

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045725.D
 Acq On : 11 Nov 2021 06:22
 Operator : SY/MD
 Sample : M4600-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

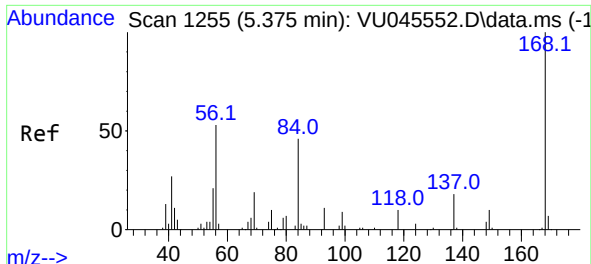
Instrument :
 MSVOA_U
 ClientSampleId :
 FM786-N34145

Quant Time: Nov 11 13:11:33 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)

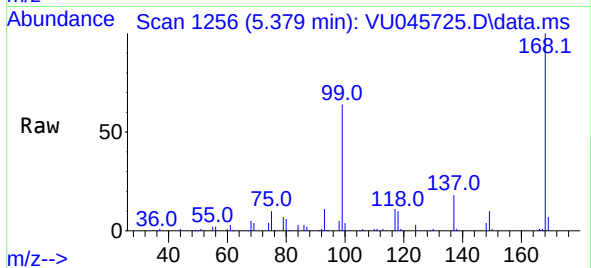
Internal Standards						
1) Pentafluorobenzene	5.379	168	118675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	222220	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	231929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	115631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	97831	55.045	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.080%			
35) Dibromofluoromethane	5.295	113	76196	51.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.720%			
50) Toluene-d8	7.899	98	294628	53.404	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.800%			
62) 4-Bromofluorobenzene	10.636	95	112663	50.927	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.860%			
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	372	0.211	ug/l	91
11) Tert butyl alcohol	3.163	59	191	0.543	ug/l #	72
16) Acetone	2.629	43	4391	4.853	ug/l	99
20) Methylene Chloride	3.051	84	665	0.423	ug/l #	86
25) 2-Butanone	4.713	43	984	0.784	ug/l #	47
29) Tetrahydrofuran	5.057	42	984	1.282	ug/l #	74
30) Chloroform	5.092	83	4332	1.606	ug/l	97
31) Cyclohexane	5.375	56	2804	1.081	ug/l #	3
36) 1,1-Dichloropropene	5.375	75	10729	4.952	ug/l #	50
37) Ethyl Acetate	4.713	43	984	0.395	ug/l #	67
38) Carbon Tetrachloride	5.375	117	12658	5.794	ug/l #	15
41) Methacrylonitrile	5.057	41	493	0.375	ug/l #	32
43) Isopropyl Acetate	6.153	43	2908	0.764	ug/l #	59
44) Trichloroethene	6.546	130	312	0.203	ug/l	94
51) 4-Methyl-2-Pentanone	7.793	43	561	0.223	ug/l #	68
59) 2-Hexanone	8.684	43	140	7.597	ug/l #	21
76) 1,2,3-Trichloropropane	10.636	75	59407	16.942	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	59407	55.170	ug/l #	12
95) Naphthalene	14.095	128	100	1.039	ug/l #	69

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

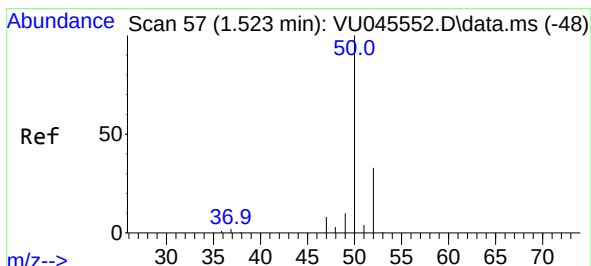
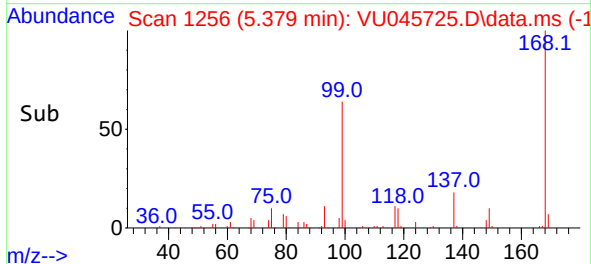
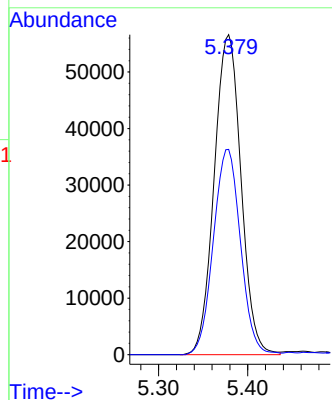


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

Instrument :
MSVOA_U
ClientSampleId :
FM786-N34145

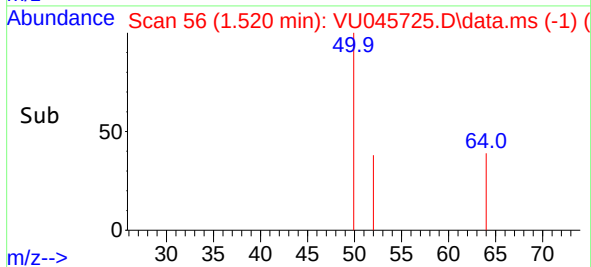
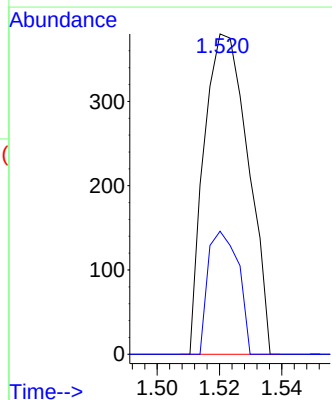
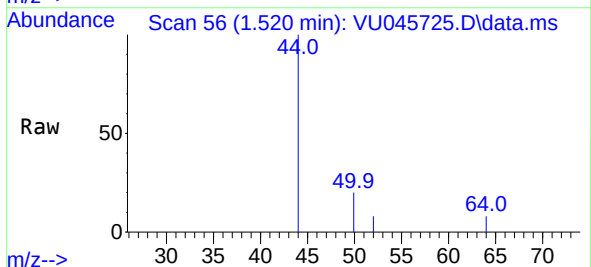


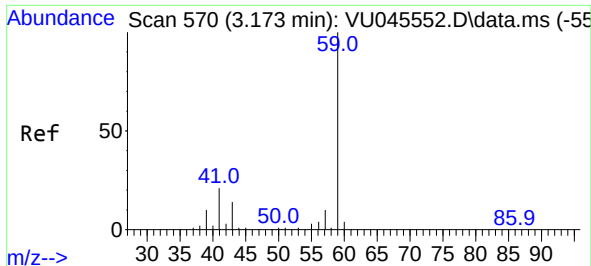
Tgt Ion:168 Resp: 118675
Ion Ratio Lower Upper
168 100
99 64.2 51.0 76.6



#3
Chloromethane
Concen: 0.211 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

Tgt Ion: 50 Resp: 372
Ion Ratio Lower Upper
50 100
52 38.4 26.6 40.0





#11

Tert butyl alcohol

Concen: 0.543 ug/l

RT: 3.163 min Scan# 50

Delta R.T. -0.010 min

Lab File: VU045725.D

Acq: 11 Nov 2021 06:22

Instrument :

MSVOA_U

ClientSampleId :

