

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045477.D
 Acq On : 29 Oct 2021 20:22
 Operator : SY/MD
 Sample : M4341-01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:11:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	220730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	439802	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	432567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	204821	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	184964	51.471	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.940%	
35) Dibromofluoromethane	5.292	113	131751	47.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.220%	
50) Toluene-d8	7.899	98	568398	51.833	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	10.642	95	222206	53.176	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.360%	

Target Compounds				Qvalue		
3) Chloromethane	1.517	50	8253	1.879	ug/l	98
5) Bromomethane	1.858	94	1596	0.721	ug/l	93
10) Methyl Iodide	2.707	142	1577	9.896	ug/l #	91
16) Acetone	2.655	43	1843	1.130	ug/l #	76
18) Methyl Acetate	2.970	43	1975	0.325	ug/l #	68
20) Methylene Chloride	3.041	84	2414	0.743	ug/l	98
27) cis-1,2-Dichloroethene	4.662	96	11309	3.616	ug/l	92
29) Tetrahydrofuran	5.073	42	2325	1.456	ug/l #	68
31) Cyclohexane	5.372	56	5698	1.065	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	20170	4.818	ug/l #	49
38) Carbon Tetrachloride	5.372	117	22908	6.274	ug/l #	16
39) Methylcyclohexane	6.761	83	7220	1.387	ug/l	99
41) Methacrylonitrile	5.080	41	1352	0.504	ug/l #	37
43) Isopropyl Acetate	5.973	43	4448	0.582	ug/l #	59
44) Trichloroethene	6.539	130	812	0.278	ug/l	95
51) 4-Methyl-2-Pentanone	7.858	43	1269	0.257	ug/l #	33
52) Toluene	7.973	92	3596	0.469	ug/l	99
55) 1,1,2-Trichloroethane	8.369	97	8408	2.687	ug/l #	19
56) Ethyl methacrylate	8.372	69	2052	1.988	ug/l #	1
59) 2-Hexanone	8.636	43	10293	2.690	ug/l #	24
67) Ethyl Benzene	9.574	91	9728	0.648	ug/l	100
68) m/p-Xylenes	9.700	106	28253	4.982	ug/l	98
69) o-Xylene	10.108	106	18015	3.258	ug/l	95
70) Styrene	10.111	104	1352	1.106	ug/l #	1
73) Isopropylbenzene	10.491	105	8793	0.637	ug/l	98
74) N-amyl acetate	10.320	43	6535	2.046	ug/l #	11
75) 1,1,2,2-Tetrachloroethane	10.812	83	19250	3.512	ug/l #	25
76) 1,2,3-Trichloropropane	10.642	75	111526	20.436	ug/l #	44
78) n-propylbenzene	10.912	91	20073	1.199	ug/l	100
79) 2-Chlorotoluene	11.095	91	5919	0.587	ug/l	73
80) 1,3,5-Trimethylbenzene	11.095	105	58573	5.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.642	75	111526	56.704	ug/l #	12
82) 4-Chlorotoluene	11.095	91	5919	0.516	ug/l	78
84) 1,2,4-Trimethylbenzene	11.475	105	146504	12.582	ug/l	100
85) sec-Butylbenzene	11.652	105	23658	1.607	ug/l	98
86) p-Isopropyltoluene	11.799	119	22975	1.943	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration

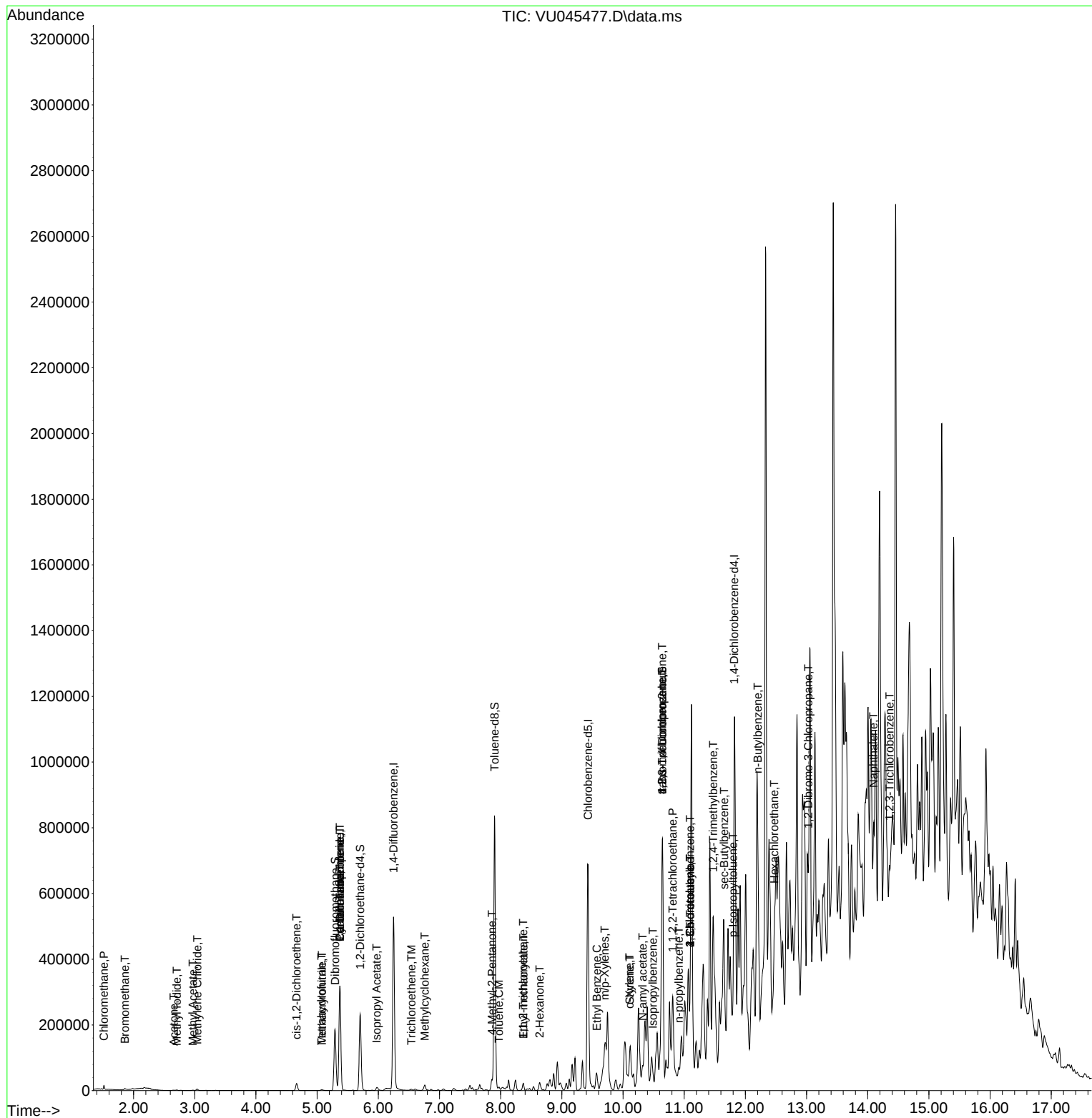
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.201	91	56268	5.264	ug/l #	30
90) Hexachloroethane	12.471	117	5321	2.532	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	13.028	75	1104	0.839	ug/l #	21
95) Naphthalene	14.092	128	21672	1.384	ug/l #	85
96) 1,2,3-Trichlorobenzene	14.356	180	7899	1.839	ug/l #	1

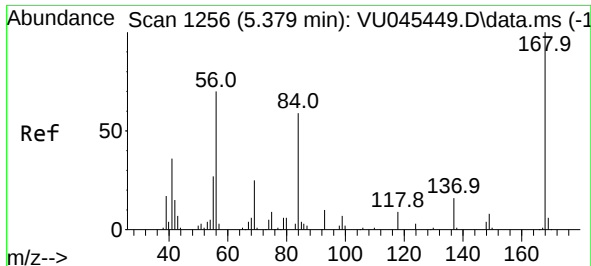
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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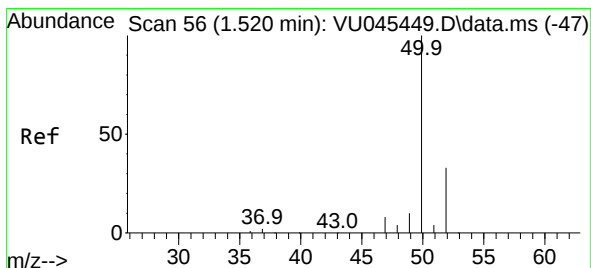
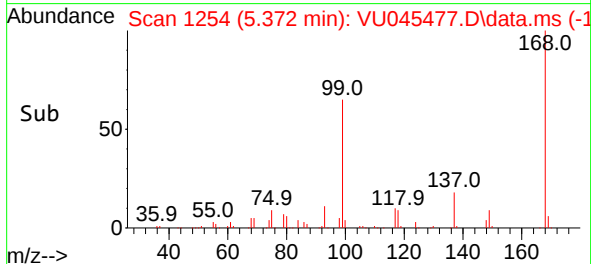
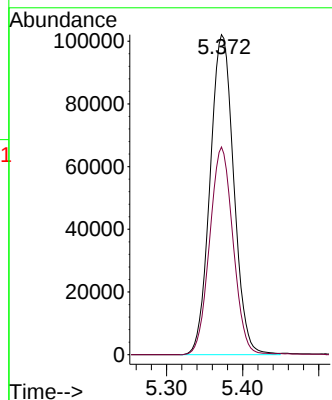
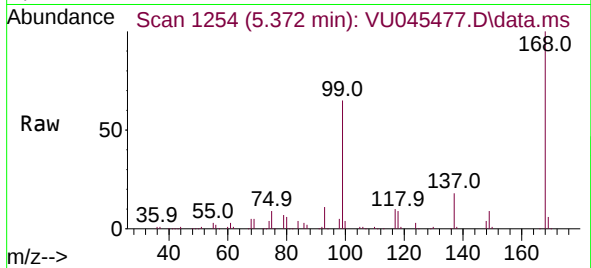




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

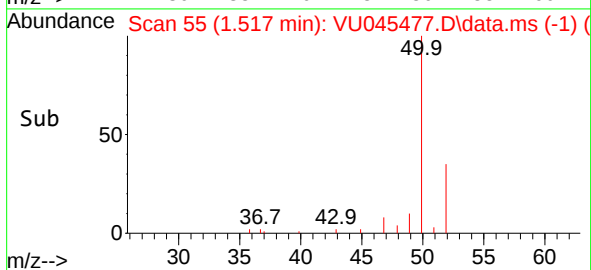
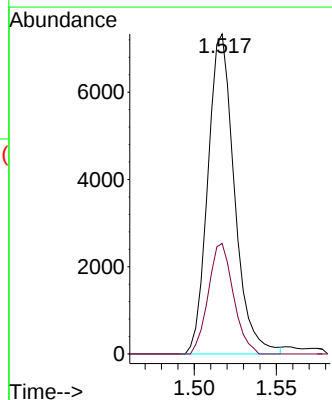
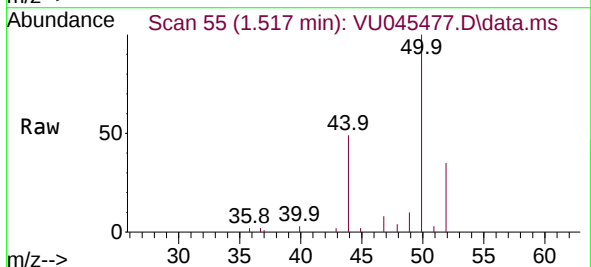
Instrument :
MSVOA_U
ClientSampleId :

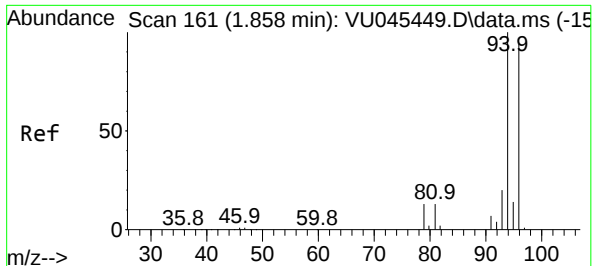
Tgt Ion:168 Resp: 220730
Ion Ratio Lower Upper
168 100
99 64.9 51.0 76.6



#3
Chloromethane
Concen: 1.879 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

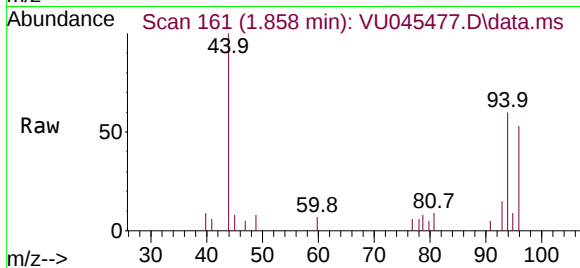
Tgt Ion: 50 Resp: 8253
Ion Ratio Lower Upper
50 100
52 34.5 26.6 40.0



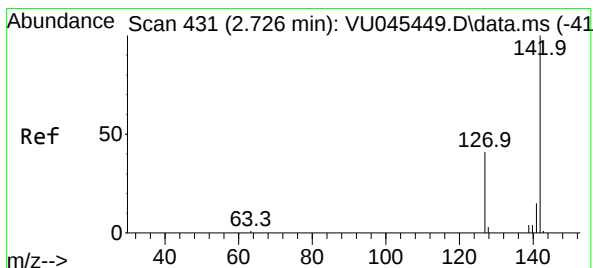
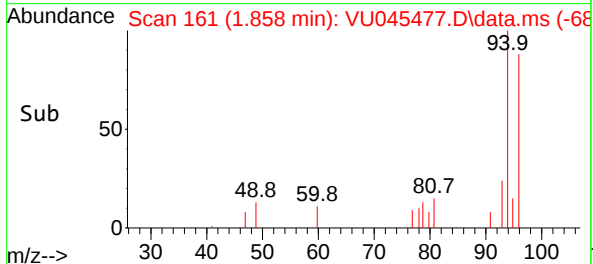
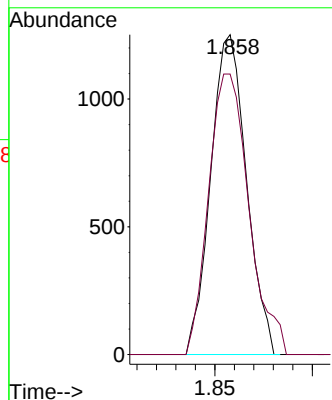


#5
Bromomethane
Concen: 0.721 ug/l
RT: 1.858 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Instrument :
MSVOA_U
ClientSampleId :

