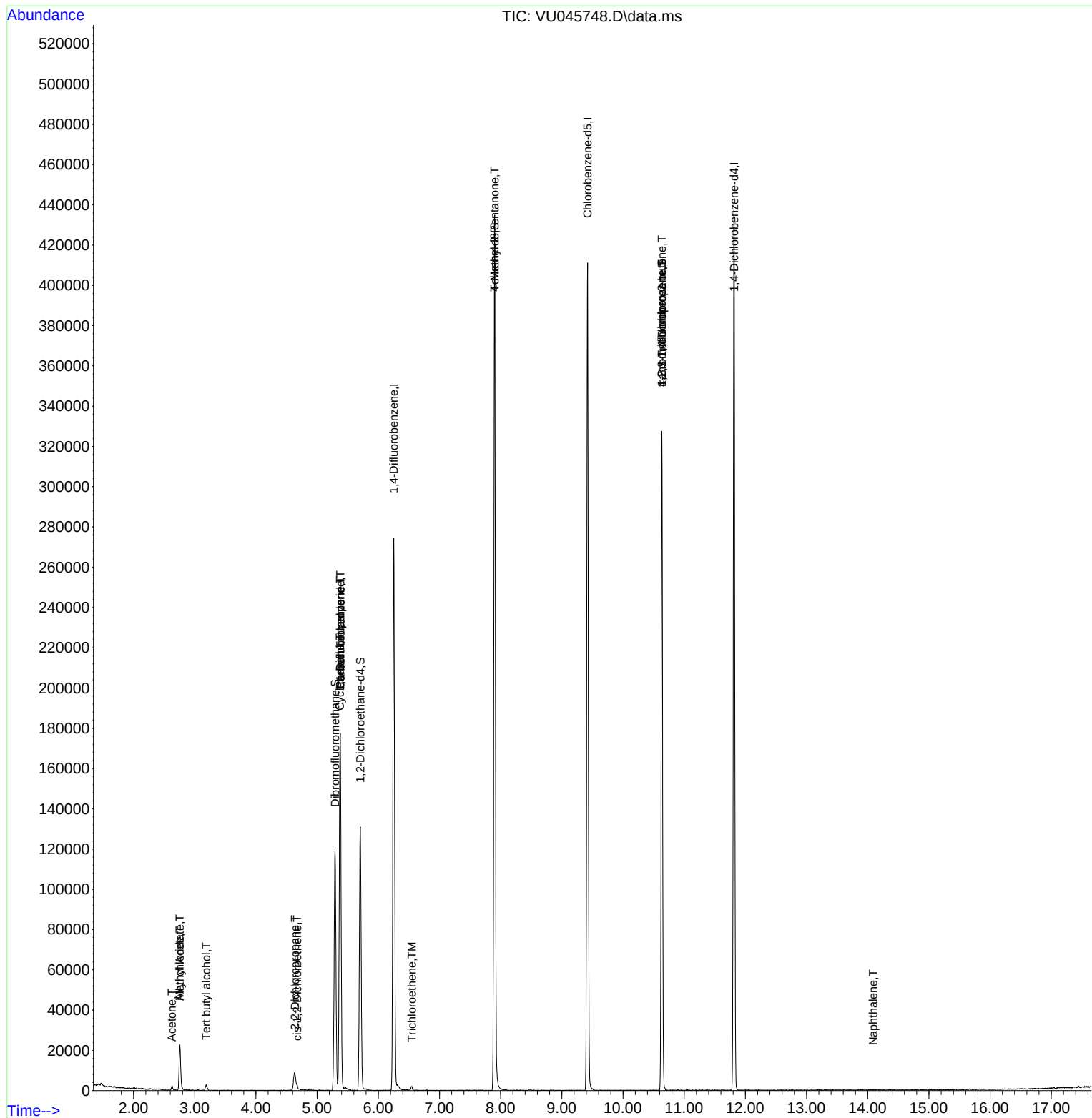
Internal Standards						
1) Pentafluorobenzene	5.378	168	117021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	217457	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	224828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	110507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	96223	54.905	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.820%			
35) Dibromofluoromethane	5.292	113	75447	51.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.940%			
50) Toluene-d8	7.902	98	286870	53.137	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.280%			
62) 4-Bromofluorobenzene	10.635	95	107113	49.478	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.960%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.186	59	1738	5.010	ug/l #	72
14) Allyl chloride	2.755	41	2291	0.997	ug/l #	66
16) Acetone	2.626	43	2360	2.645	ug/l	94
18) Methyl Acetate	2.755	43	6276	2.065	ug/l #	50
26) 2,2-Dichloropropane	4.639	77	536	0.240	ug/l #	53
27) cis-1,2-Dichloroethene	4.674	96	520	0.331	ug/l	82
31) Cyclohexane	5.372	56	2556	1.000	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10913	5.147	ug/l #	50
38) Carbon Tetrachloride	5.378	117	12948	6.057	ug/l #	16
44) Trichloroethene	6.549	130	780	0.519	ug/l	81
51) 4-Methyl-2-Pentanone	7.902	43	1172	0.477	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	56845	16.963	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	56845	55.235	ug/l #	12
95) Naphthalene	14.089	128	21	1.031	ug/l #	69

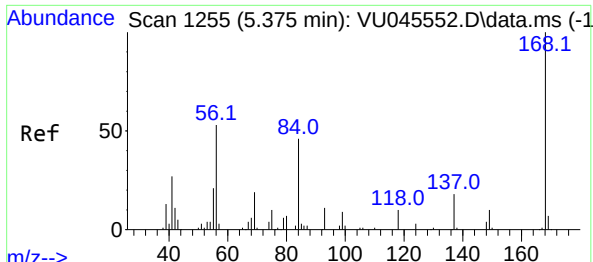
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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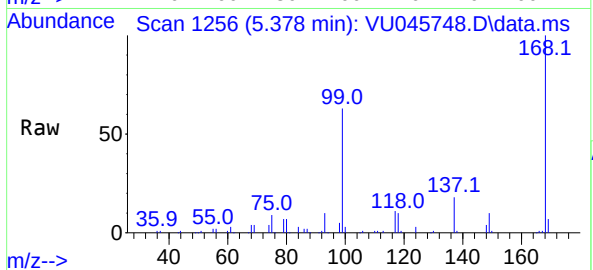
Quant Time: Nov 12 06:12:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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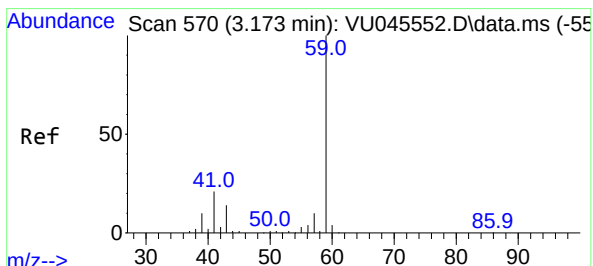
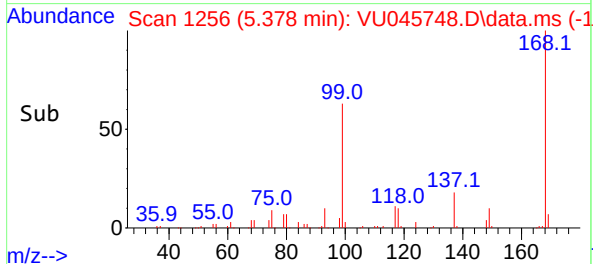
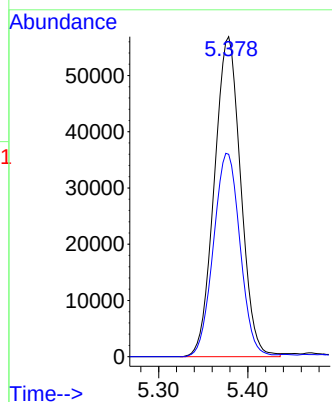