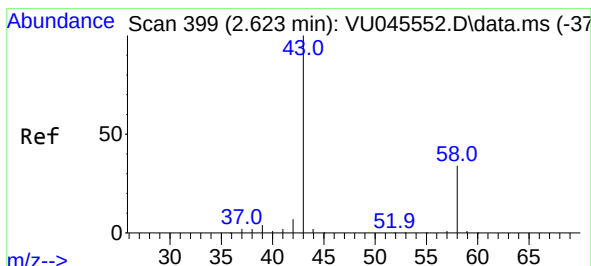
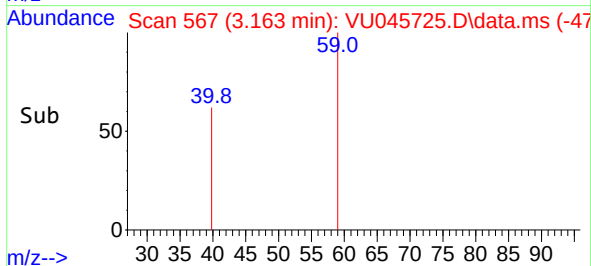
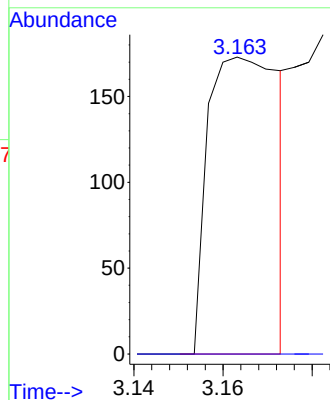
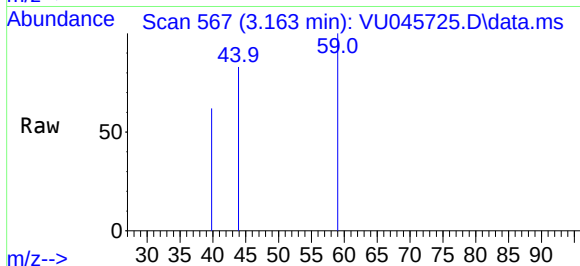
FM786-N34145

Tgt Ion: 59 Resp: 191

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 4.853 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU045725.D

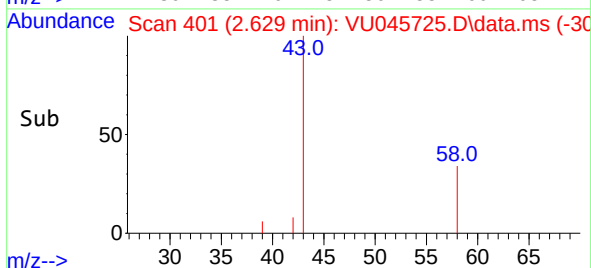
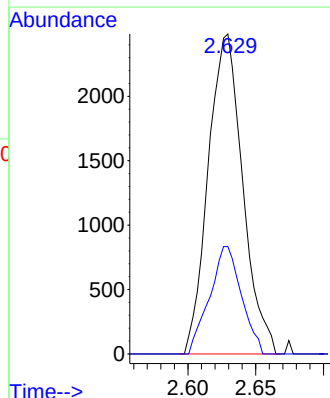
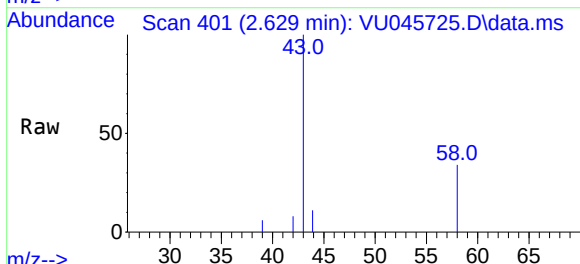
Acq: 11 Nov 2021 06:22

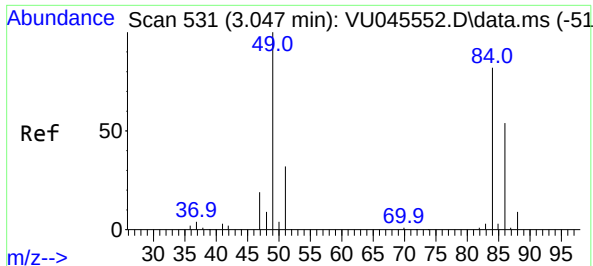
Tgt Ion: 43 Resp: 4391

Ion Ratio Lower Upper

43 100

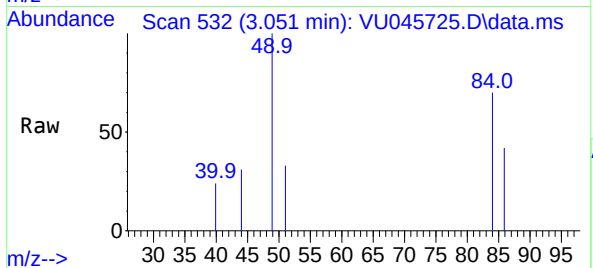
58 33.5 26.2 39.2





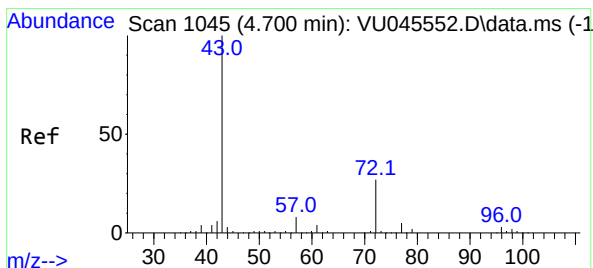
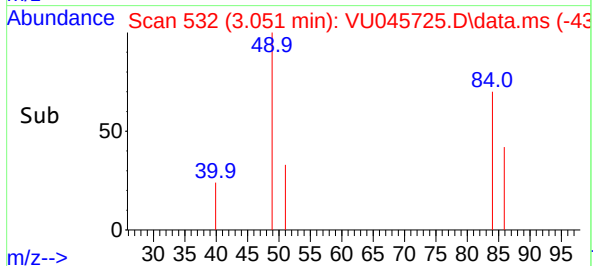
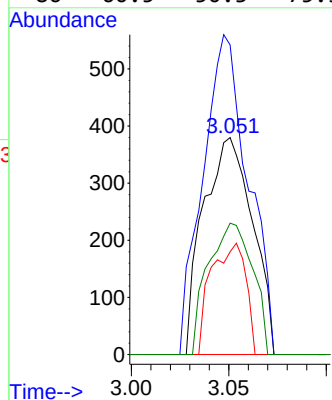
#20
Methylene Chloride
Concen: 0.423 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

Instrument :
MSVOA_U
ClientSampleId :
FM786-N34145



Tgt Ion: 84 Resp: 665

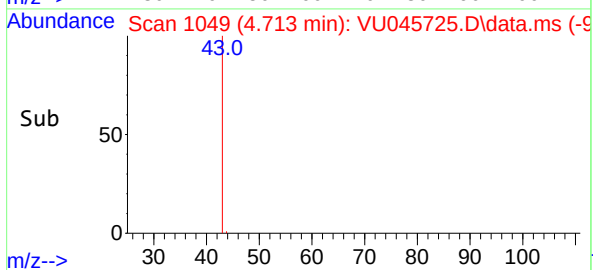
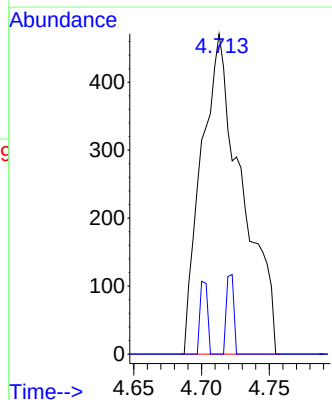
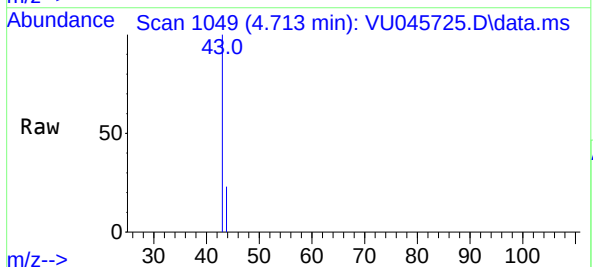
Ion	Ratio	Lower	Upper
84	100		
49	142.6	96.4	144.6
51	47.4	30.5	45.7#
86	60.5	50.3	75.5