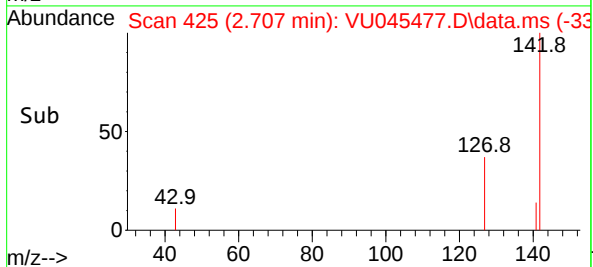
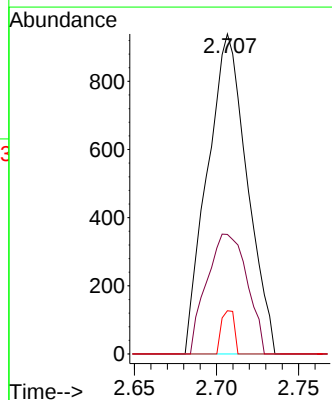
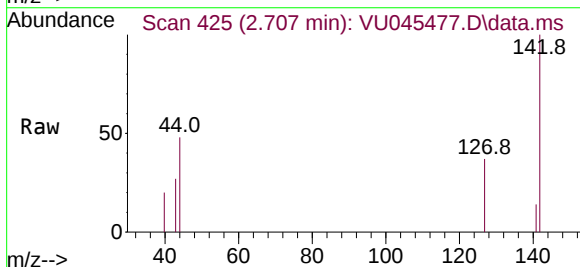


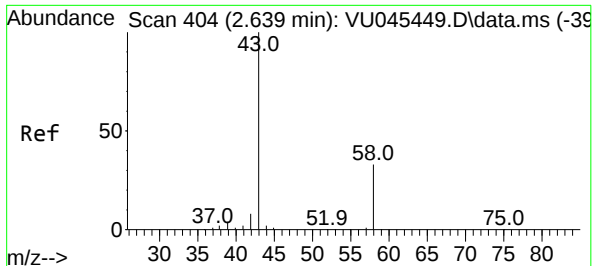
Tgt Ion: 94 Resp: 1596
Ion Ratio Lower Upper
94 100
96 87.7 75.4 113.2



#10
Methyl Iodide
Concen: 9.896 ug/l
RT: 2.707 min Scan# 425
Delta R.T. -0.019 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion: 142 Resp: 1577
Ion Ratio Lower Upper
142 100
127 38.0 32.2 48.2
141 4.4 11.3 16.9#

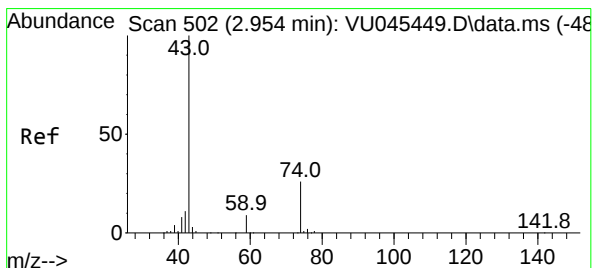
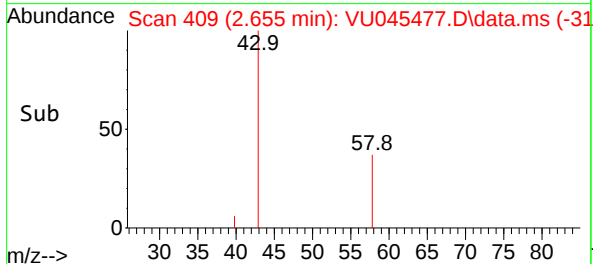
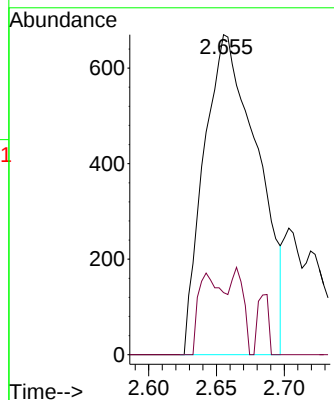
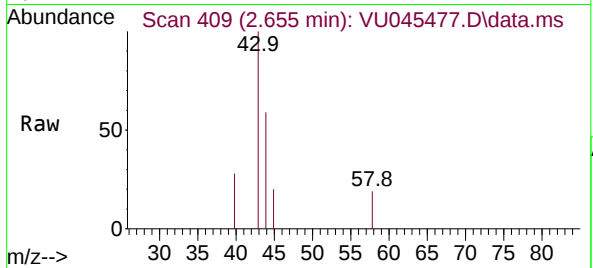




#16
Acetone
Concen: 1.130 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.016 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

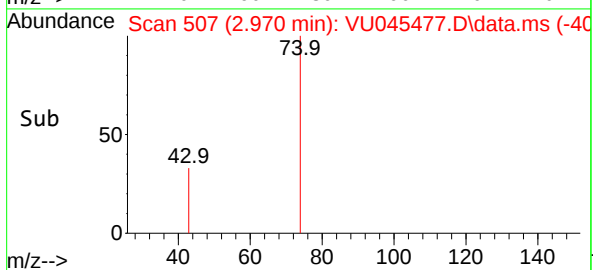
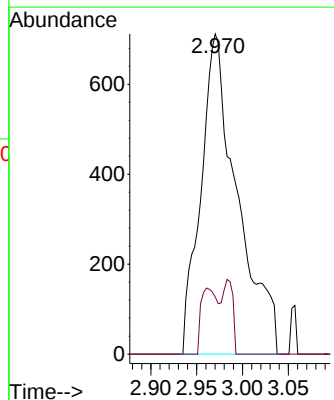
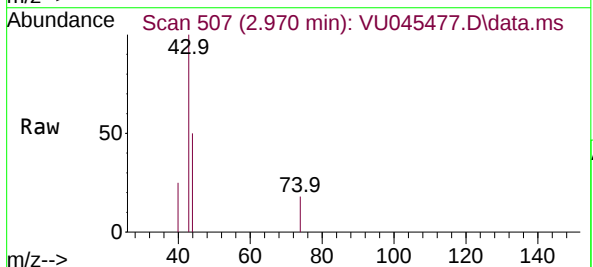
Instrument :
MSVOA_U
ClientSampleId :

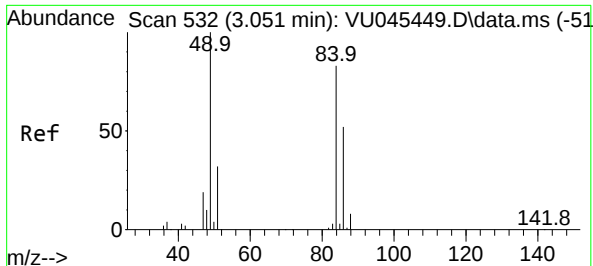
Tgt Ion: 43 Resp: 1843
Ion Ratio Lower Upper
43 100
58 19.4 26.2 39.2#



#18
Methyl Acetate
Concen: 0.325 ug/l
RT: 2.970 min Scan# 507
Delta R.T. 0.016 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

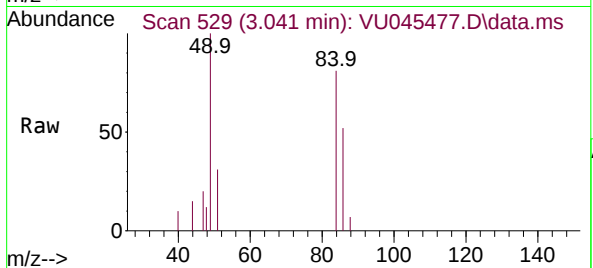
Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
74 9.0 20.2 30.2#



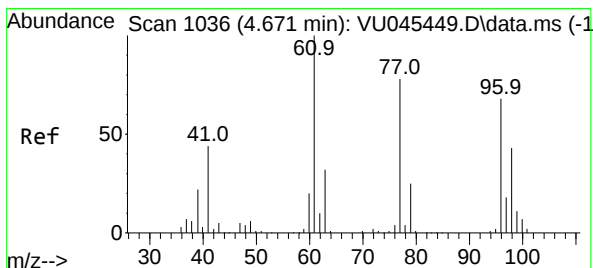
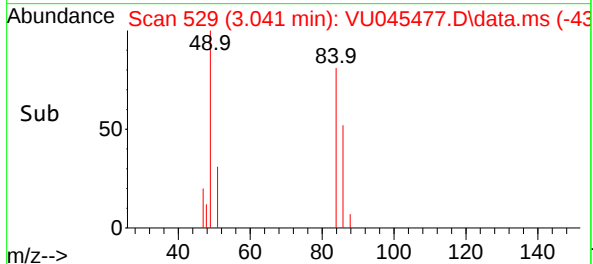
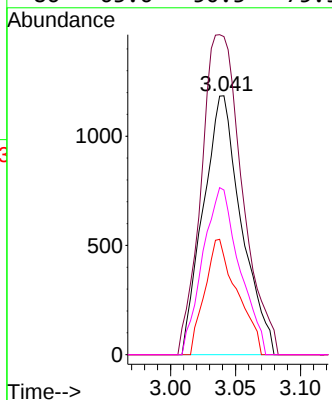


#20
Methylene Chloride
Concen: 0.743 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Instrument :
MSVOA_U
ClientSampleId :

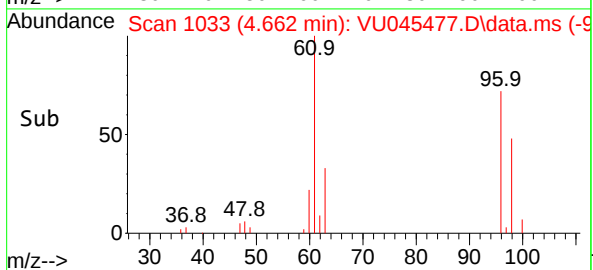
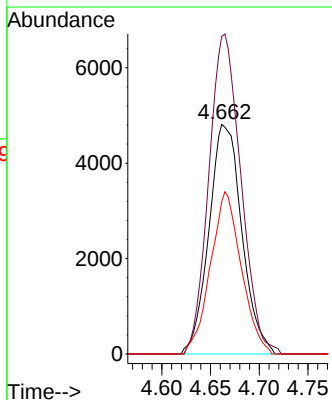
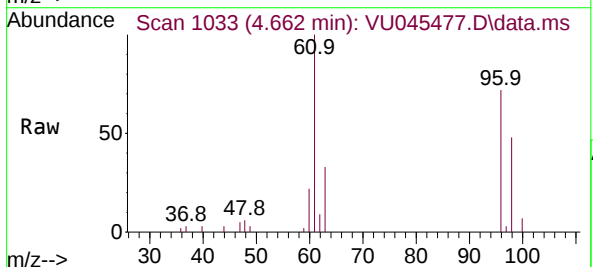


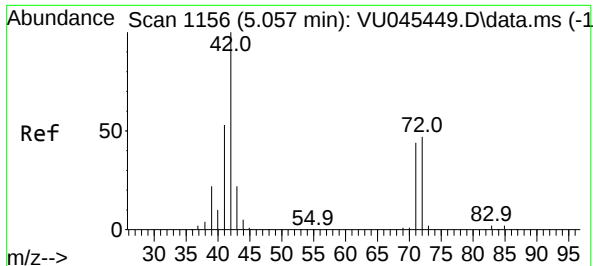
Tgt Ion: 84	Resp: 2414
Ion Ratio	Lower Upper
84 100	
49 122.9	96.4 144.6
51 37.8	30.5 45.7
86 63.6	50.3 75.5



#27
cis-1,2-Dichloroethene
Concen: 3.616 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. -0.010 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion: 96	Resp: 11309
Ion Ratio	Lower Upper
96 100	
61 136.0	0.0 299.2
98 66.2	0.0 127.6





#29

Tetrahydrofuran

Concen: 1.456 ug/l

RT: 5.073 min Scan# 1156

Delta R.T. 0.016 min

Lab File: VU045477.D

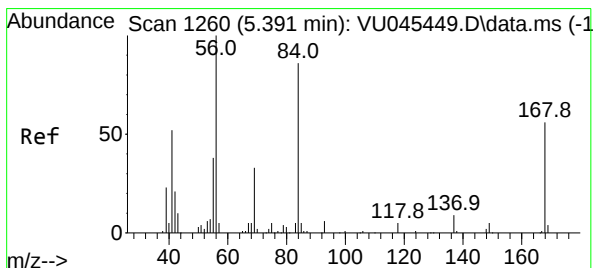
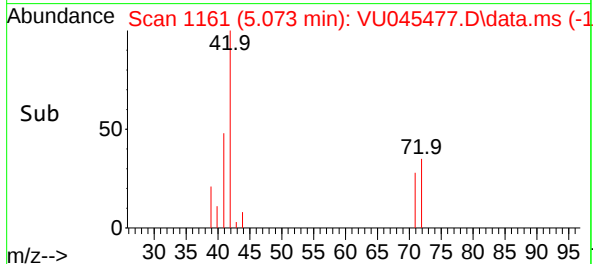
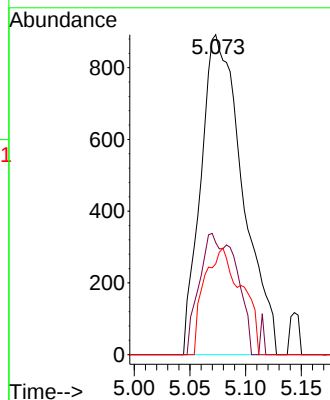
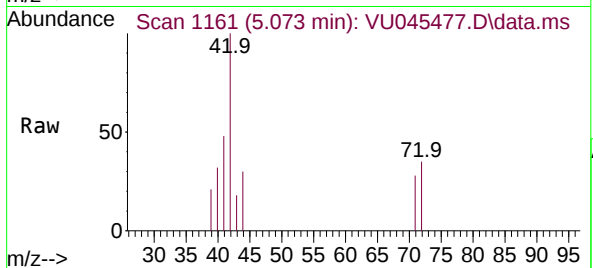
Acq: 29 Oct 2021 20:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	2325
Ion	Ratio	Lower	Upper
42	100		
72	20.8	38.2	57.4#
71	29.7	35.4	53.2#



#31

Cyclohexane

Concen: 1.065 ug/l

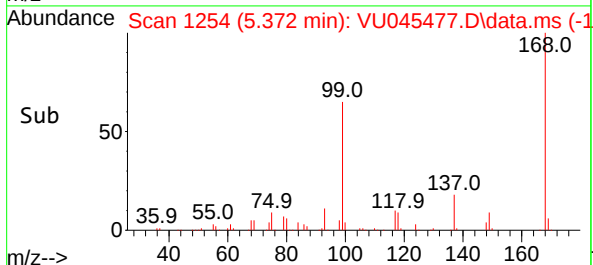
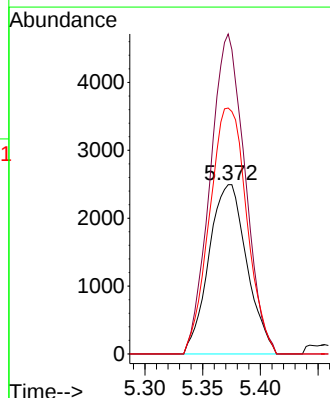
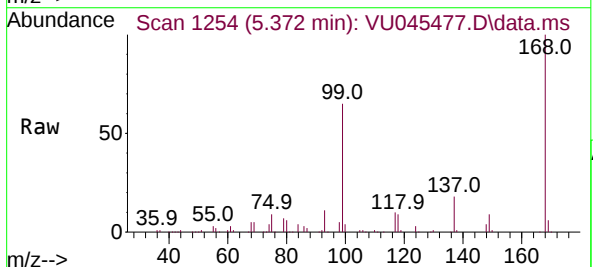
RT: 5.372 min Scan# 1254

