

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045490.D
 Acq On : 01 Nov 2021 16:37
 Operator : SY/MD
 Sample : VU1102WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1102WBL01

Quant Time: Nov 02 07:33:16 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)

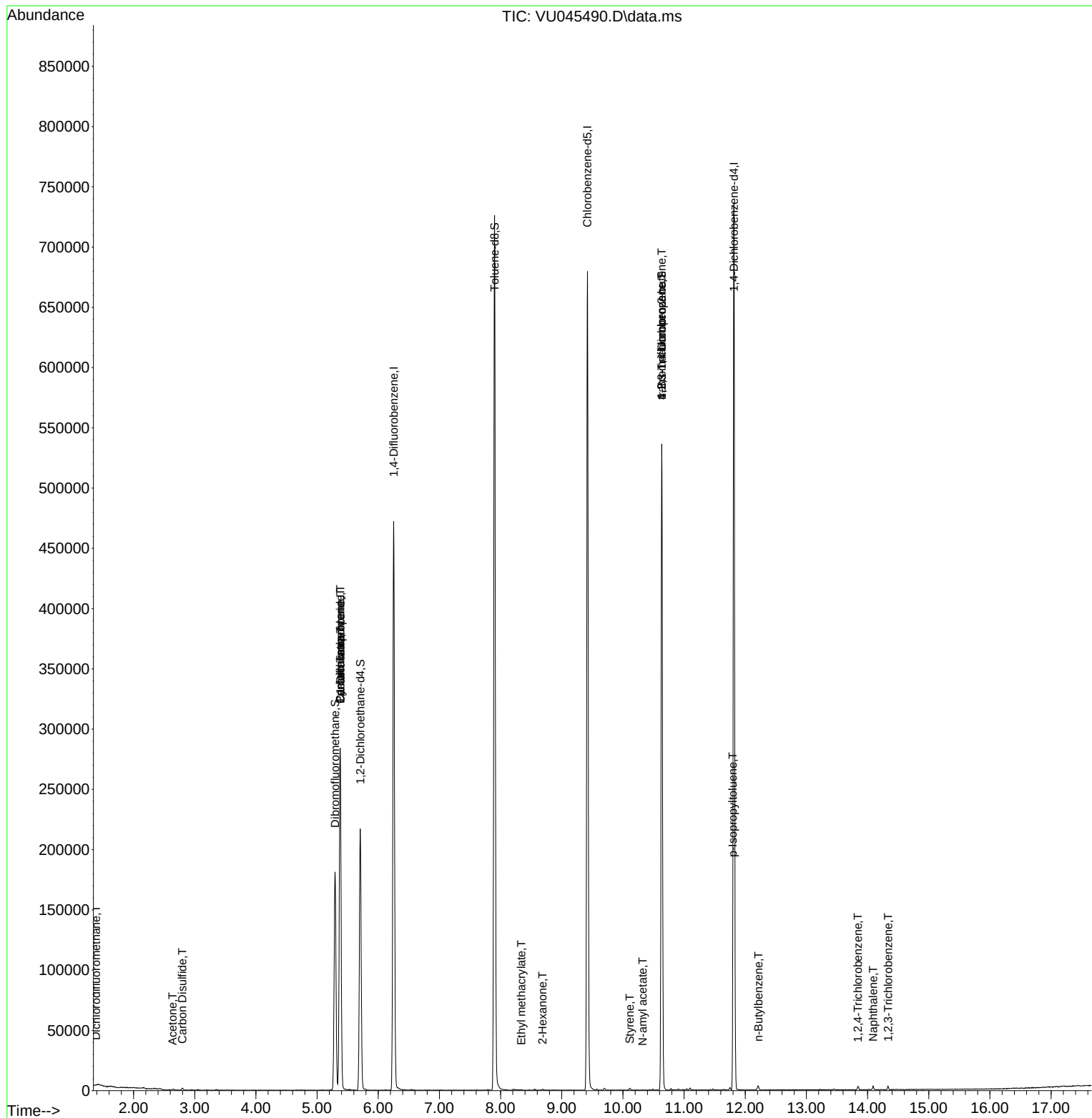
Internal Standards						
1) Pentafluorobenzene	5.378	168	190852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	379329	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	368434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	180101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	161334	51.924	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.840%
35) Dibromofluoromethane	5.295	113	119733	49.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.280%
50) Toluene-d8	7.902	98	484101	51.183	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.360%
62) 4-Bromofluorobenzene	10.635	95	184241	51.119	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	103	0.413	ug/l #	43
16) Acetone	2.639	43	1179	0.836	ug/l	94
17) Carbon Disulfide	2.797	76	2031	0.320	ug/l	97
31) Cyclohexane	5.378	56	4785	1.034	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	17808	4.932	ug/l #	49
38) Carbon Tetrachloride	5.378	117	19993	6.349	ug/l #	15
56) Ethyl methacrylate	8.340	69	65	1.654	ug/l #	26
59) 2-Hexanone	8.687	43	782	0.237	ug/l #	58
70) Styrene	10.115	104	707	1.056	ug/l #	77
74) N-amyl acetate	10.320	43	20	1.158	ug/l #	40
76) 1,2,3-Trichloropropane	10.635	75	95182	19.835	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	95182	55.116	ug/l #	12
86) p-Isopropyltoluene	11.796	119	570	0.237	ug/l #	1
89) n-Butylbenzene	12.214	91	1132	1.037	ug/l	90
93) 1,2,4-Trichlorobenzene	13.841	180	1159	0.309	ug/l	94
95) Naphthalene	14.092	128	2942	0.298	ug/l #	88
96) 1,2,3-Trichlorobenzene	14.336	180	1034	0.274	ug/l	93

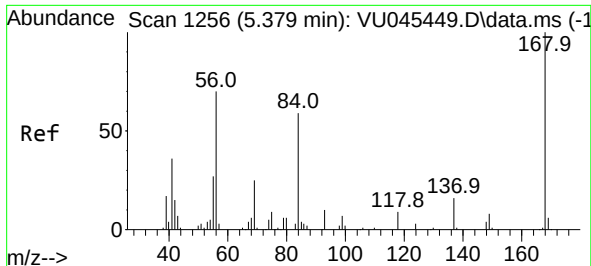
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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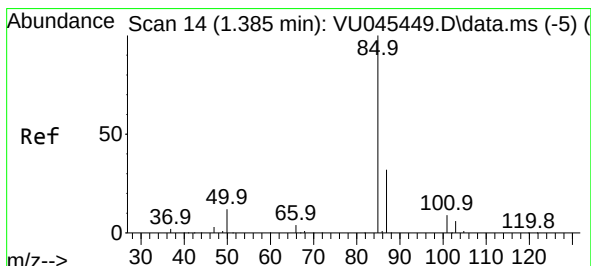
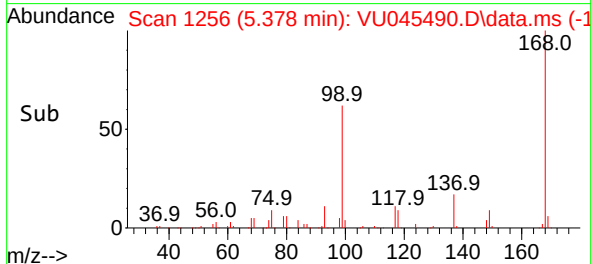
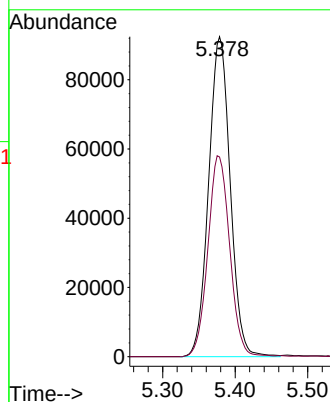
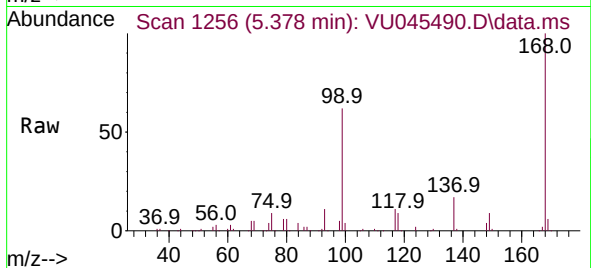