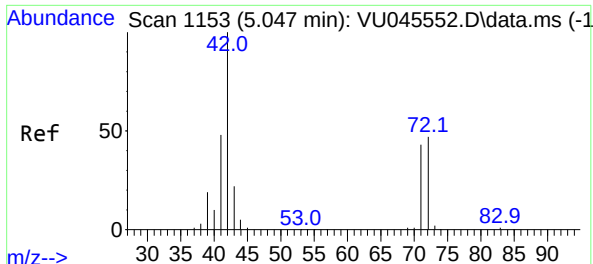


#25
2-Butanone
Concen: 0.784 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

Tgt Ion: 43 Resp: 984

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#





#29

Tetrahydrofuran

Concen: 1.282 ug/l

RT: 5.057 min Scan# 1153

Delta R.T. 0.010 min

Lab File: VU045725.D

Acq: 11 Nov 2021 06:22

Instrument :

MSVOA_U

ClientSampleId :

FM786-N34145

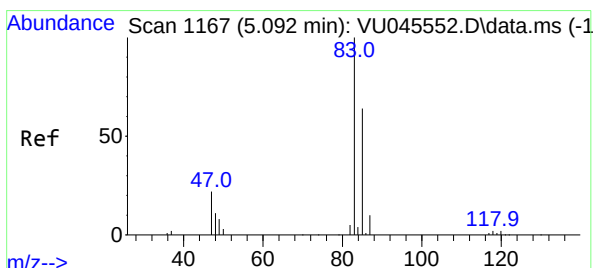
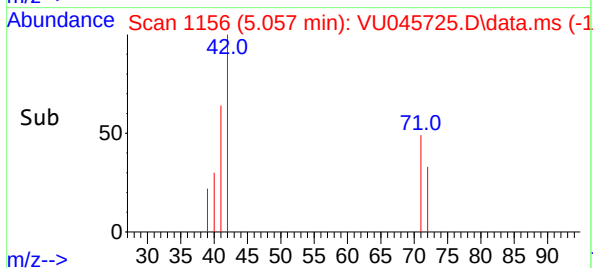
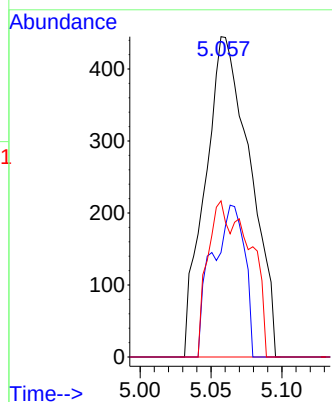
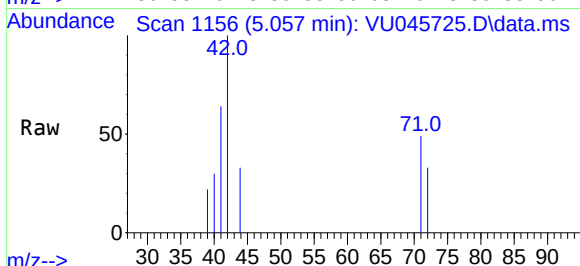
Tgt Ion: 42 Resp: 984

Ion Ratio Lower Upper

42 100

72 33.8 38.2 57.4#

71 23.5 35.4 53.2#



#30

Chloroform

Concen: 1.606 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045725.D

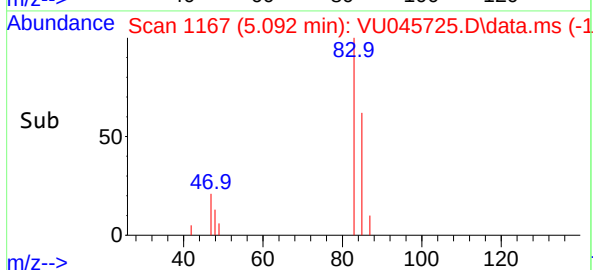
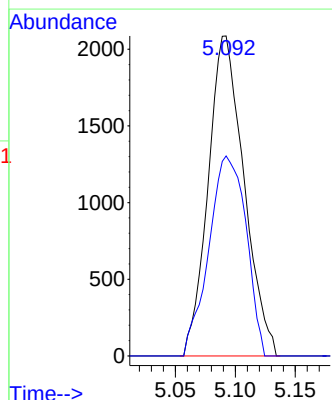
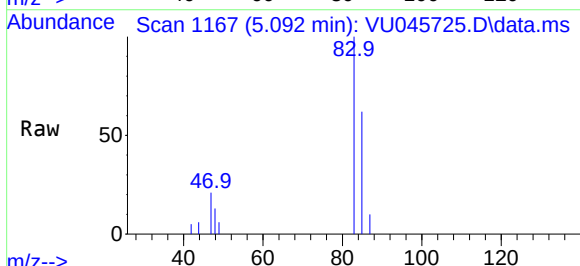
Acq: 11 Nov 2021 06:22

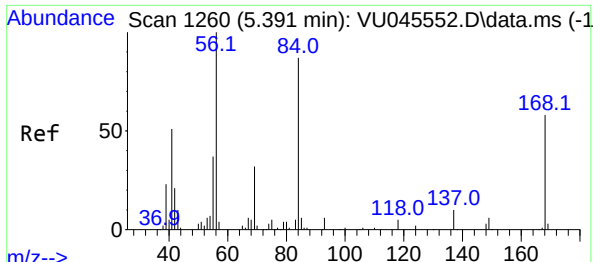
Tgt Ion: 83 Resp: 4332

Ion Ratio Lower Upper

83 100

85 62.5 52.0 78.0

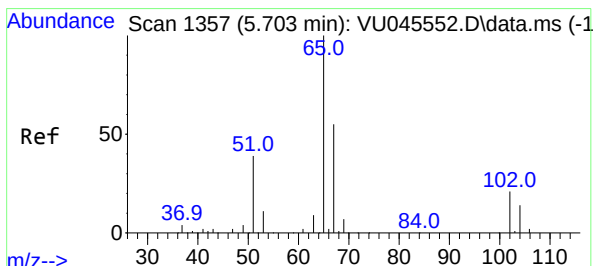
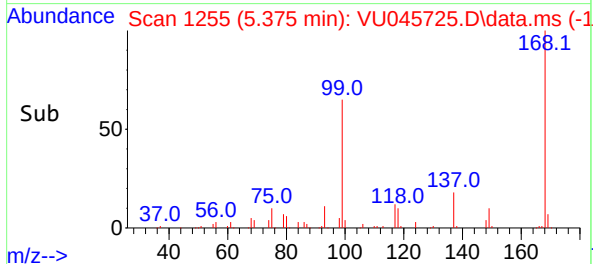
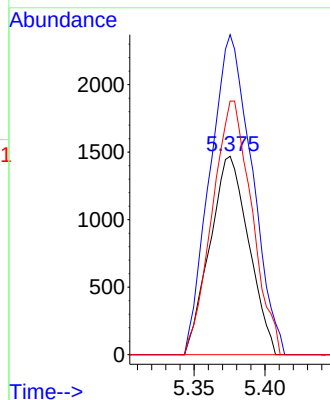
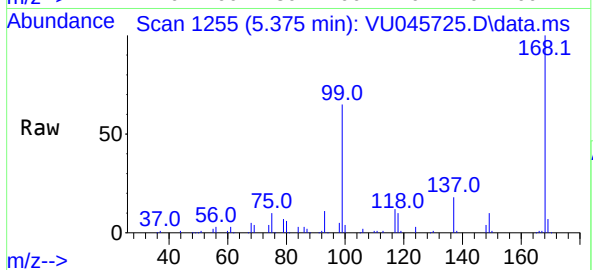




#31
Cyclohexane
Concen: 1.081 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