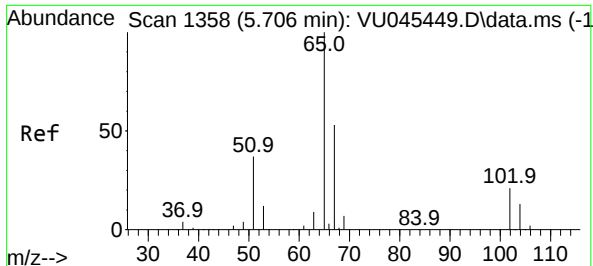
Delta R.T. -0.019 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

Tgt Ion:	56	Resp:	5698
Ion	Ratio	Lower	Upper
56	100		
69	188.9	26.4	39.6#
84	145.2	68.4	102.6#





#33

1,2-Dichloroethane-d4

Concen: 51.471 ug/l

RT: 5.703 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

Instrument :

MSVOA_U

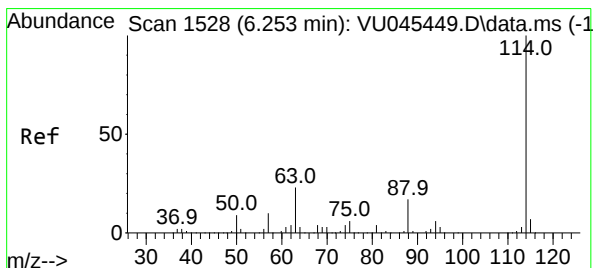
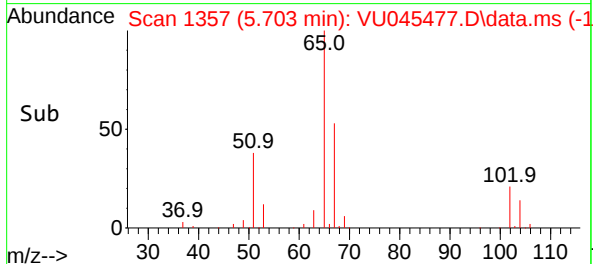
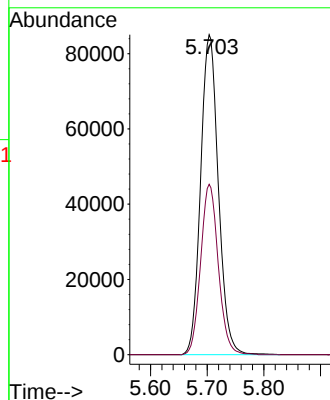
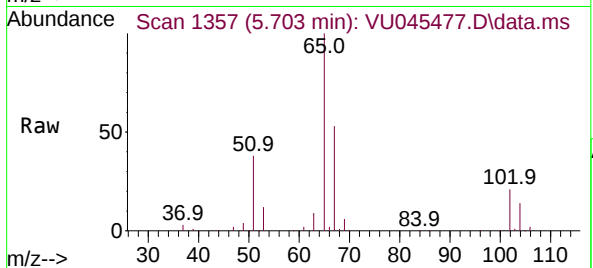
ClientSampleId :

Tgt Ion: 65 Resp: 184964

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

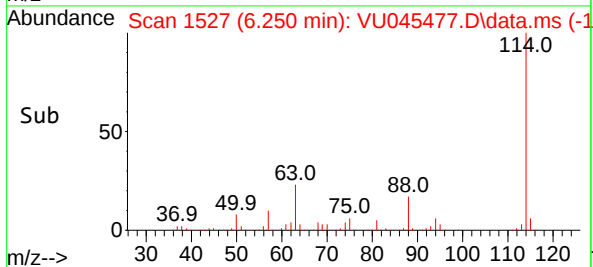
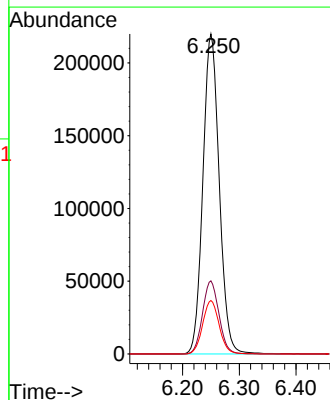
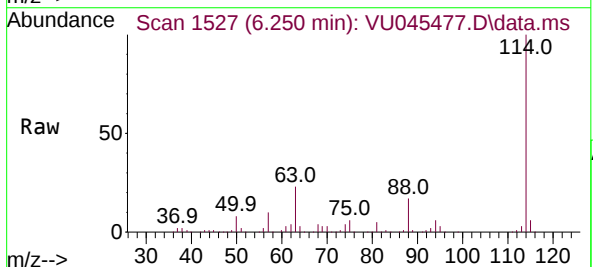
Tgt Ion: 114 Resp: 439802

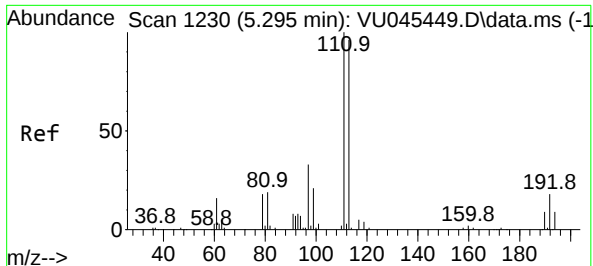
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.113 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

Instrument :

MSVOA_U

ClientSampleId :

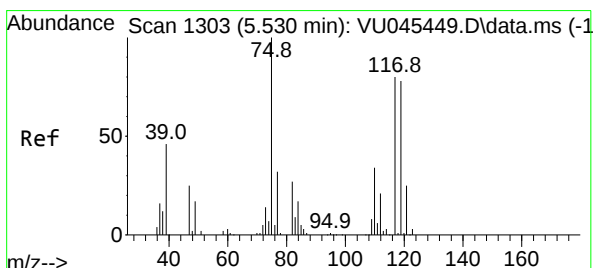
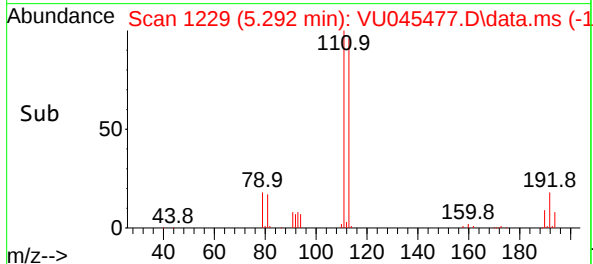
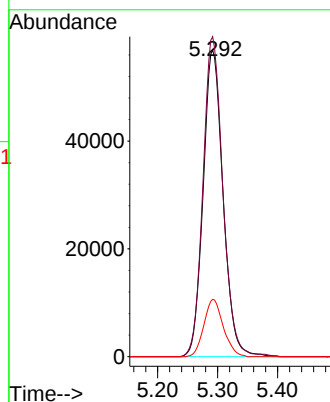
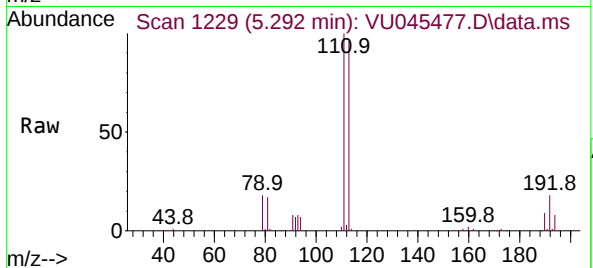
Tgt Ion:113 Resp: 131751

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.818 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.158 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

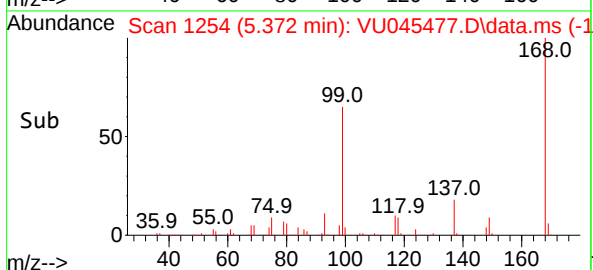
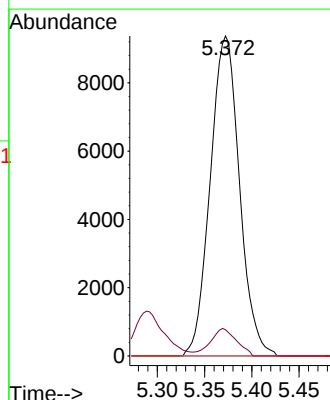
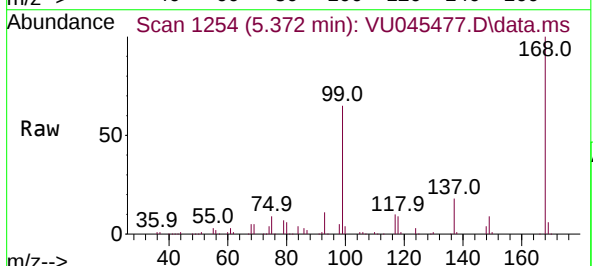
Tgt Ion: 75 Resp: 20170

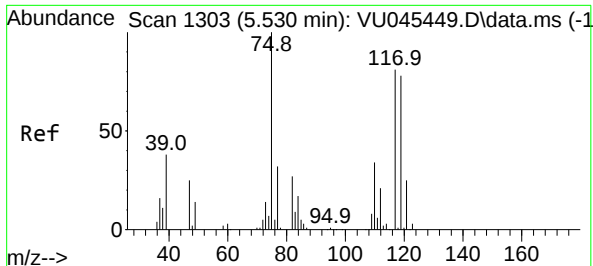
Ion Ratio Lower Upper

75 100

110 7.6 16.7 50.0#

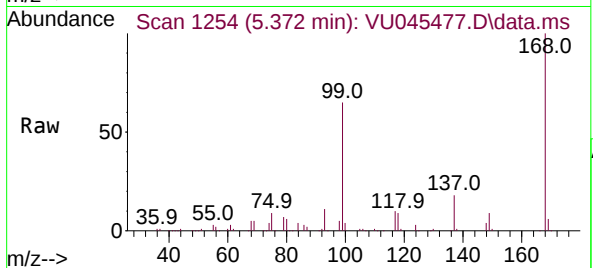
77 0.0 25.0 37.4#



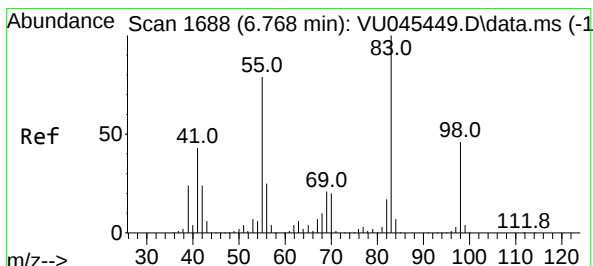
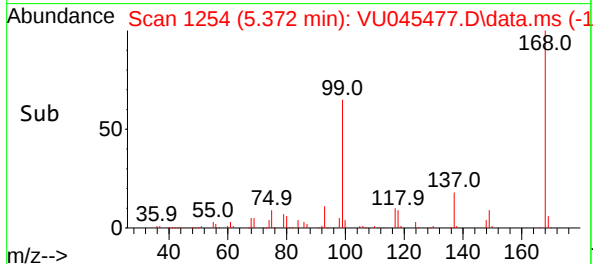
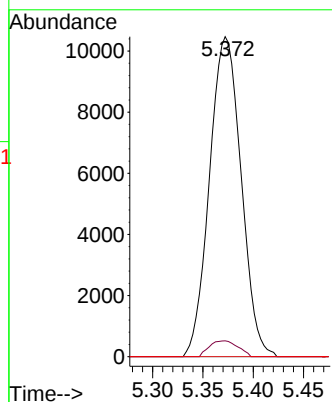


#38
Carbon Tetrachloride
Concen: 6.274 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.158 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Instrument :
MSVOA_U
ClientSampleId :

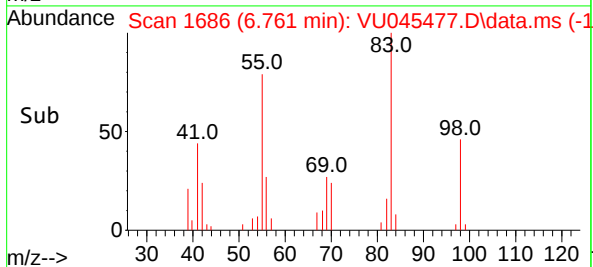
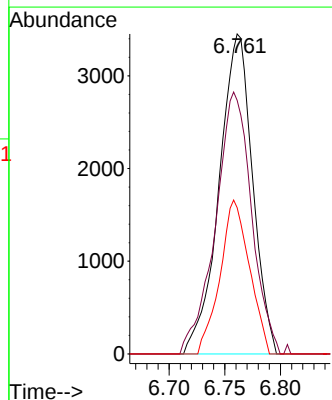
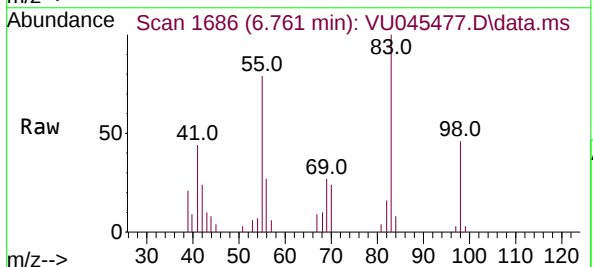


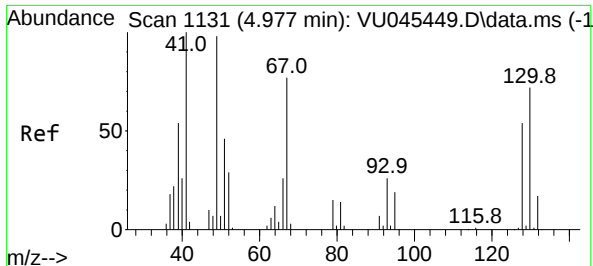
Tgt Ion:117 Resp: 22908
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.0#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.387 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion: 83 Resp: 7220
Ion Ratio Lower Upper
83 100
55 79.2 63.6 95.4
98 45.7 37.1 55.7

