

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048683.D
 Acq On : 27 May 2022 10:42
 Operator : SY/MD
 Sample : VU0527WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBL01

Quant Time: May 28 00:15:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

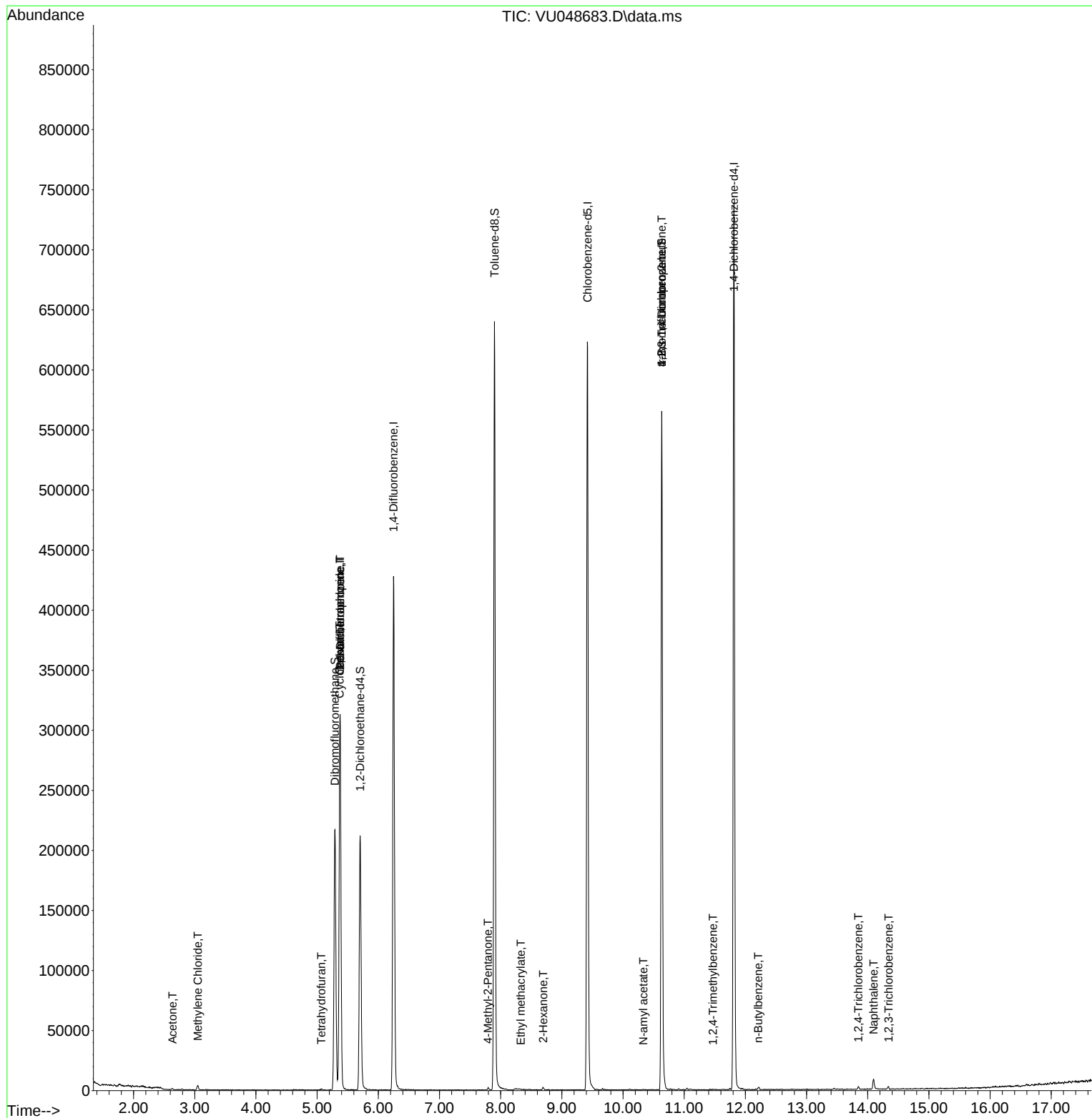
Internal Standards						
1) Pentafluorobenzene	5.375	168	216424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	341869	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	352602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	200763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	166315	51.170	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.340%			
35) Dibromofluoromethane	5.292	113	141997	58.220	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.440%			
50) Toluene-d8	7.899	98	424892	48.599	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.200%			
62) 4-Bromofluorobenzene	10.632	95	190209	57.526	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.060%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.983	94	21	Below Cal	#	3
6) Chloroethane	1.944	64	190	Below Cal	#	43
16) Acetone	2.639	43	904	0.546	ug/l #	42
20) Methylene Chloride	3.051	84	1823	0.647	ug/l	96
29) Tetrahydrofuran	5.070	42	434	0.290	ug/l #	31
31) Cyclohexane	5.369	56	4432	1.082	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	17610	4.947	ug/l #	48
38) Carbon Tetrachloride	5.372	117	21873	5.356	ug/l #	17
51) 4-Methyl-2-Pentanone	7.793	43	1307	0.308	ug/l	94
56) Ethyl methacrylate	8.330	69	45	2.623	ug/l #	26
59) 2-Hexanone	8.697	43	1785	0.513	ug/l	85
74) N-amyl acetate	10.330	43	356	2.518	ug/l #	41
76) 1,2,3-Trichloropropane	10.632	75	98935	15.284	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	98935	55.494	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.471	105	467	1.224	ug/l #	38
89) n-Butylbenzene	12.211	91	984	2.266	ug/l #	78
93) 1,2,4-Trichlorobenzene	13.848	180	1120	0.248	ug/l	84
95) Naphthalene	14.095	128	8529	3.045	ug/l	97
96) 1,2,3-Trichlorobenzene	14.343	180	1005	0.224	ug/l	92