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

Instrument :
MSVOA_U
ClientSampleId :

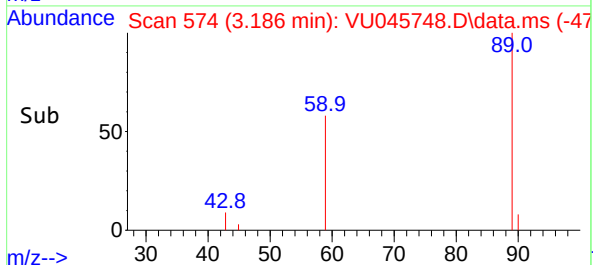
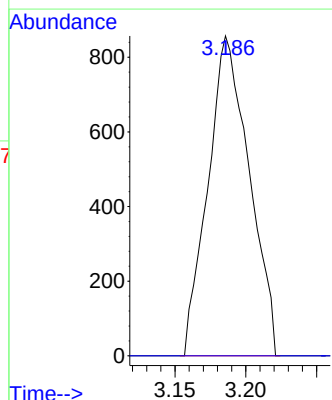
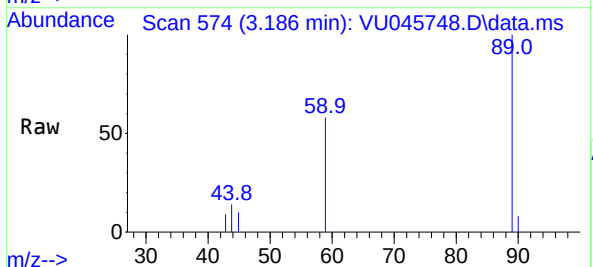


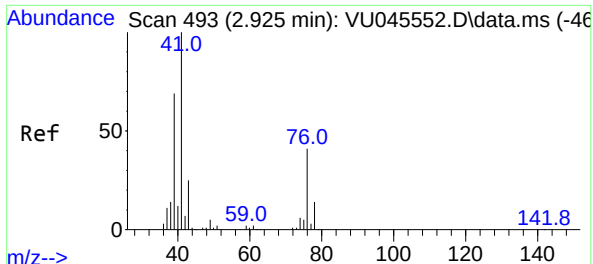
Tgt Ion:168 Resp: 117021
Ion Ratio Lower Upper
168 100
99 63.3 51.0 76.6



#11
Tert butyl alcohol
Concen: 5.010 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

Tgt Ion: 59 Resp: 1738
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.997 ug/l

RT: 2.755 min Scan# 44

Delta R.T. -0.170 min

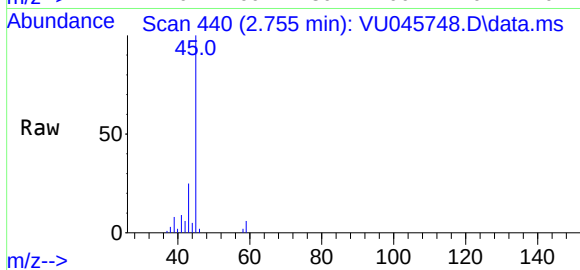
Lab File: VU045748.D

Acq: 11 Nov 2021 18:55

Instrument :

MSVOA_U

ClientSampleId :



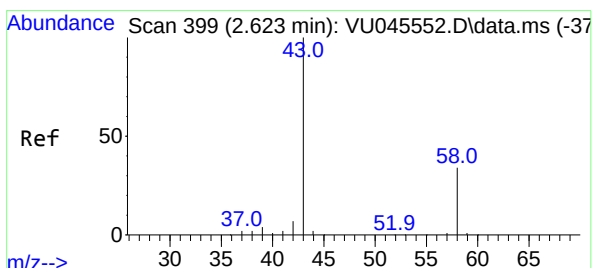
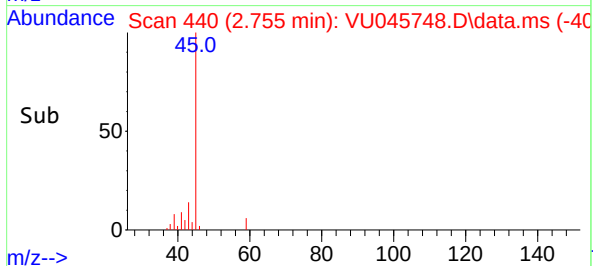
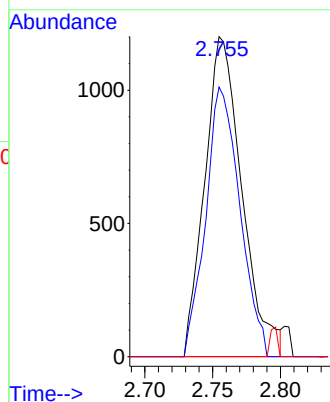
Tgt Ion: 41 Resp: 2291

Ion Ratio Lower Upper

41 100

39 77.4 49.7 74.5#

76 0.0 27.7 41.5#



#16

Acetone

Concen: 2.645 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045748.D

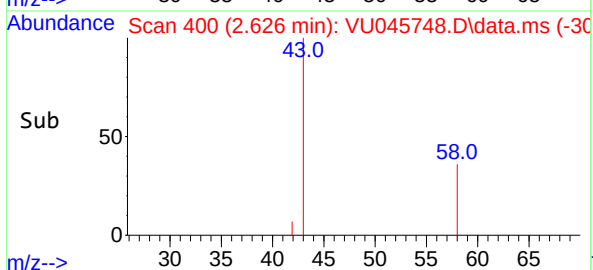
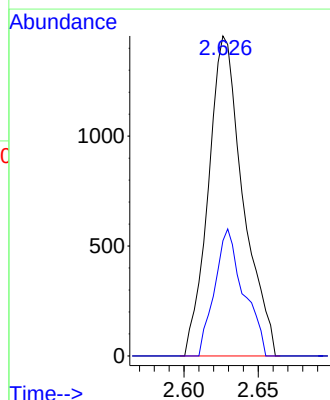
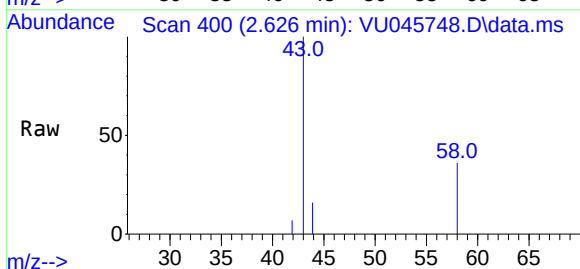
Acq: 11 Nov 2021 18:55