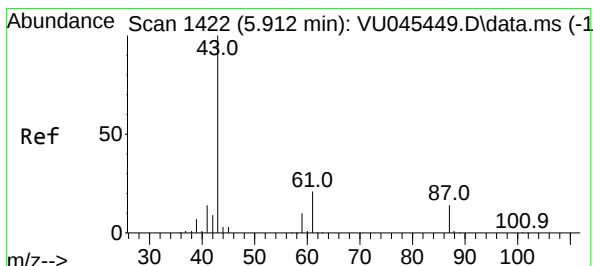
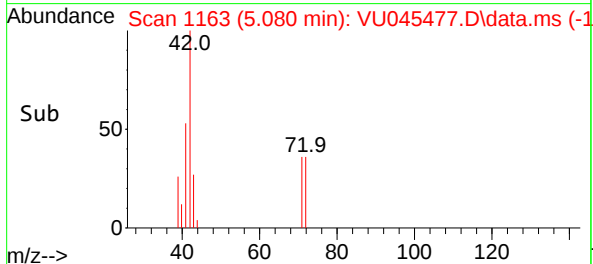
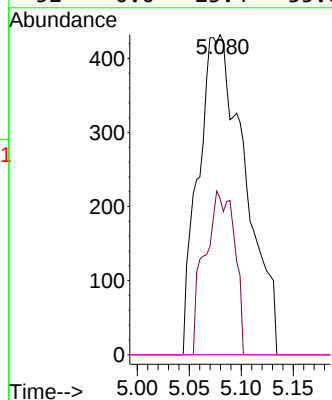
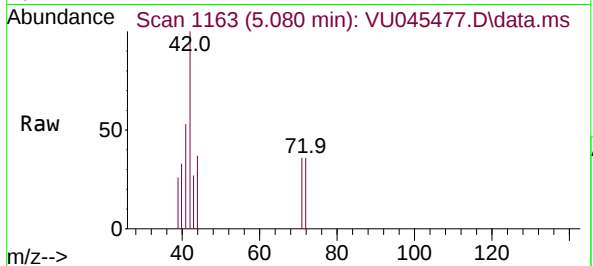




#41
Methacrylonitrile
Concen: 0.504 ug/l
RT: 5.080 min Scan# 1163
Delta R.T. 0.103 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

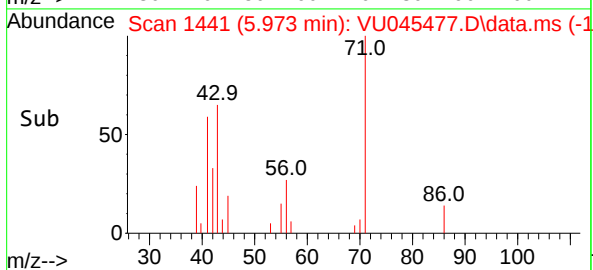
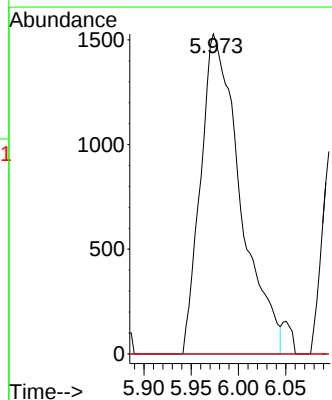
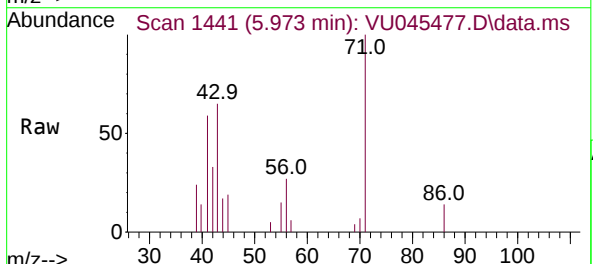
Instrument :
MSVOA_U
ClientSampleId :

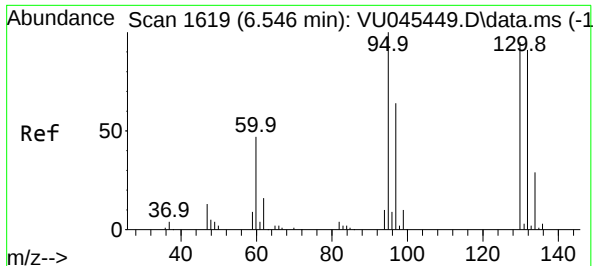
Tgt Ion: 41	Resp: 1352
Ion Ratio	Lower Upper
41 100	
39 32.5	43.4 65.0#
67 0.0	61.0 91.4#
52 0.0	23.4 35.0#



#43
Isopropyl Acetate
Concen: 0.582 ug/l
RT: 5.973 min Scan# 1441
Delta R.T. 0.061 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion: 43	Resp: 4448
Ion Ratio	Lower Upper
43 100	
61 0.0	16.9 25.3#
87 0.0	11.0 16.4#

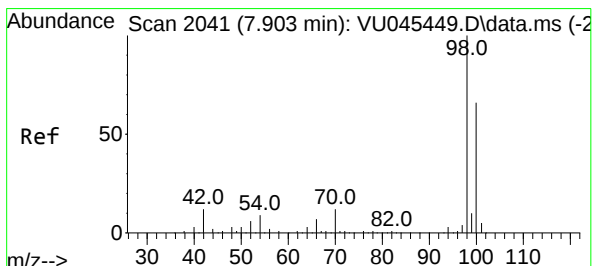
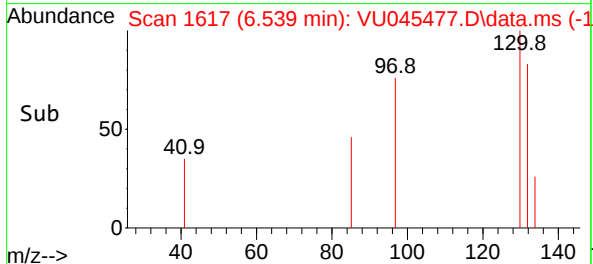
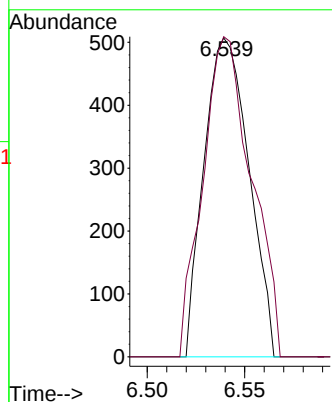
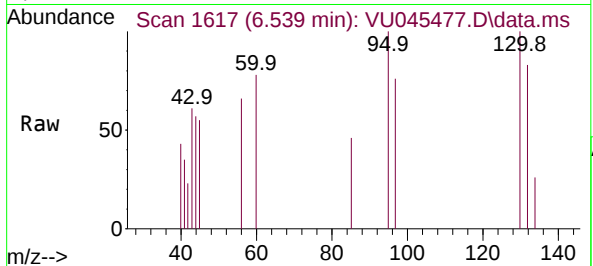




#44
Trichloroethene
Concen: 0.278 ug/l
RT: 6.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

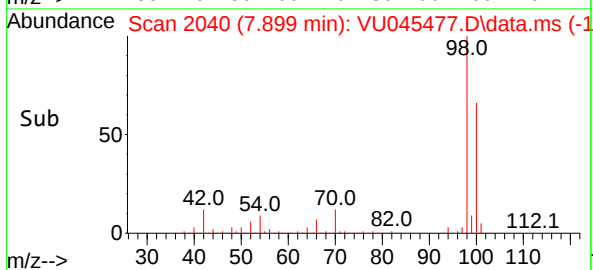
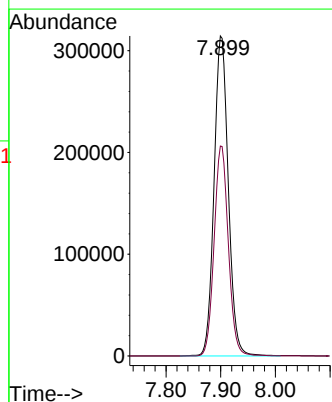
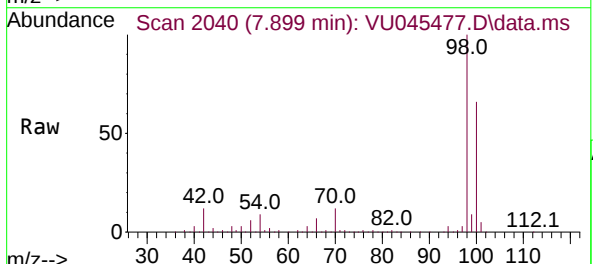
Instrument :
MSVOA_U
ClientSampleId :

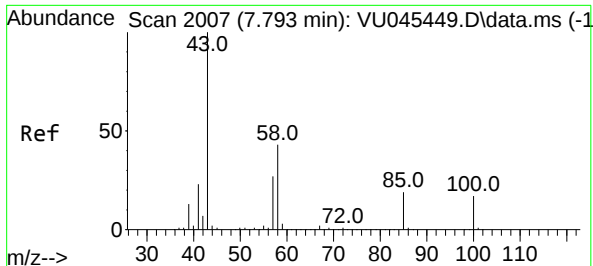
Tgt Ion:130 Resp: 812
Ion Ratio Lower Upper
130 100
95 100.4 0.0 211.4



#50
Toluene-d8
Concen: 51.833 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion: 98 Resp: 568398
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

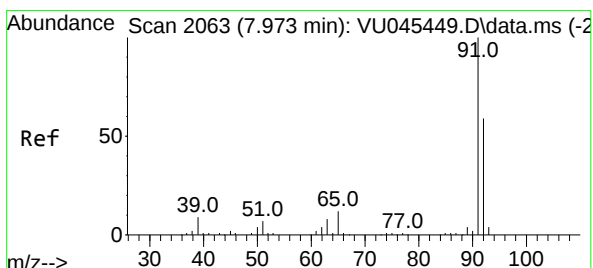
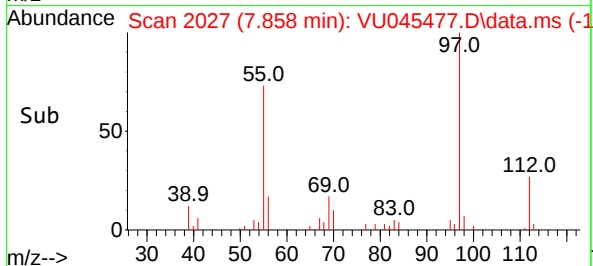
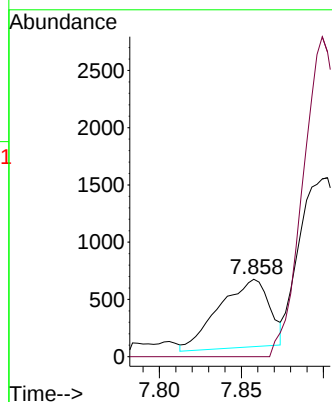
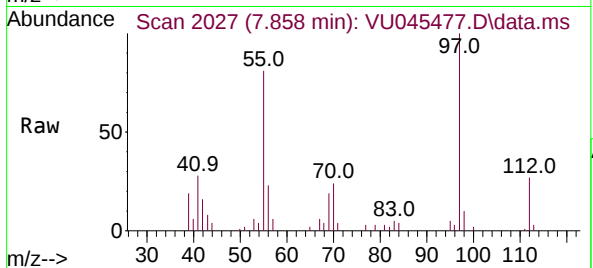




#51
4-Methyl-2-Pentanone
Concen: 0.257 ug/l
RT: 7.858 min Scan# 2007
Delta R.T. 0.064 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

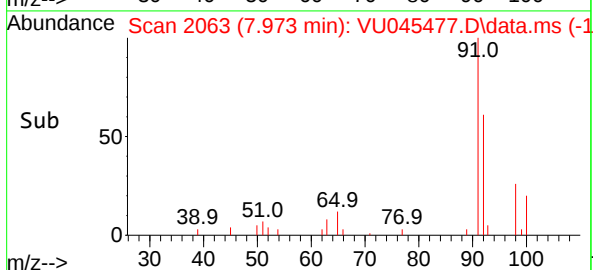
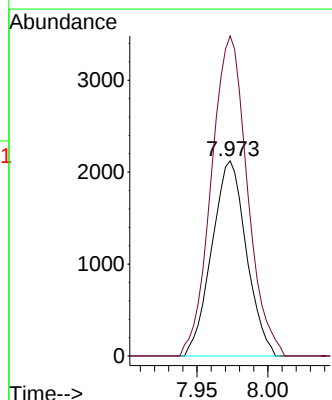
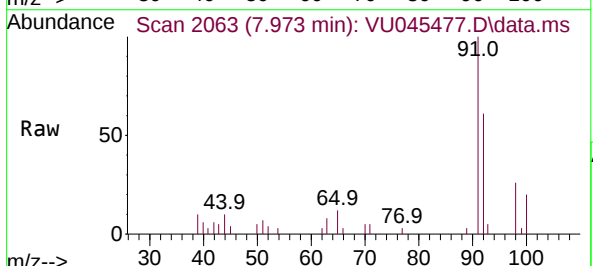
Instrument :
MSVOA_U
ClientSampleId :

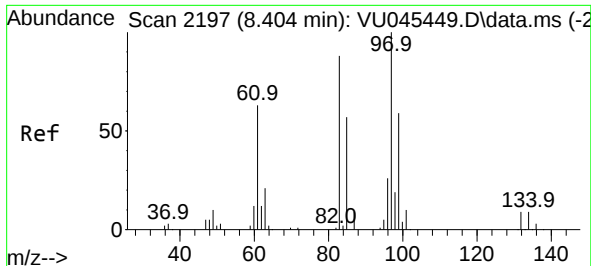
Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
58 0.0 33.8 50.8#



#52
Toluene
Concen: 0.469 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

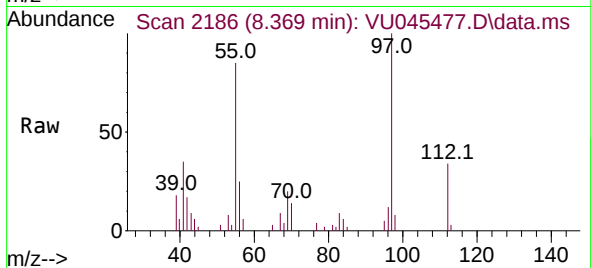
Tgt Ion: 92 Resp: 3596
Ion Ratio Lower Upper
92 100
91 171.0 135.6 203.4



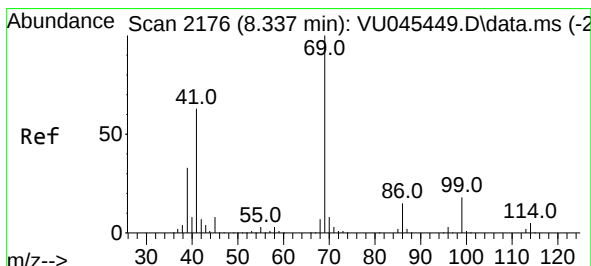
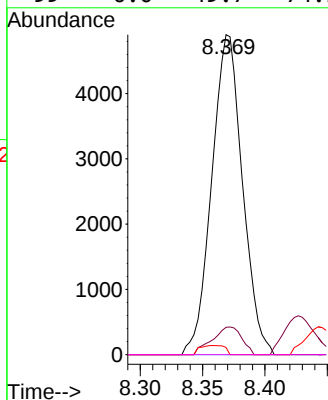
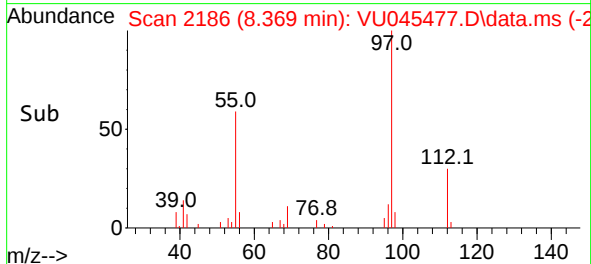