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

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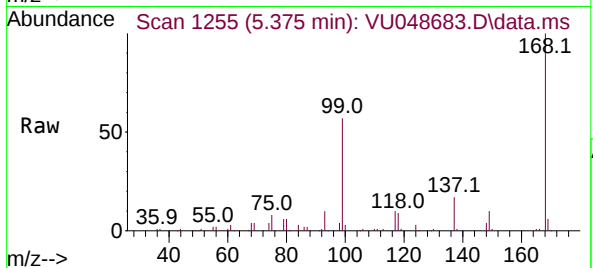
Quant Time: May 28 00:15:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration



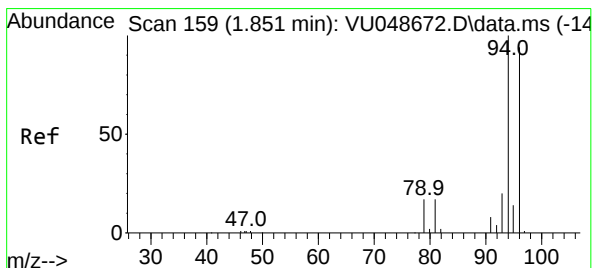
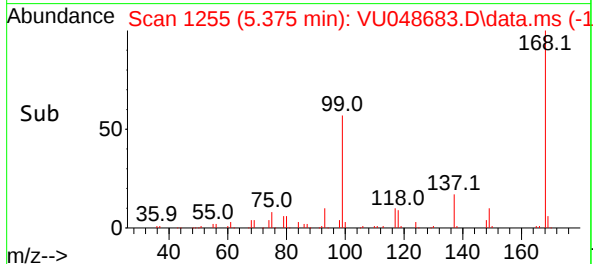
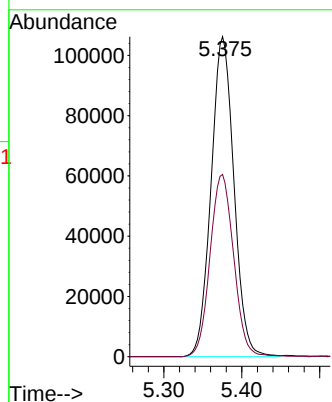


