

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045467.D
 Acq On : 29 Oct 2021 16:31
 Operator : SY/MD
 Sample : M4372-09ME
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:07:51 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	214397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	415707	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	415841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	199200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	175228	50.202	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.400%
35) Dibromofluoromethane	5.292	113	127887	48.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.760%
50) Toluene-d8	7.899	98	540254	52.122	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.240%
62) 4-Bromofluorobenzene	10.645	95	210261	53.234	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	139	0.420	ug/l #	43
3) Chloromethane	1.517	50	7690	1.803	ug/l	94
5) Bromomethane	1.858	94	1883	0.876	ug/l	98
10) Methyl Iodide	2.707	142	1821	9.999	ug/l #	95
11) Tert butyl alcohol	3.179	59	399	0.530	ug/l #	72
15) Acrylonitrile	3.350	53	673	0.368	ug/l #	33
16) Acetone	2.655	43	1274	0.804	ug/l	100
17) Carbon Disulfide	2.774	76	1977	0.277	ug/l #	78
20) Methylene Chloride	3.038	84	1990	0.630	ug/l #	94
25) 2-Butanone	4.742	43	771	0.322	ug/l #	47
29) Tetrahydrofuran	5.083	42	2070	1.334	ug/l	91
31) Cyclohexane	5.372	56	6606	1.271	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	19313	4.880	ug/l #	49
38) Carbon Tetrachloride	5.375	117	21808	6.319	ug/l #	16
39) Methylcyclohexane	6.761	83	4821	0.980	ug/l	95
43) Isopropyl Acetate	5.893	43	2572	0.356	ug/l #	59
55) 1,1,2-Trichloroethane	8.365	97	1517	0.513	ug/l #	21
56) Ethyl methacrylate	8.369	69	560	1.741	ug/l #	1
59) 2-Hexanone	8.729	43	779	0.215	ug/l #	60
68) m/p-Xylenes	9.700	106	1317	0.242	ug/l	84
70) Styrene	10.127	104	1251	1.101	ug/l	93
74) N-amyl acetate	10.317	43	853	1.275	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	10.809	83	3164	0.594	ug/l #	46
76) 1,2,3-Trichloropropane	10.642	75	108681	20.477	ug/l #	43
78) n-propylbenzene	10.909	91	3983	0.245	ug/l	96
79) 2-Chlorotoluene	10.992	91	2124	0.217	ug/l	78
81) trans-1,4-Dichloro-2-b...	10.642	75	108681	56.811	ug/l #	12
82) 4-Chlorotoluene	11.105	91	3310	0.297	ug/l	91
85) sec-Butylbenzene	11.648	105	5489	0.383	ug/l	99
86) p-Isopropyltoluene	11.799	119	2910	0.416	ug/l #	74
87) 1,3-Dichlorobenzene	11.751	146	1821	0.294	ug/l #	33
88) 1,4-Dichlorobenzene	11.841	146	1879	0.297	ug/l #	6
89) n-Butylbenzene	12.214	91	9510	1.690	ug/l	93
90) Hexachloroethane	12.578	117	2060	1.008	ug/l #	16
93) 1,2,4-Trichlorobenzene	13.844	180	2851	0.688	ug/l #	15
94) Hexachlorobutadiene	14.028	225	849	0.563	ug/l	92

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

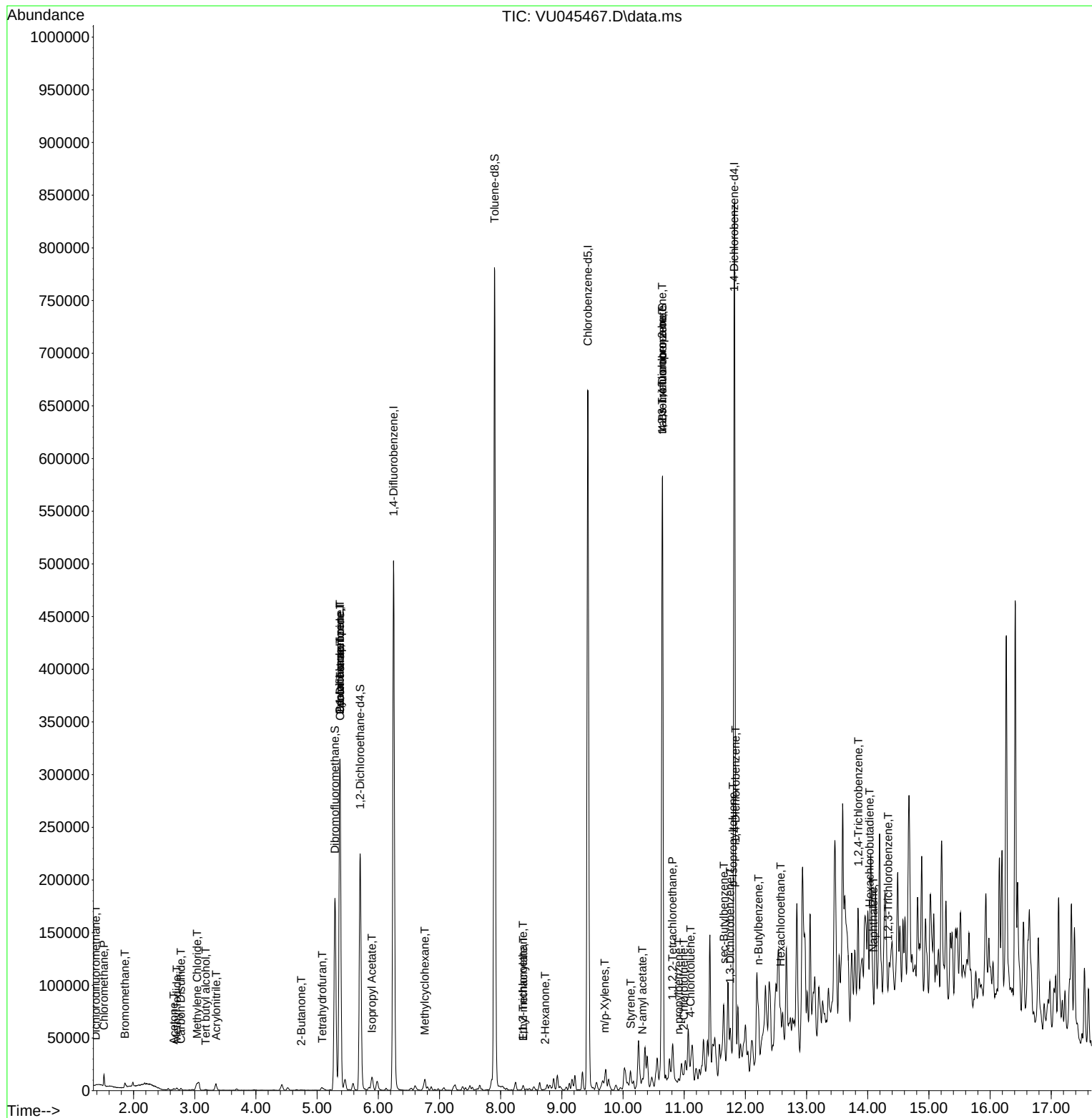
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	14.092	128	11040	0.773	ug/l #	80
96) 1,2,3-Trichlorobenzene	14.336	180	2175	0.521	ug/l #	1

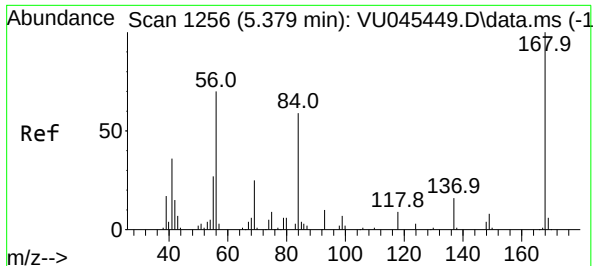
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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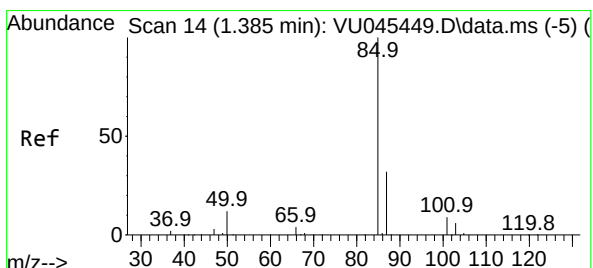
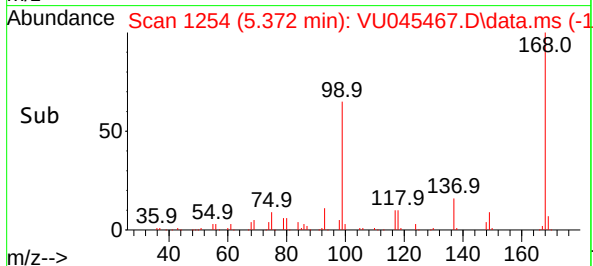
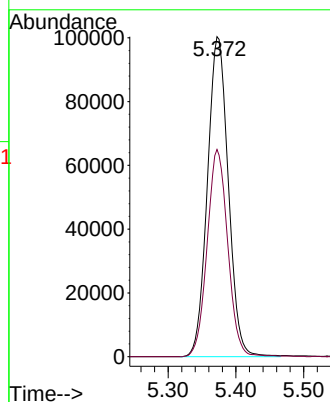
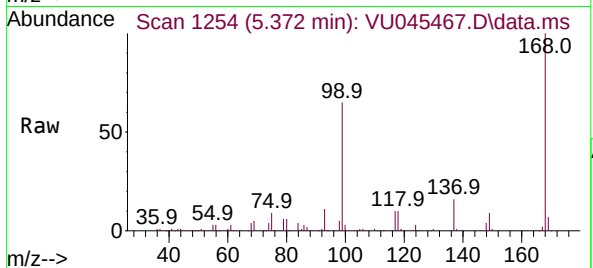




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

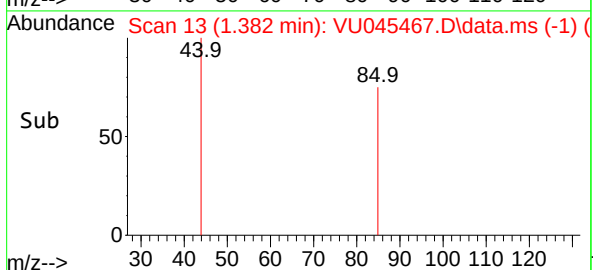
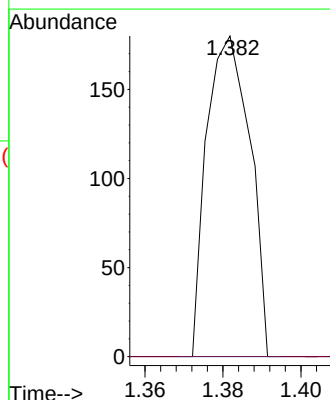
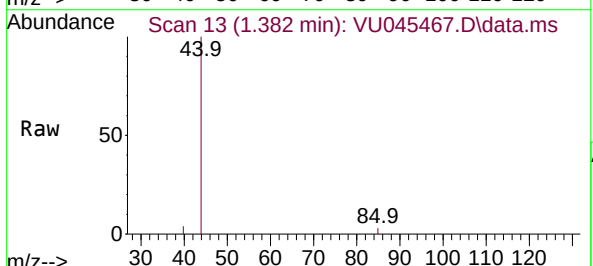
Instrument :
MSVOA_U
ClientSampleId :

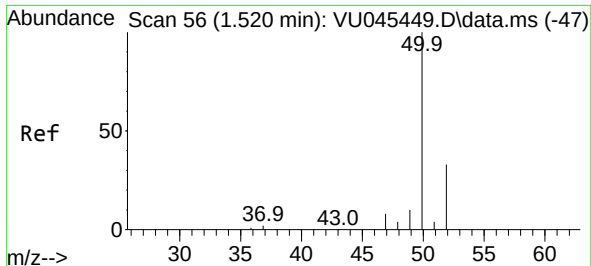
Tgt Ion:168 Resp: 214397
Ion Ratio Lower Upper
168 100
99 64.8 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 0.420 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

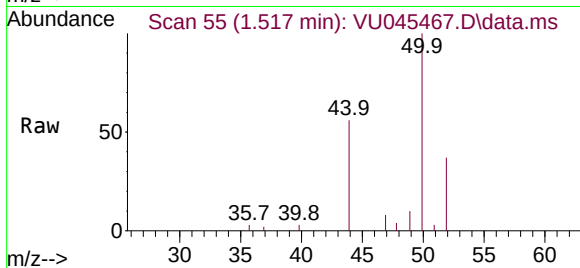
Tgt Ion: 85 Resp: 139
Ion Ratio Lower Upper
85 100
87 0.0 15.9 47.7#



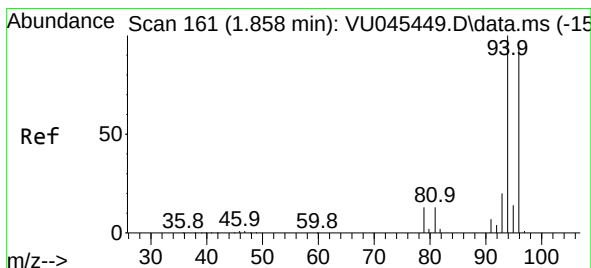
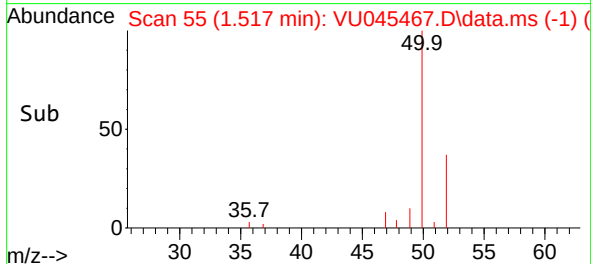
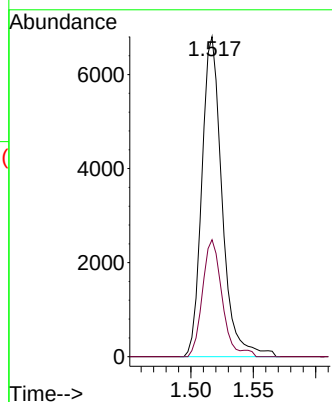