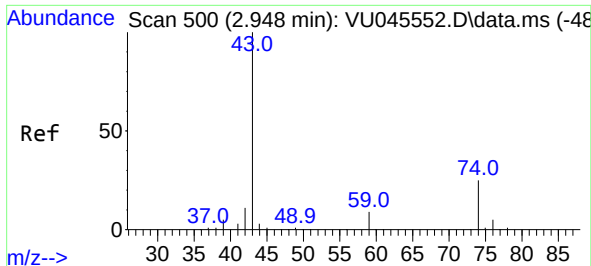
Tgt Ion: 43 Resp: 2360

Ion Ratio Lower Upper

43 100

58 36.0 26.2 39.2

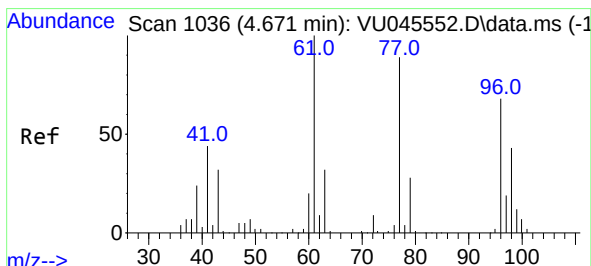
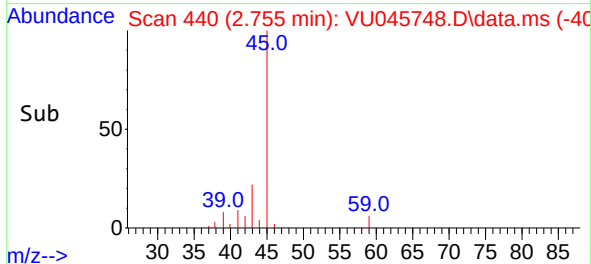
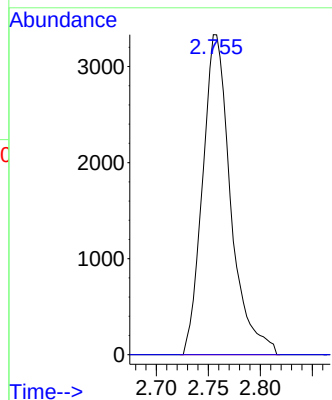
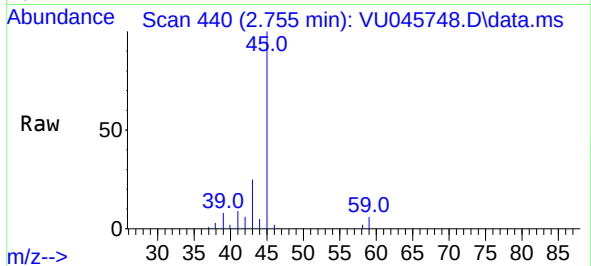




#18
Methyl Acetate
Concen: 2.065 ug/l
RT: 2.755 min Scan# 44
Delta R.T. -0.193 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

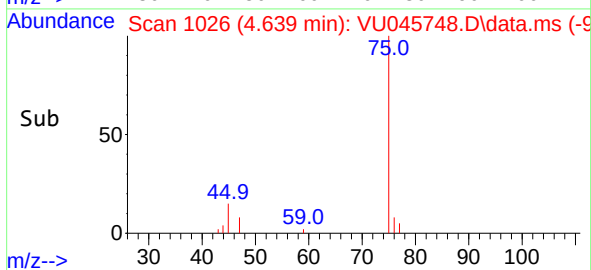
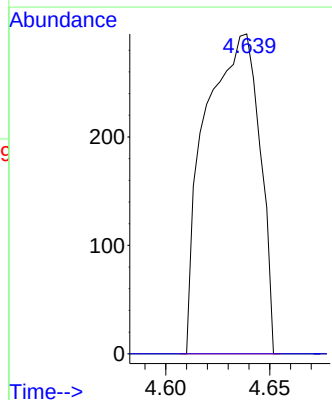
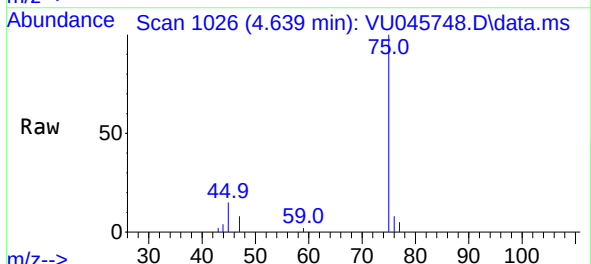
Instrument :
MSVOA_U
ClientSampleId :

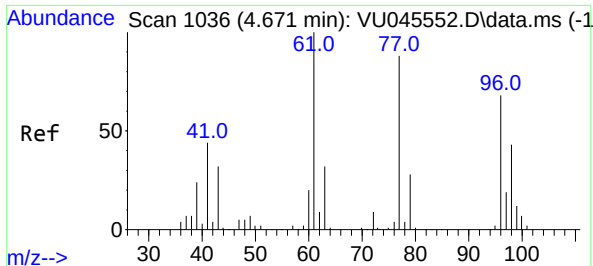
Tgt Ion: 43 Resp: 6276
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#26
2,2-Dichloropropane
Concen: 0.240 ug/l
RT: 4.639 min Scan# 1026
Delta R.T. -0.032 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

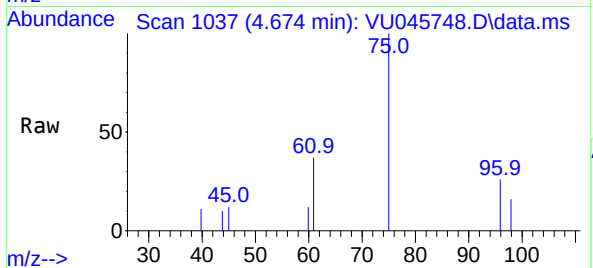
Tgt Ion: 77 Resp: 536
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#