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL01

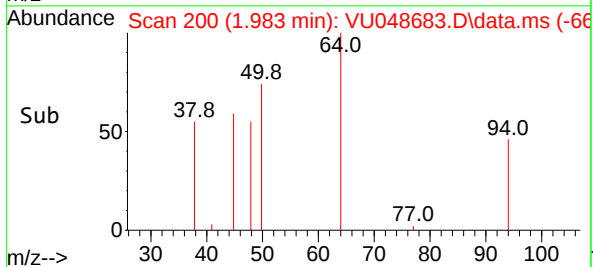
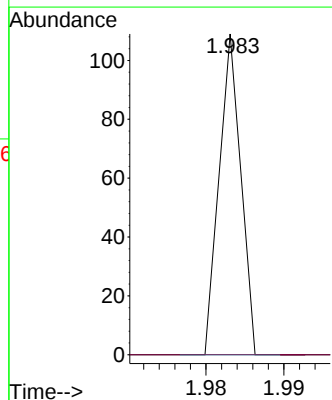
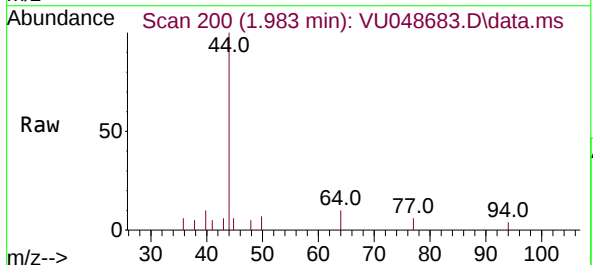


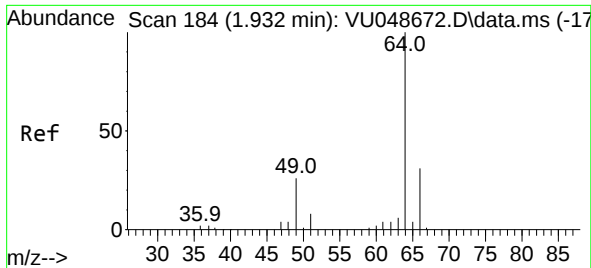
Tgt Ion:168 Resp: 216424
Ion Ratio Lower Upper
168 100
99 56.9 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.983 min Scan# 200
Delta R.T. 0.132 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

Tgt Ion: 94 Resp: 21
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

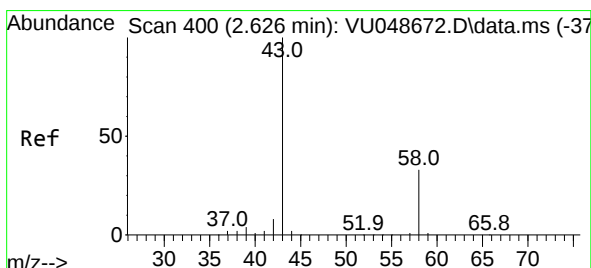
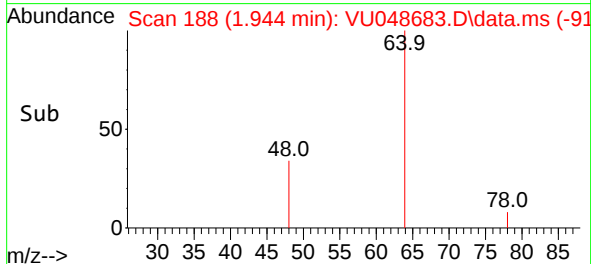
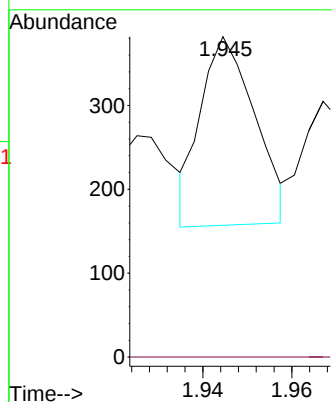
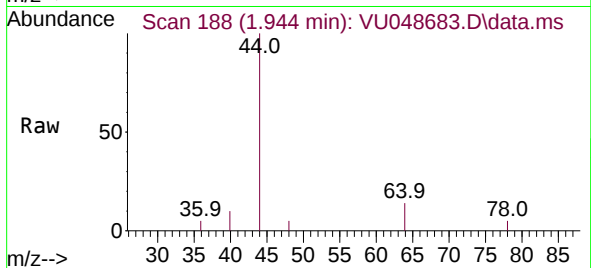




#6
Chloroethane
Concen: Below Cal
RT: 1.944 min Scan# 11
Delta R.T. 0.012 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