#3
Chloromethane
Concen: 1.803 ug/l
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Instrument :
MSVOA_U
ClientSampleId :

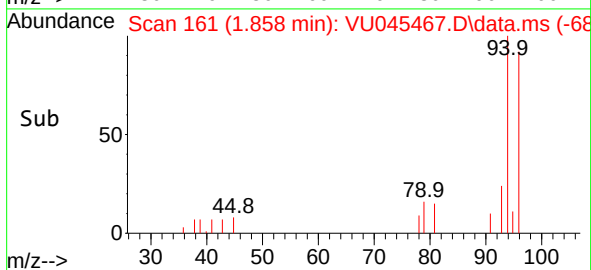
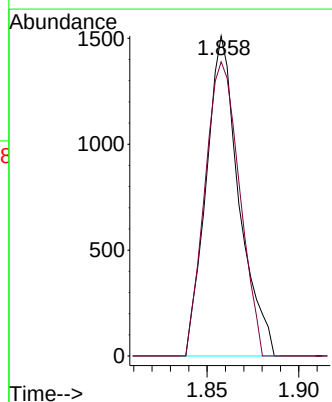
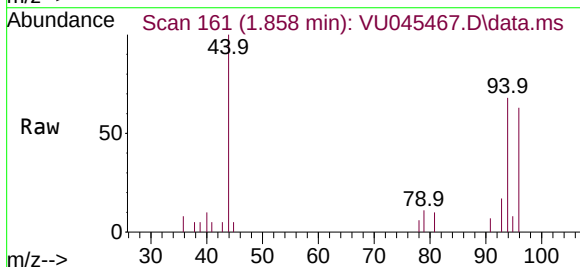


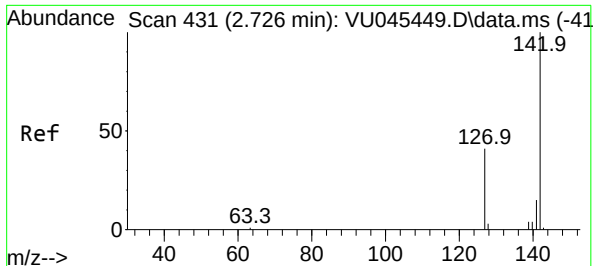
Tgt Ion: 50 Resp: 7690
Ion Ratio Lower Upper
50 100
52 36.6 26.6 40.0



#5
Bromomethane
Concen: 0.876 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

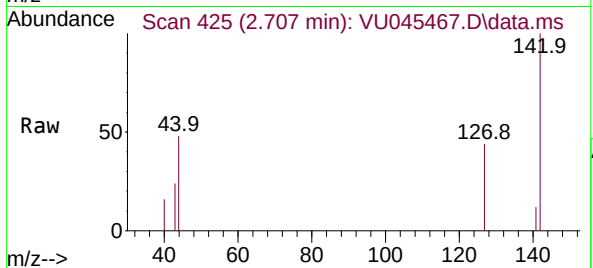
Tgt Ion: 94 Resp: 1883
Ion Ratio Lower Upper
94 100
96 91.9 75.4 113.2



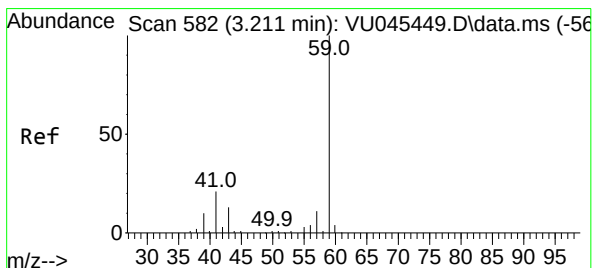
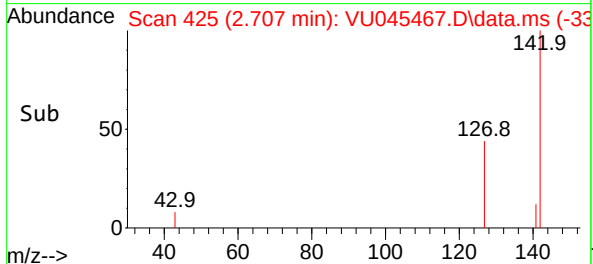
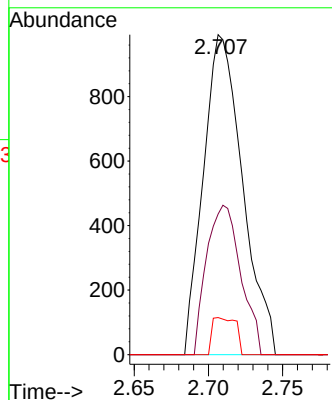


#10
Methyl Iodide
Concen: 9.999 ug/l
RT: 2.707 min Scan# 41
Delta R.T. -0.019 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Instrument :
MSVOA_U
ClientSampleId :

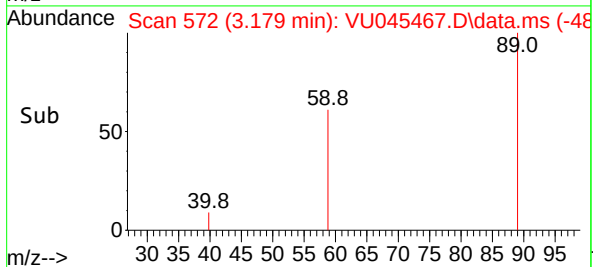
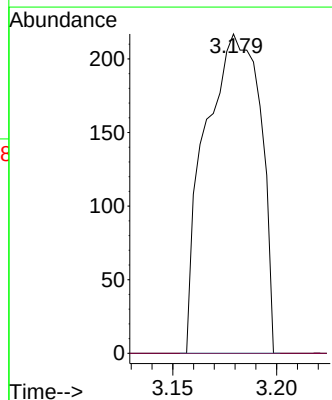
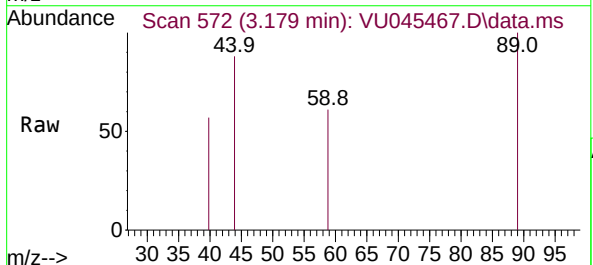


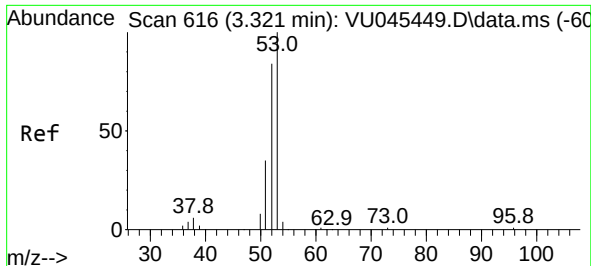
Tgt Ion:142 Resp: 1821
Ion Ratio Lower Upper
142 100
127 40.7 32.2 48.2
141 6.9 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.530 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.032 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

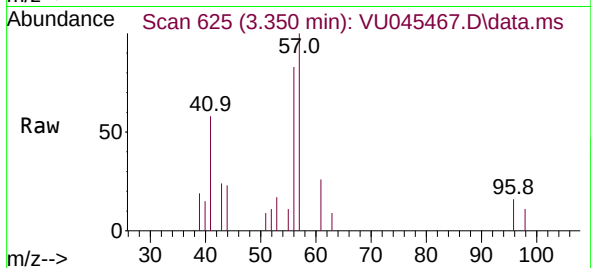
Tgt Ion: 59 Resp: 399
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



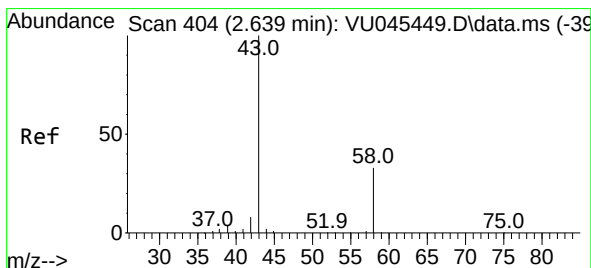
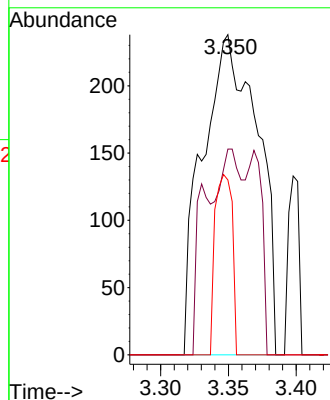
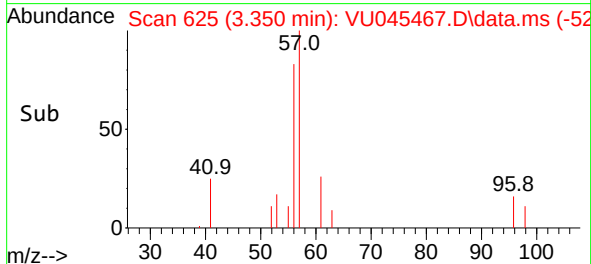


#15
Acrylonitrile
Concen: 0.368 ug/l
RT: 3.350 min Scan# 616
Delta R.T. 0.029 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

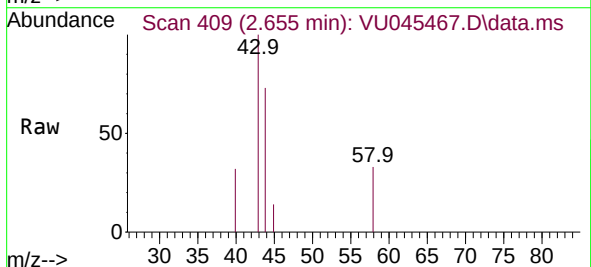
Instrument :
MSVOA_U
ClientSampleId :



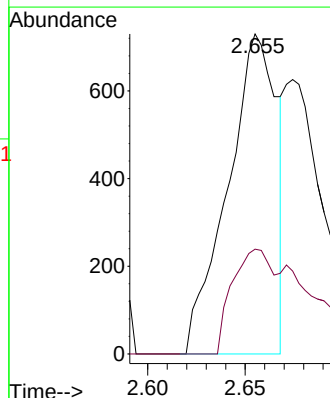
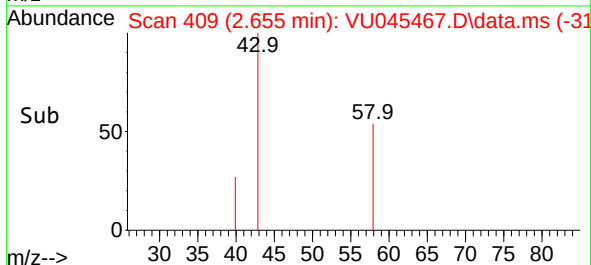
Tgt Ion: 53 Resp: 673
Ion Ratio Lower Upper
53 100
52 8.6 66.6 100.0#
51 17.5 28.4 42.6#

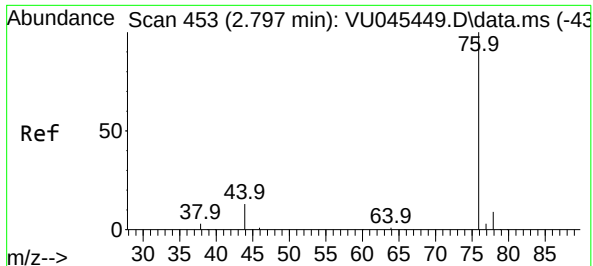


#16
Acetone
Concen: 0.804 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.016 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31



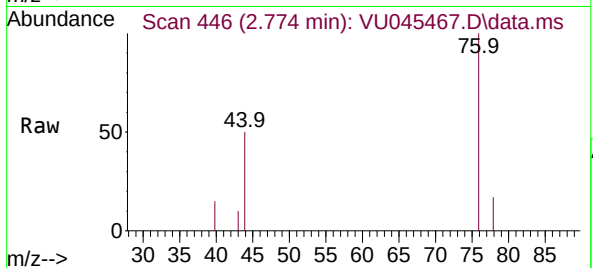
Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
58 32.7 26.2 39.2



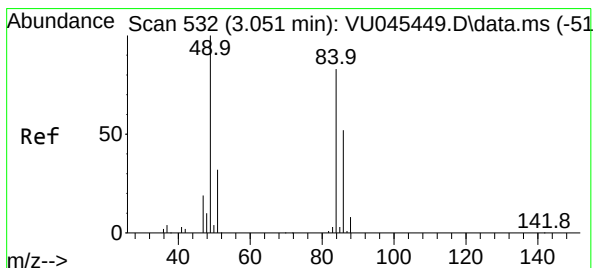
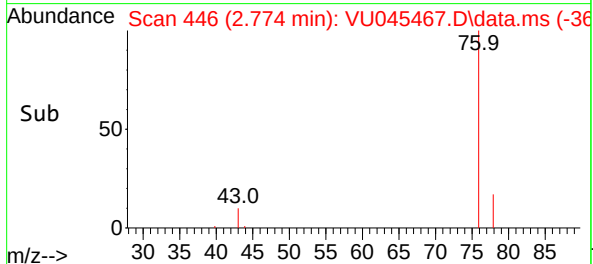
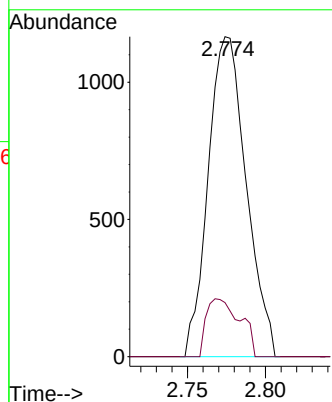


#17
Carbon Disulfide
Concen: 0.277 ug/l
RT: 2.774 min Scan# 44
Delta R.T. -0.023 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Instrument :
MSVOA_U
ClientSampleId :