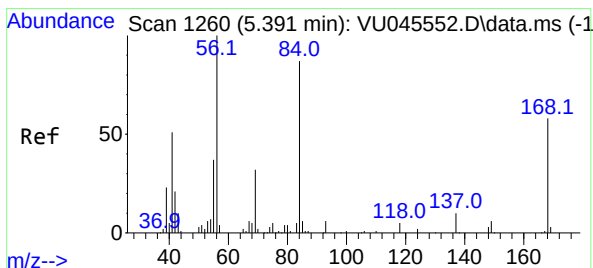
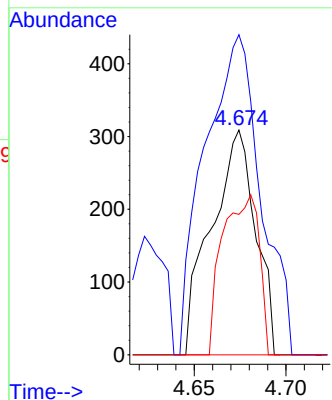
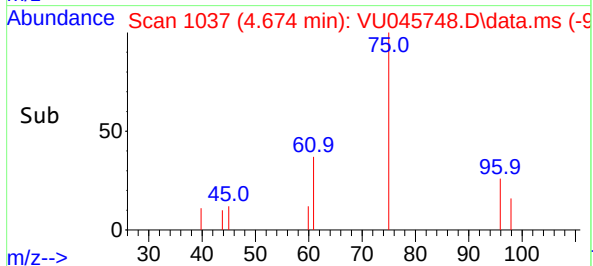
#27
 cis-1,2-Dichloroethene
 Concen: 0.331 ug/l
 RT: 4.674 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU045748.D
 Acq: 11 Nov 2021 18:55

Instrument :
 MSVOA_U
 ClientSampleId :

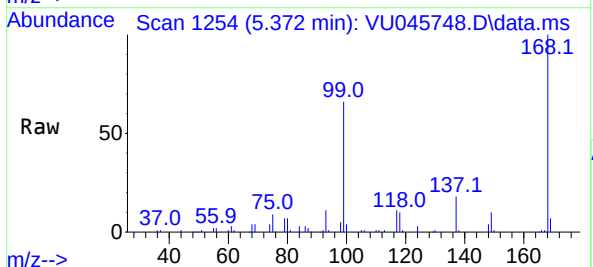


Tgt Ion: 96 Resp: 520

Ion	Ratio	Lower	Upper
96	100		
61	179.0	0.0	299.2
98	58.7	0.0	127.6

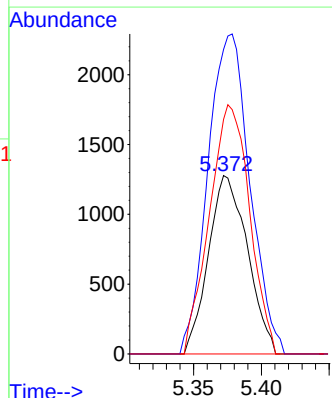
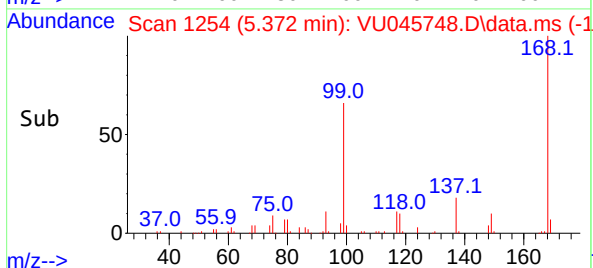


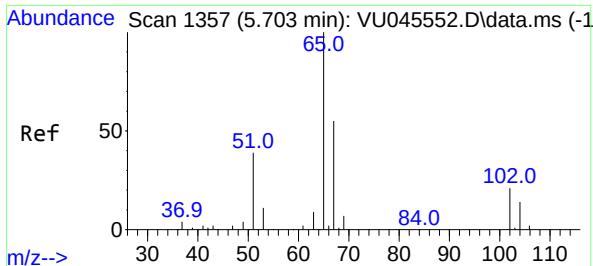
#31
 Cyclohexane
 Concen: 1.000 ug/l
 RT: 5.372 min Scan# 1254
 Delta R.T. -0.019 min
 Lab File: VU045748.D
 Acq: 11 Nov 2021 18:55



Tgt Ion: 56 Resp: 2556

Ion	Ratio	Lower	Upper
56	100		
69	170.7	26.4	39.6#
84	131.5	68.4	102.6#





#33

1,2-Dichloroethane-d4

Concen: 54.905 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045748.D

Acq: 11 Nov 2021 18:55

Instrument :

MSVOA_U

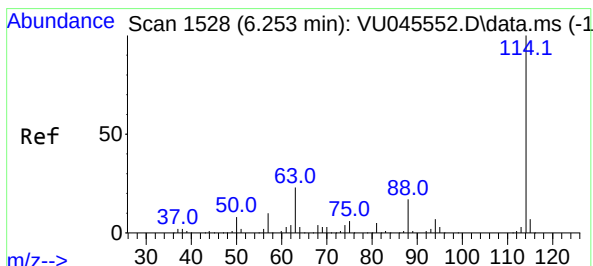
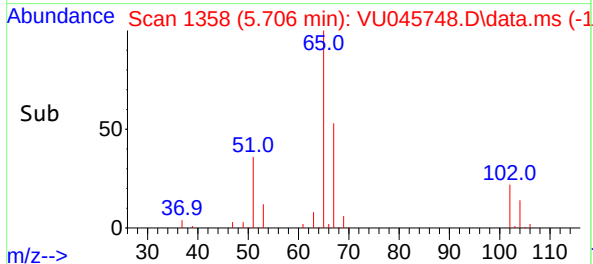
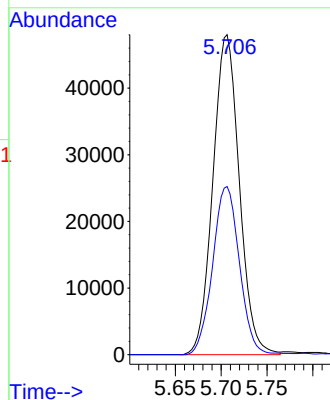
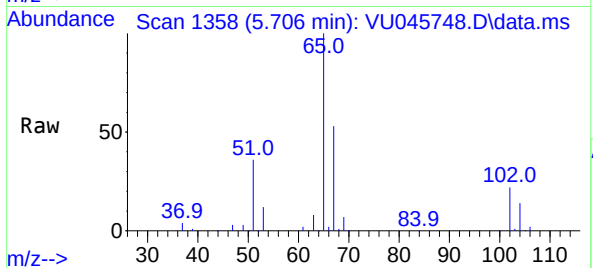
ClientSampleId :