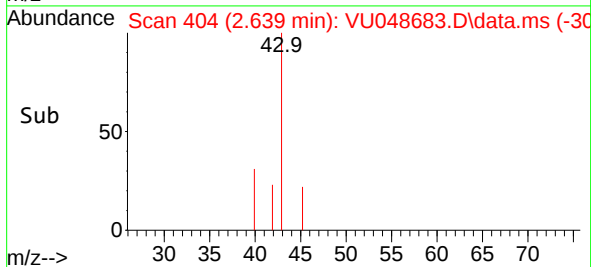
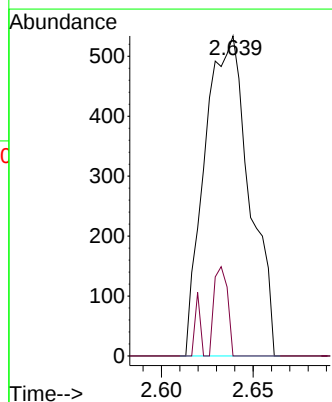
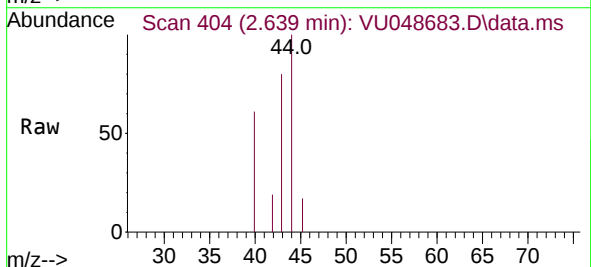
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL01

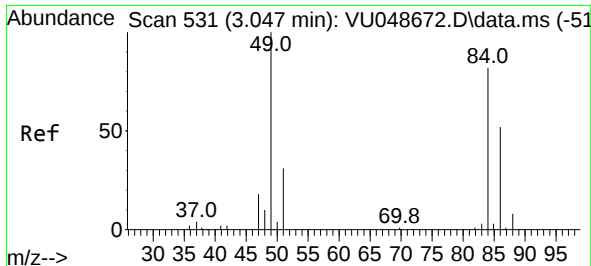
Tgt Ion: 64 Resp: 190
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#



#16
Acetone
Concen: 0.546 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.013 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

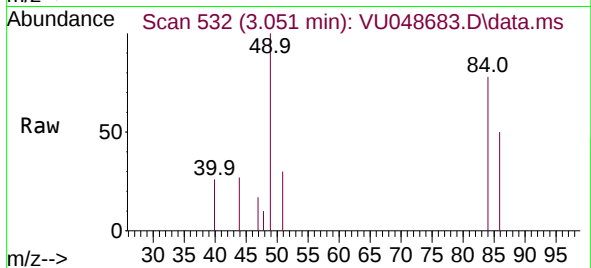
Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
58 0.0 26.3 39.5#



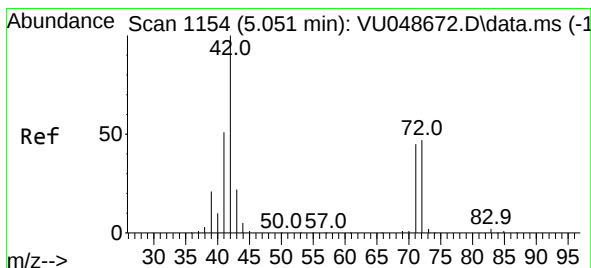
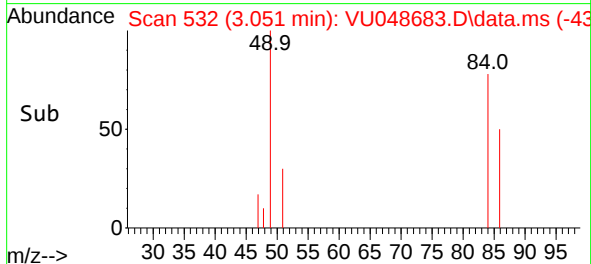
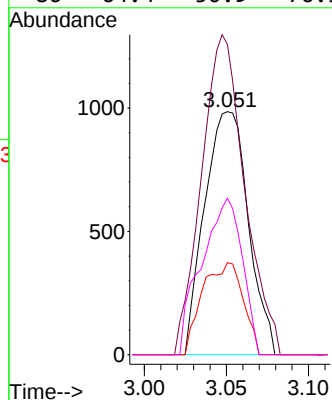