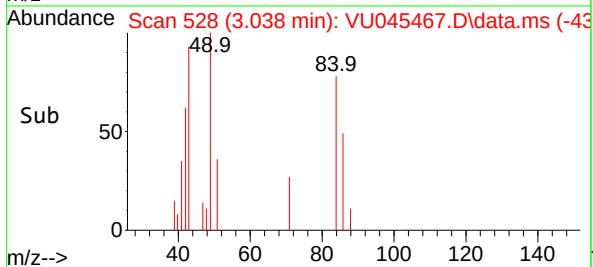
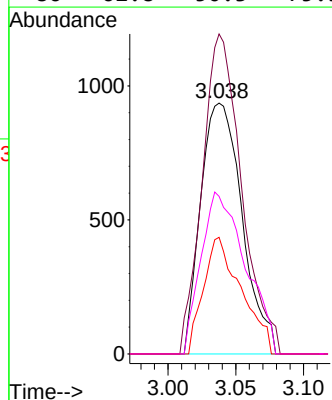
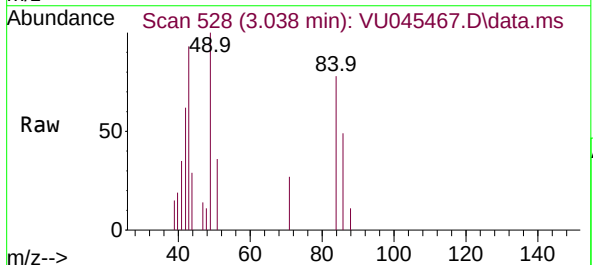


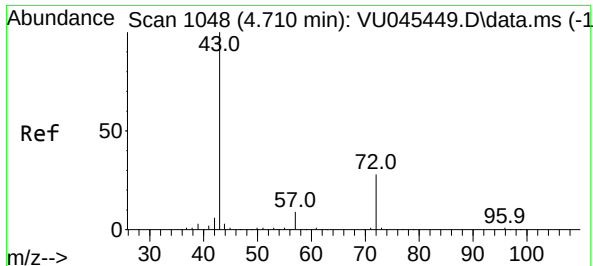
Tgt Ion: 76 Resp: 1977
Ion Ratio Lower Upper
76 100
78 16.9 7.3 10.9#



#20
Methylene Chloride
Concen: 0.630 ug/l
RT: 3.038 min Scan# 528
Delta R.T. -0.013 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Tgt Ion: 84 Resp: 1990
Ion Ratio Lower Upper
84 100
49 127.6 96.4 144.6
51 46.5 30.5 45.7#
86 62.8 50.3 75.5





#25

2-Butanone

Concen: 0.322 ug/l

RT: 4.742 min Scan# 1105

Delta R.T. 0.032 min

Lab File: VU045467.D

Acq: 29 Oct 2021 16:31

Instrument :

MSVOA_U

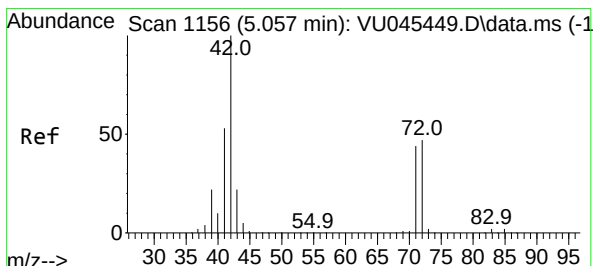
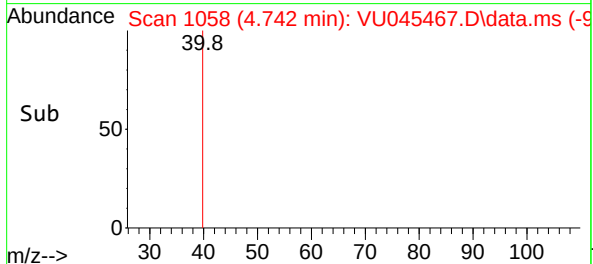
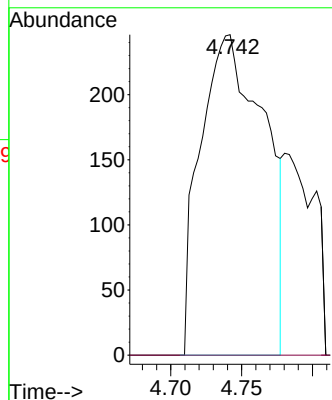
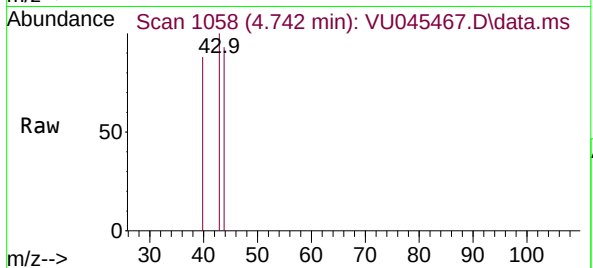
ClientSampleId :

Tgt Ion: 43 Resp: 771

Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



#29

Tetrahydrofuran

Concen: 1.334 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.026 min

Lab File: VU045467.D

Acq: 29 Oct 2021 16:31

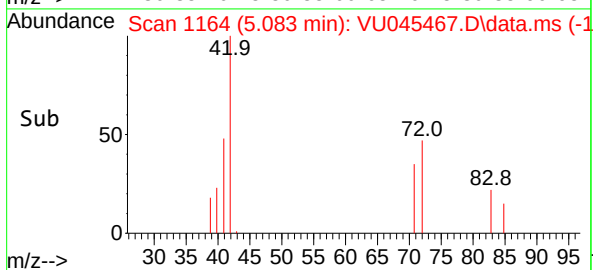
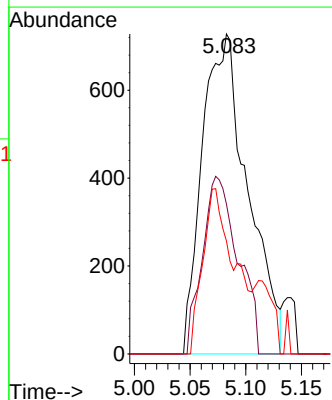
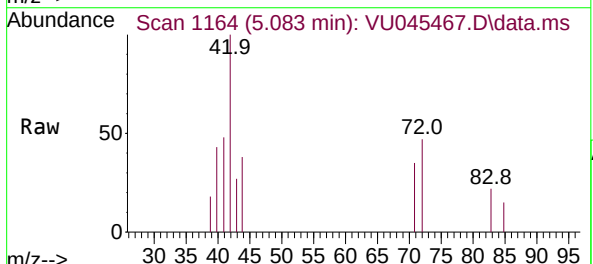
Tgt Ion: 42 Resp: 2070

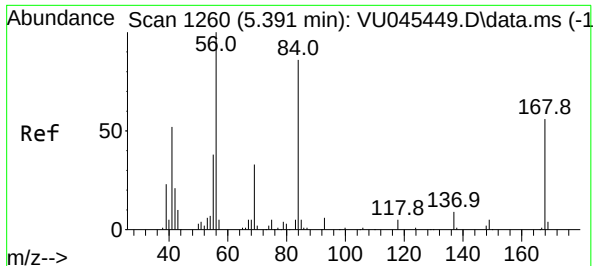
Ion Ratio Lower Upper

42 100

72 43.5 38.2 57.4

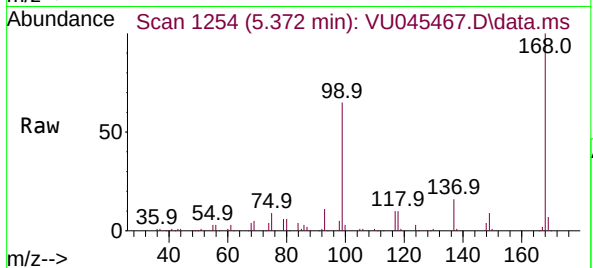
71 36.1 35.4 53.2



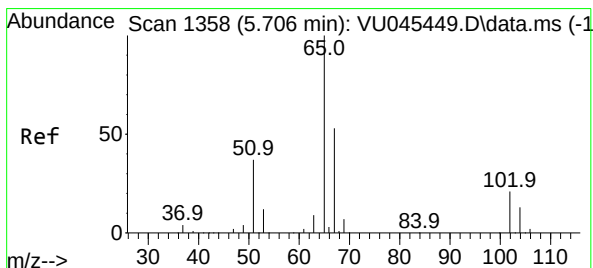
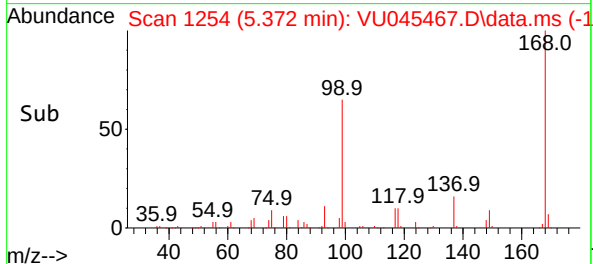
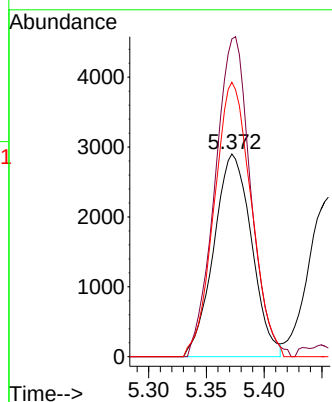


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Instrument :
MSVOA_U
ClientSampleId :

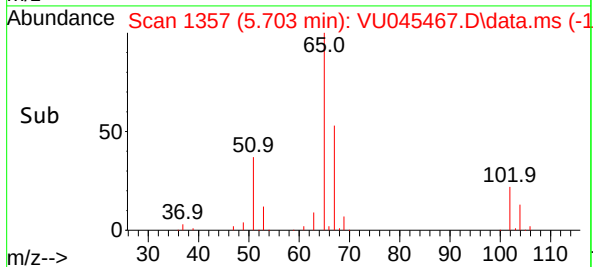
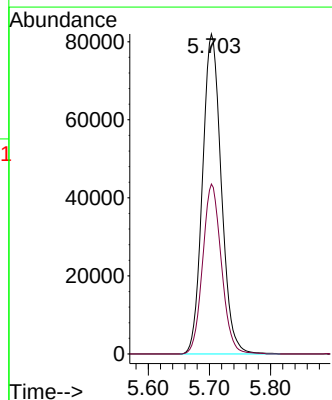
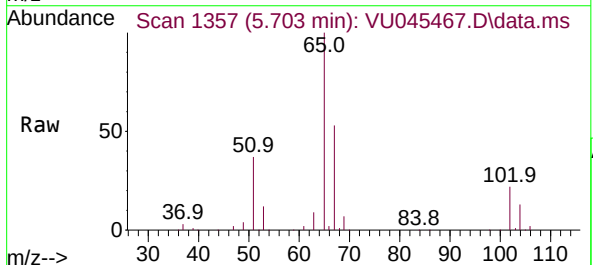


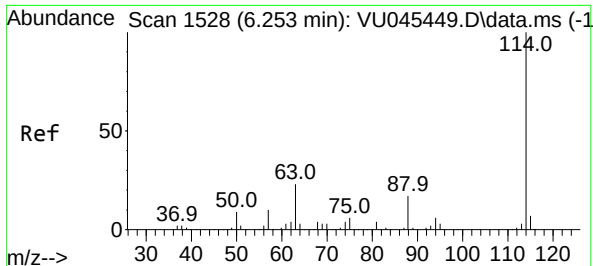
Tgt Ion: 56 Resp: 6606
Ion Ratio Lower Upper
56 100
69 156.8 26.4 39.6#
84 135.4 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 50.202 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Tgt Ion: 65 Resp: 175228
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# 11

Delta R.T. -0.003 min

Lab File: VU045467.D

Acq: 29 Oct 2021 16:31

Instrument :

MSVOA_U

ClientSampleId :

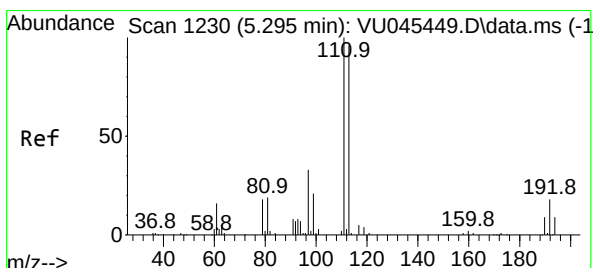
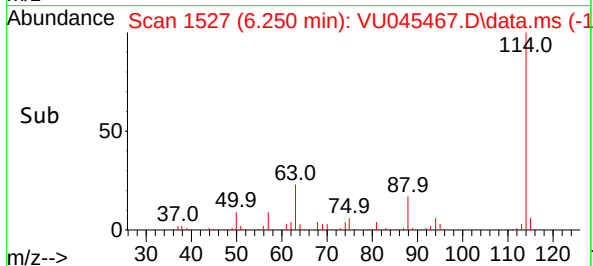
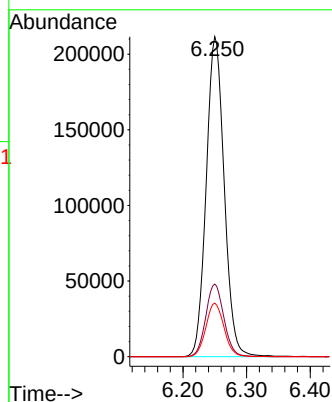
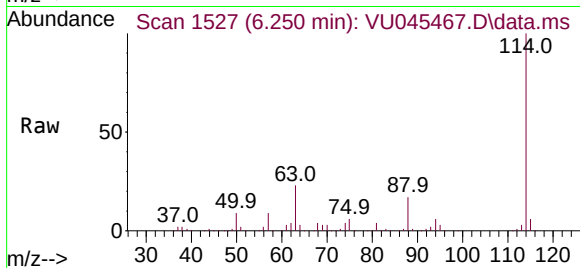
Tgt Ion:114 Resp: 415707

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 16.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 48.382 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.003 min