Tgt Ion: 65 Resp: 96223

Ion Ratio Lower Upper

65 100

67 53.4 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: VU045748.D

Acq: 11 Nov 2021 18:55

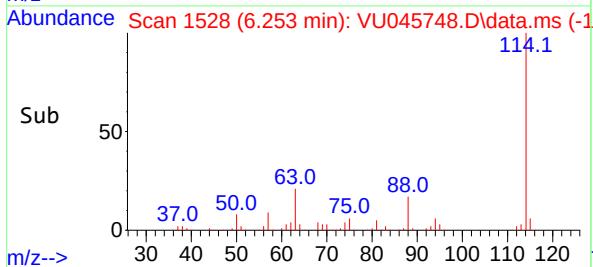
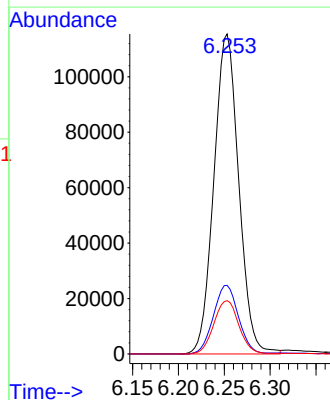
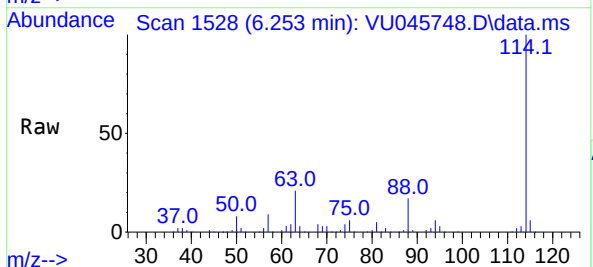
Tgt Ion: 114 Resp: 217457

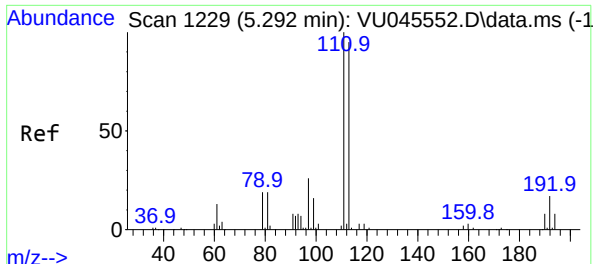
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.6

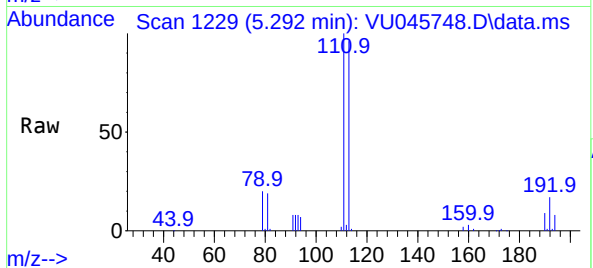
88 16.6 0.0 33.8



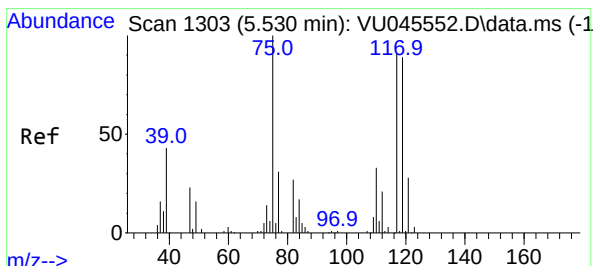
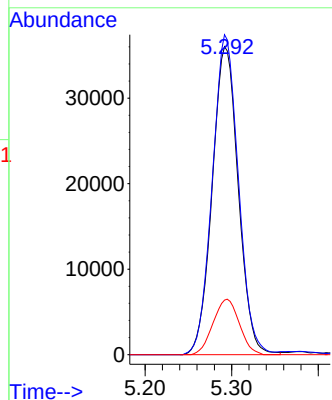
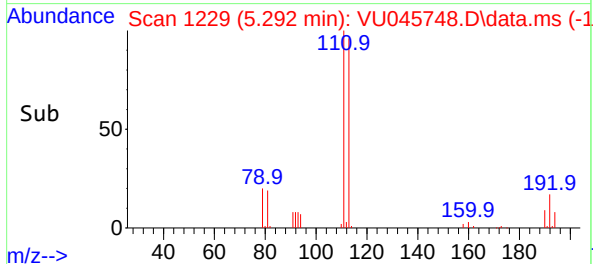


#35
Dibromofluoromethane
Concen: 51.966 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

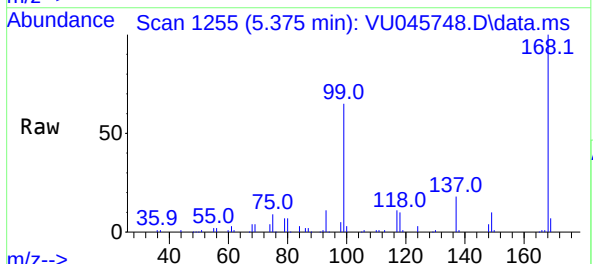
Instrument :
MSVOA_U
ClientSampleId :



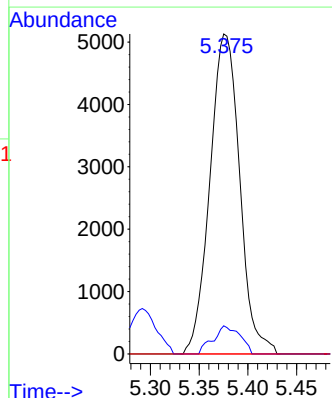
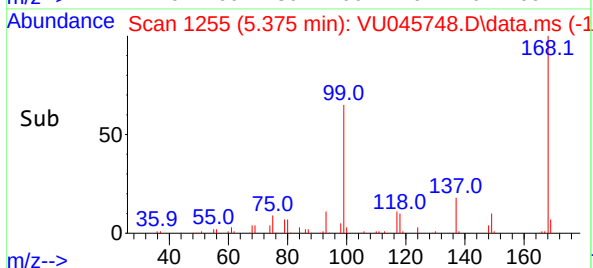
Tgt Ion:113 Resp: 75447
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 18.1 14.8 22.2

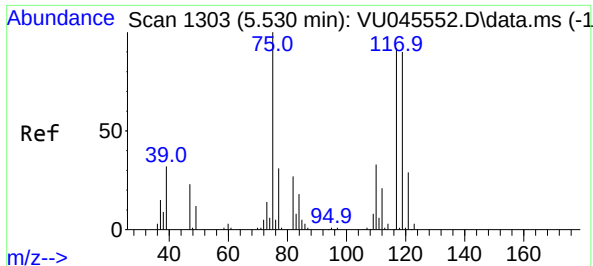


#36
1,1-Dichloropropene
Concen: 5.147 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55



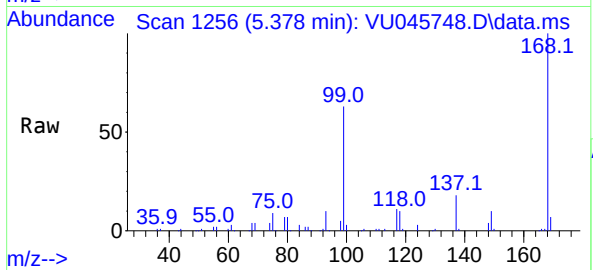
Tgt Ion: 75 Resp: 10913
Ion Ratio Lower Upper
75 100
110 7.9 16.7 50.0#
77 0.0 25.0 37.4#