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

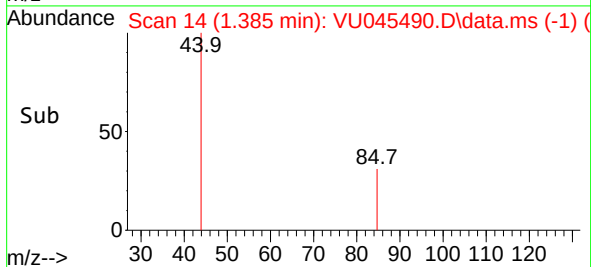
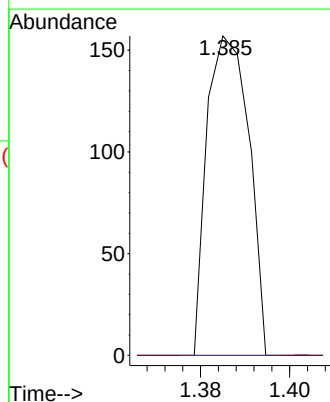
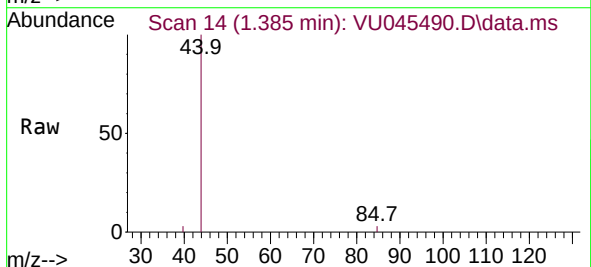
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBL01

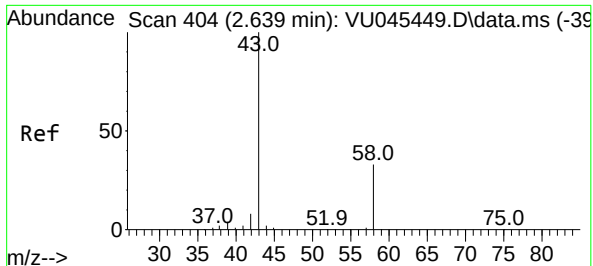
Tgt Ion:168 Resp: 190852
Ion Ratio Lower Upper
168 100
99 62.4 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 0.413 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

Tgt Ion: 85 Resp: 103
Ion Ratio Lower Upper
85 100
87 0.0 15.9 47.7#

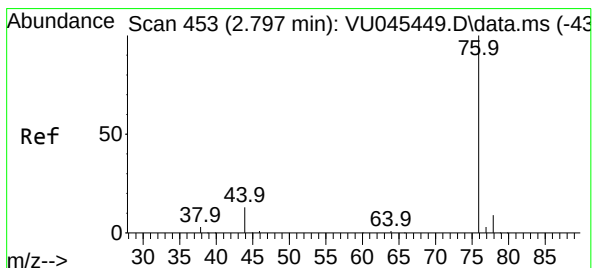
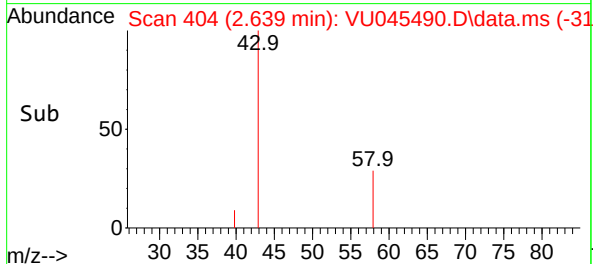
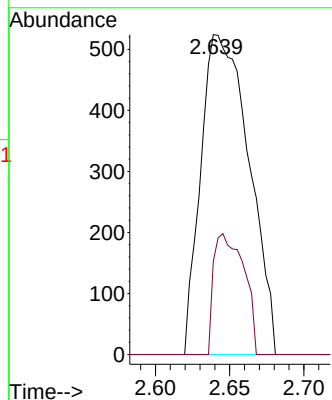
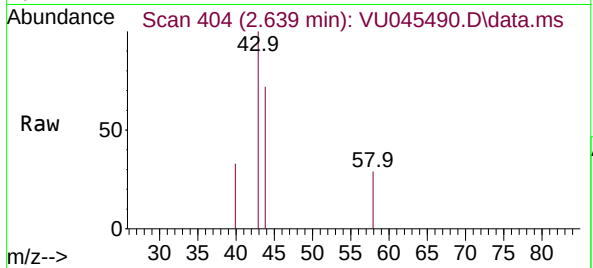




#16
Acetone
Concen: 0.836 ug/l
RT: 2.639 min Scan# 404
Delta R.T. -0.000 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

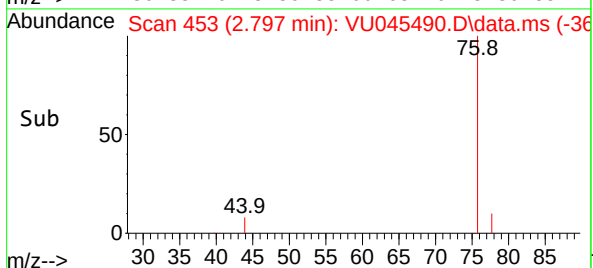
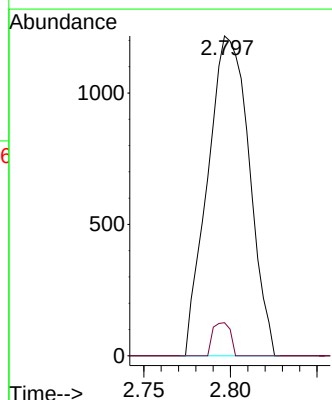
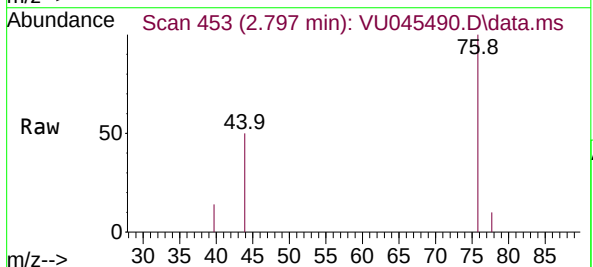
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBL01

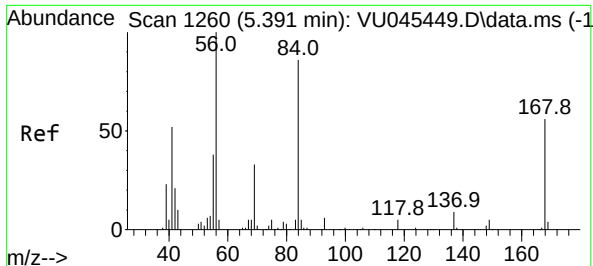
Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 29.2 26.2 39.2



#17
Carbon Disulfide
Concen: 0.320 ug/l
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