Lab File: VU045467.D

Acq: 29 Oct 2021 16:31

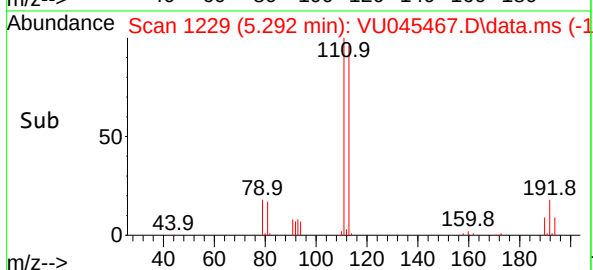
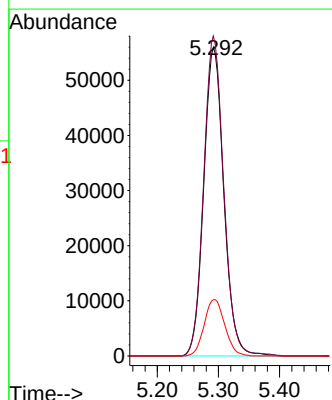
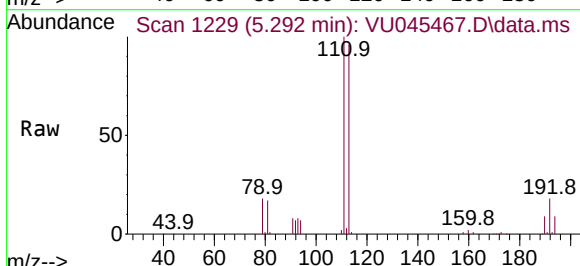
Tgt Ion:113 Resp: 127887

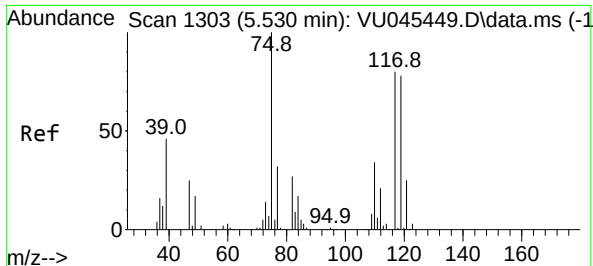
Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 18.7 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.880 ug/l

RT: 5.372 min Scan# 1

Delta R.T. -0.158 min

Lab File: VU045467.D

Acq: 29 Oct 2021 16:31

Instrument :

MSVOA_U

ClientSampleId :

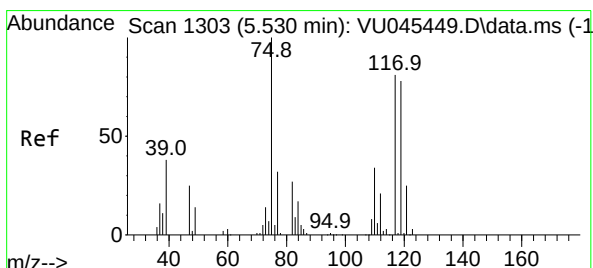
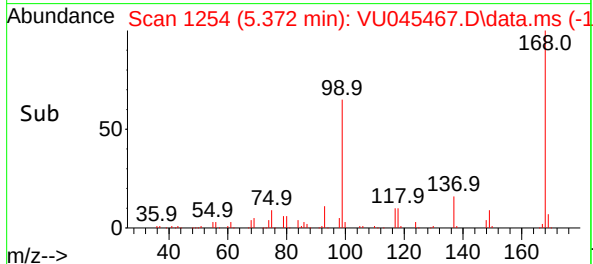
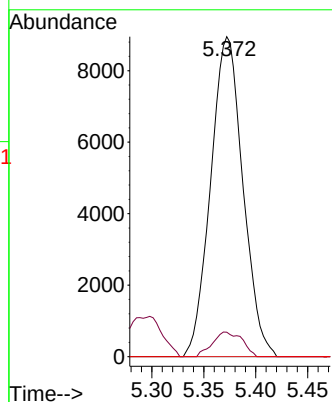
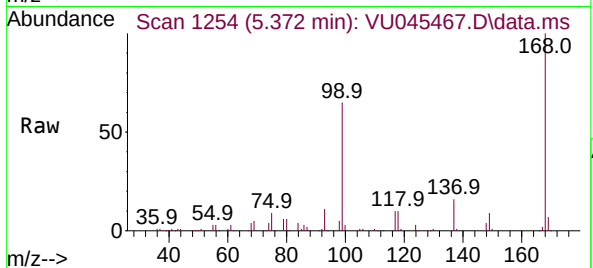
Tgt Ion: 75 Resp: 19313

Ion Ratio Lower Upper

75 100

110 7.1 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.319 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045467.D

Acq: 29 Oct 2021 16:31

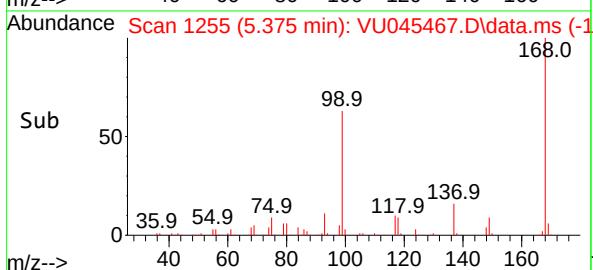
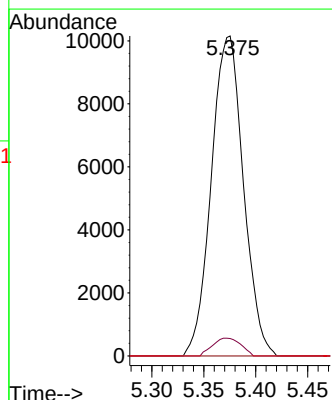
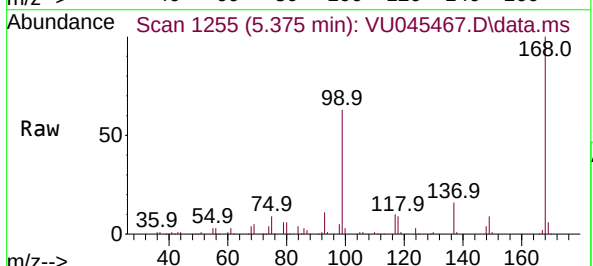
Tgt Ion: 117 Resp: 21808

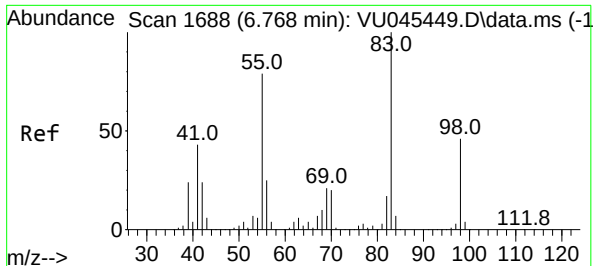
Ion Ratio Lower Upper

117 100

119 5.5 77.4 116.0#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.980 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU045467.D

Acq: 29 Oct 2021 16:31

Instrument :

MSVOA_U

ClientSampleId :

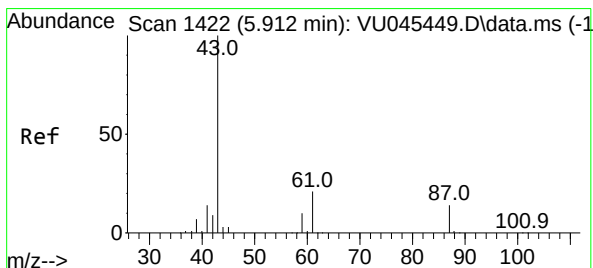
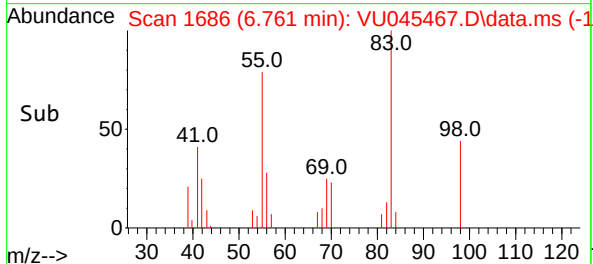
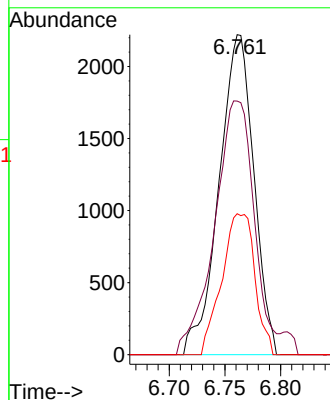
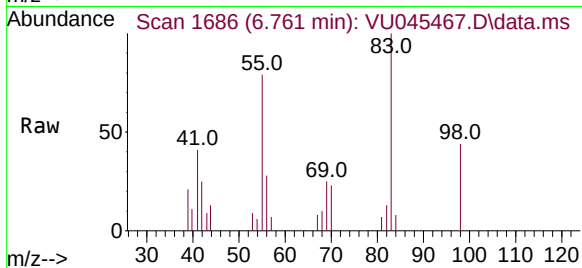
Tgt Ion: 83 Resp: 4821

Ion Ratio Lower Upper

83 100

55 74.7 63.6 95.4

98 44.0 37.1 55.7



#43

Isopropyl Acetate

Concen: 0.356 ug/l

RT: 5.893 min Scan# 1416

Delta R.T. -0.019 min

Lab File: VU045467.D

Acq: 29 Oct 2021 16:31

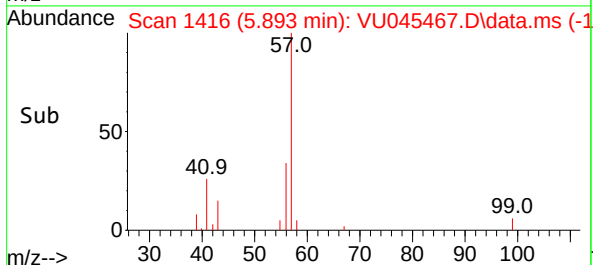
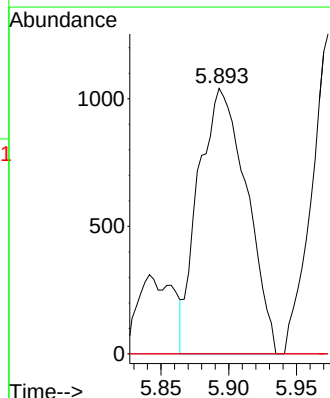
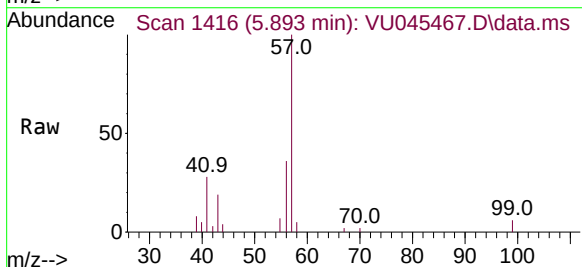
Tgt Ion: 43 Resp: 2572

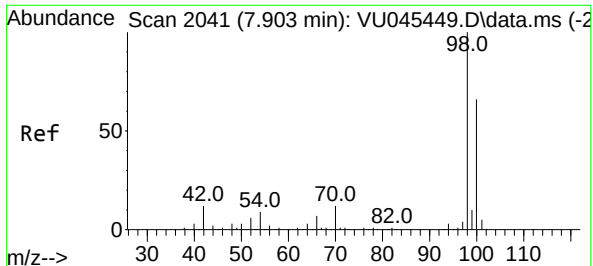
Ion Ratio Lower Upper

43 100

61 0.0 16.9 25.3#

87 0.0 11.0 16.4#

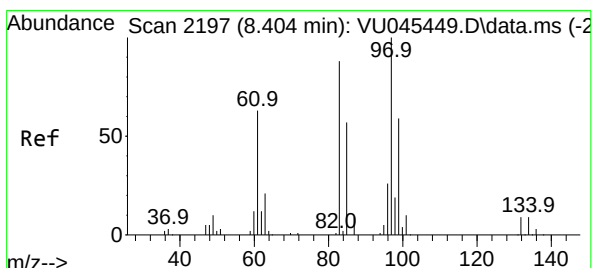
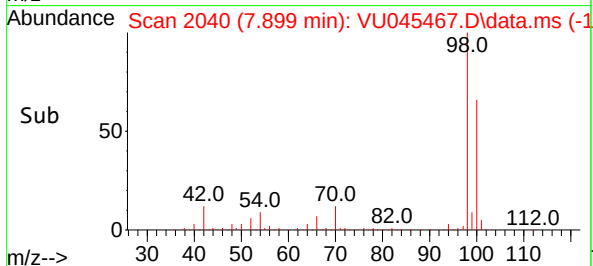
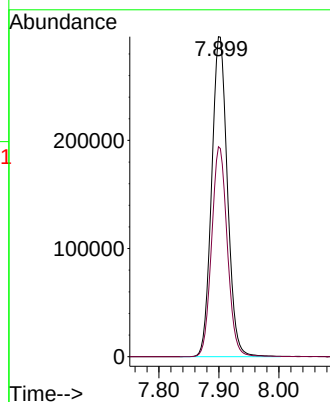
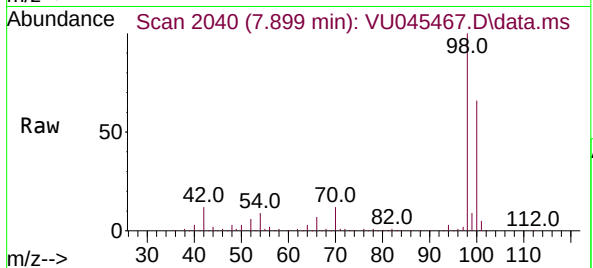




#50
Toluene-d8
Concen: 52.122 ug/l
RT: 7.899 min Scan# 2041
Delta R.T. -0.003 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