#20
Methylene Chloride
Concen: 0.647 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL01

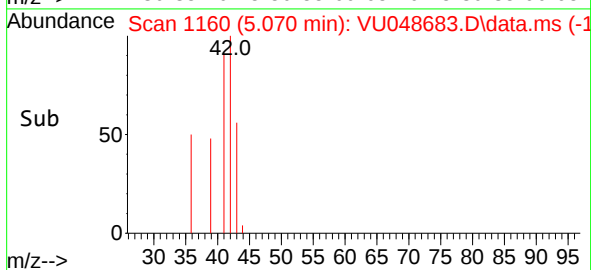
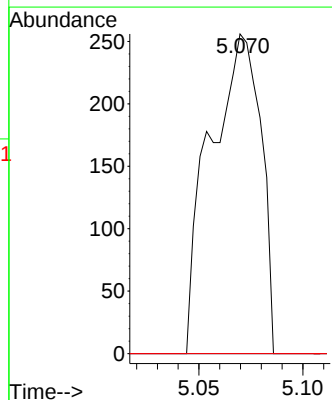
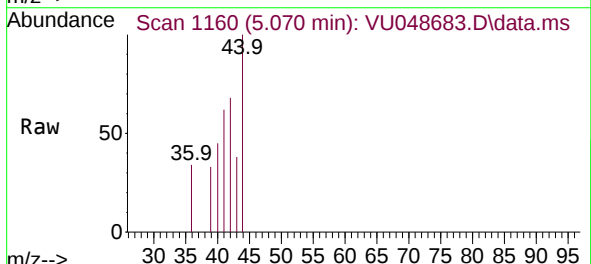


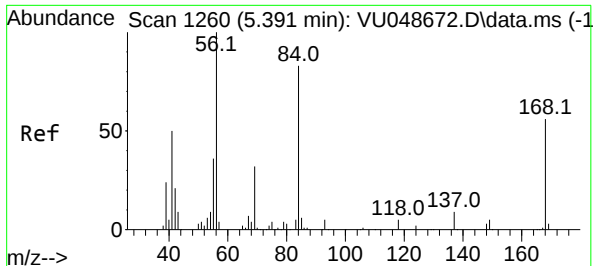
Tgt Ion:	84	Resp:	1823
Ion	Ratio	Lower	Upper
84	100		
49	127.7	97.0	145.4
51	37.8	29.8	44.8
86	64.4	50.9	76.3



#29
Tetrahydrofuran
Concen: 0.290 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.019 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

Tgt Ion:	42	Resp:	434
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.6	56.4#
71	0.0	35.0	52.4#





#31

Cyclohexane

Concen: 1.082 ug/l

RT: 5.369 min Scan# 11

Delta R.T. -0.023 min

Lab File: VU048683.D

Acq: 27 May 2022 10:42

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBL01

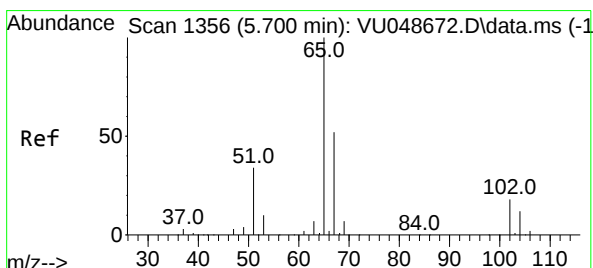
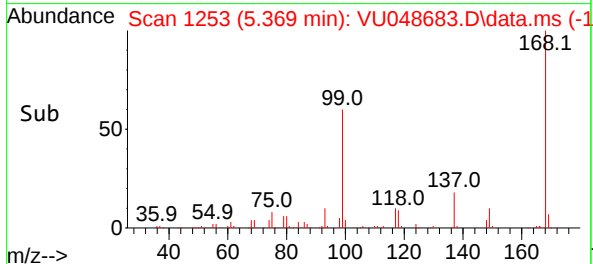
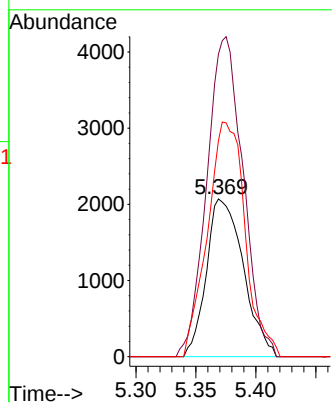
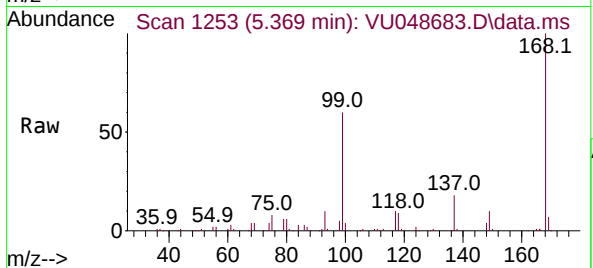
Tgt Ion: 56 Resp: 4432