Tgt Ion: 76 Resp: 2031
Ion Ratio Lower Upper
76 100
78 10.4 7.3 10.9

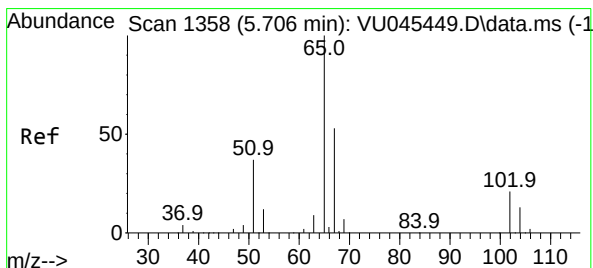
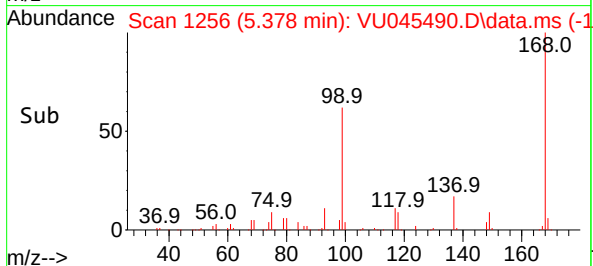
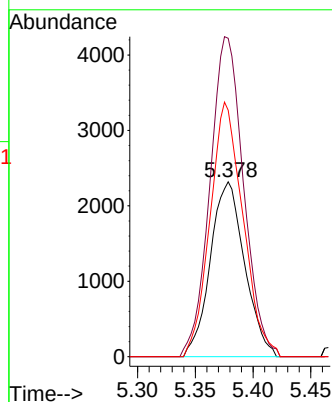
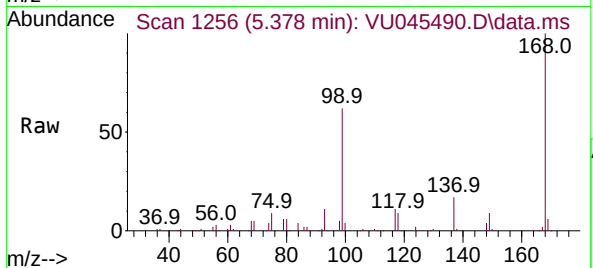




#31
Cyclohexane
Concen: 1.034 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

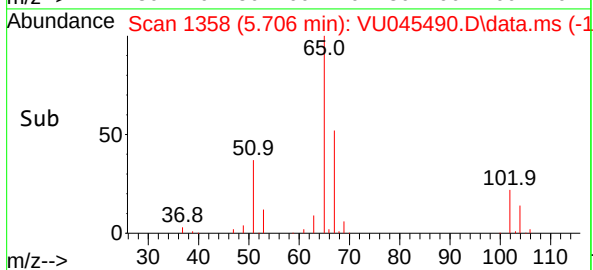
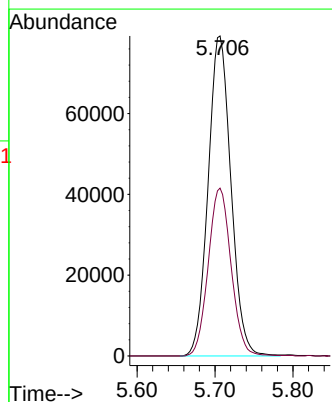
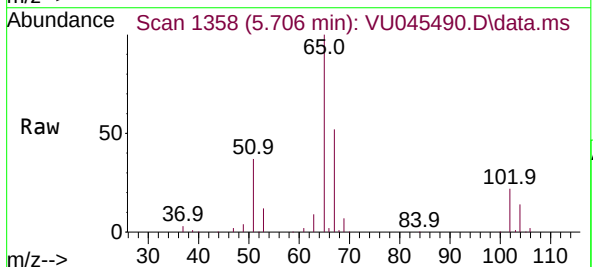
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBL01

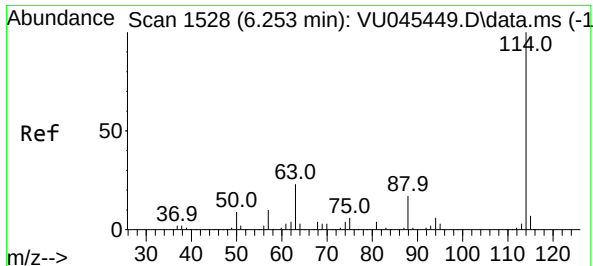
Tgt Ion: 56 Resp: 4785
Ion Ratio Lower Upper
56 100
69 182.1 26.4 39.6#
84 140.9 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 51.924 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

Tgt Ion: 65 Resp: 161334
Ion Ratio Lower Upper
65 100
67 52.5 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: VU045490.D

Acq: 01 Nov 2021 16:37

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBL01

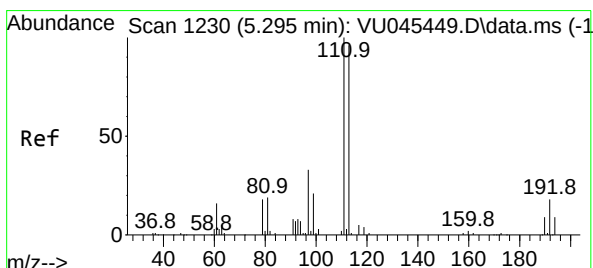
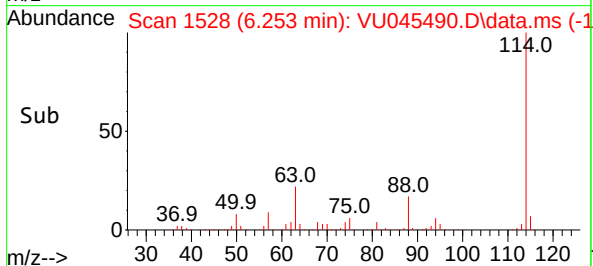
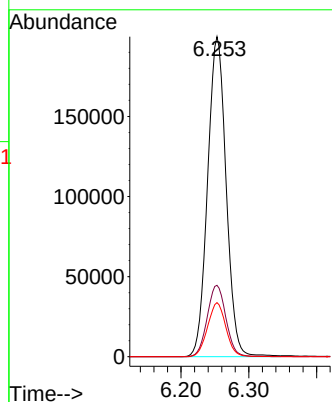
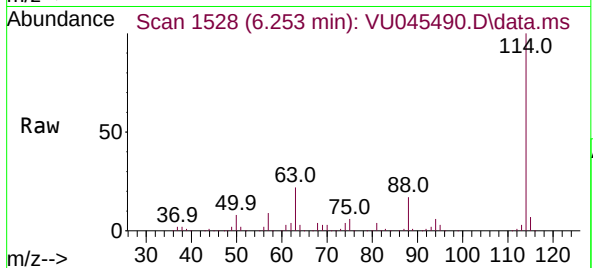
Tgt Ion:114 Resp: 379329

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 16.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.642 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VU045490.D

Acq: 01 Nov 2021 16:37

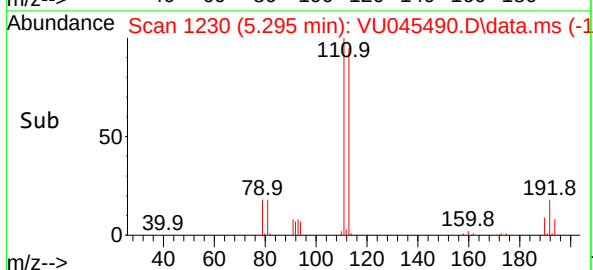
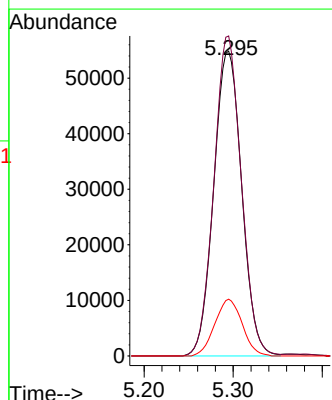
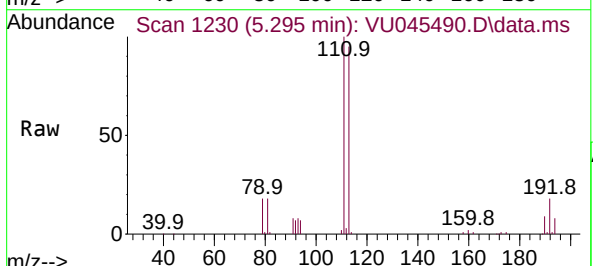
Tgt Ion:113 Resp: 119733