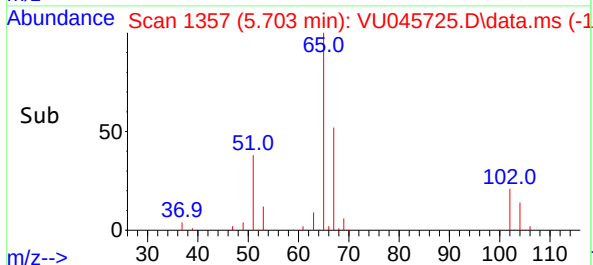
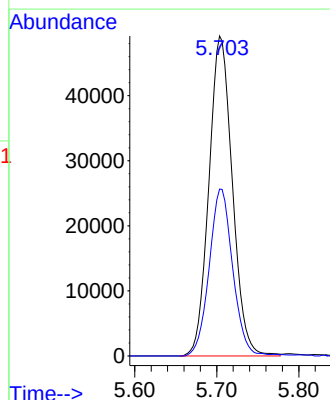
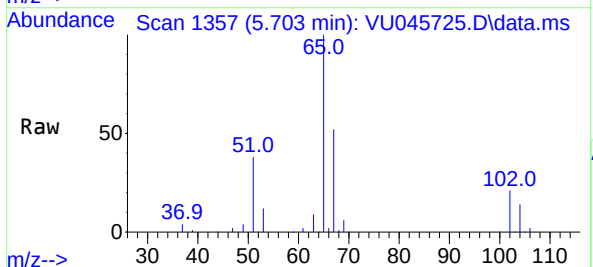
Instrument :
MSVOA_U
ClientSampleId :
FM786-N34145

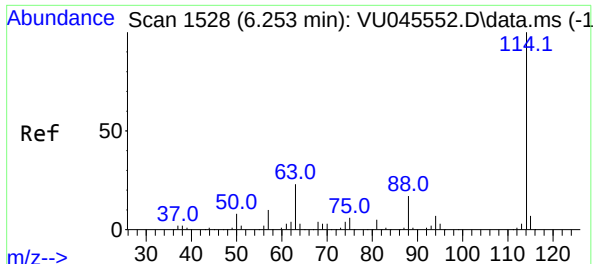
Tgt Ion: 56 Resp: 2804
Ion Ratio Lower Upper
56 100
69 161.3 26.4 39.6#
84 127.8 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 55.045 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

Tgt Ion: 65 Resp: 97831
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8

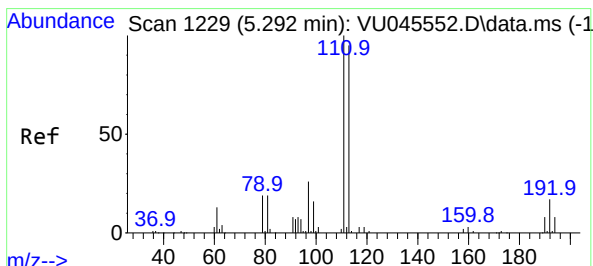
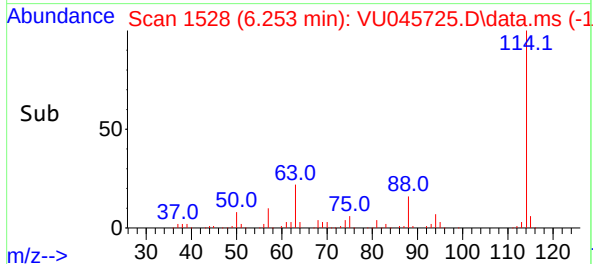
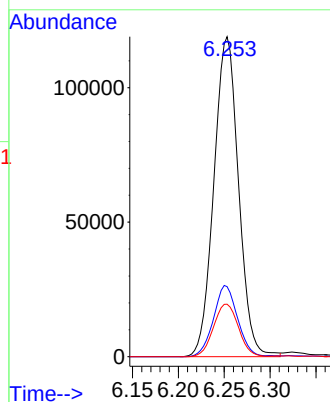
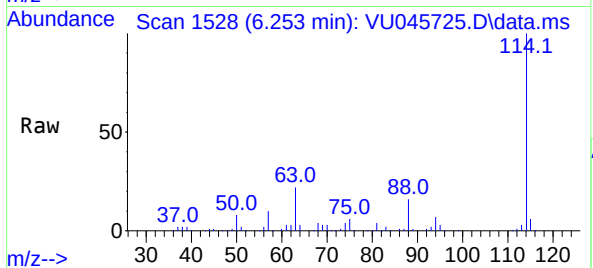




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

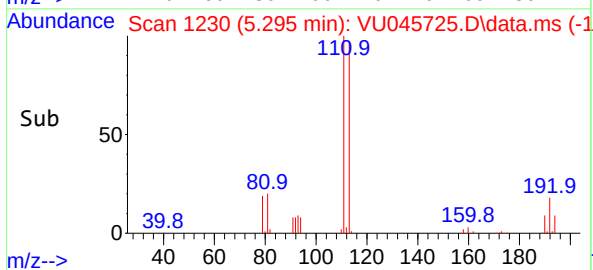
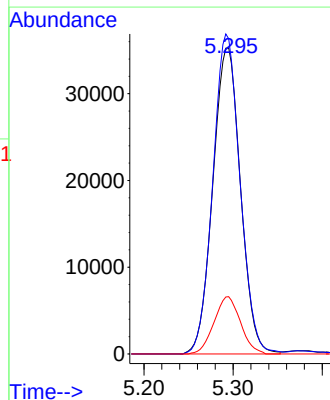
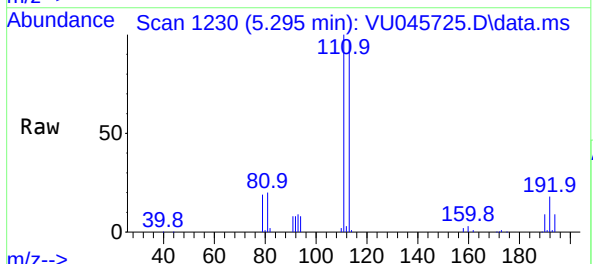
Instrument :
MSVOA_U
ClientSampleId :
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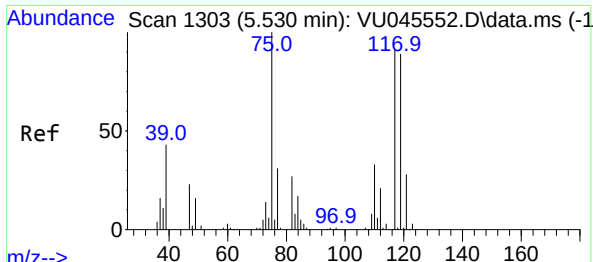
Tgt Ion:114 Resp: 222220
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.6
88 16.4 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.357 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

Tgt Ion:113 Resp: 76196
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 17.9 14.8 22.2

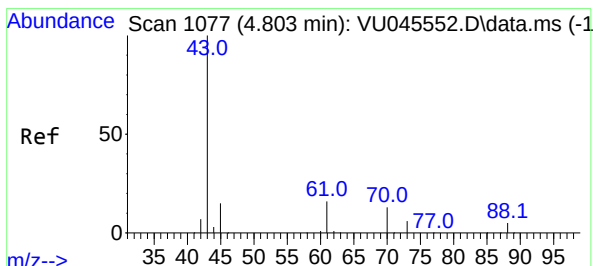
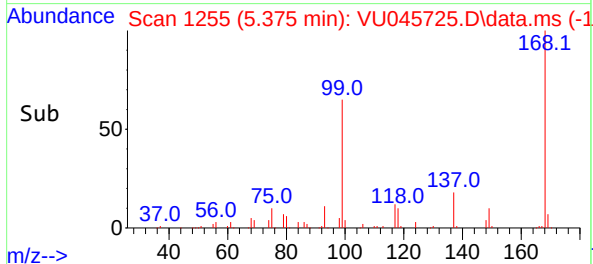
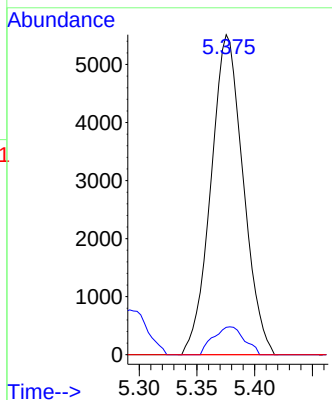
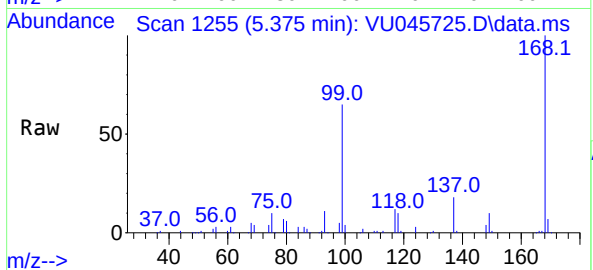