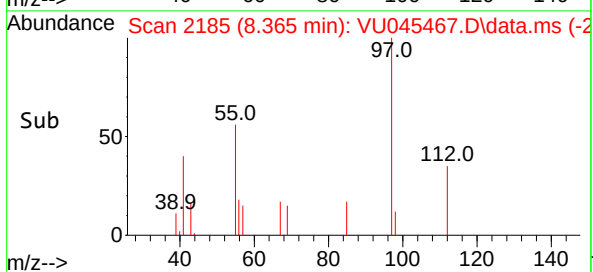
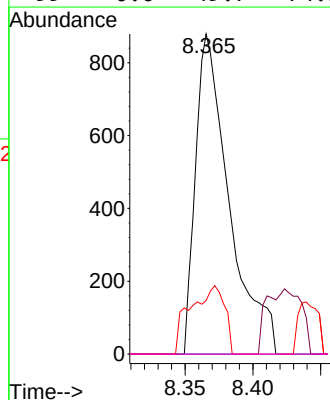
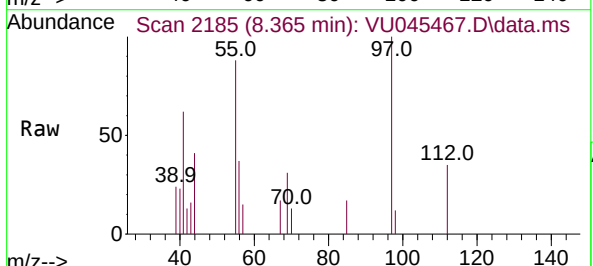
Instrument :
MSVOA_U
ClientSampleId :

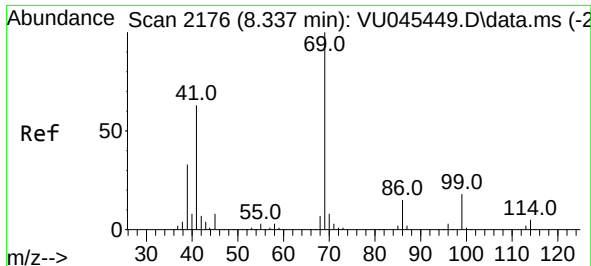
Tgt Ion: 98 Resp: 540254
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#55
1,1,2-Trichloroethane
Concen: 0.513 ug/l
RT: 8.365 min Scan# 2185
Delta R.T. -0.039 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Tgt Ion: 97 Resp: 1517
Ion Ratio Lower Upper
97 100
83 0.0 70.3 105.5#
85 16.7 45.5 68.3#
99 0.0 49.7 74.5#

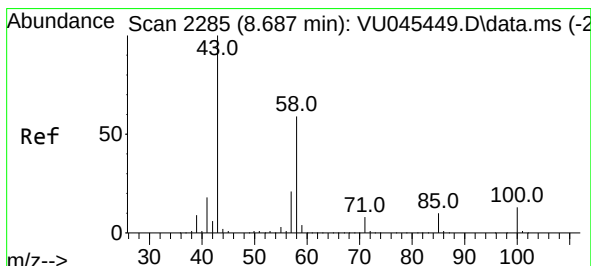
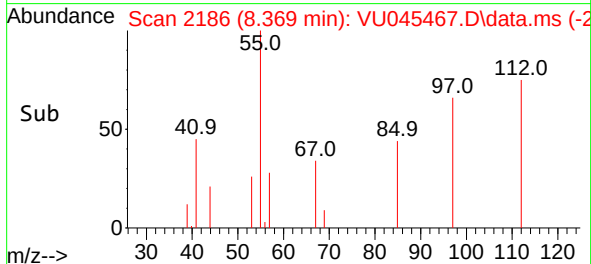
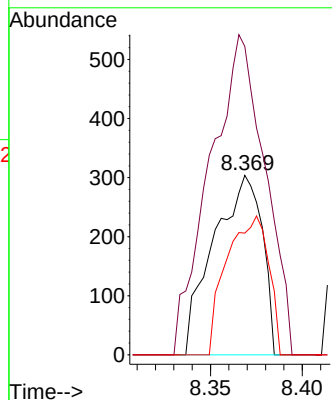
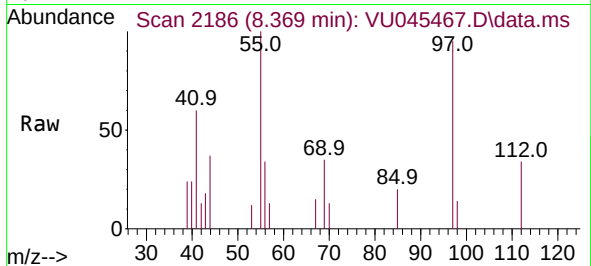




#56
Ethyl methacrylate
Concen: 1.741 ug/l
RT: 8.369 min Scan# 2176
Delta R.T. 0.032 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

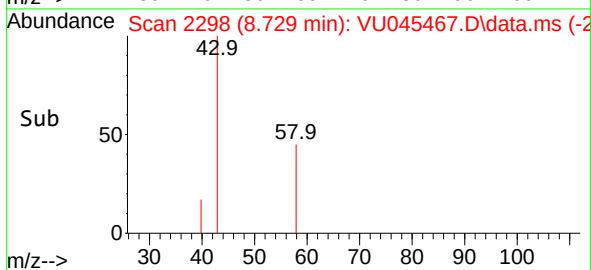
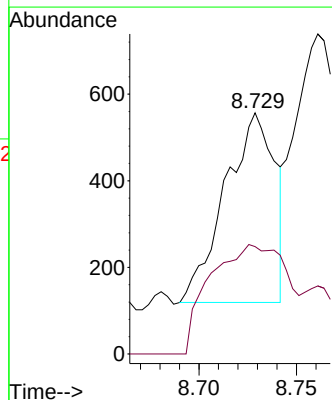
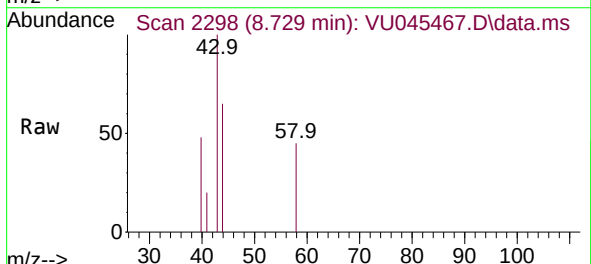
Instrument :
MSVOA_U
ClientSampleId :

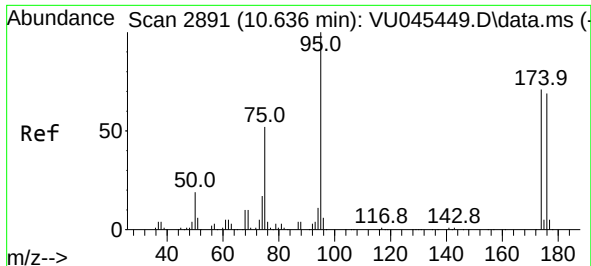
Tgt Ion: 69 Resp: 560
Ion Ratio Lower Upper
69 100
41 201.6 51.0 76.4#
39 66.6 26.6 39.8#



#59
2-Hexanone
Concen: 0.215 ug/l
RT: 8.729 min Scan# 2298
Delta R.T. 0.042 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 89.0 29.5 88.6#

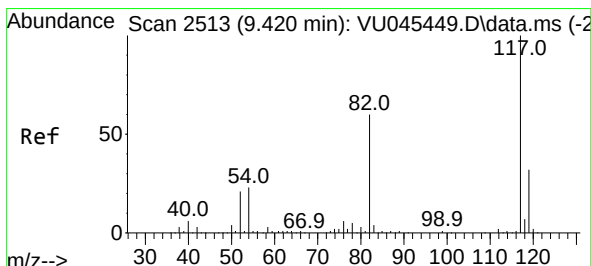
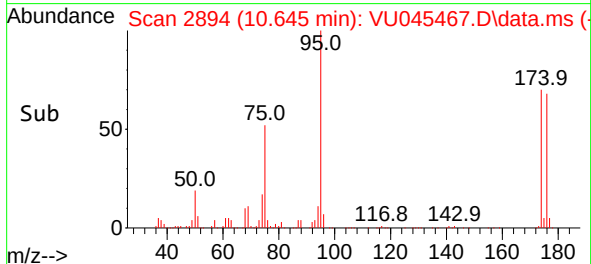
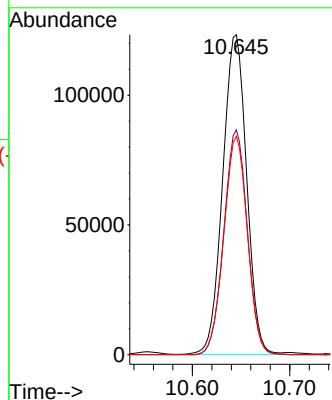
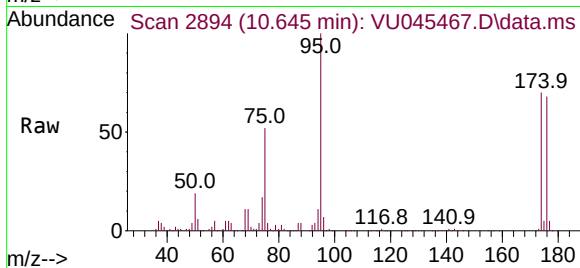




#62
4-Bromofluorobenzene
Concen: 53.234 ug/l
RT: 10.645 min Scan# 210261
Delta R.T. 0.010 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

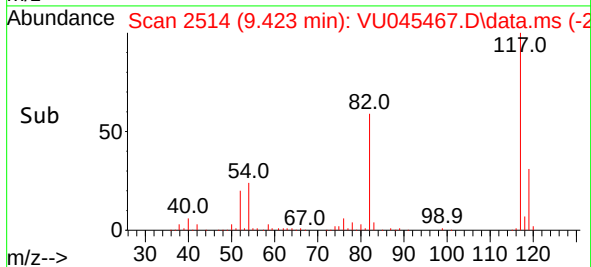
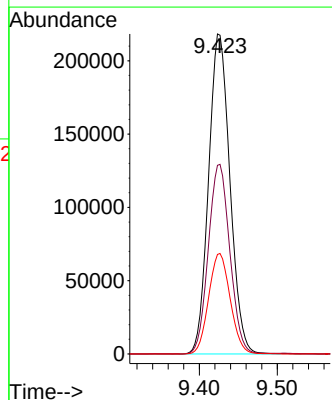
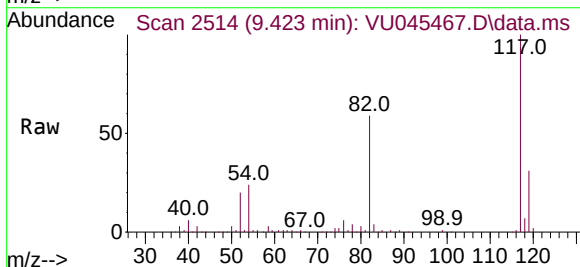
Instrument :
MSVOA_U
ClientSampleId :

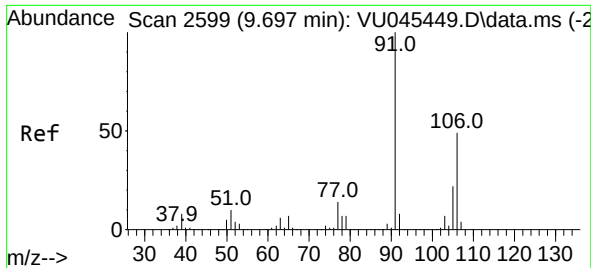
Tgt Ion: 95 Resp: 210261
Ion Ratio Lower Upper
95 100
174 69.0 0.0 141.8
176 67.2 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Tgt Ion: 117 Resp: 415841
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.8
119 31.1 25.8 38.8

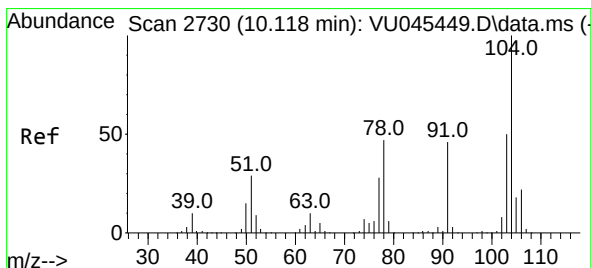
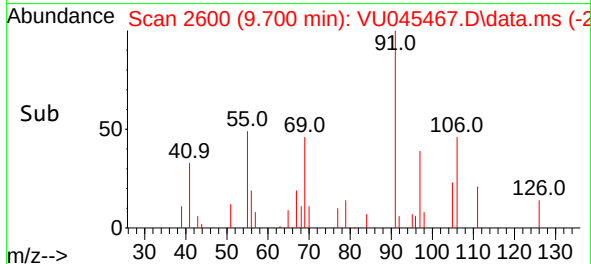
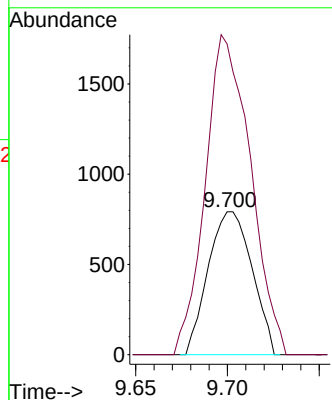
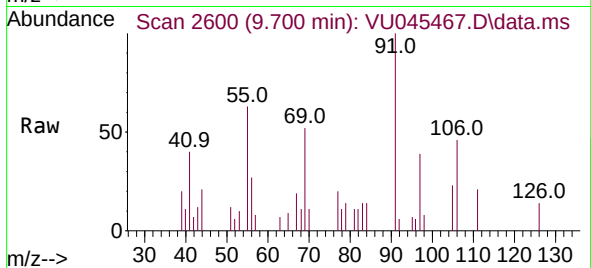




#68
m/p-Xylenes
Concen: 0.242 ug/l
RT: 9.700 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