#55
1,1,2-Trichloroethane
Concen: 2.687 ug/l
RT: 8.369 min Scan# 2186
Delta R.T. -0.035 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Instrument :
MSVOA_U
ClientSampleId :

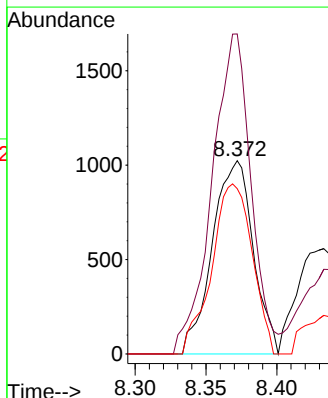
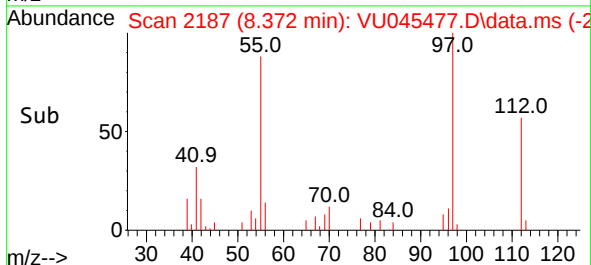
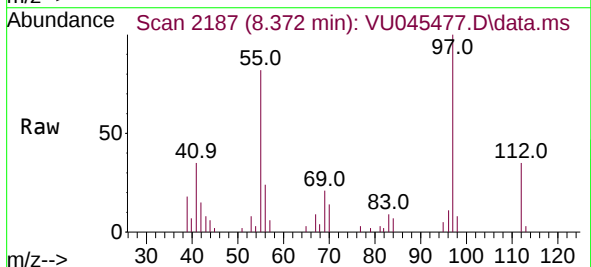


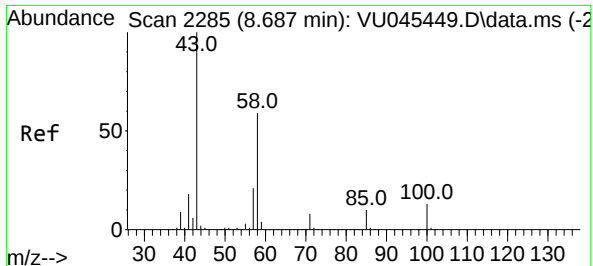
Tgt Ion: 97	Resp: 8408
Ion Ratio	Lower Upper
97 100	
83 8.5	70.3 105.5#
85 2.3	45.5 68.3#
99 0.0	49.7 74.5#



#56
Ethyl methacrylate
Concen: 1.988 ug/l
RT: 8.372 min Scan# 2187
Delta R.T. 0.035 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion: 69	Resp: 2052
Ion Ratio	Lower Upper
69 100	
41 157.8	51.0 76.4#
39 87.4	26.6 39.8#





#59

2-Hexanone

Concen: 2.690 ug/l

RT: 8.636 min Scan# 21

Delta R.T. -0.051 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

Instrument :

MSVOA_U

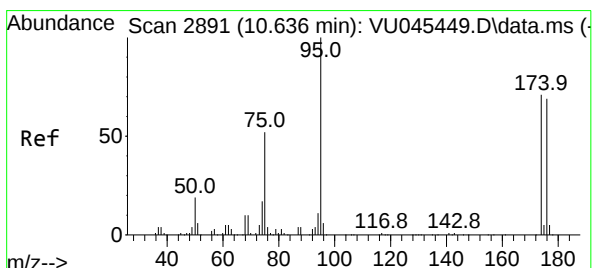
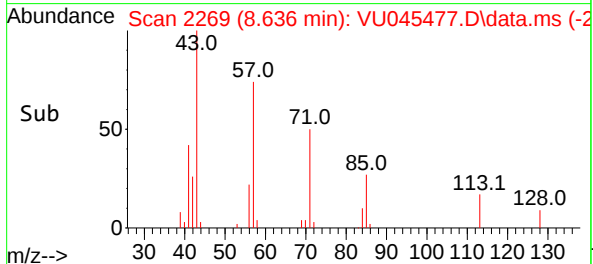
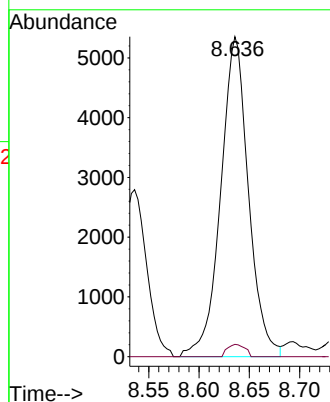
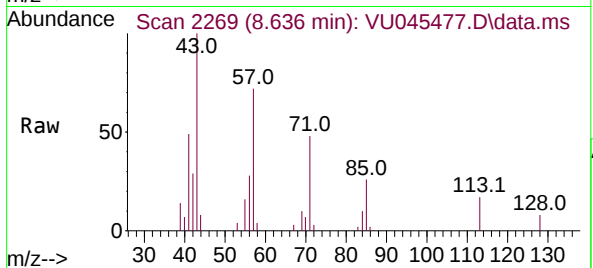
ClientSampleId :

Tgt Ion: 43 Resp: 10293

Ion Ratio Lower Upper

43 100

58 2.4 29.5 88.6#



#62

4-Bromofluorobenzene

Concen: 53.176 ug/l

RT: 10.642 min Scan# 2893

Delta R.T. 0.006 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

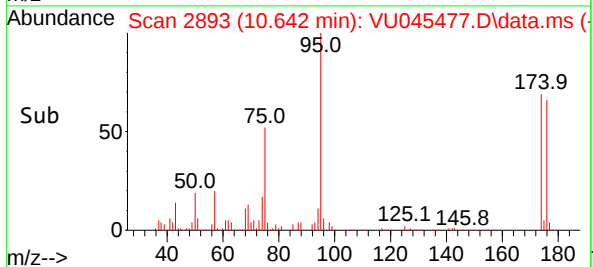
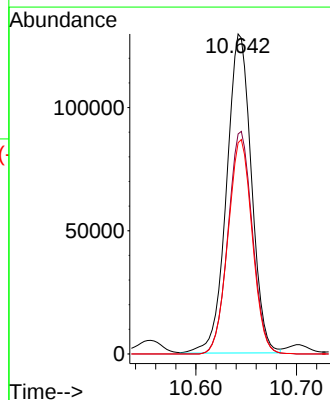
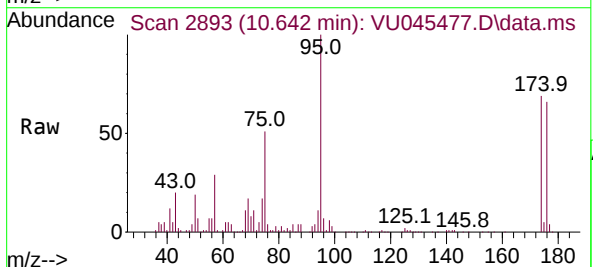
Tgt Ion: 95 Resp: 222206

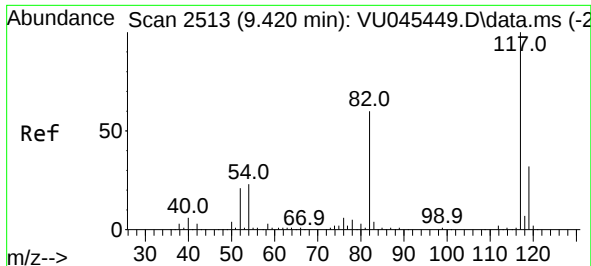
Ion Ratio Lower Upper

95 100

174 68.4 0.0 141.8

176 65.7 0.0 138.2

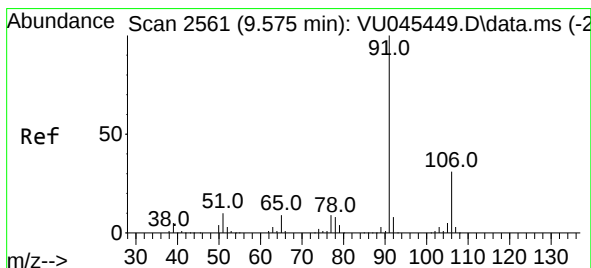
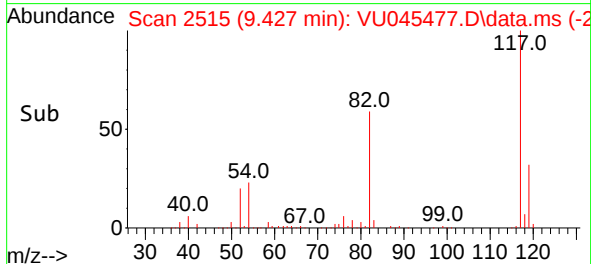
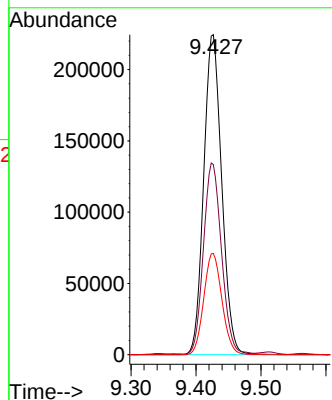
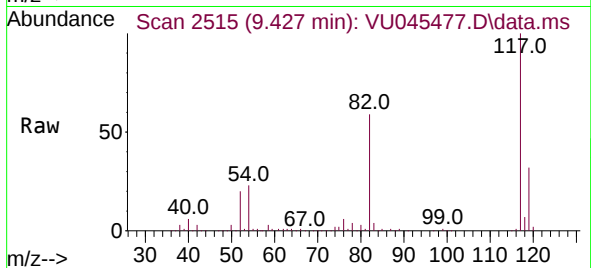




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.427 min Scan# 211
Delta R.T. 0.007 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

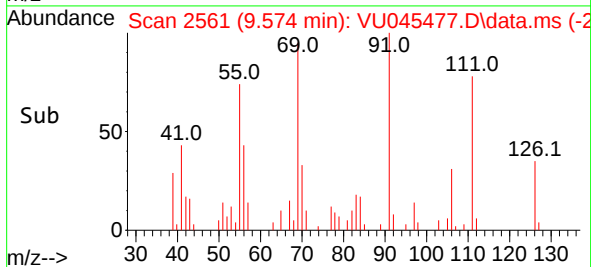
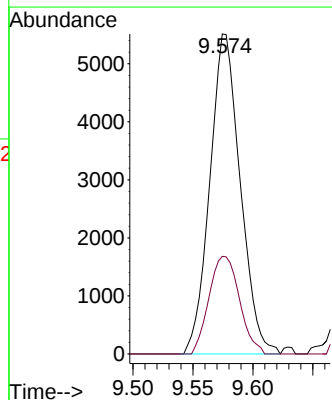
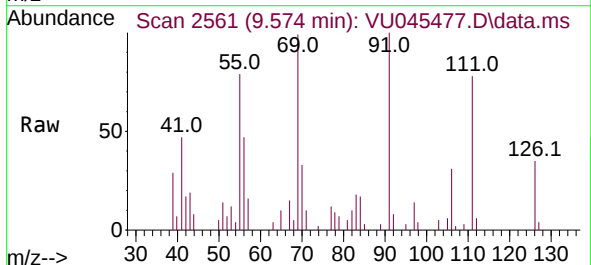
Instrument :
MSVOA_U
ClientSampleId :

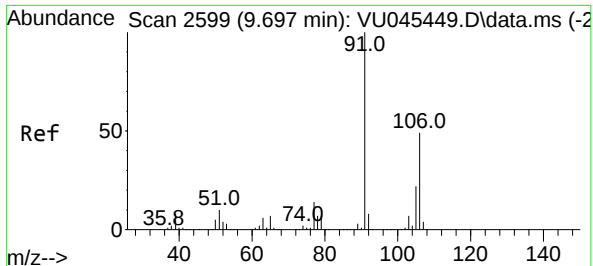
Tgt Ion:117 Resp: 432567
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.8
119 31.7 25.8 38.8



#67
Ethyl Benzene
Concen: 0.648 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion: 91 Resp: 9728
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8





#68

m/p-Xylenes

Concen: 4.982 ug/l

RT: 9.700 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

Instrument :

MSVOA_U

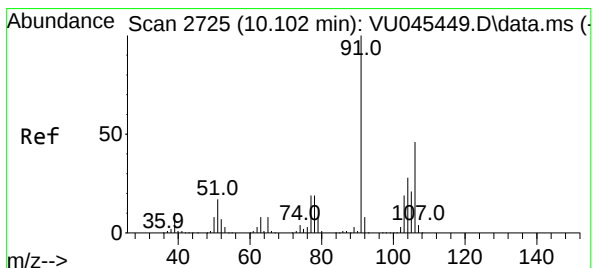
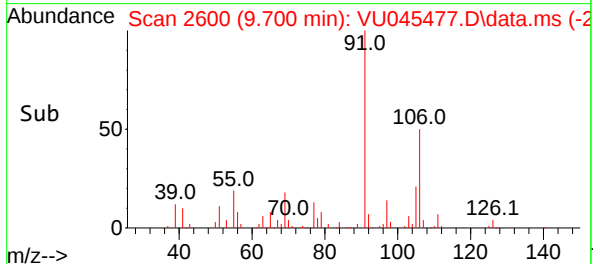
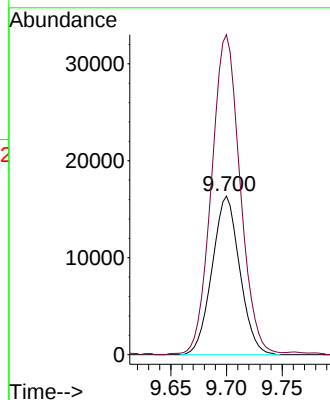
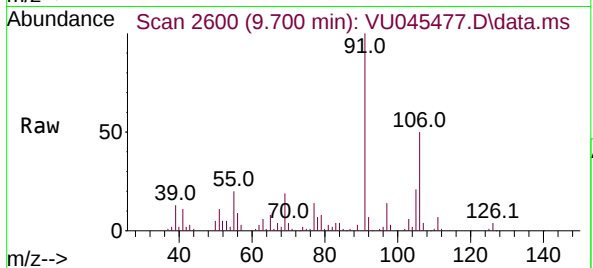
ClientSampleId :