#36
 1,1-Dichloropropene
 Concen: 4.952 ug/l
 RT: 5.375 min Scan# 11
 Delta R.T. -0.154 min
 Lab File: VU045725.D
 Acq: 11 Nov 2021 06:22

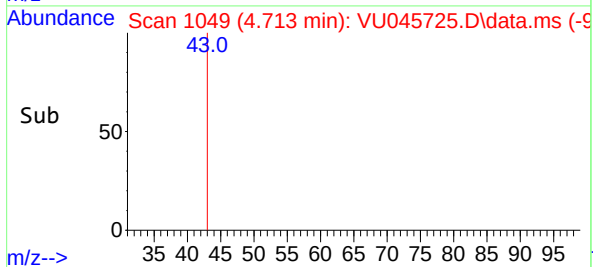
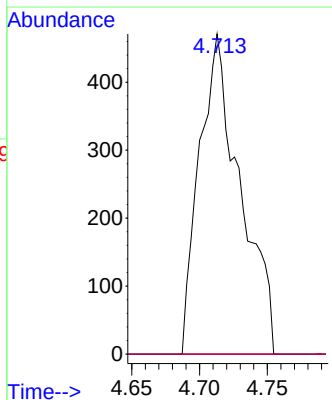
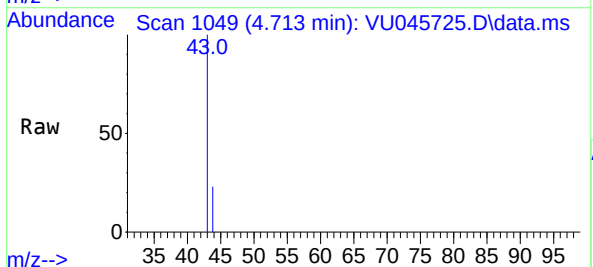
Instrument :
 MSVOA_U
 ClientSampleId :
 FM786-N34145

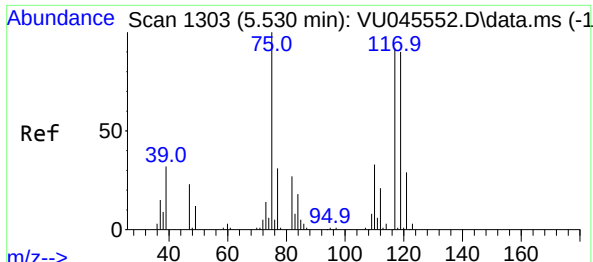
Tgt Ion:	75	Resp:	10729
Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.7	50.0#
77	0.0	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 0.395 ug/l
 RT: 4.713 min Scan# 1049
 Delta R.T. -0.090 min
 Lab File: VU045725.D
 Acq: 11 Nov 2021 06:22

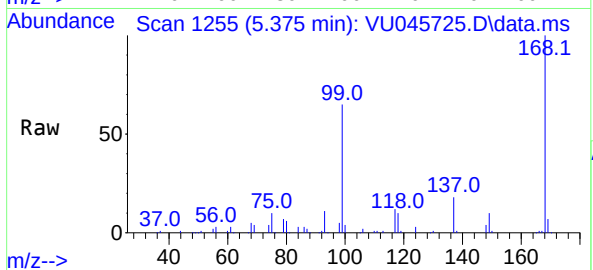
Tgt Ion:	43	Resp:	984
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	9.1	13.7#



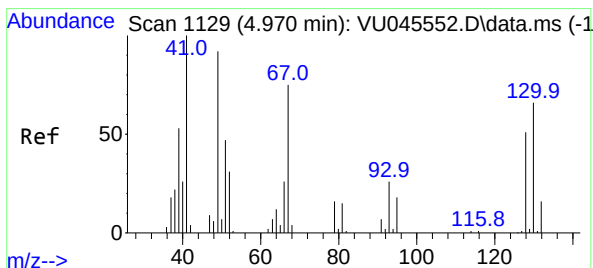
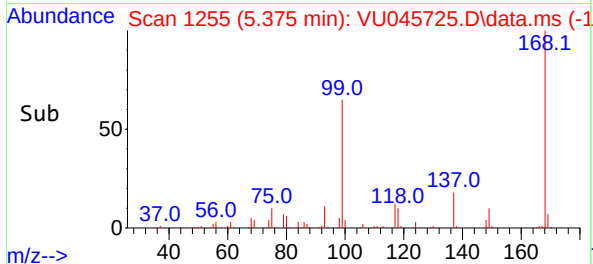
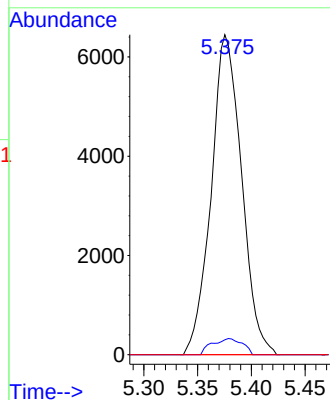


#38
Carbon Tetrachloride
Concen: 5.794 ug/l
RT: 5.375 min Scan# 1156
Delta R.T. -0.154 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

Instrument :
MSVOA_U
ClientSampleId :
FM786-N34145

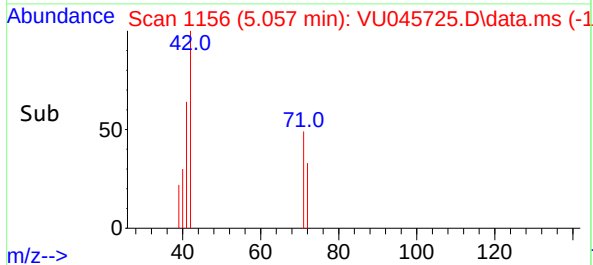
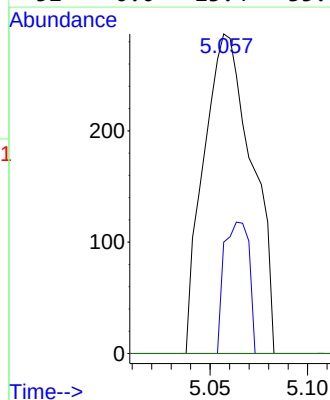
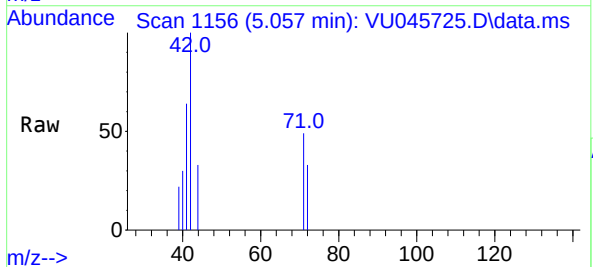


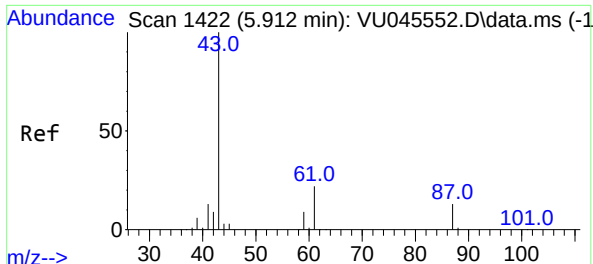
Tgt Ion:117 Resp: 12658
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.0#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.375 ug/l
RT: 5.057 min Scan# 1156
Delta R.T. 0.087 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