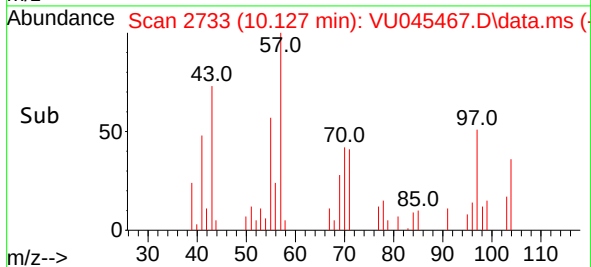
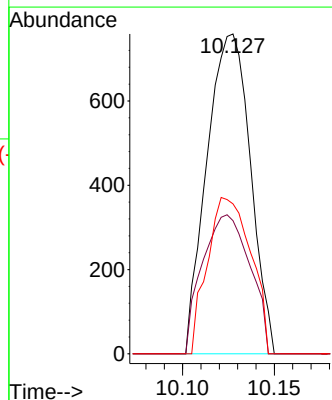
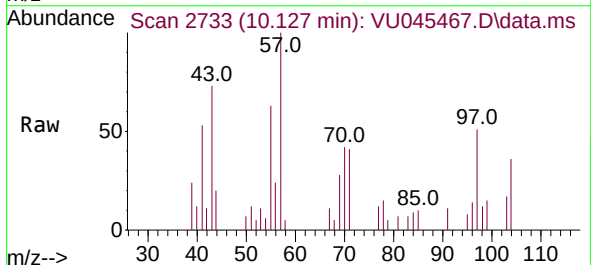
Instrument :
MSVOA_U
ClientSampleId :

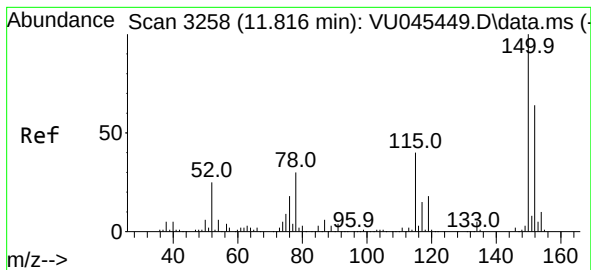
Tgt Ion:106 Resp: 1317
Ion Ratio Lower Upper
106 100
91 230.3 164.7 247.1



#70
Styrene
Concen: 1.101 ug/l
RT: 10.127 min Scan# 2733
Delta R.T. 0.009 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Tgt Ion:104 Resp: 1251
Ion Ratio Lower Upper
104 100
78 47.7 41.8 62.6
103 48.9 43.8 65.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.819 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045467.D

Acq: 29 Oct 2021 16:31

Instrument :

MSVOA_U

ClientSampleId :

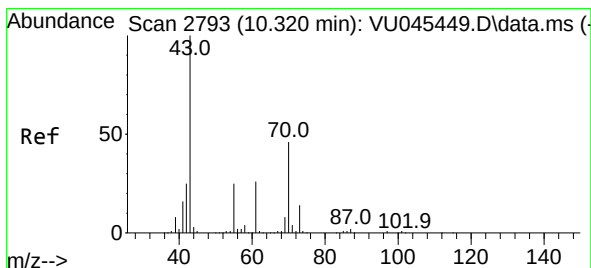
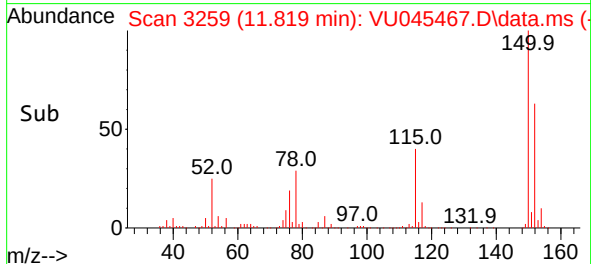
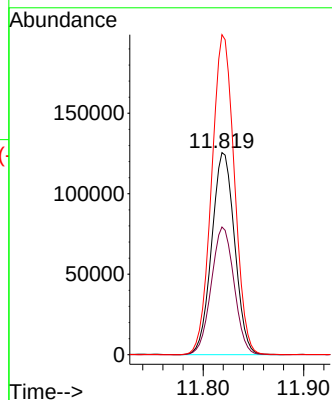
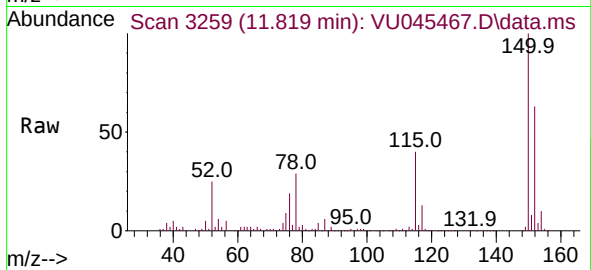
Tgt Ion:152 Resp: 199200

Ion Ratio Lower Upper

152 100

115 62.8 42.7 128.1

150 157.1 0.0 346.8



#74

N-ethyl acetate

Concen: 1.275 ug/l

RT: 10.317 min Scan# 2792

Delta R.T. -0.003 min

Lab File: VU045467.D

Acq: 29 Oct 2021 16:31

Tgt Ion: 43 Resp: 853

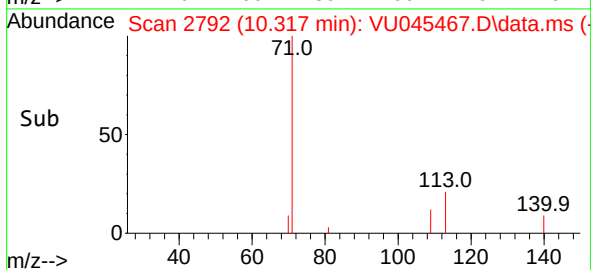
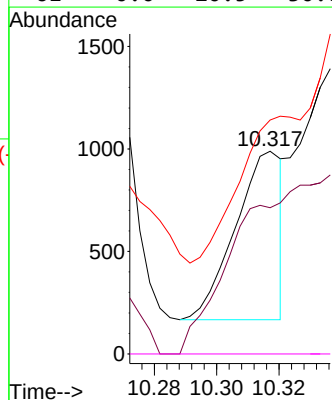
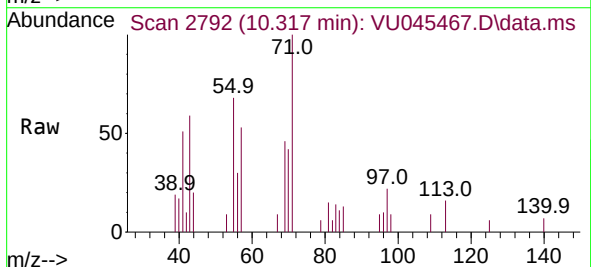
Ion Ratio Lower Upper

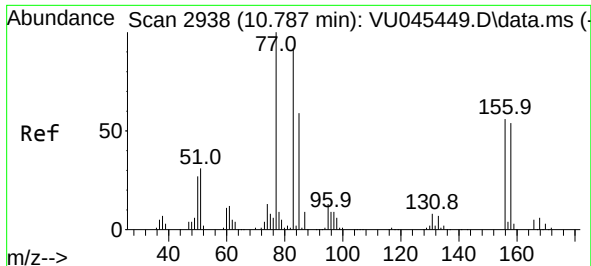
43 100

70 0.0 36.9 55.3#

55 0.0 20.6 31.0#

61 0.0 20.5 30.7#

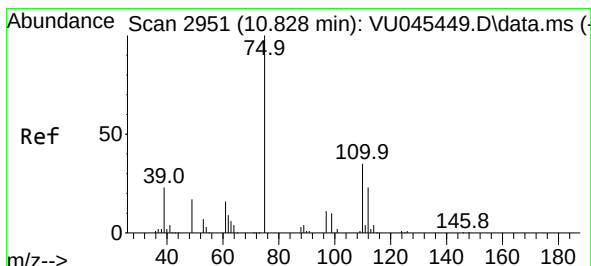
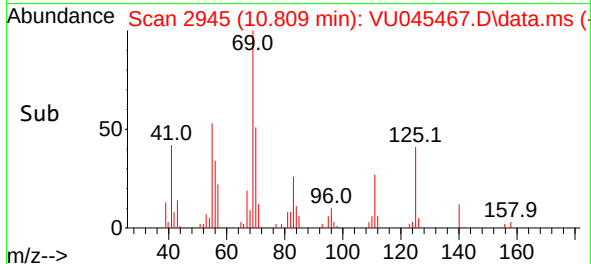
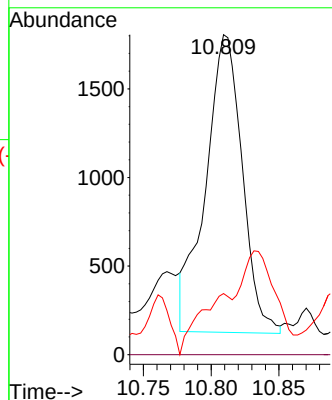
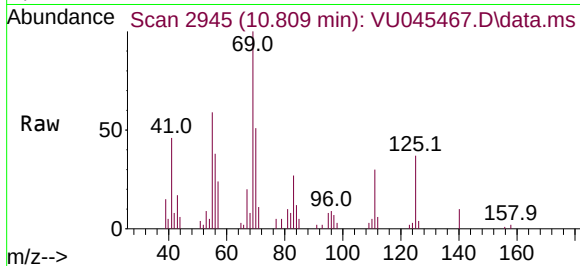




#75
1,1,2,2-Tetrachloroethane
Concen: 0.594 ug/l
RT: 10.809 min Scan# 2893
Delta R.T. 0.022 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

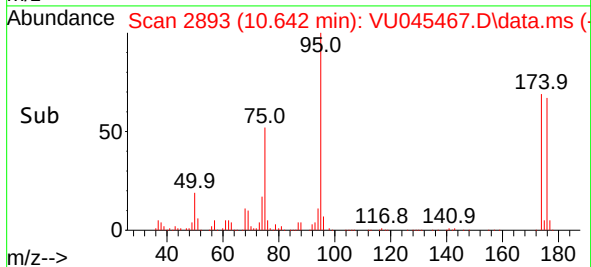
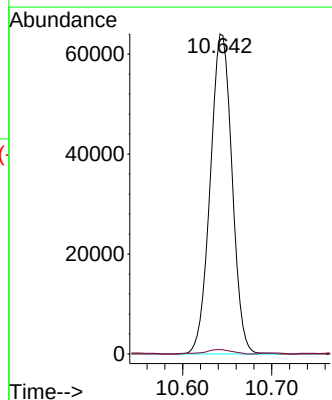
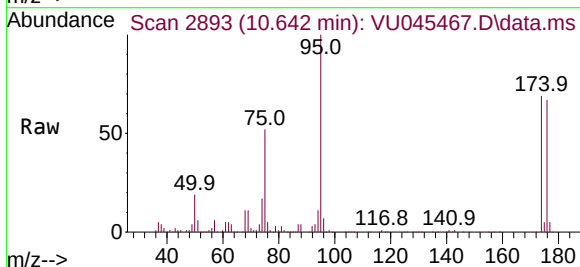
Instrument :
MSVOA_U
ClientSampleId :

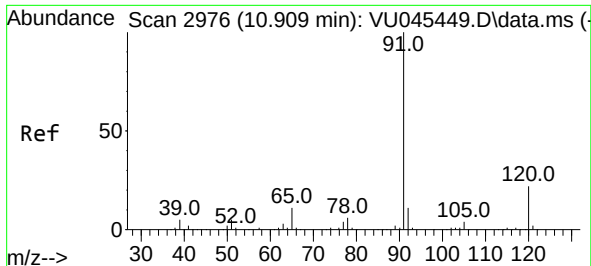
Tgt Ion: 83 Resp: 3164
Ion Ratio Lower Upper
83 100
131 0.0 4.4 13.2#
85 18.5 31.9 95.9#



#76
1,2,3-Trichloropropane
Concen: 20.477 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.187 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Tgt Ion: 75 Resp: 108681
Ion Ratio Lower Upper
75 100
77 1.6 17.1 51.3#

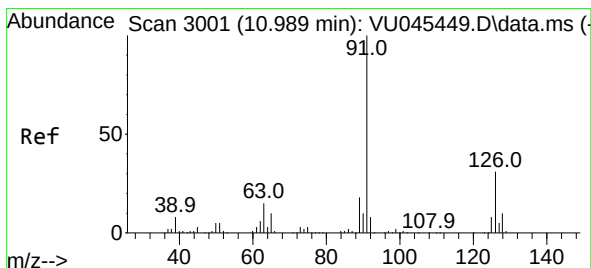
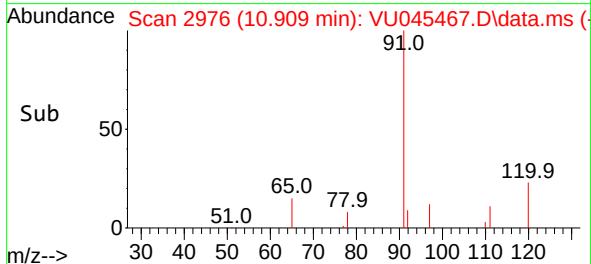
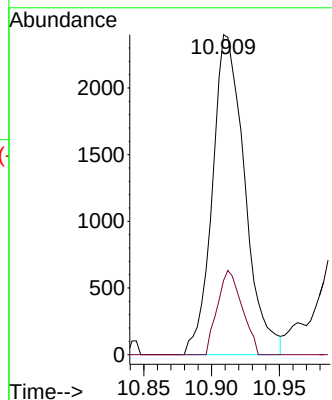
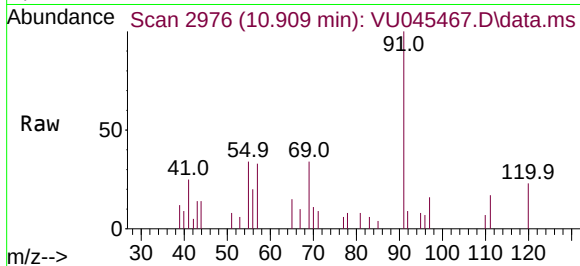




#78
n-propylbenzene
Concen: 0.245 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