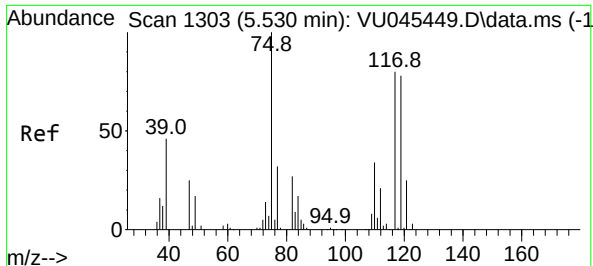
Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 18.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.932 ug/l

RT: 5.378 min Scan# 1

Delta R.T. -0.151 min

Lab File: VU045490.D

Acq: 01 Nov 2021 16:37

Instrument :

MSVOA_U

ClientSampleId :

VU1102WBL01

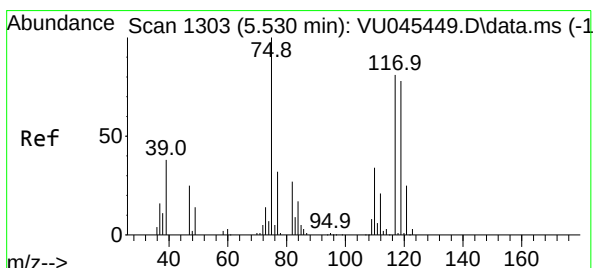
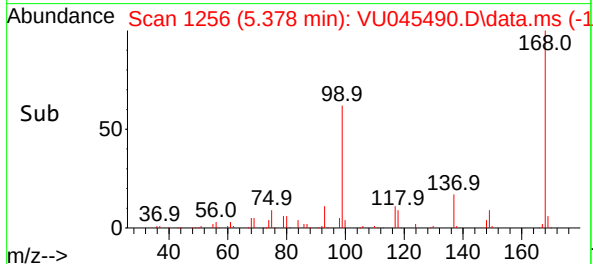
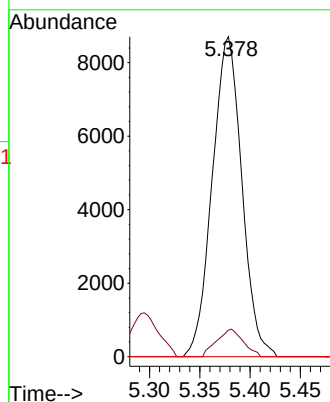
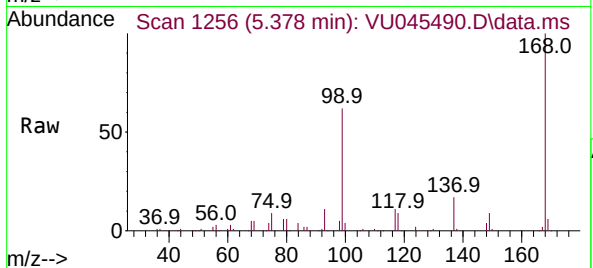
Tgt Ion: 75 Resp: 17808

Ion Ratio Lower Upper

75 100

110 7.7 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.349 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045490.D

Acq: 01 Nov 2021 16:37

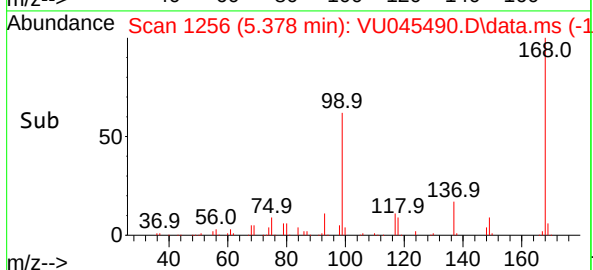
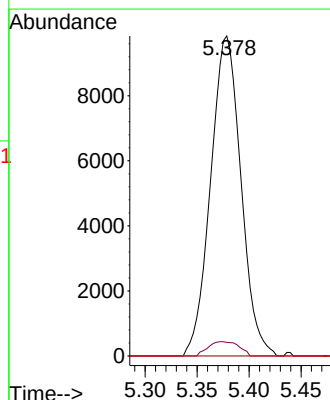
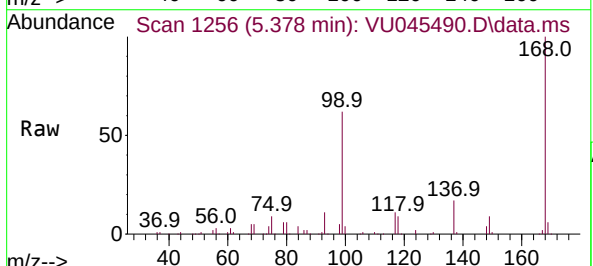
Tgt Ion: 117 Resp: 19993

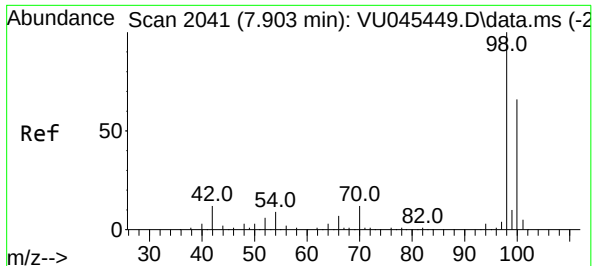
Ion Ratio Lower Upper

117 100

119 4.2 77.4 116.0#

121 0.0 24.8 37.2#

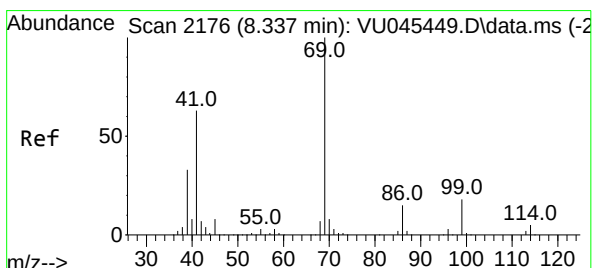
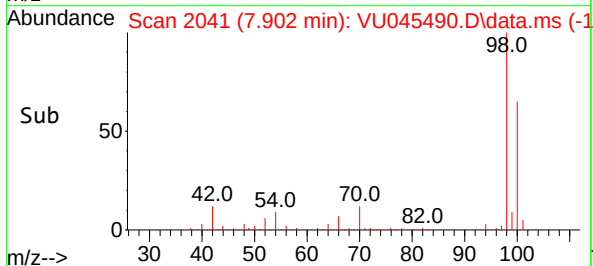
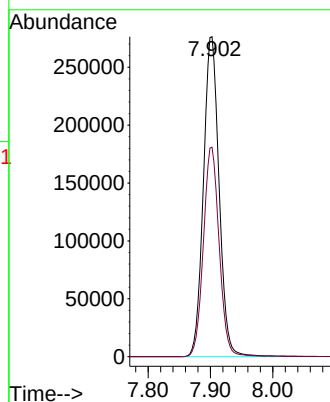
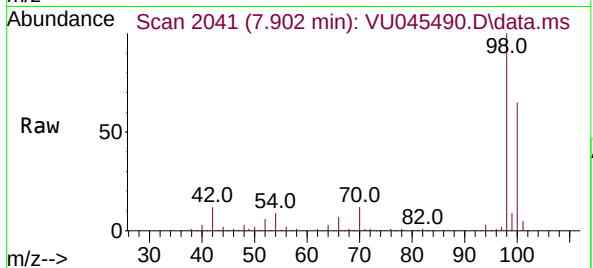




#50
Toluene-d8
Concen: 51.183 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