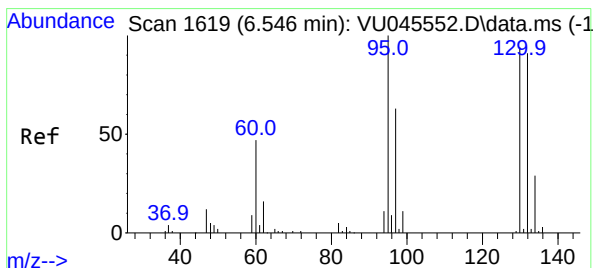
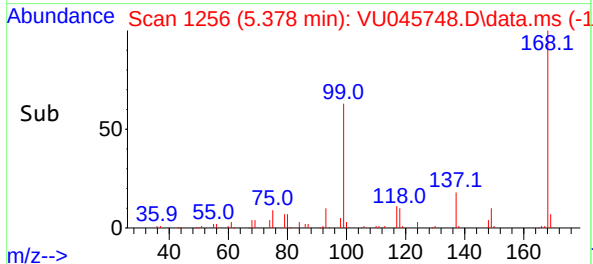
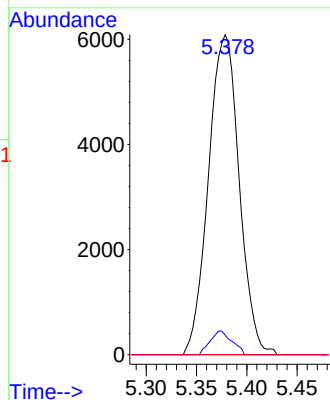


#38
Carbon Tetrachloride
Concen: 6.057 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.151 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

Instrument :
MSVOA_U
ClientSampleId :

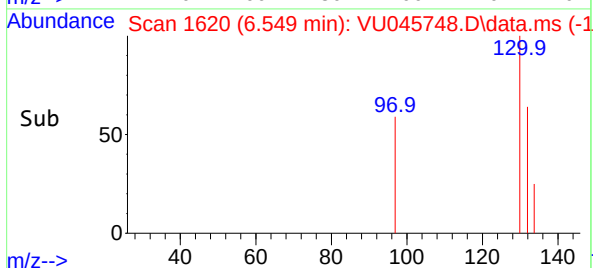
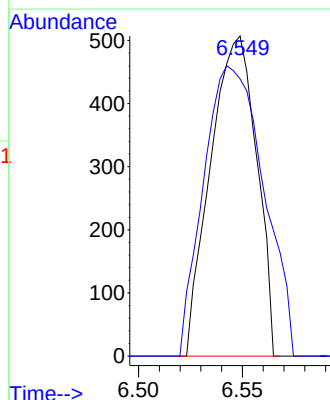
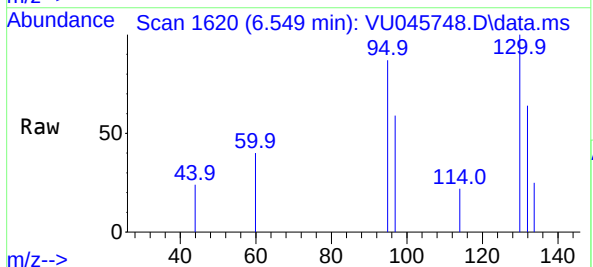


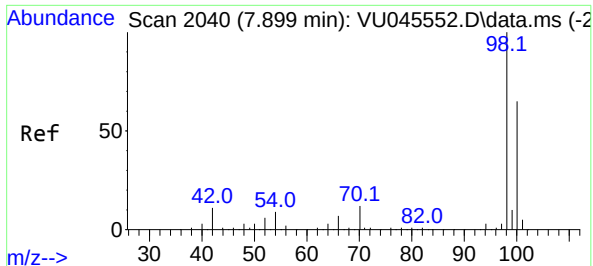
Tgt Ion:117 Resp: 12948
Ion Ratio Lower Upper
117 100
119 6.1 77.4 116.0#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.519 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

Tgt Ion:130 Resp: 780
Ion Ratio Lower Upper
130 100
95 86.6 0.0 211.4

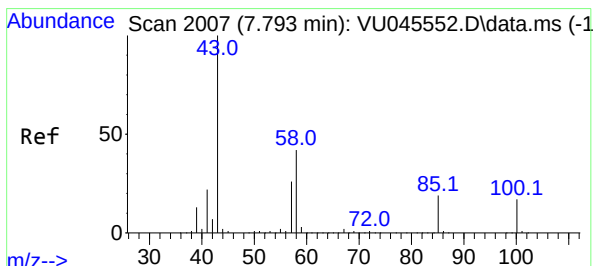
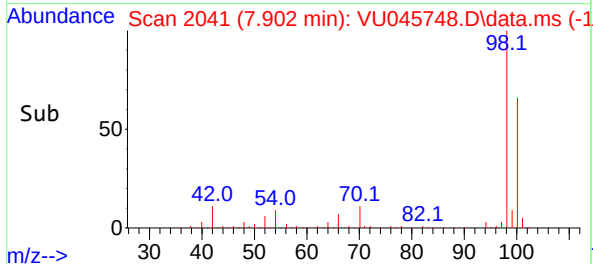
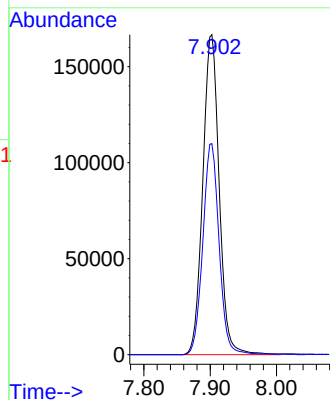
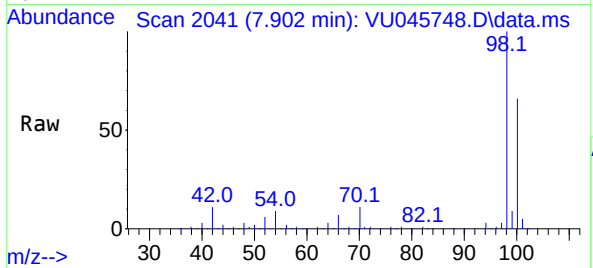




#50
Toluene-d8
Concen: 53.137 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