Ion Ratio Lower Upper

56 100

69 191.8 25.6 38.4#

84 136.9 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 51.170 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048683.D

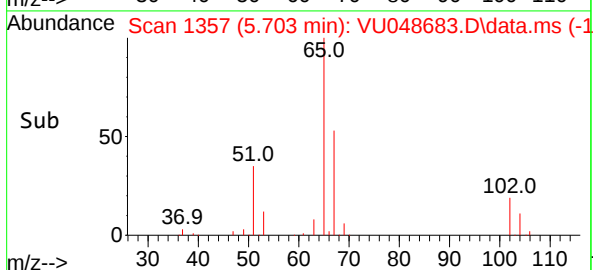
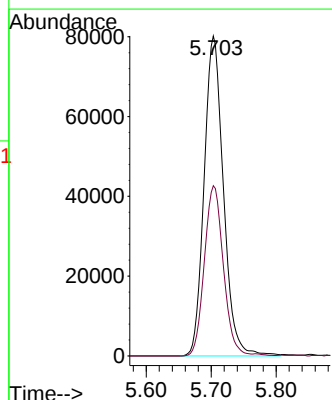
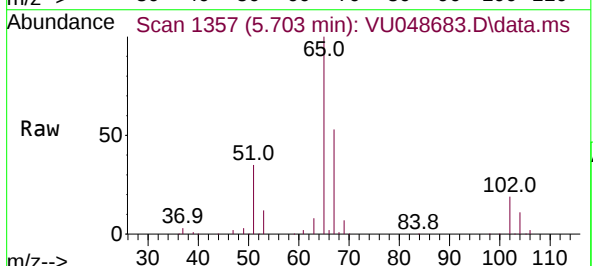
Acq: 27 May 2022 10:42

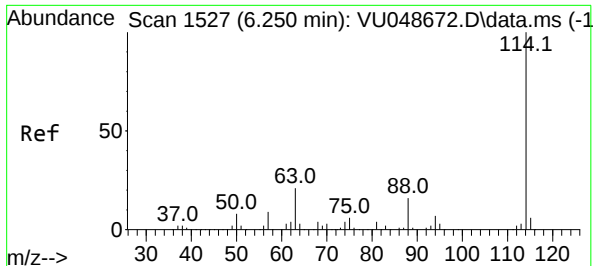
Tgt Ion: 65 Resp: 166315

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048683.D

Acq: 27 May 2022 10:42

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ClientSampleId :