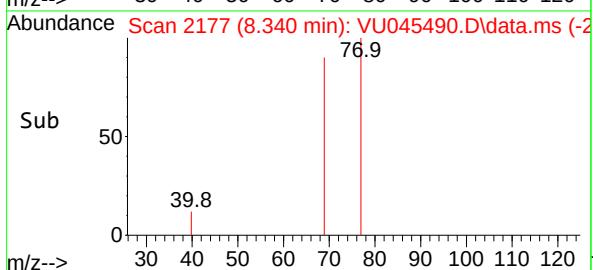
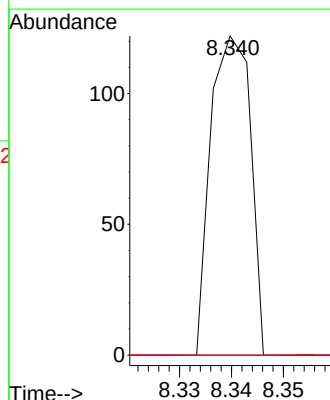
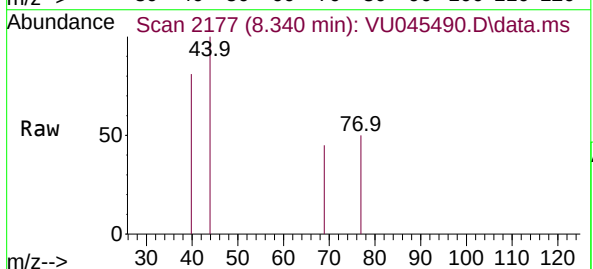
Instrument :
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ClientSampleId :
VU1102WBL01

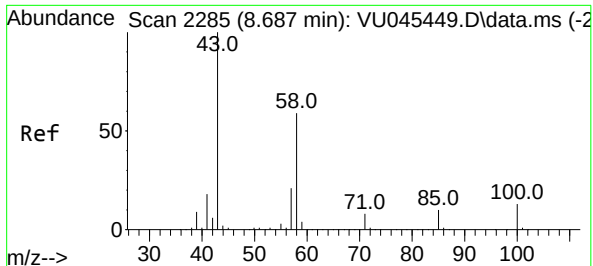
Tgt Ion: 98 Resp: 484101
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#56
Ethyl methacrylate
Concen: 1.654 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. 0.003 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

Tgt Ion: 69 Resp: 65
Ion Ratio Lower Upper
69 100
41 0.0 51.0 76.4#
39 0.0 26.6 39.8#





#59

2-Hexanone

Concen: 0.237 ug/l

RT: 8.687 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045490.D

Acq: 01 Nov 2021 16:37

Instrument :

MSVOA_U

ClientSampleId :

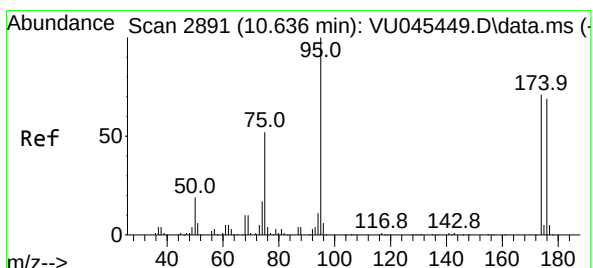
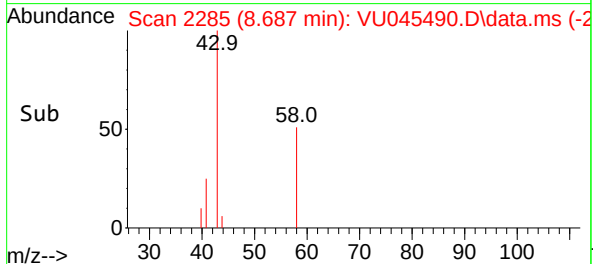
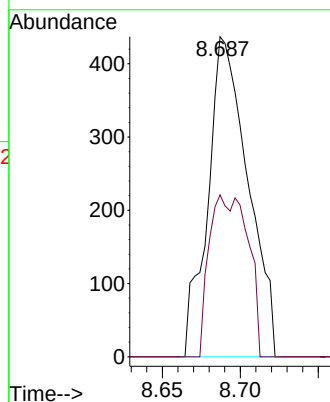
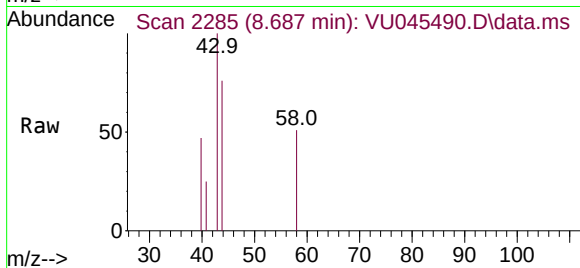
VU1102WBL01

Tgt Ion: 43 Resp: 782

Ion Ratio Lower Upper

43 100

58 27.4 29.5 88.6#



#62

4-Bromofluorobenzene

Concen: 51.119 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. -0.000 min

Lab File: VU045490.D

Acq: 01 Nov 2021 16:37

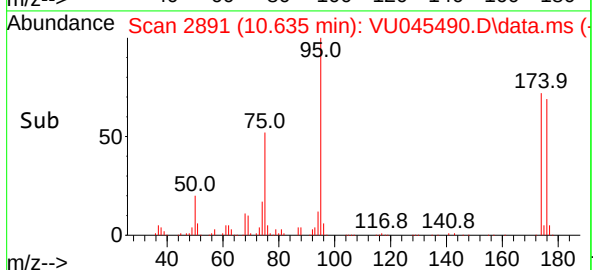
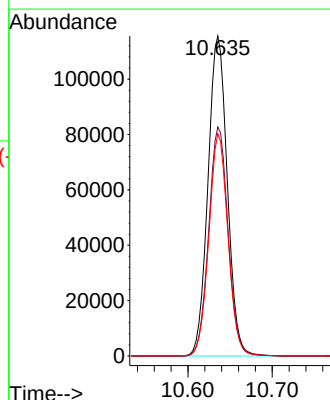
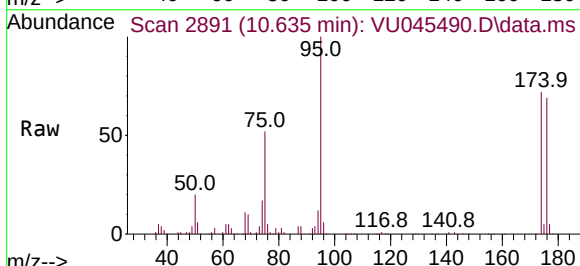
Tgt Ion: 95 Resp: 184241