Tgt Ion:106 Resp: 28253

Ion Ratio Lower Upper

106 100

91 209.2 164.7 247.1



#69

o-Xylene

Concen: 3.258 ug/l

RT: 10.108 min Scan# 2727

Delta R.T. 0.006 min

Lab File: VU045477.D

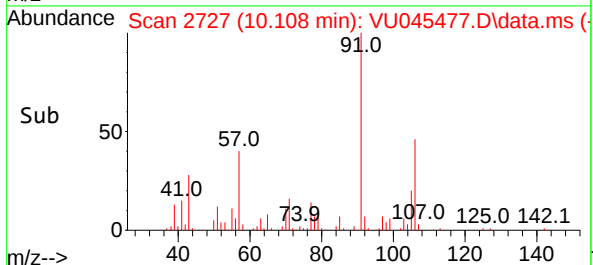
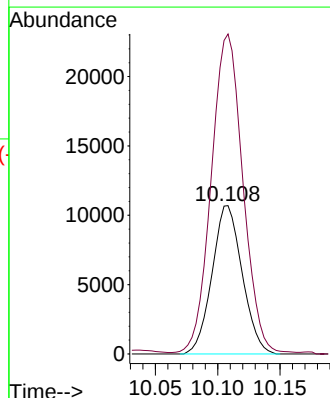
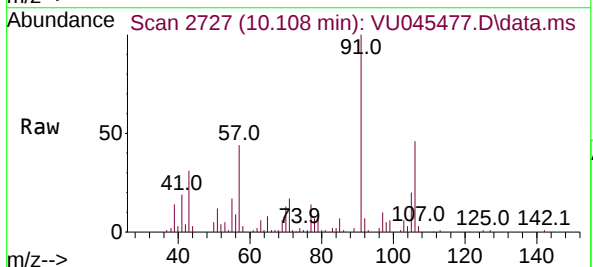
Acq: 29 Oct 2021 20:22

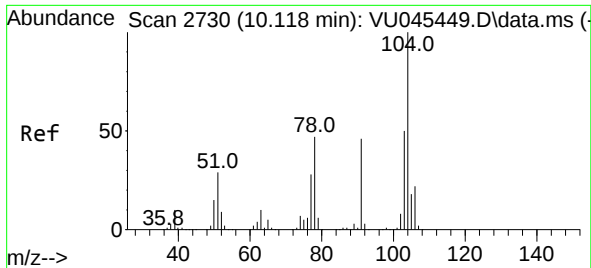
Tgt Ion:106 Resp: 18015

Ion Ratio Lower Upper

106 100

91 225.0 108.7 326.3

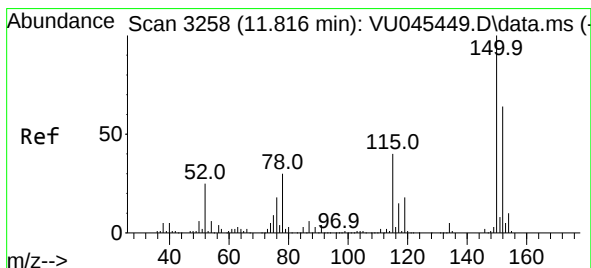
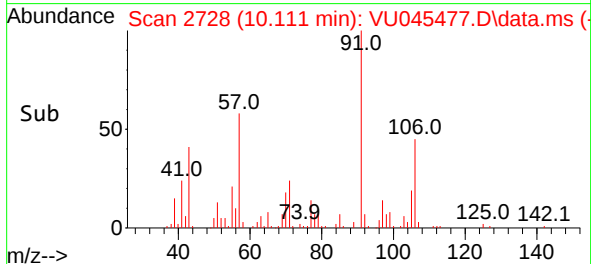
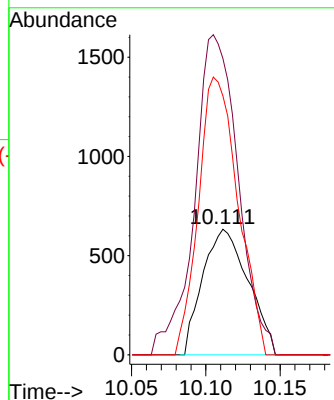
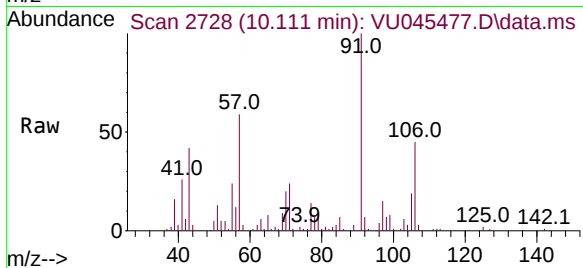




#70
Styrene
Concen: 1.106 ug/l
RT: 10.111 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

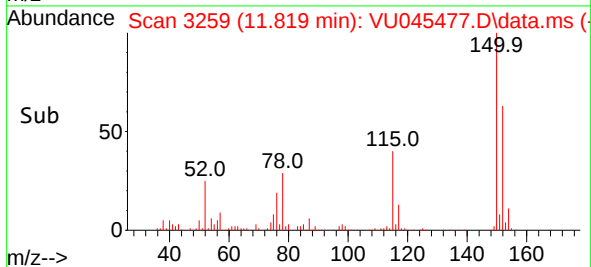
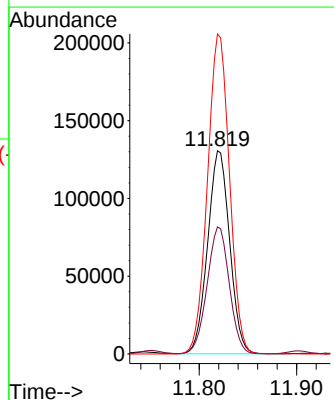
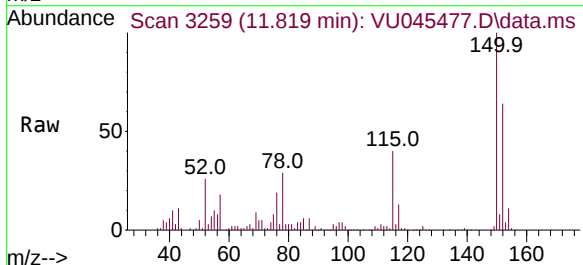
Instrument :
MSVOA_U
ClientSampleId :

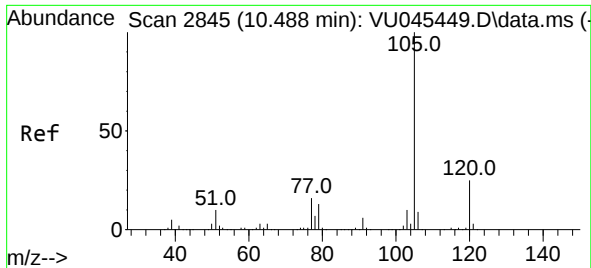
Tgt Ion:104 Resp: 1352
Ion Ratio Lower Upper
104 100
78 243.0 41.8 62.6#
103 191.8 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion:152 Resp: 204821
Ion Ratio Lower Upper
152 100
115 63.1 42.7 128.1
150 157.7 0.0 346.8

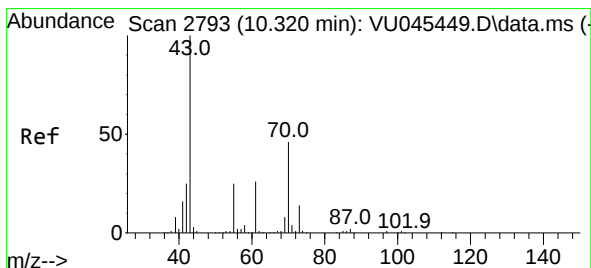
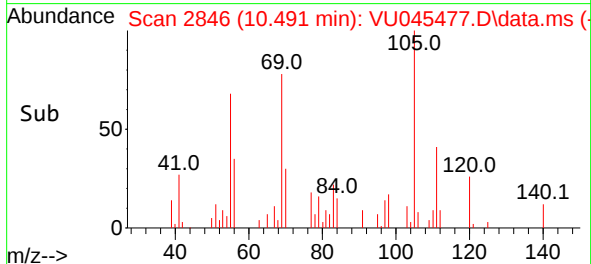
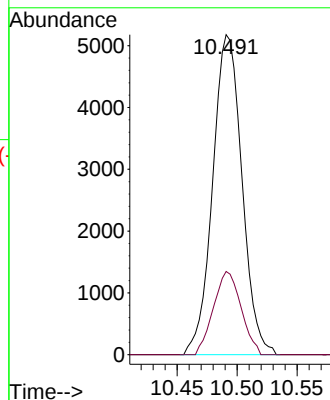
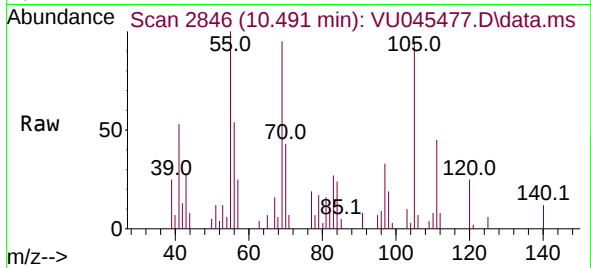




#73
Isopropylbenzene
Concen: 0.637 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

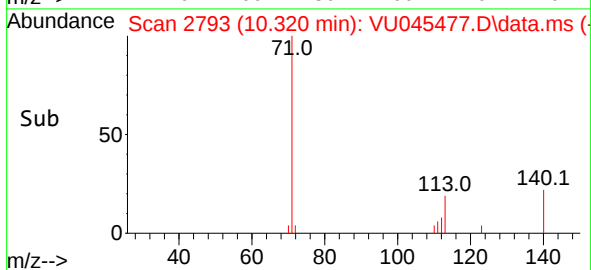
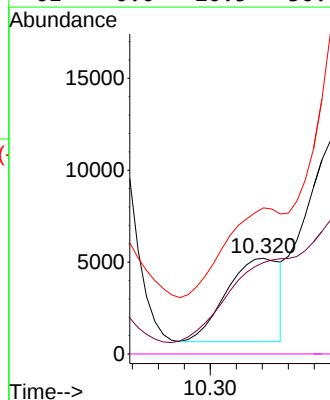
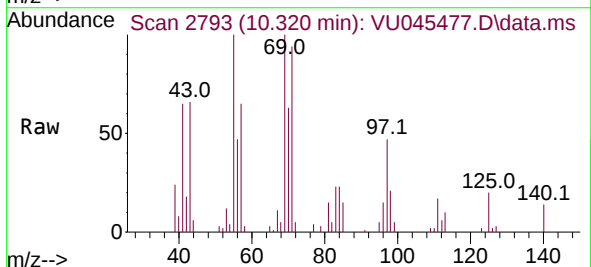
Instrument :
MSVOA_U
ClientSampleId :

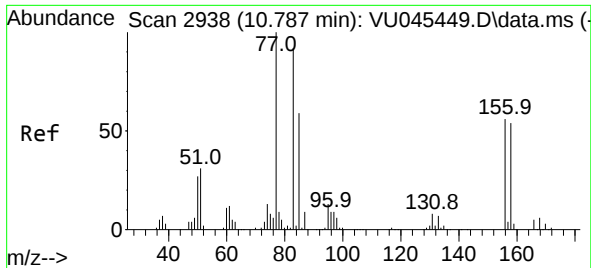
Tgt Ion:105 Resp: 8793
Ion Ratio Lower Upper
105 100
120 24.5 12.9 38.6



#74
N-ethyl acetate
Concen: 2.046 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion: 43 Resp: 6535
Ion Ratio Lower Upper
43 100
70 0.0 36.9 55.3#
55 108.9 20.6 31.0#
61 0.0 20.5 30.7#

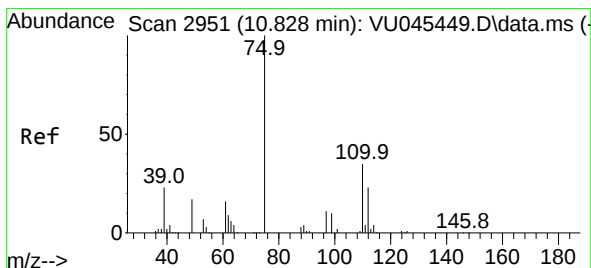
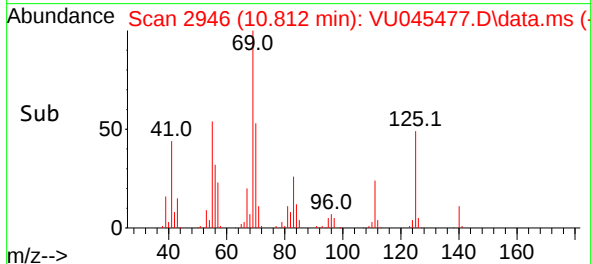
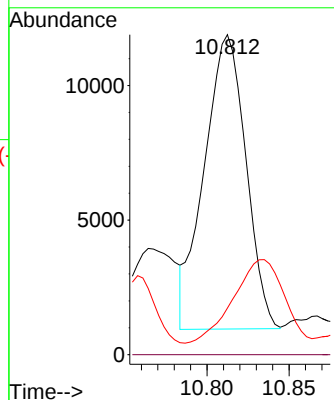
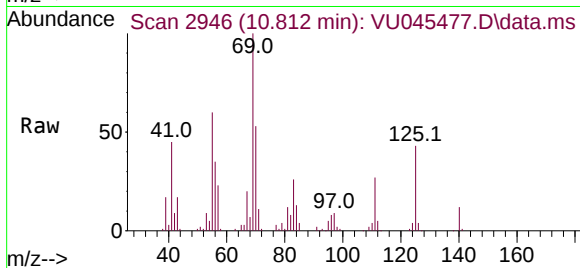




#75
 1,1,2,2-Tetrachloroethane
 Concen: 3.512 ug/l
 RT: 10.812 min Scan# 2893
 Delta R.T. 0.026 min
 Lab File: VU045477.D
 Acq: 29 Oct 2021 20:22

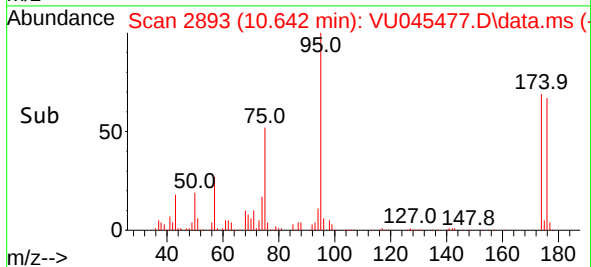
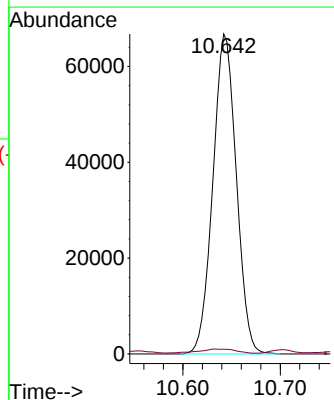
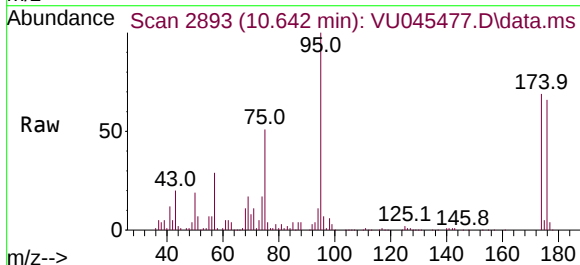
Instrument :
 MSVOA_U
 ClientSampleId :