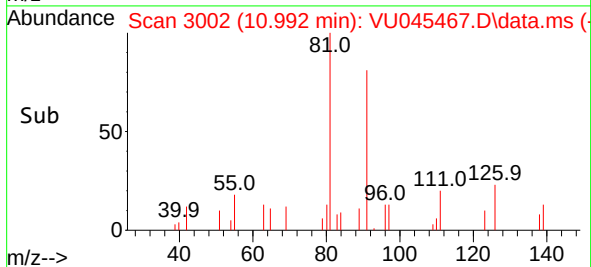
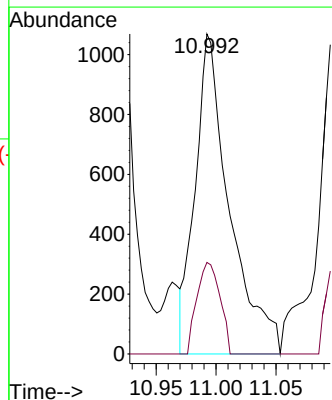
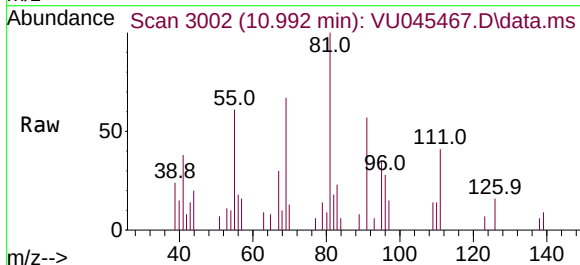
Instrument :
MSVOA_U
ClientSampleId :

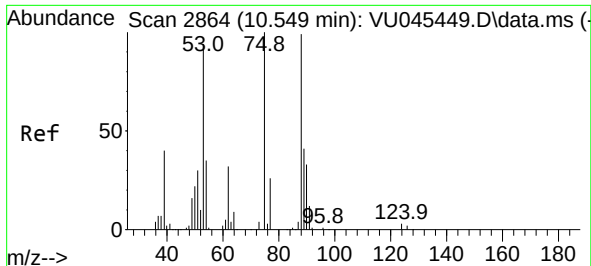
Tgt Ion: 91 Resp: 3983
Ion Ratio Lower Upper
91 100
120 20.0 10.9 32.7



#79
2-Chlorotoluene
Concen: 0.217 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Tgt Ion: 91 Resp: 2124
Ion Ratio Lower Upper
91 100
126 19.3 15.6 46.8

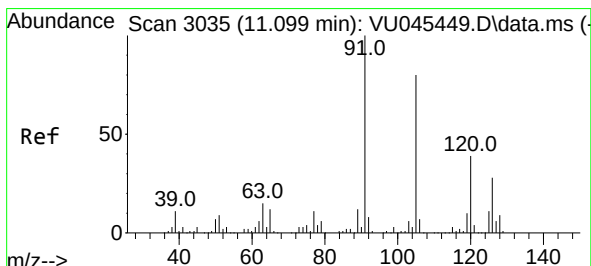
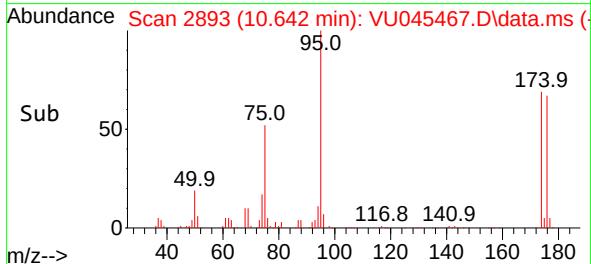
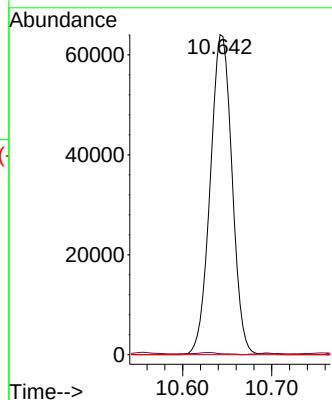
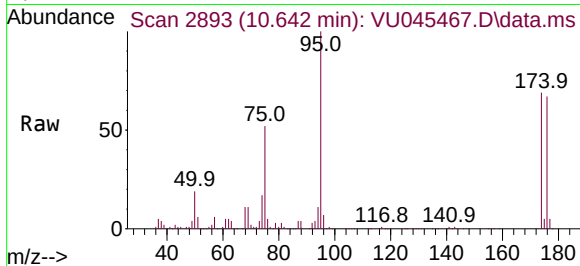




#81
trans-1,4-Dichloro-2-butene
Concen: 56.811 ug/l
RT: 10.642 min Scan# 21
Delta R.T. 0.093 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

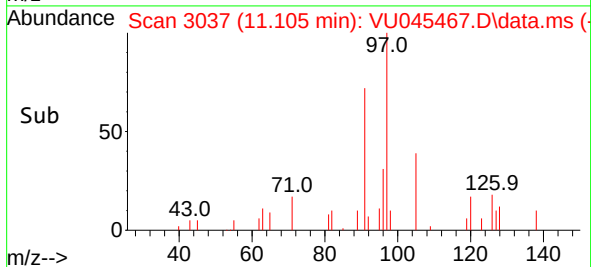
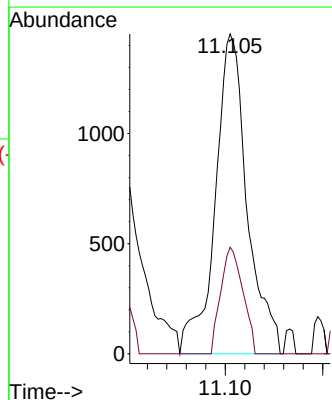
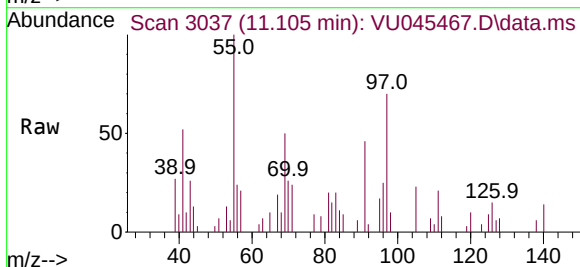
Instrument :
MSVOA_U
ClientSampleId :

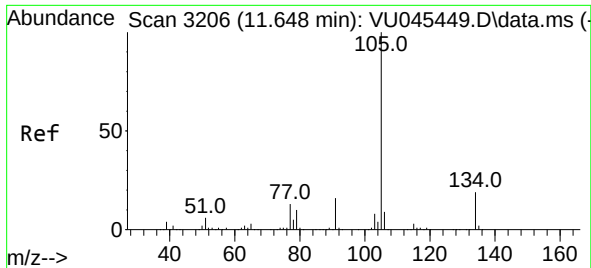
Tgt Ion: 75 Resp: 108681
Ion Ratio Lower Upper
75 100
53 0.7 76.2 114.4#
89 0.0 34.0 51.0#



#82
4-Chlorotoluene
Concen: 0.297 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.006 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Tgt Ion: 91 Resp: 3310
Ion Ratio Lower Upper
91 100
126 23.0 13.8 41.4

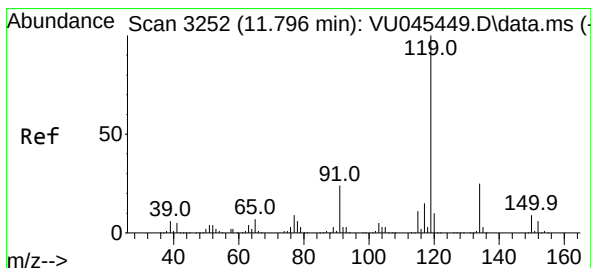
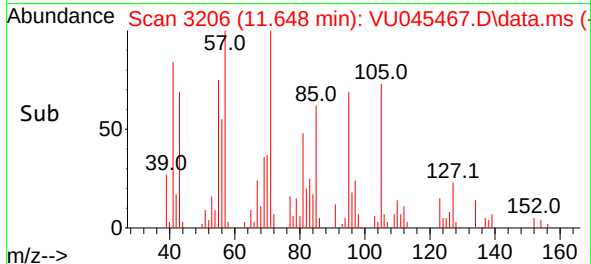
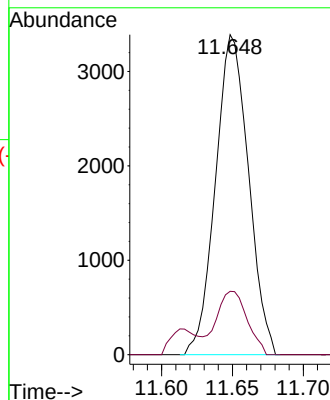
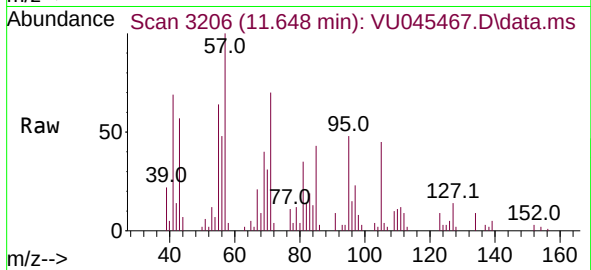




#85
 sec-Butylbenzene
 Concen: 0.383 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU045467.D
 Acq: 29 Oct 2021 16:31

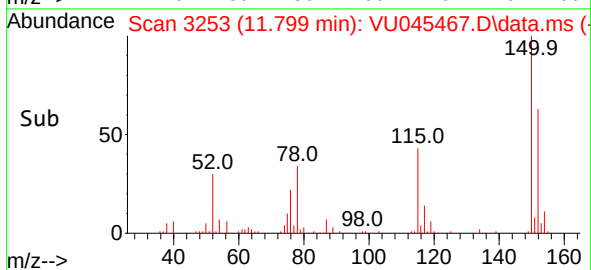
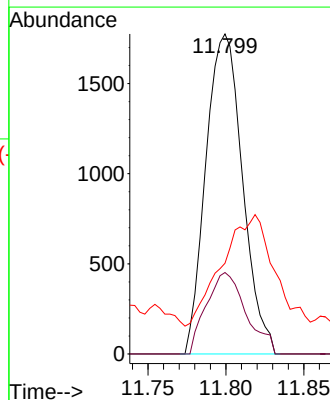
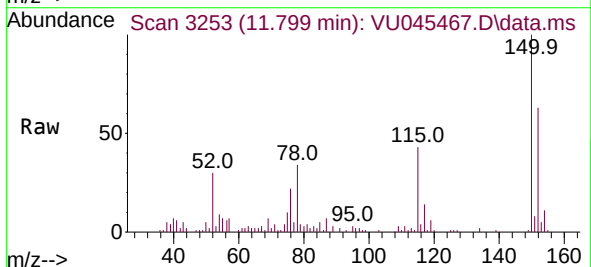
Instrument :
 MSVOA_U
 ClientSampleId :

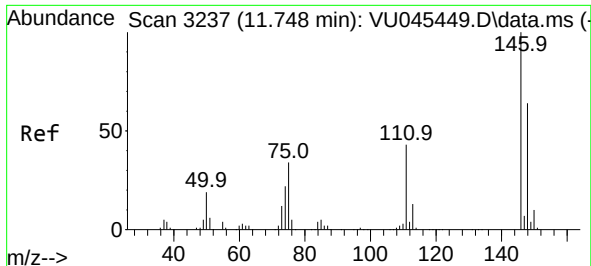
Tgt Ion:105 Resp: 5489
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 0.416 ug/l
 RT: 11.799 min Scan# 3253
 Delta R.T. 0.003 min
 Lab File: VU045467.D
 Acq: 29 Oct 2021 16:31

Tgt Ion:119 Resp: 2910
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.7 38.1
 91 48.4 12.2 36.4#





#87

1,3-Dichlorobenzene

Concen: 0.294 ug/l

RT: 11.751 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045467.D

Acq: 29 Oct 2021 16:31

Instrument :

MSVOA_U

ClientSampleId :

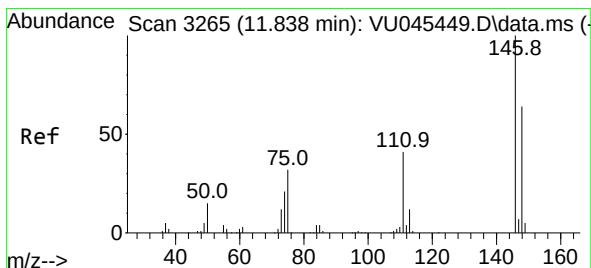
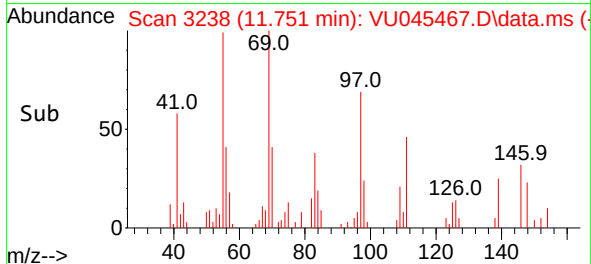
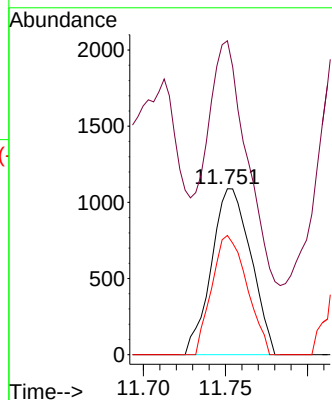
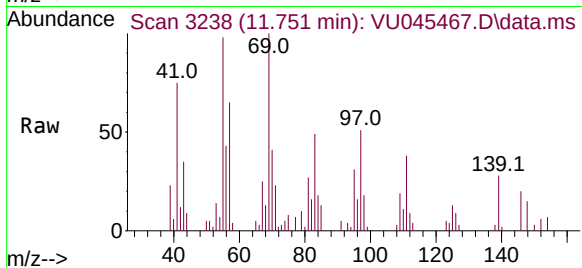
Tgt Ion:146 Resp: 1821