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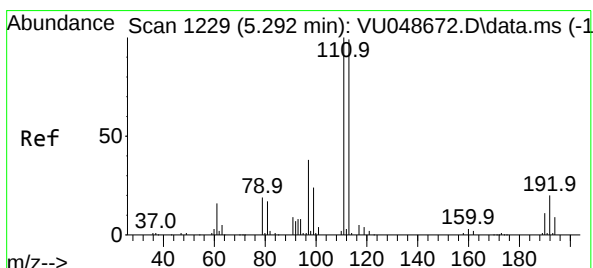
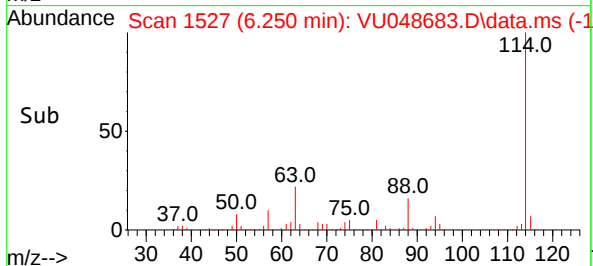
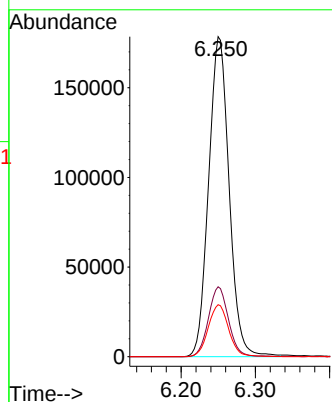
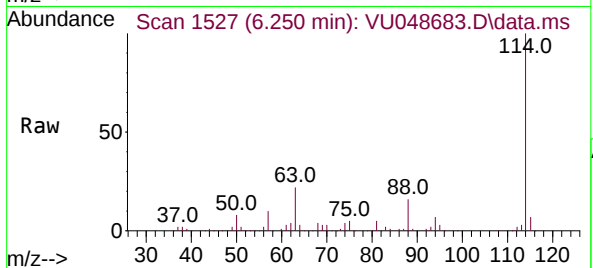
Tgt Ion:114 Resp: 341869

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

88 16.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 58.220 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU048683.D

Acq: 27 May 2022 10:42

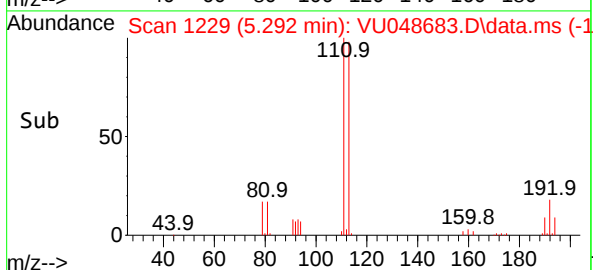
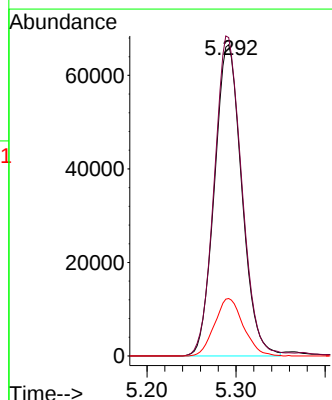
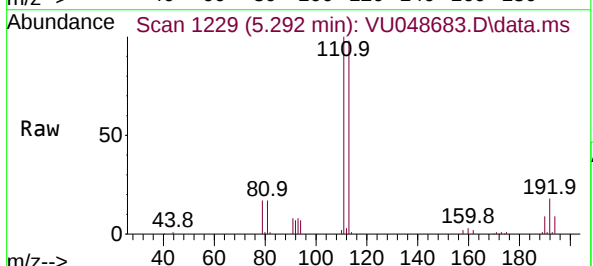
Tgt Ion:113 Resp: 141997

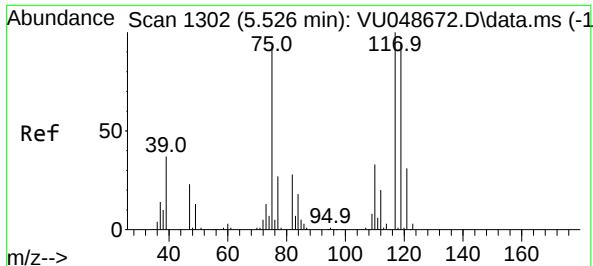
Ion Ratio Lower Upper

113 100

111 103.6 80.7 121.1

192 19.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.947 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.151 min