Tgt Ion: 41 Resp: 493
Ion Ratio Lower Upper
41 100
39 21.1 43.4 65.0#
67 0.0 61.0 91.4#
52 0.0 23.4 35.0#





#43

Isopropyl Acetate

Concen: 0.764 ug/l

RT: 6.153 min Scan# 1422

Delta R.T. 0.241 min

Lab File: VU045725.D

Acq: 11 Nov 2021 06:22

Instrument :

MSVOA_U

ClientSampleId :

FM786-N34145

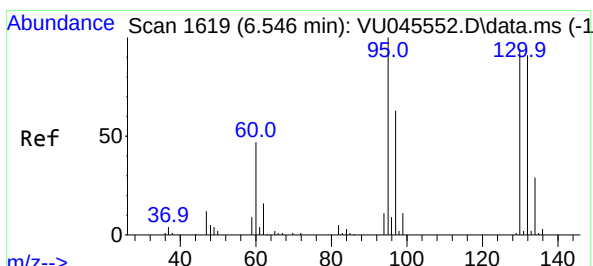
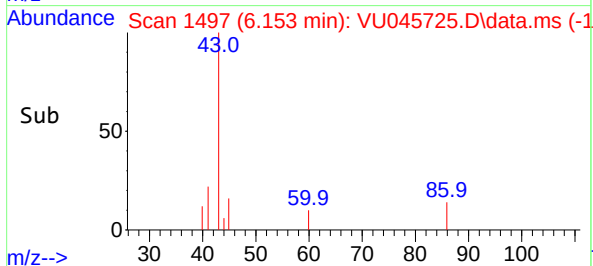
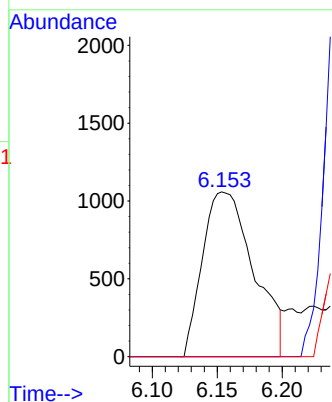
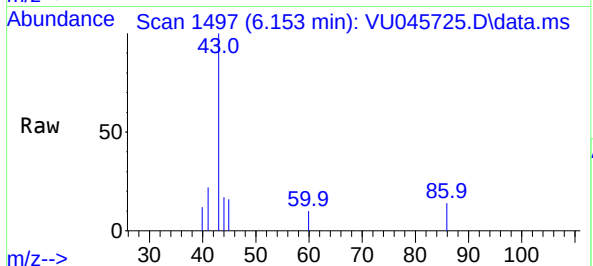
Tgt Ion: 43 Resp: 2908

Ion Ratio Lower Upper

43 100

61 0.0 16.9 25.3#

87 0.0 11.0 16.4#



#44

Trichloroethene

Concen: 0.203 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045725.D

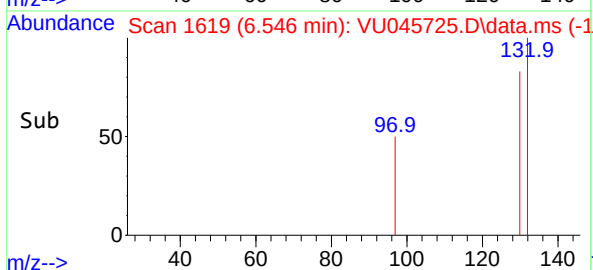
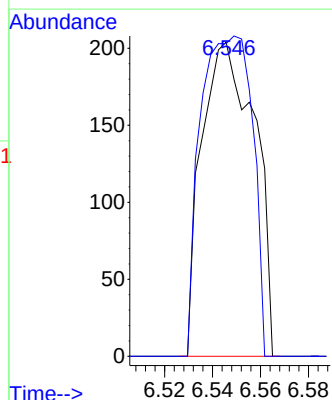
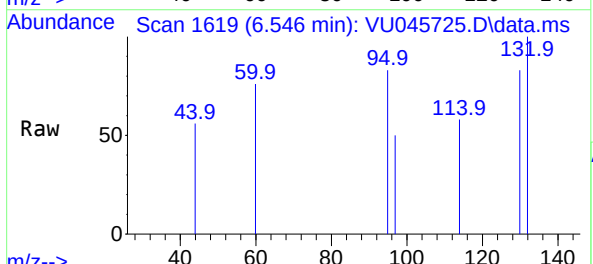
Acq: 11 Nov 2021 06:22

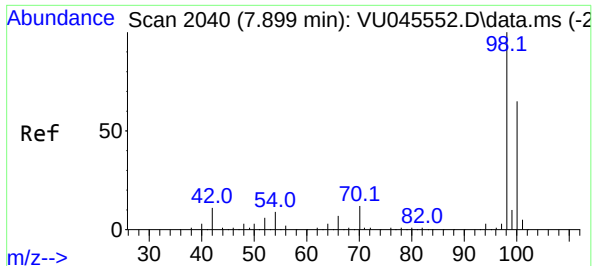
Tgt Ion:130 Resp: 312

Ion Ratio Lower Upper

130 100

95 99.5 0.0 211.4

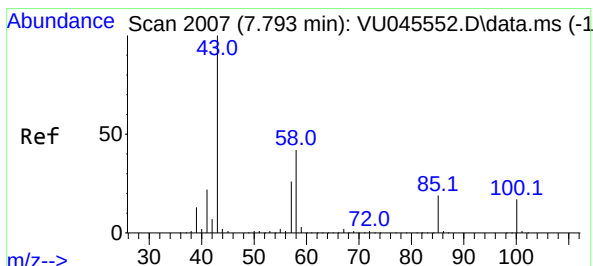
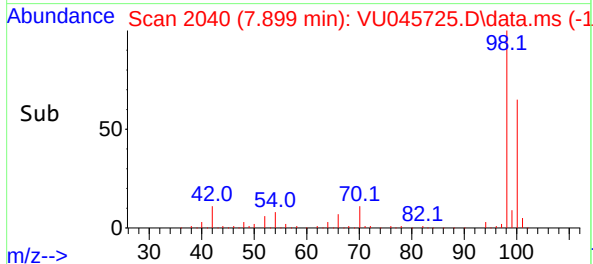
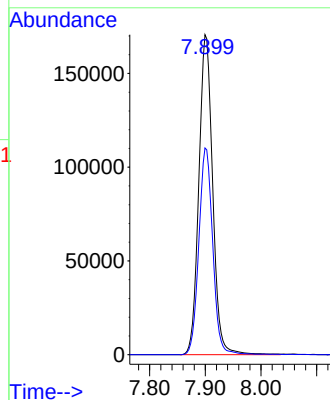
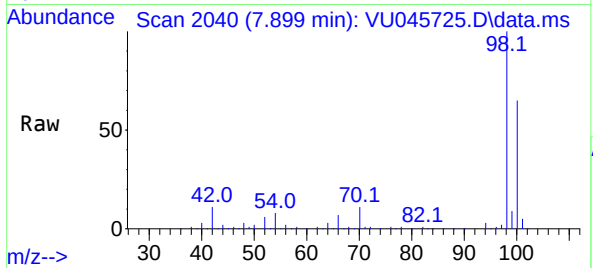




#50
Toluene-d8
Concen: 53.404 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