Ion Ratio Lower Upper

146 100

111 148.3 21.3 63.9#

148 63.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 0.297 ug/l

RT: 11.841 min Scan# 3266

Delta R.T. 0.003 min

Lab File: VU045467.D

Acq: 29 Oct 2021 16:31

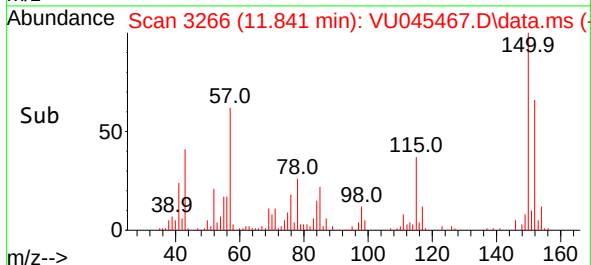
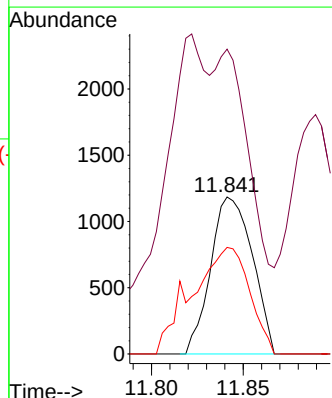
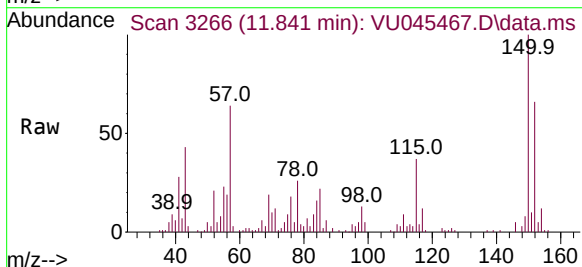
Tgt Ion:146 Resp: 1879

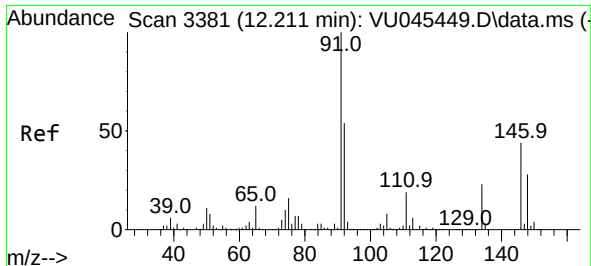
Ion Ratio Lower Upper

146 100

111 154.6 20.6 61.9#

148 93.3 31.9 95.7





#89

n-Butylbenzene

Concen: 1.690 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045467.D

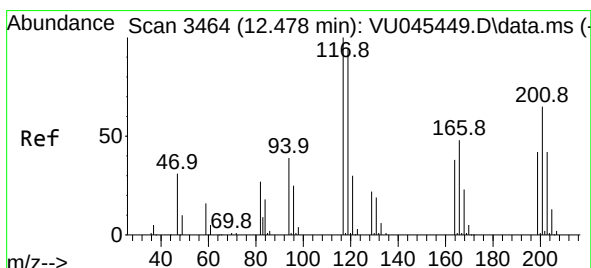
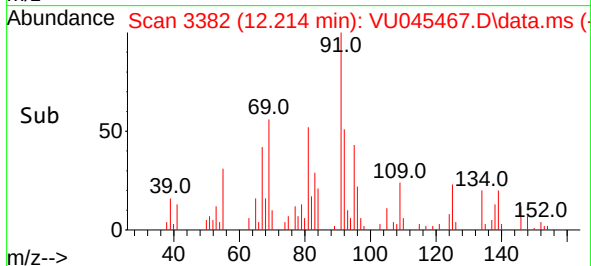
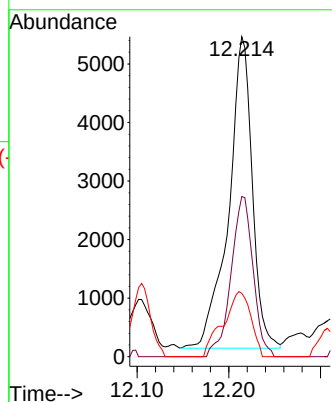
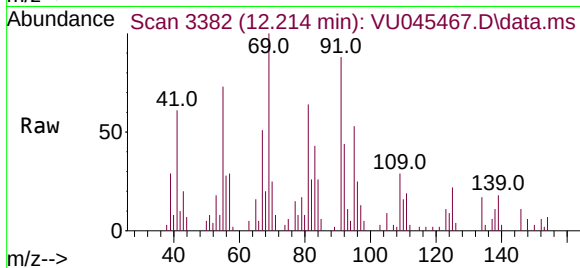
Acq: 29 Oct 2021 16:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 91	Resp:	9510
Ion	Ratio	Lower Upper
91	100	
92	47.9	27.1 81.2
134	24.5	11.8 35.4



#90

Hexachloroethane

Concen: 1.008 ug/l

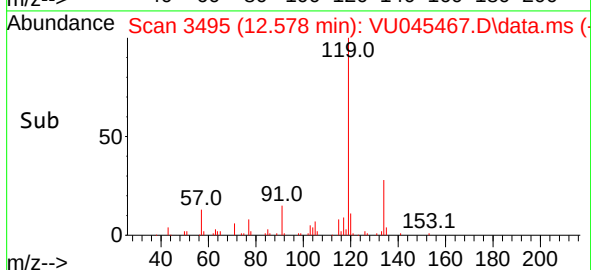
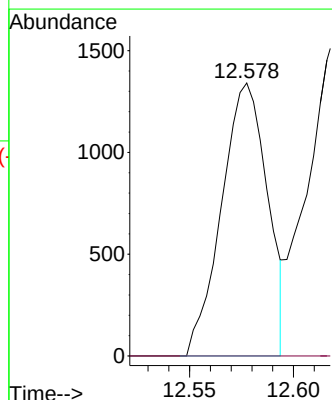
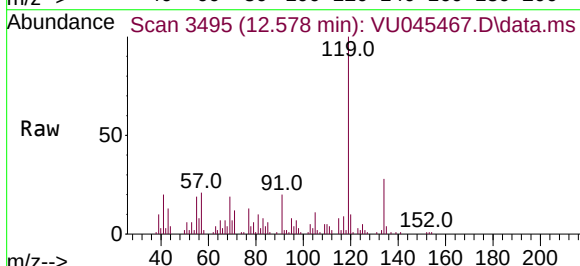
RT: 12.578 min Scan# 3495

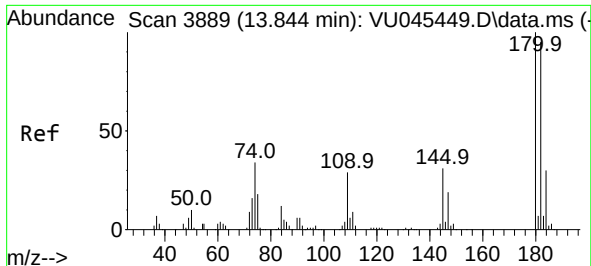
Delta R.T. 0.100 min

Lab File: VU045467.D

Acq: 29 Oct 2021 16:31

Tgt Ion: 117	Resp:	2060
Ion	Ratio	Lower Upper
117	100	
201	0.0	33.8 101.4#

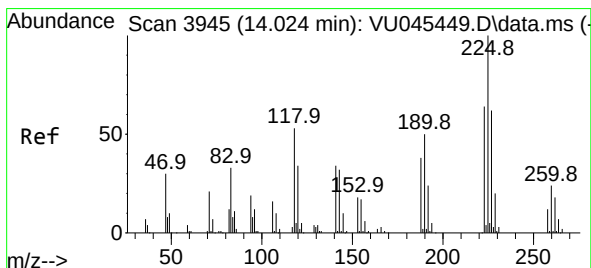
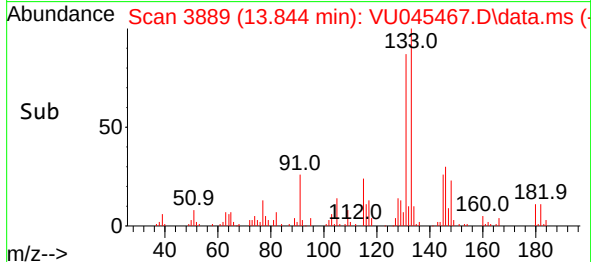
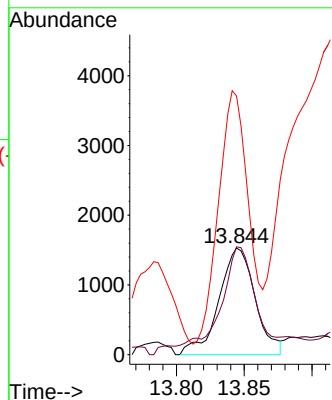
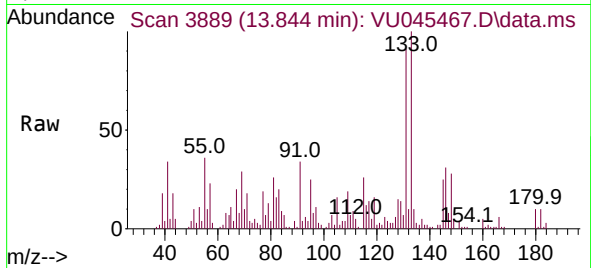




#93
 1,2,4-Trichlorobenzene
 Concen: 0.688 ug/l
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU045467.D
 Acq: 29 Oct 2021 16:31

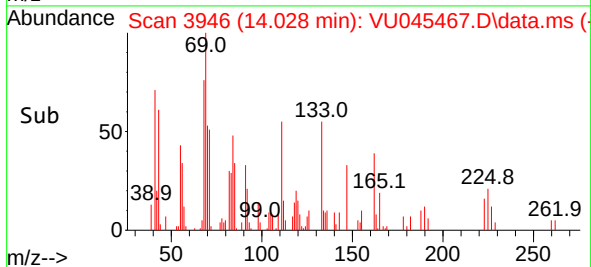
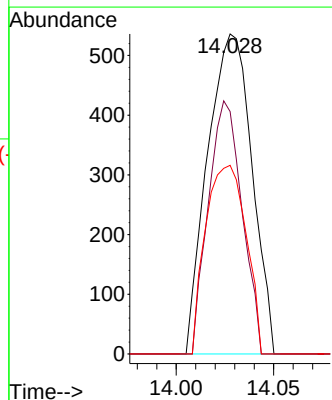
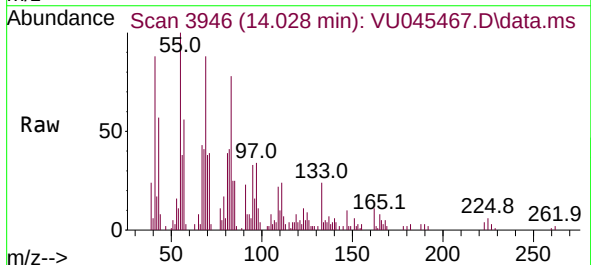
Instrument :
 MSVOA_U
 ClientSampleId :

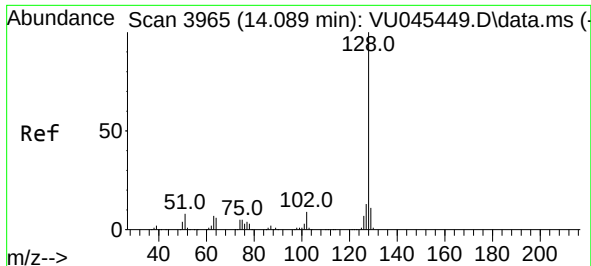
Tgt Ion:180 Resp: 2851
 Ion Ratio Lower Upper
 180 100
 182 103.7 47.0 141.2
 145 203.4 15.6 46.7#



#94
 Hexachlorobutadiene
 Concen: 0.563 ug/l
 RT: 14.028 min Scan# 3946
 Delta R.T. 0.003 min
 Lab File: VU045467.D
 Acq: 29 Oct 2021 16:31

Tgt Ion:225 Resp: 849
 Ion Ratio Lower Upper
 225 100
 223 60.1 32.0 96.2
 227 53.6 31.1 93.5

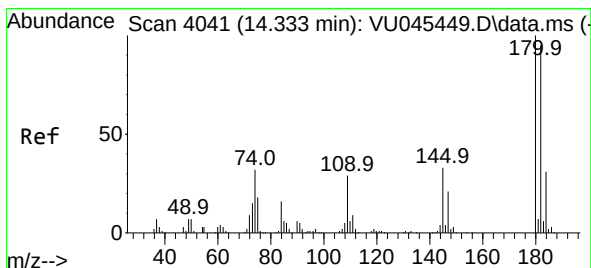
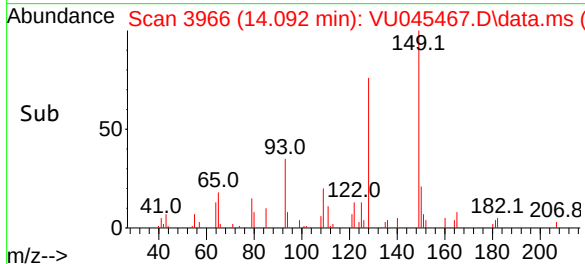
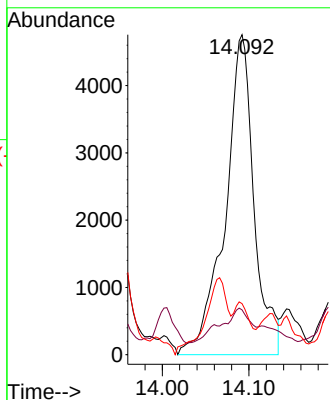
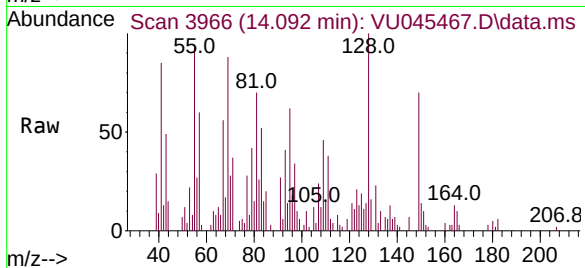




#95
Naphthalene
Concen: 0.773 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 11040
Ion Ratio Lower Upper
128 100
127 2.8 10.6 15.8#
129 6.4 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.521 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045467.D
Acq: 29 Oct 2021 16:31

Tgt Ion:180 Resp: 2175
Ion Ratio Lower Upper
180 100
182 85.6 47.7 143.1
145 502.2 16.7 50.0#