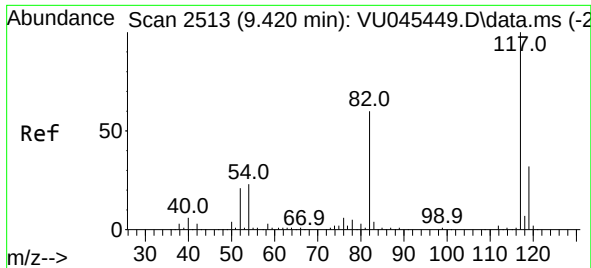
Ion Ratio Lower Upper

95 100

174 71.9 0.0 141.8

176 68.4 0.0 138.2

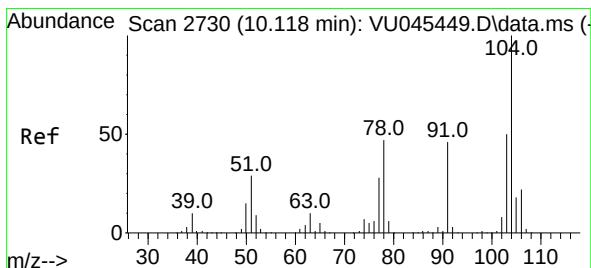
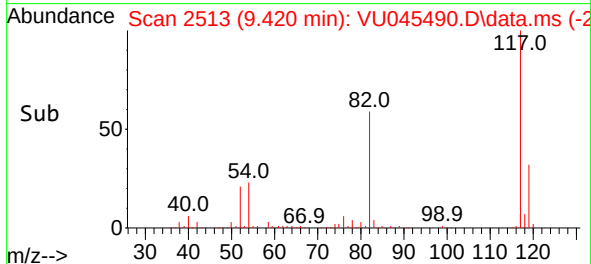
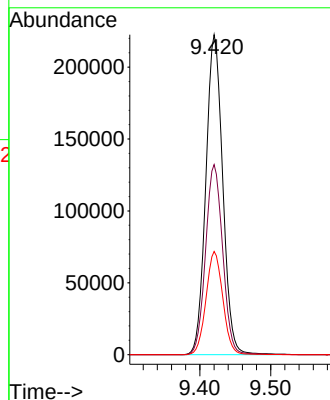
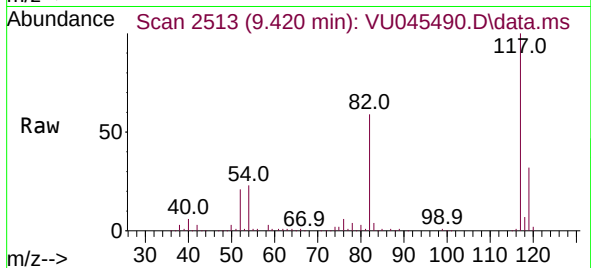




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

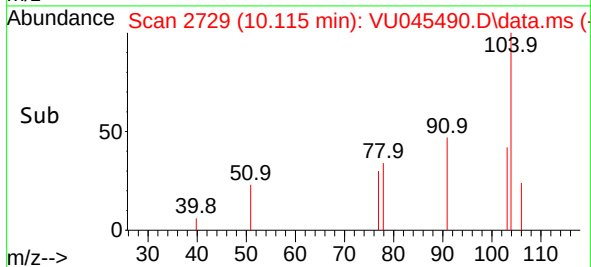
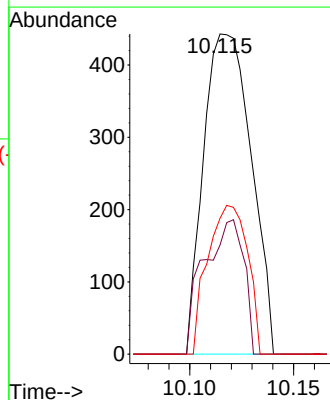
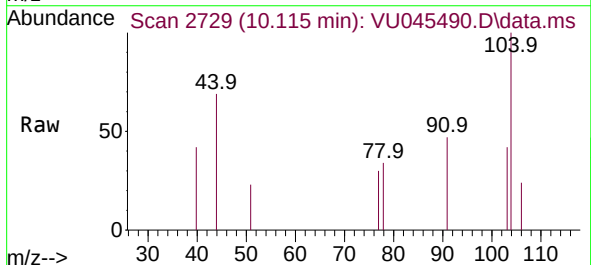
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBL01

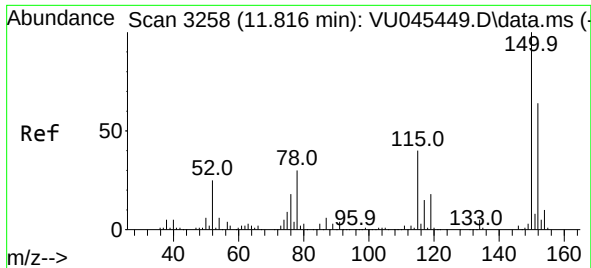
Tgt Ion:117 Resp: 368434
Ion Ratio Lower Upper
117 100
82 59.4 47.8 71.8
119 32.2 25.8 38.8



#70
Styrene
Concen: 1.056 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

Tgt Ion:104 Resp: 707
Ion Ratio Lower Upper
104 100
78 35.1 41.8 62.6#
103 38.9 43.8 65.6#

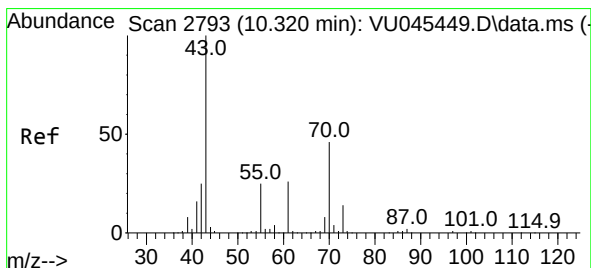
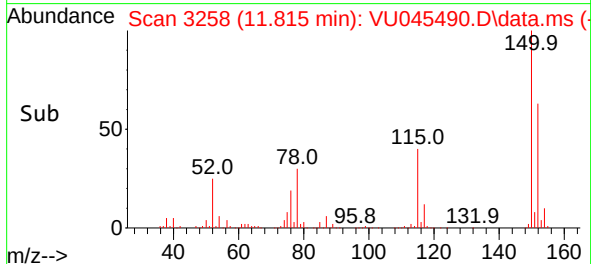
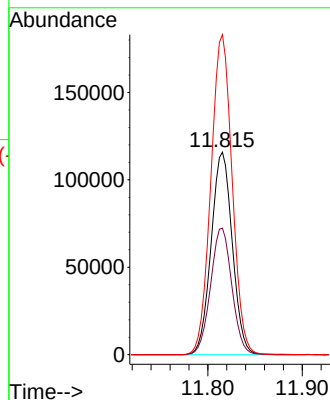
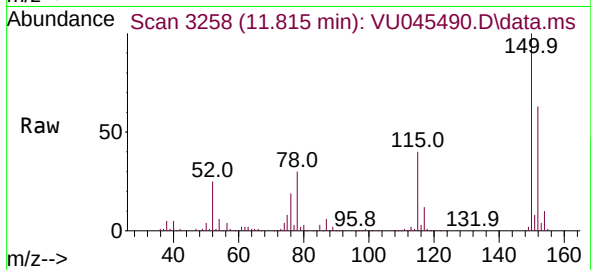




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU045490.D
 Acq: 01 Nov 2021 16:37

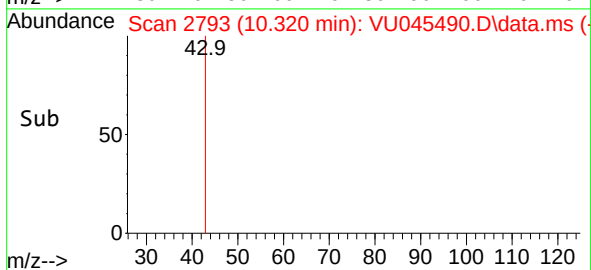
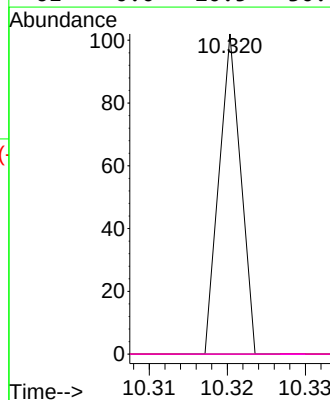
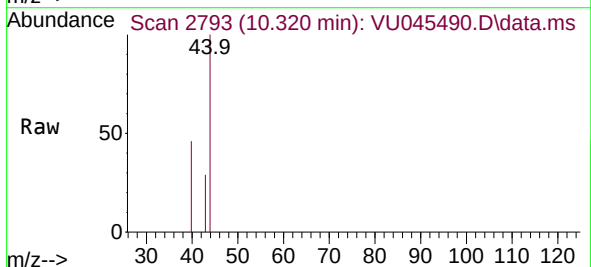
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1102WBL01