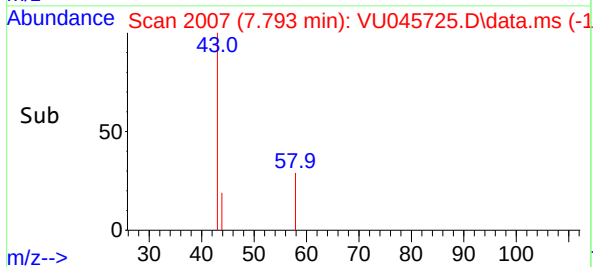
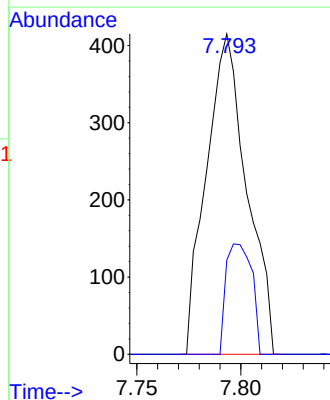
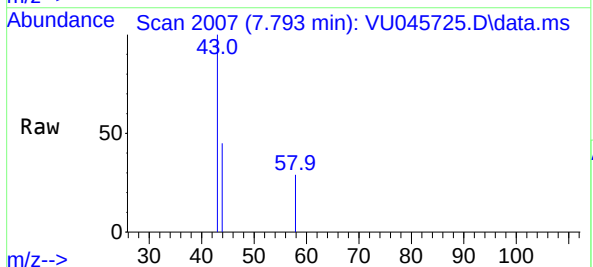
Instrument :
MSVOA_U
ClientSampleId :
FM786-N34145

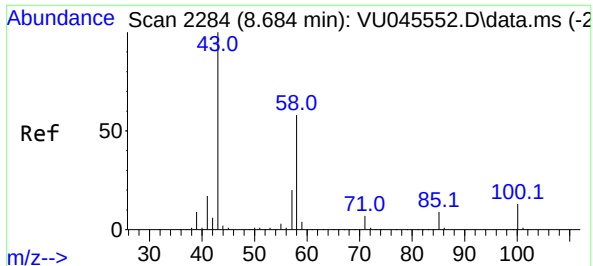
Tgt Ion: 98 Resp: 294628
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.223 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
58 21.9 33.8 50.8#





#59

2-Hexanone

Concen: 7.597 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045725.D

Acq: 11 Nov 2021 06:22

Instrument :

MSVOA_U

ClientSampleId :

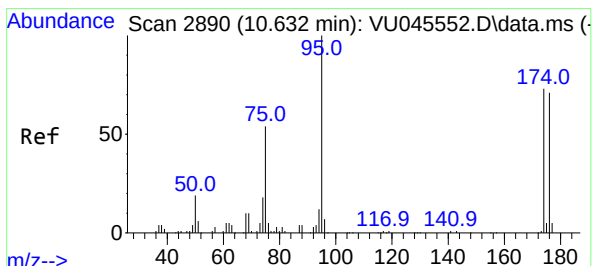
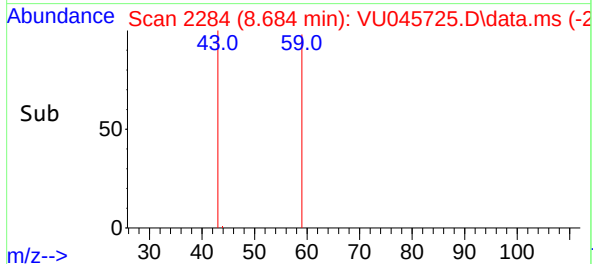
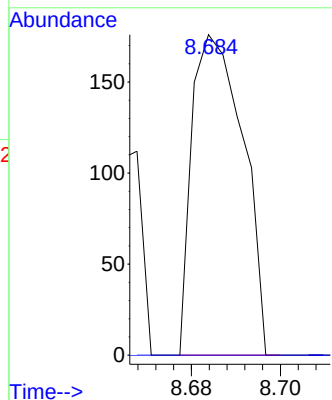
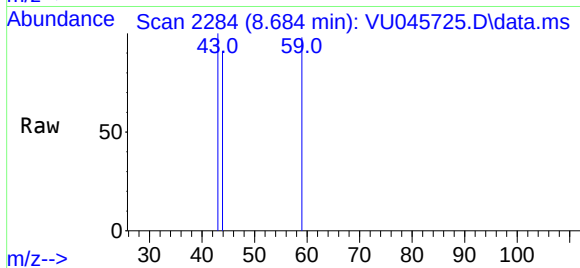
FM786-N34145

Tgt Ion: 43 Resp: 140

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.6#



#62

4-Bromofluorobenzene

Concen: 50.927 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045725.D

Acq: 11 Nov 2021 06:22

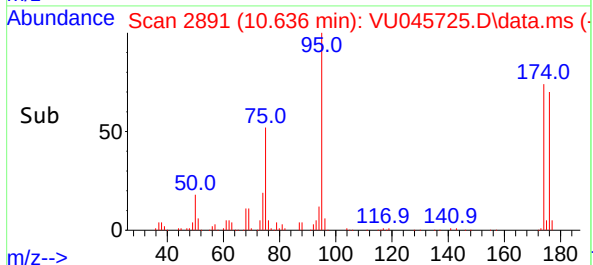
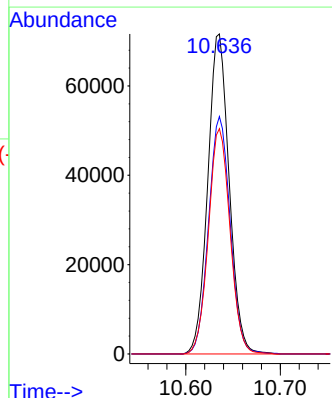
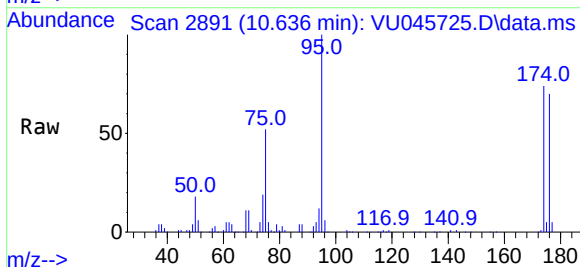
Tgt Ion: 95 Resp: 112663

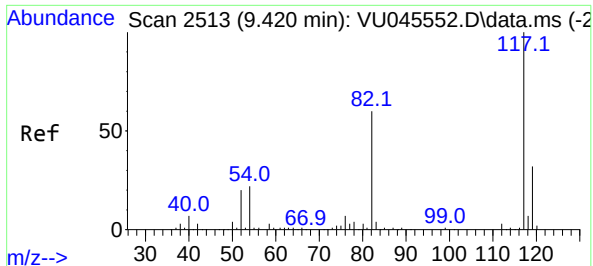
Ion Ratio Lower Upper

95 100

174 75.0 0.0 141.8

176 71.0 0.0 138.2

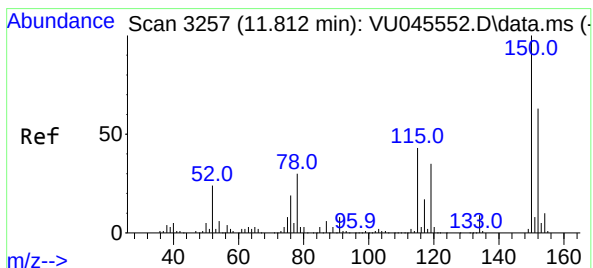
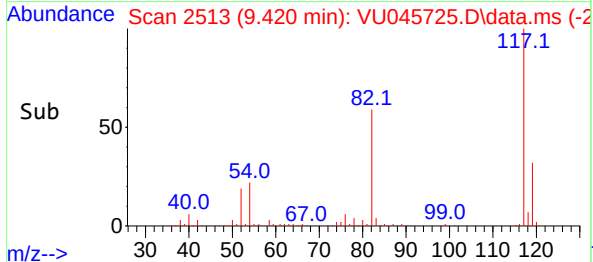
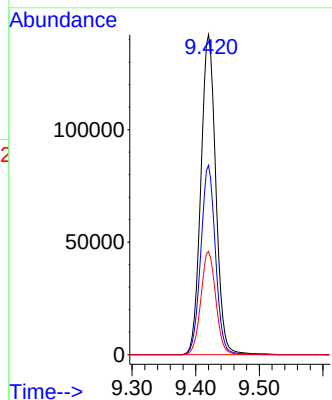
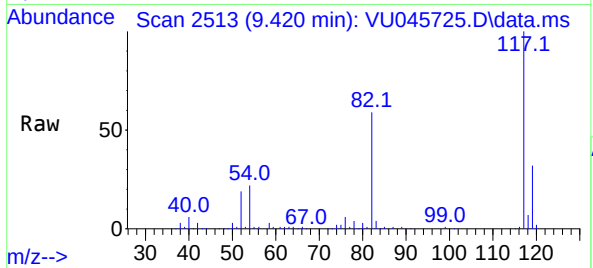