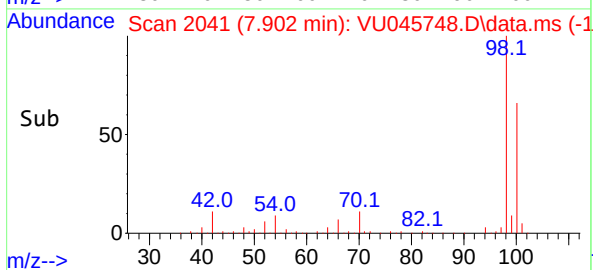
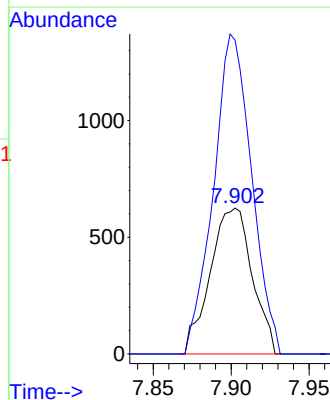
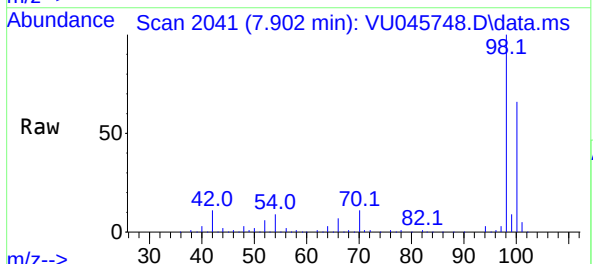
Instrument :
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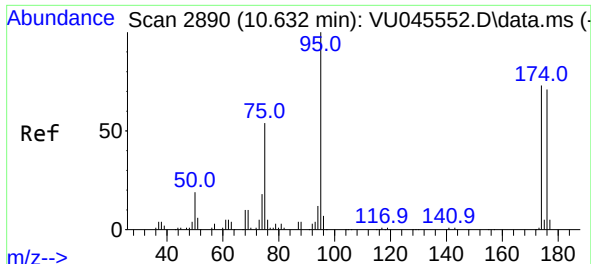
Tgt Ion: 98 Resp: 286870
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.477 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.109 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
58 198.9 33.8 50.8#

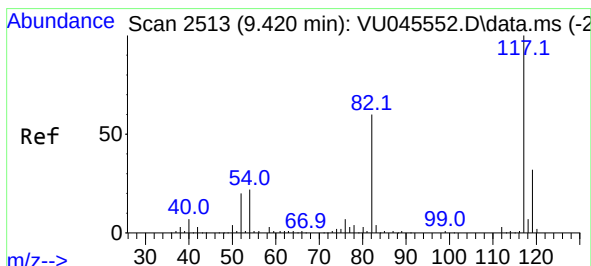
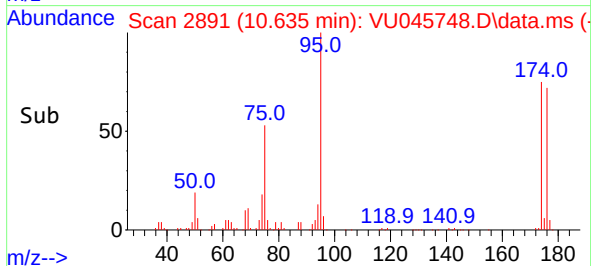
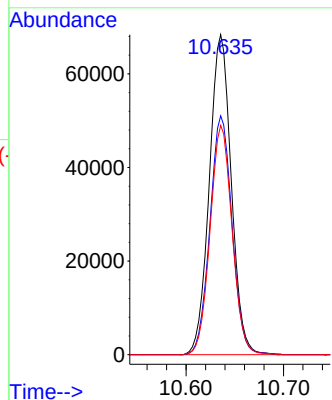
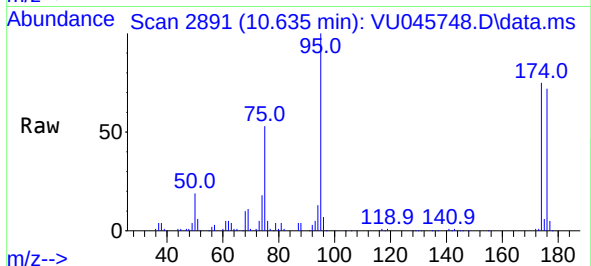




#62
4-Bromofluorobenzene
Concen: 49.478 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

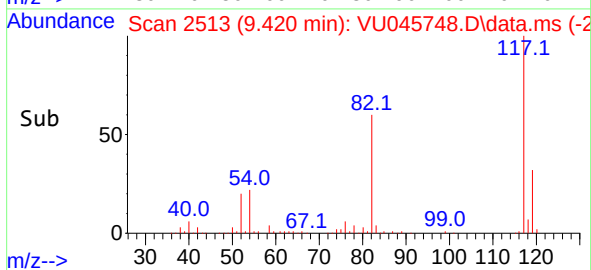
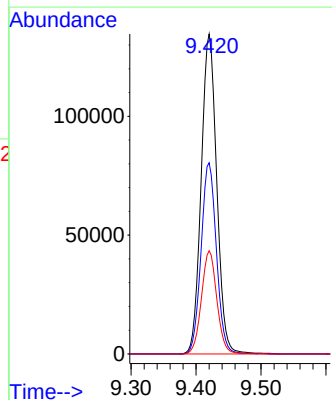
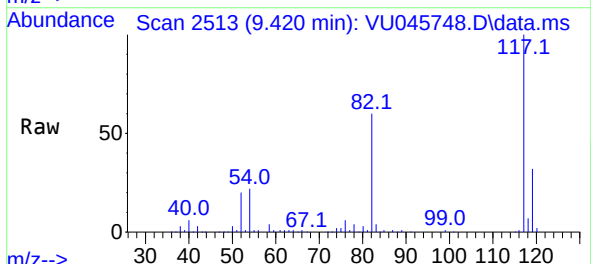
Instrument :
MSVOA_U
ClientSampleId :

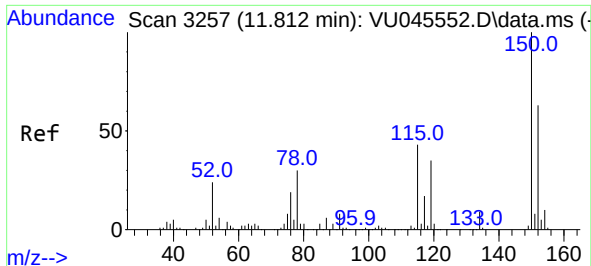
Tgt Ion: 95 Resp: 107113
Ion Ratio Lower Upper
95 100
174 75.4 0.0 141.8
176 71.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

Tgt Ion: 117 Resp: 224828
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 32.3 25.8 38.8