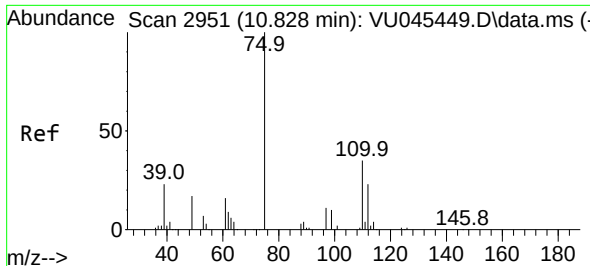
Tgt Ion:152 Resp: 180101
 Ion Ratio Lower Upper
 152 100
 115 62.9 42.7 128.1
 150 158.5 0.0 346.8



#74
 N-ethyl acetate
 Concen: 1.158 ug/l
 RT: 10.320 min Scan# 2793
 Delta R.T. 0.000 min
 Lab File: VU045490.D
 Acq: 01 Nov 2021 16:37

Tgt Ion: 43 Resp: 20
 Ion Ratio Lower Upper
 43 100
 70 0.0 36.9 55.3#
 55 0.0 20.6 31.0#
 61 0.0 20.5 30.7#

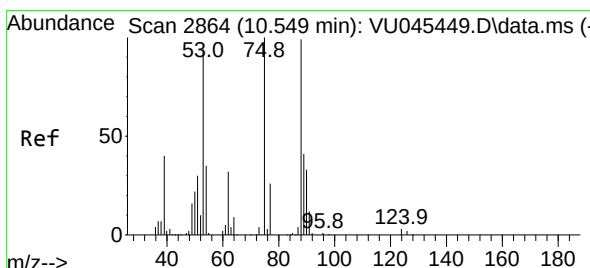
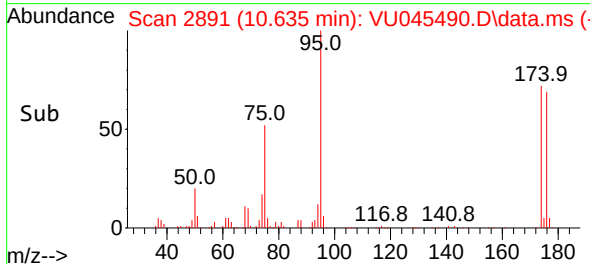
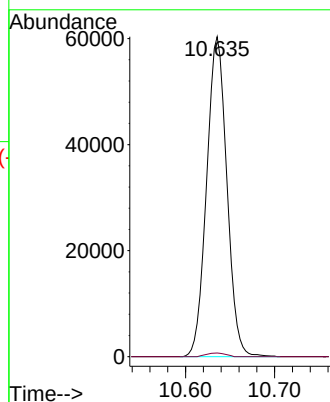
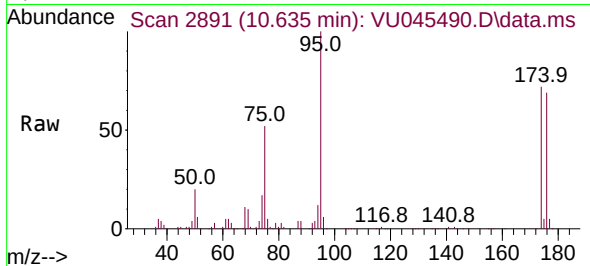




#76
 1,2,3-Trichloropropane
 Concen: 19.835 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU045490.D
 Acq: 01 Nov 2021 16:37

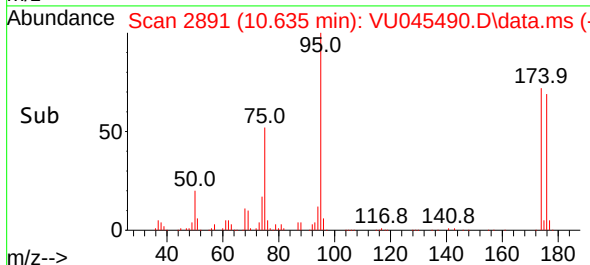
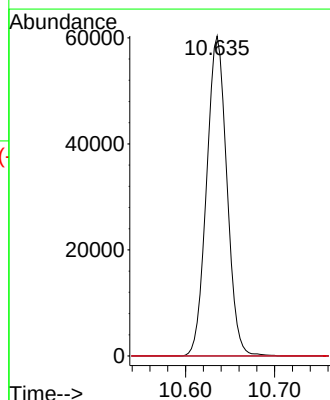
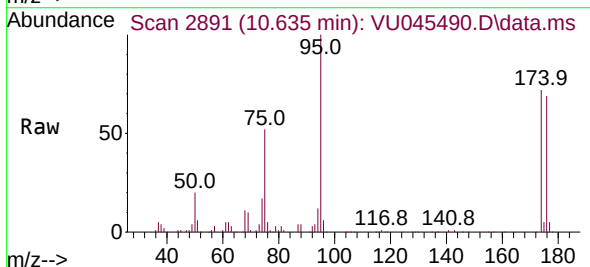
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1102WBL01

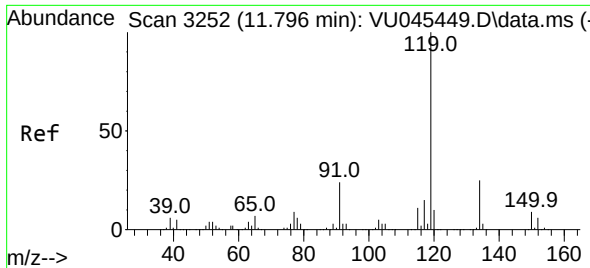
Tgt Ion: 75 Resp: 95182
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.1 51.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.116 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. 0.086 min
 Lab File: VU045490.D
 Acq: 01 Nov 2021 16:37

Tgt Ion: 75 Resp: 95182
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.4#
 89 0.0 34.0 51.0#

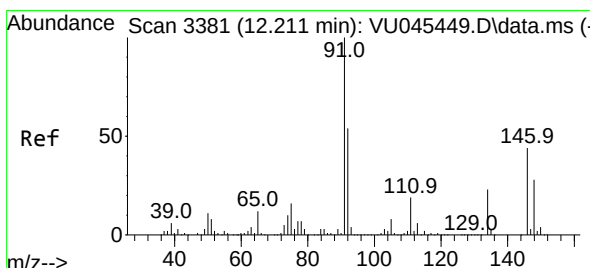
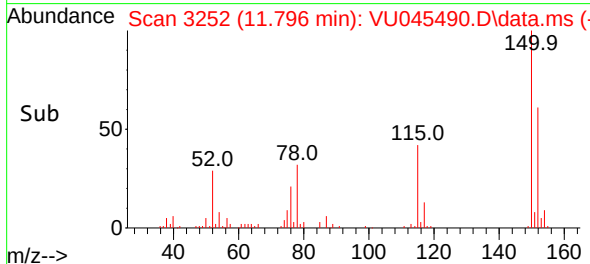
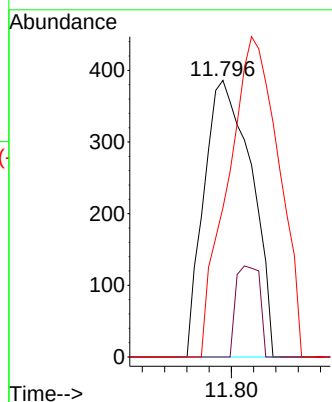
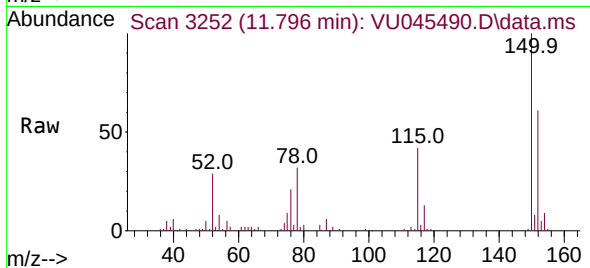




#86
p-Isopropyltoluene
Concen: 0.237 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