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

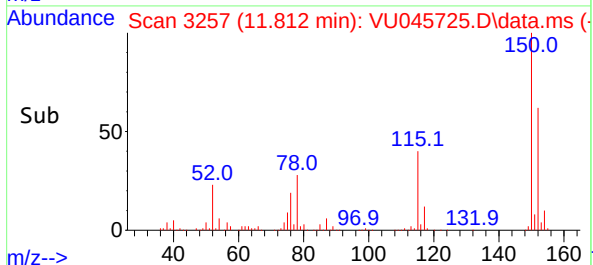
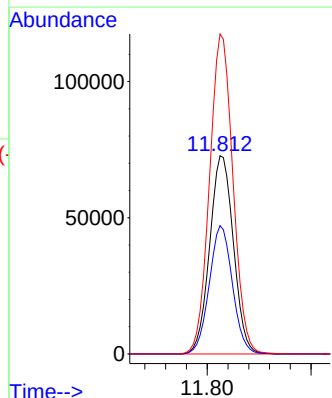
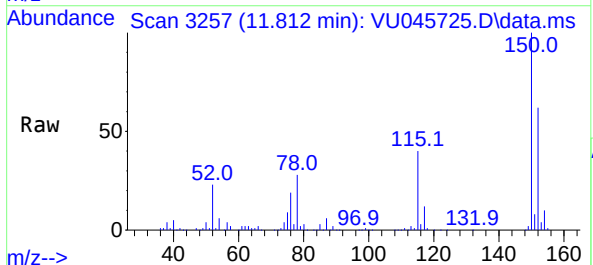
Instrument :
MSVOA_U
ClientSampleId :
FM786-N34145

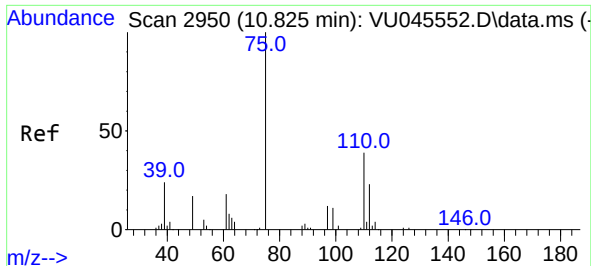
Tgt Ion:117 Resp: 231929
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.8
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

Tgt Ion:152 Resp: 115631
Ion Ratio Lower Upper
152 100
115 63.0 42.7 128.1
150 158.9 0.0 346.8

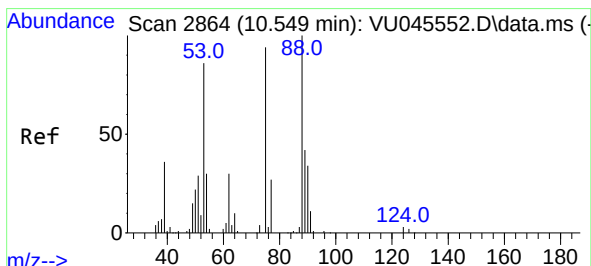
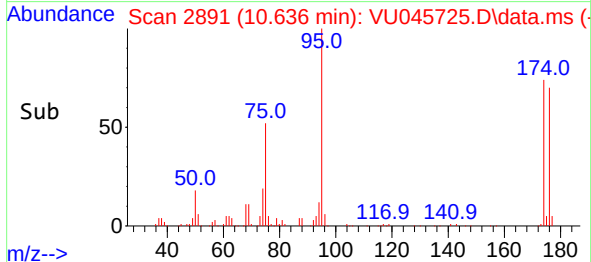
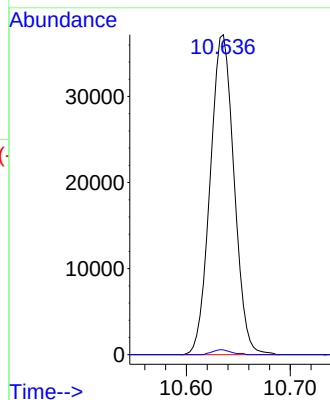
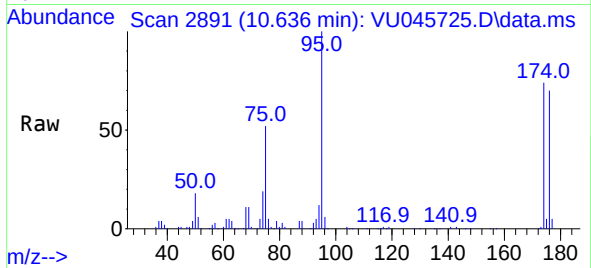




#76
1,2,3-Trichloropropane
Concen: 16.942 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

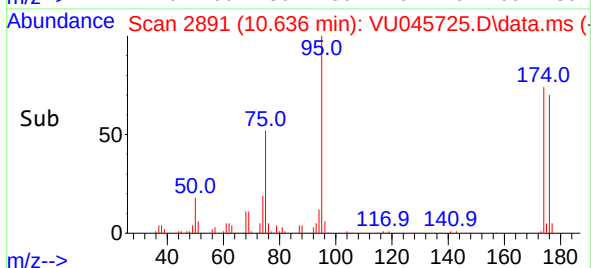
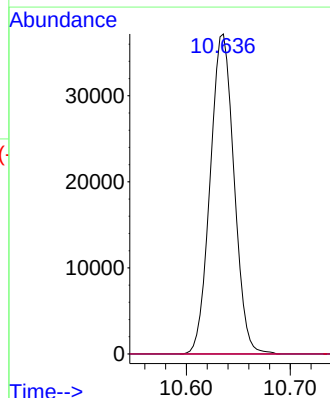
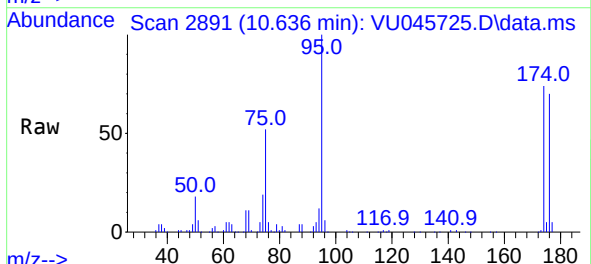
Instrument :
MSVOA_U
ClientSampleId :
FM786-N34145

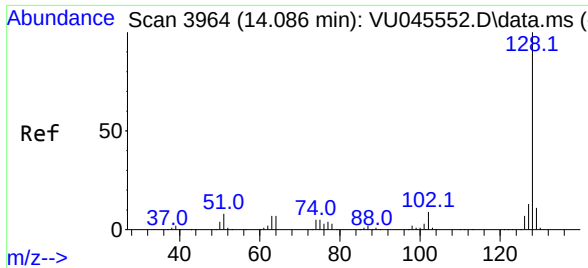
Tgt Ion: 75 Resp: 59407
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.170 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045725.D
Acq: 11 Nov 2021 06:22

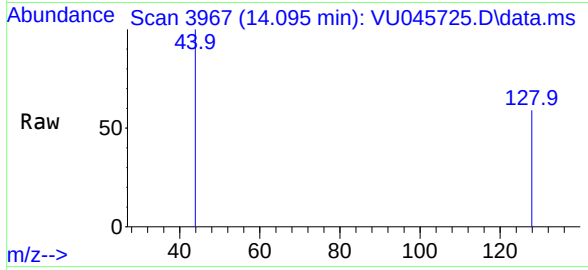
Tgt Ion: 75 Resp: 59407
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95
 Naphthalene
 Concen: 1.039 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.009 min
 Lab File: VU045725.D
 Acq: 11 Nov 2021 06:22

Instrument :
 MSVOA_U
 ClientSampleId :
 FM786-N34145



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