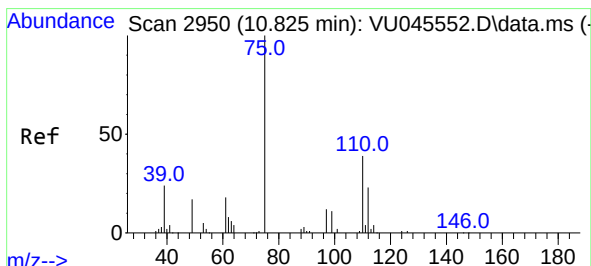
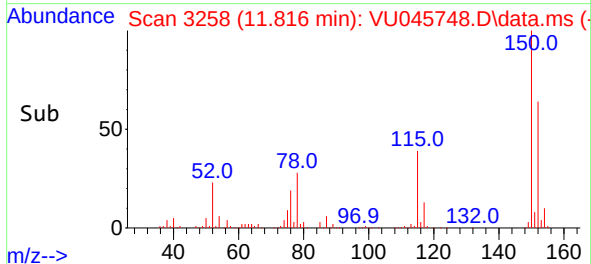
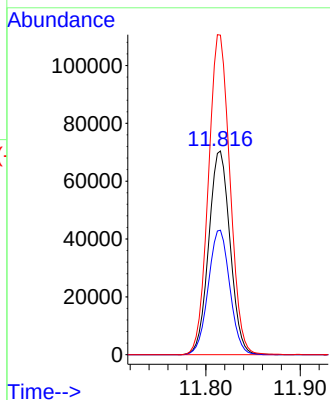
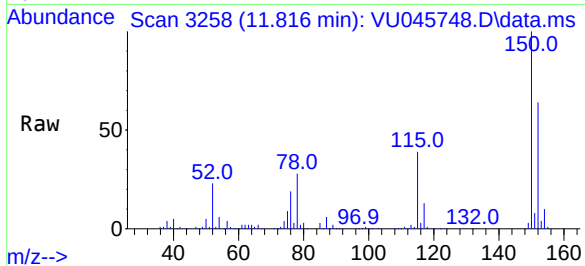




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

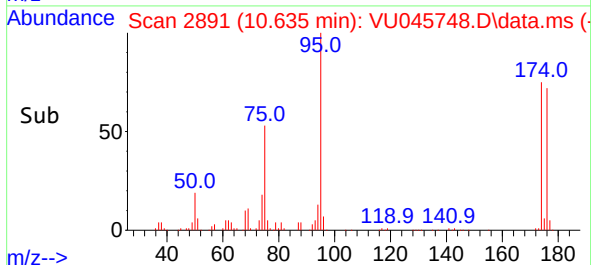
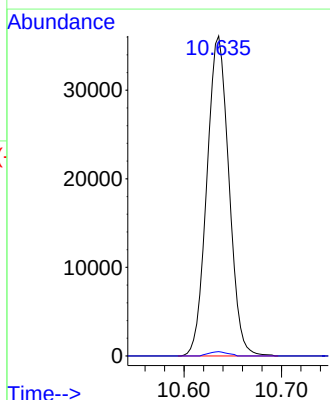
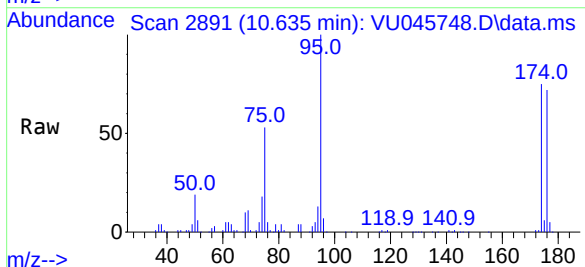
Instrument :
MSVOA_U
ClientSampleId :

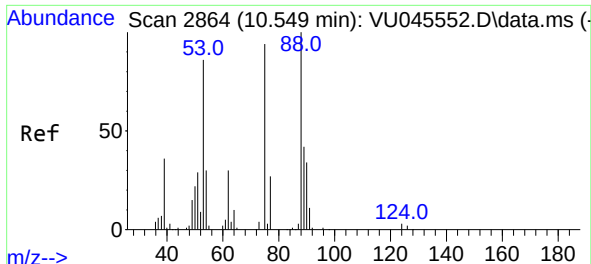
Tgt Ion:152 Resp: 110507
Ion Ratio Lower Upper
152 100
115 61.6 42.7 128.1
150 158.4 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 16.963 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

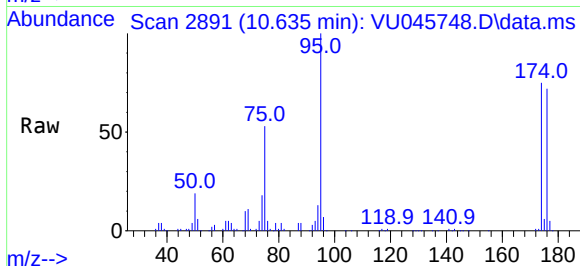
Tgt Ion: 75 Resp: 56845
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



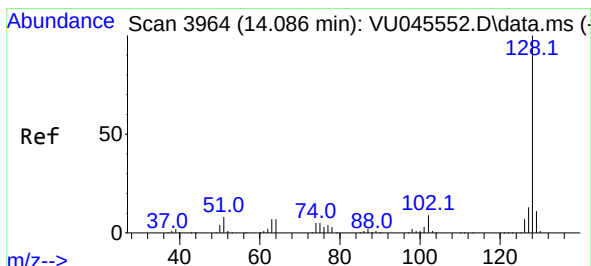
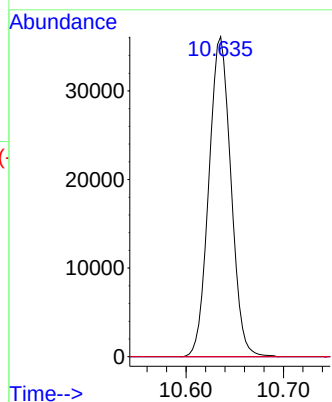
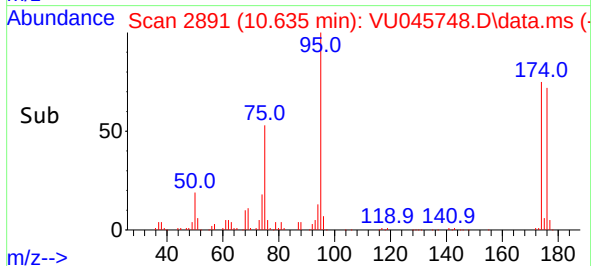


#81
trans-1,4-Dichloro-2-butene
Concen: 55.235 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.086 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55

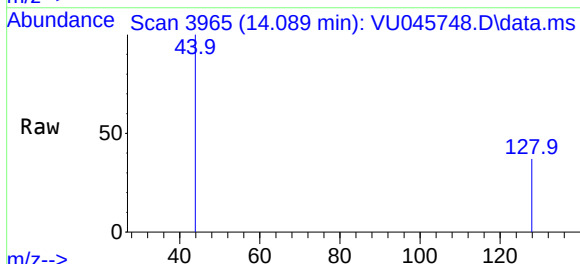
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 56845
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.031 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045748.D
Acq: 11 Nov 2021 18:55



Tgt Ion: 128 Resp: 21
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