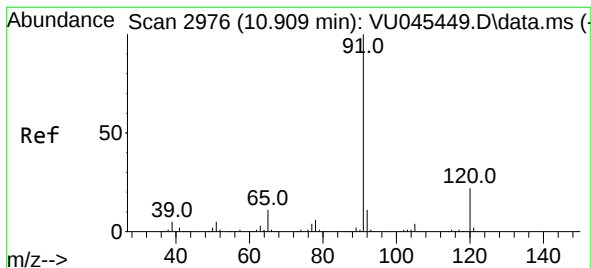
Tgt Ion: 83 Resp: 19250
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.4 13.2#
 85 0.0 31.9 95.9#



#76
 1,2,3-Trichloropropane
 Concen: 20.436 ug/l
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.187 min
 Lab File: VU045477.D
 Acq: 29 Oct 2021 20:22

Tgt Ion: 75 Resp: 111526
 Ion Ratio Lower Upper
 75 100
 77 2.0 17.1 51.3#





#78

n-propylbenzene

Concen: 1.199 ug/l

RT: 10.912 min Scan# 2976

Delta R.T. 0.003 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

Instrument :

MSVOA_U

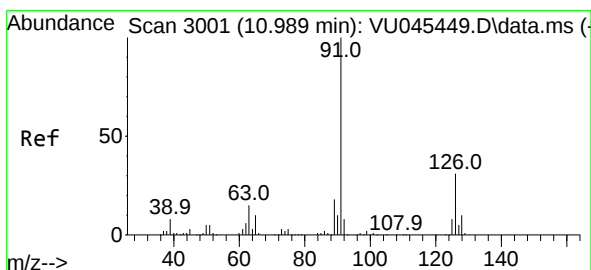
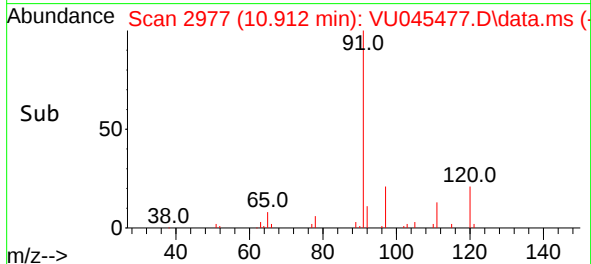
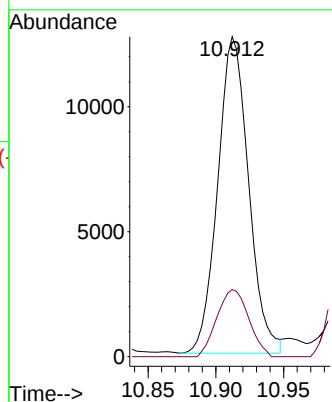
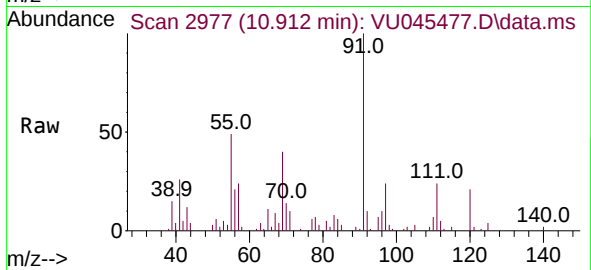
ClientSampleId :

Tgt Ion: 91 Resp: 20073

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.7



#79

2-Chlorotoluene

Concen: 0.587 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.106 min

Lab File: VU045477.D

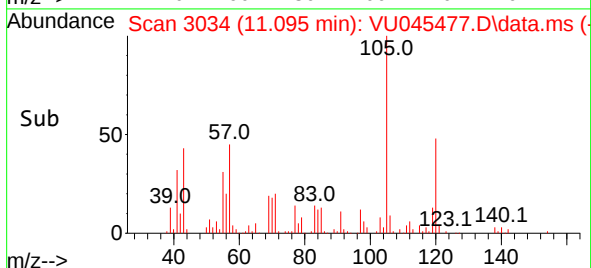
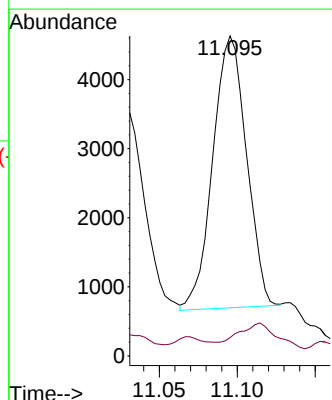
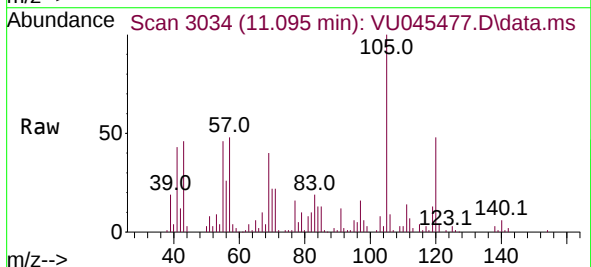
Acq: 29 Oct 2021 20:22

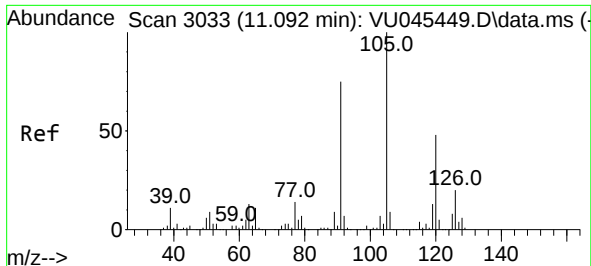
Tgt Ion: 91 Resp: 5919

Ion Ratio Lower Upper

91 100

126 16.3 15.6 46.8

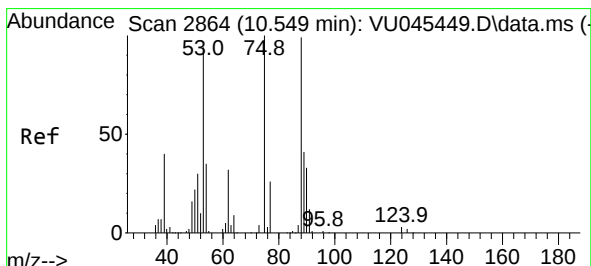
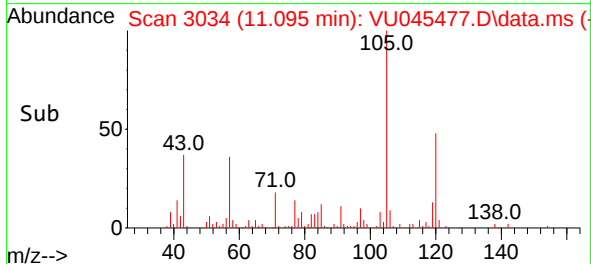
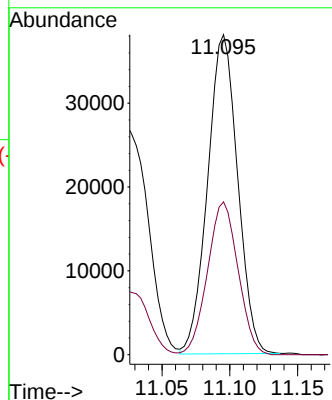
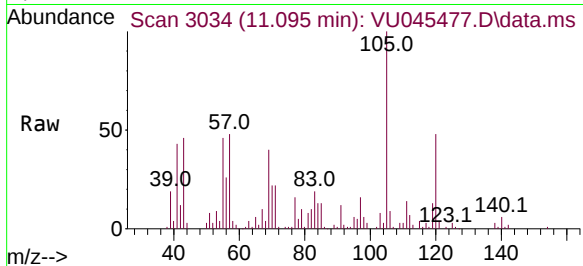




#80
1,3,5-Trimethylbenzene
Concen: 5.040 ug/l
RT: 11.095 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

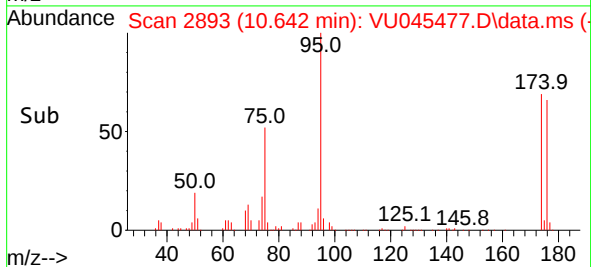
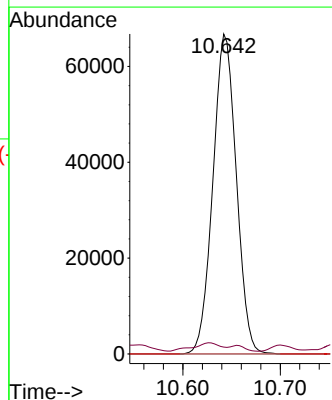
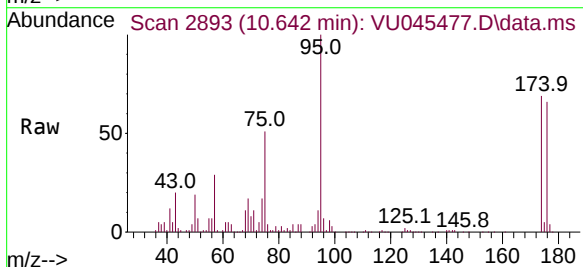
Instrument :
MSVOA_U
ClientSampleId :

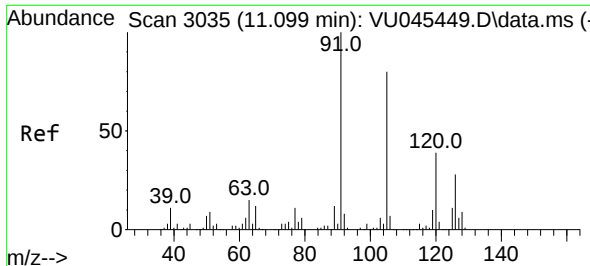
Tgt Ion:105 Resp: 58573
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.8



#81
trans-1,4-Dichloro-2-butene
Concen: 56.704 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.093 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion: 75 Resp: 111526
Ion Ratio Lower Upper
75 100
53 1.1 76.2 114.4#
89 0.0 34.0 51.0#

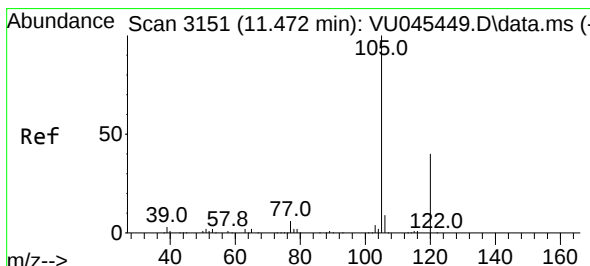
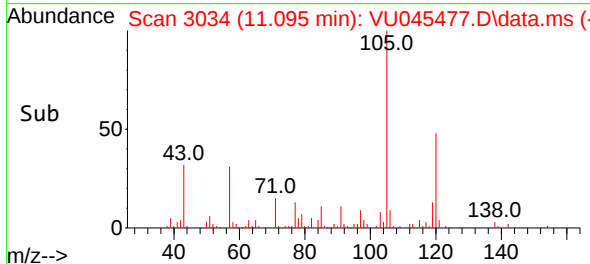
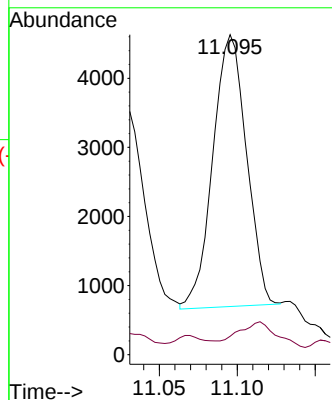
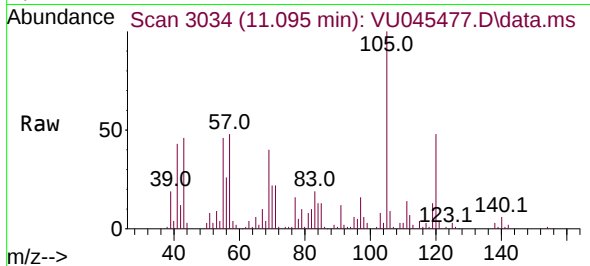




#82
4-Chlorotoluene
Concen: 0.516 ug/l
RT: 11.095 min Scan# 3035
Delta R.T. -0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

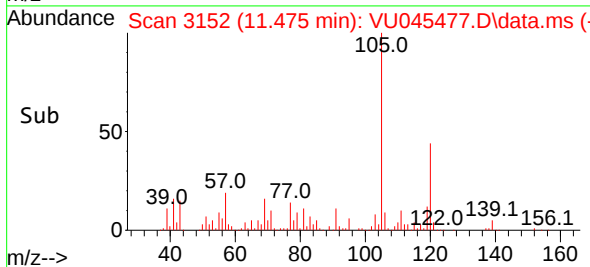
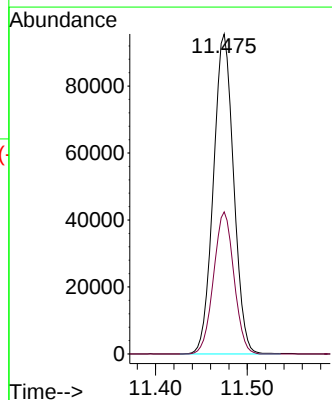
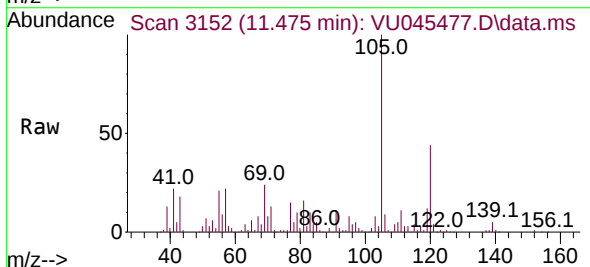
Instrument :
MSVOA_U
ClientSampleId :

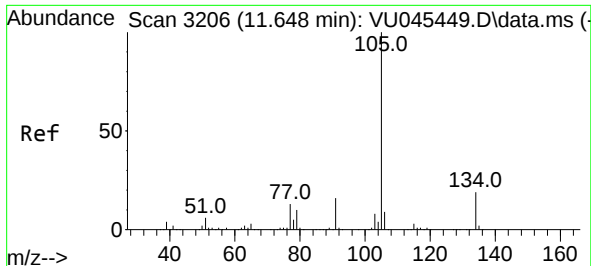
Tgt Ion: 91 Resp: 5919
Ion Ratio Lower Upper
91 100
126 16.3 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 12.582 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