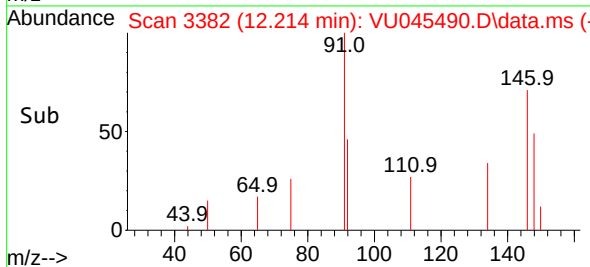
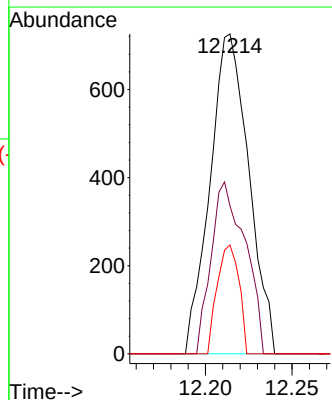
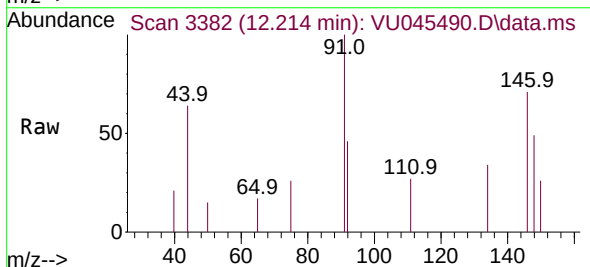
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBL01

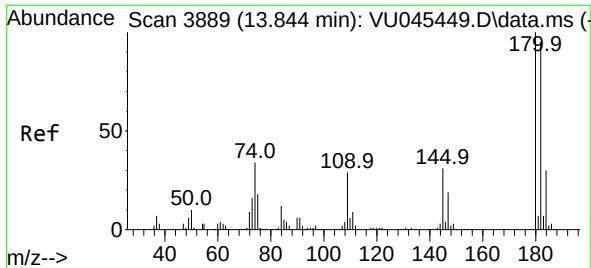
Tgt Ion:119 Resp: 570
Ion Ratio Lower Upper
119 100
134 16.5 12.7 38.1
91 124.2 12.2 36.4#



#89
n-Butylbenzene
Concen: 1.037 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

Tgt Ion: 91 Resp: 1132
Ion Ratio Lower Upper
91 100
92 47.0 27.1 81.2
134 19.0 11.8 35.4

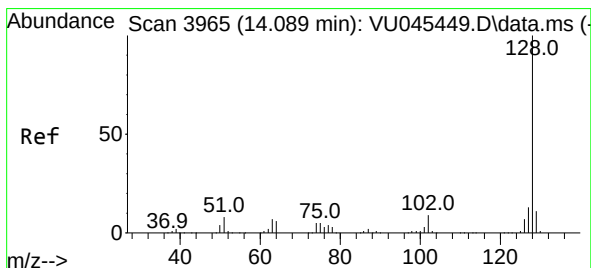
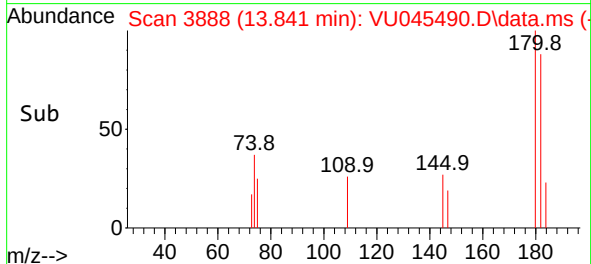
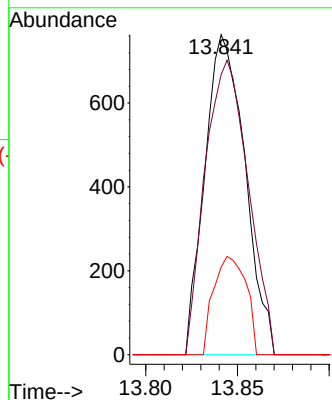
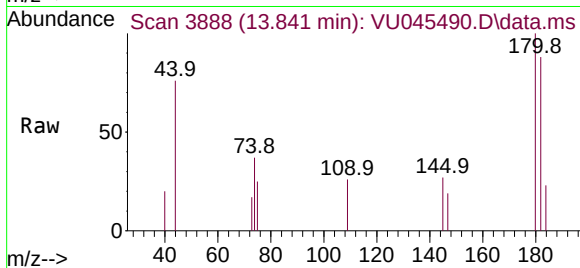




#93
1,2,4-Trichlorobenzene
Concen: 0.309 ug/l
RT: 13.841 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

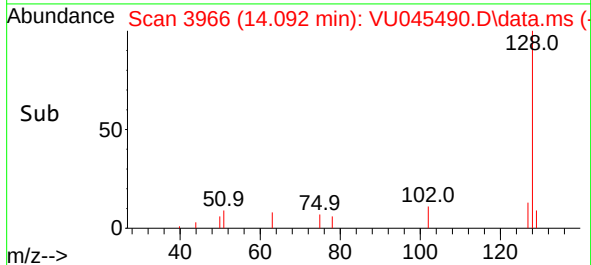
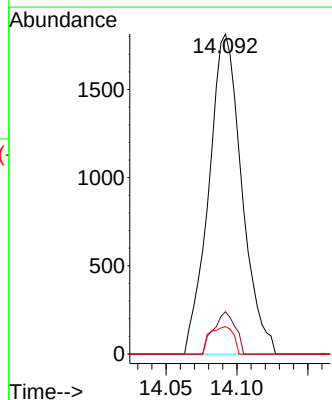
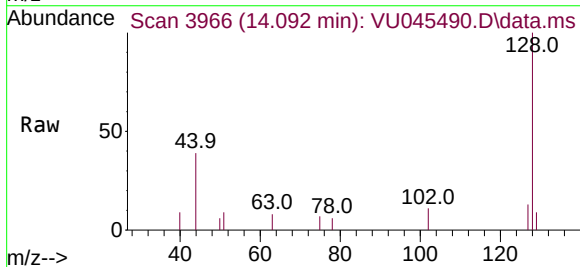
Instrument :
MSVOA_U
ClientSampleId :
VU1102WBL01

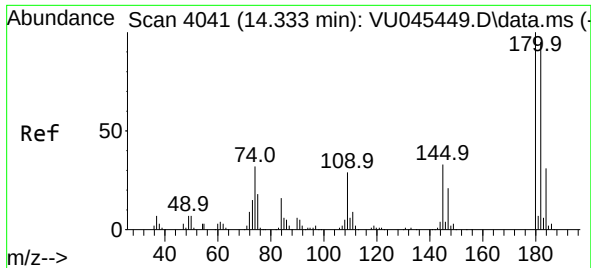
Tgt Ion:180 Resp: 1159
Ion Ratio Lower Upper
180 100
182 98.7 47.0 141.2
145 24.7 15.6 46.7



#95
Naphthalene
Concen: 0.298 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045490.D
Acq: 01 Nov 2021 16:37

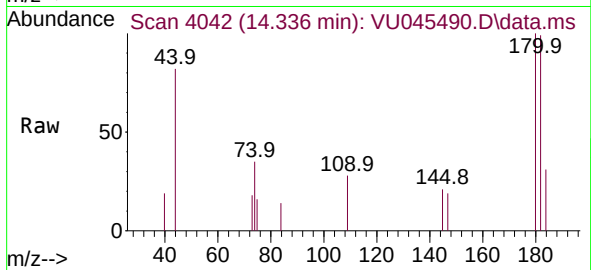
Tgt Ion:128 Resp: 2942
Ion Ratio Lower Upper
128 100
127 8.7 10.6 15.8#
129 6.1 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.274 ug/l
 RT: 14.336 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU045490.D
 Acq: 01 Nov 2021 16:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1102WBL01



Tgt Ion:	180	Resp:	1034
Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.7	143.1
145	20.0	16.7	50.0