Tgt Ion:105 Resp: 146504
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6

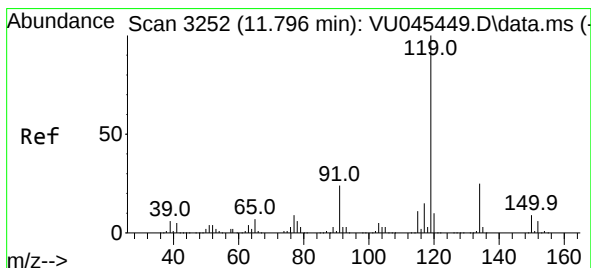
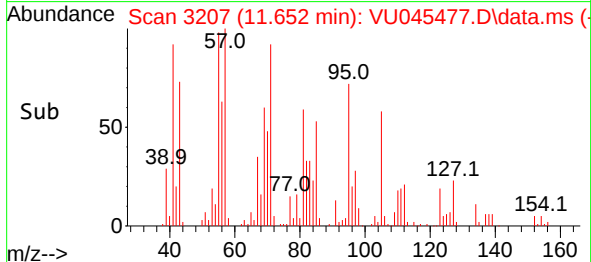
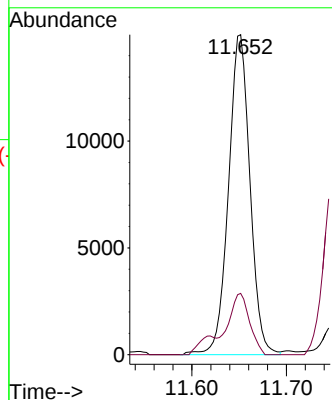
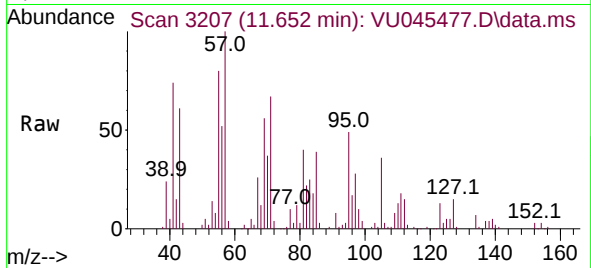




#85
 sec-Butylbenzene
 Concen: 1.607 ug/l
 RT: 11.652 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045477.D
 Acq: 29 Oct 2021 20:22

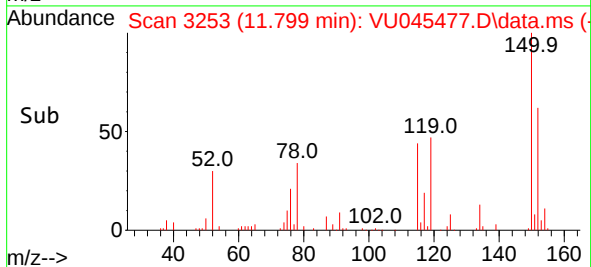
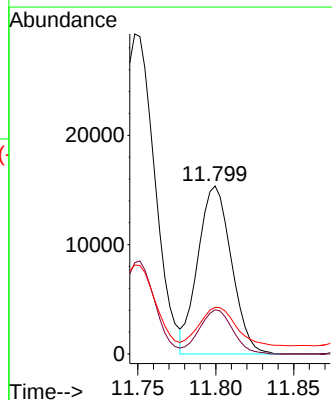
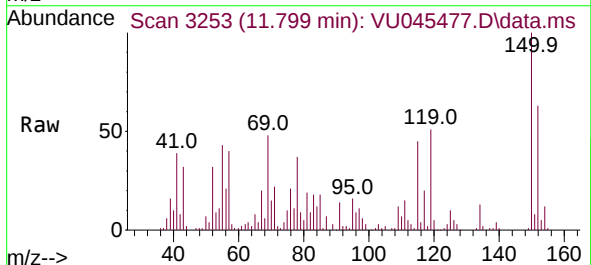
Instrument :
 MSVOA_U
 ClientSampleId :

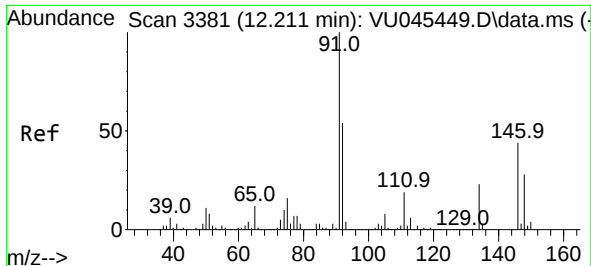
Tgt Ion:105 Resp: 23658
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 1.943 ug/l
 RT: 11.799 min Scan# 3253
 Delta R.T. 0.003 min
 Lab File: VU045477.D
 Acq: 29 Oct 2021 20:22

Tgt Ion:119 Resp: 22975
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.1
 91 25.4 12.2 36.4





#89

n-Butylbenzene

Concen: 5.264 ug/l

RT: 12.201 min Scan# 31

Delta R.T. -0.010 min

Lab File: VU045477.D

Acq: 29 Oct 2021 20:22

Instrument :

MSVOA_U

ClientSampleId :

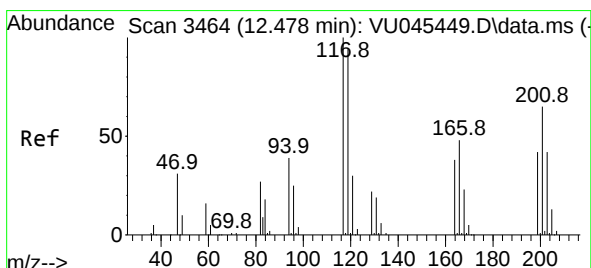
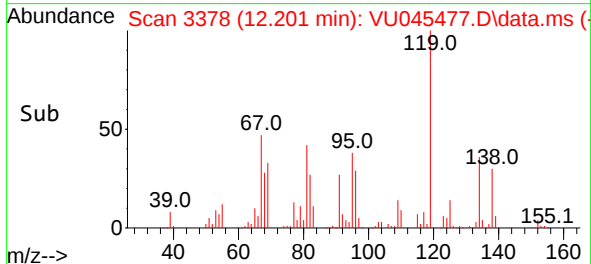
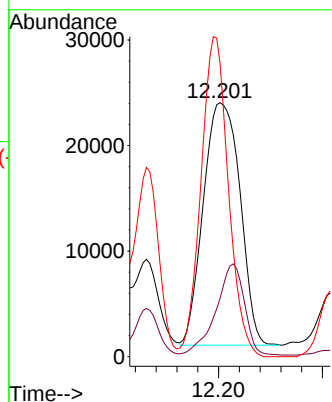
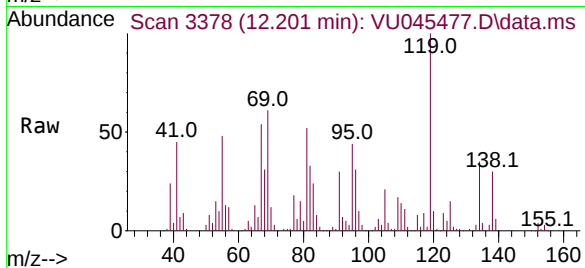
Tgt Ion: 91 Resp: 56268

Ion Ratio Lower Upper

91 100

92 30.1 27.1 81.2

134 98.9 11.8 35.4#



#90

Hexachloroethane

Concen: 2.532 ug/l

RT: 12.471 min Scan# 3462

Delta R.T. -0.006 min

Lab File: VU045477.D

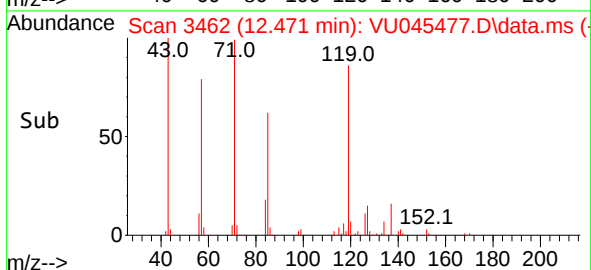
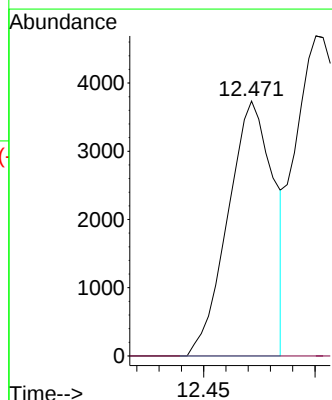
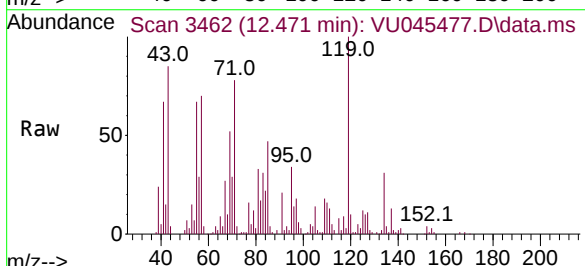
Acq: 29 Oct 2021 20:22

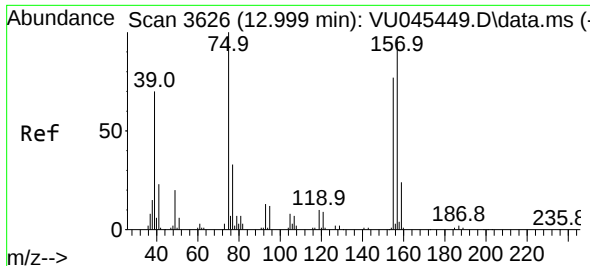
Tgt Ion: 117 Resp: 5321

Ion Ratio Lower Upper

117 100

201 0.0 33.8 101.4#

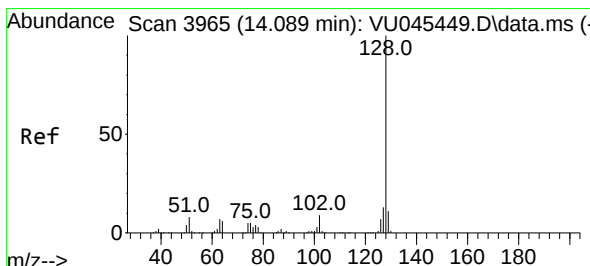
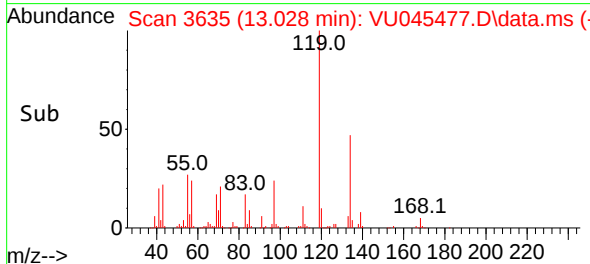
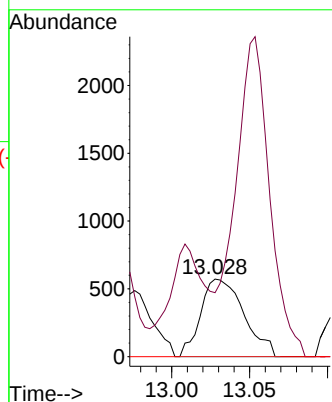
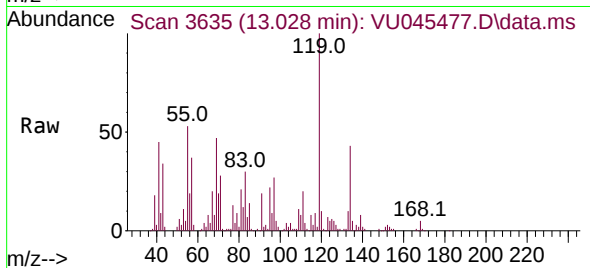




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.839 ug/l
RT: 13.028 min Scan# 3635
Delta R.T. 0.029 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

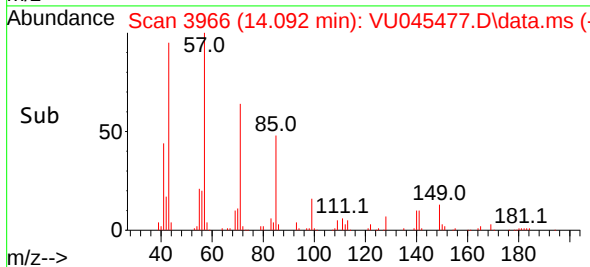
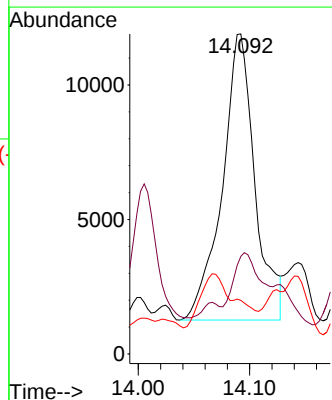
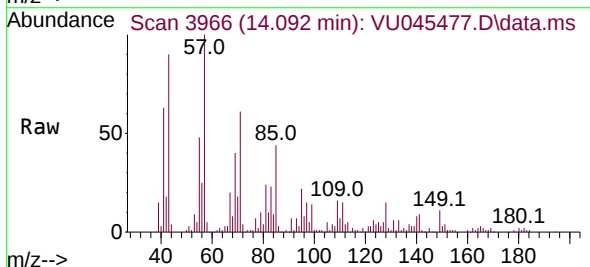
Instrument :
MSVOA_U
ClientSampleId :

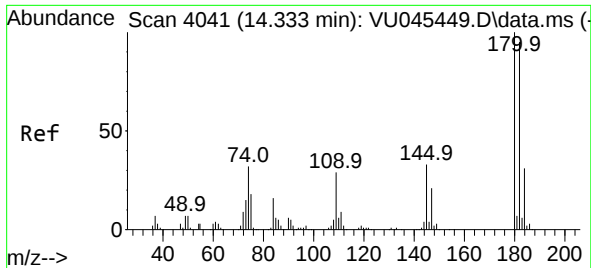
Tgt Ion: 75 Resp: 1104
Ion Ratio Lower Upper
75 100
155 121.6 37.8 113.3#
157 0.0 48.4 145.2#



#95
Naphthalene
Concen: 1.384 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045477.D
Acq: 29 Oct 2021 20:22

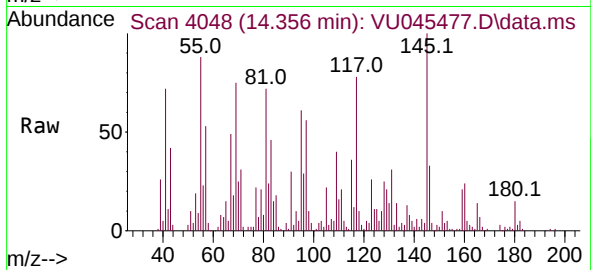
Tgt Ion:128 Resp: 21672
Ion Ratio Lower Upper
128 100
127 14.5 10.6 15.8
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.839 ug/l
 RT: 14.356 min Scan# 4041
 Delta R.T. 0.023 min
 Lab File: VU045477.D
 Acq: 29 Oct 2021 20:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 7899
 Ion Ratio Lower Upper
 180 100
 182 15.3 47.7 143.1#
 145 761.6 16.7 50.0#