Lab File: VU048683.D

Acq: 27 May 2022 10:42

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBL01

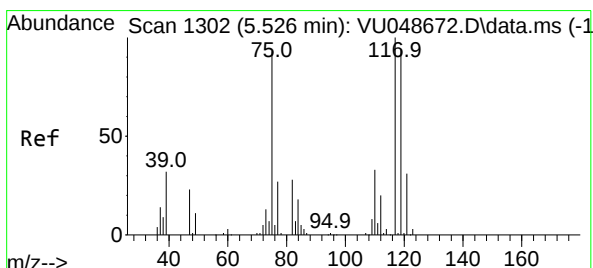
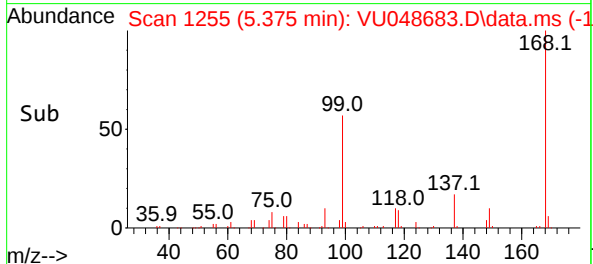
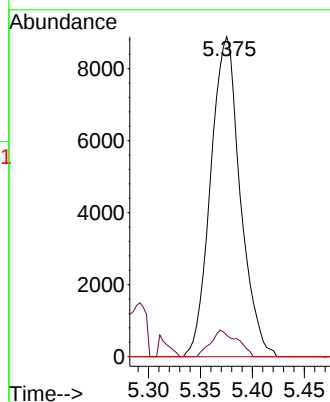
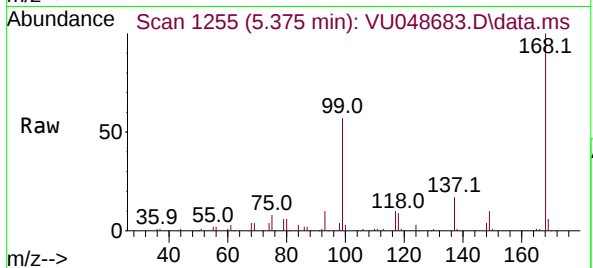
Tgt Ion: 75 Resp: 17610

Ion Ratio Lower Upper

75 100

110 7.3 17.4 52.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.356 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.154 min

Lab File: VU048683.D

Acq: 27 May 2022 10:42

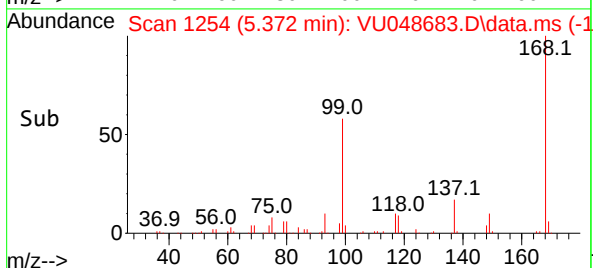
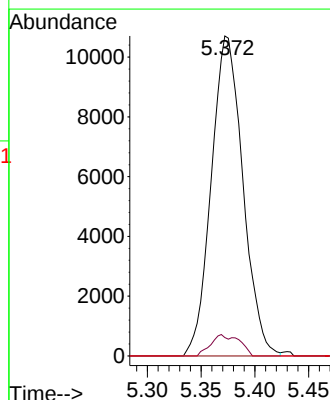
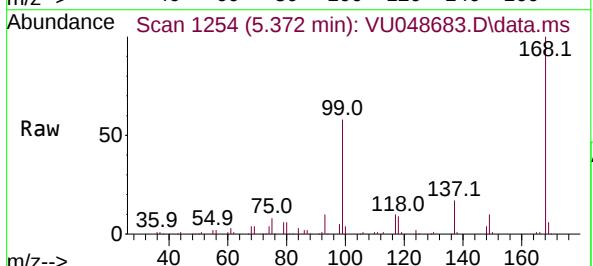
Tgt Ion: 117 Resp: 21873

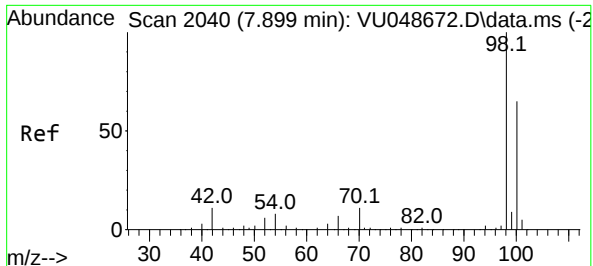
Ion Ratio Lower Upper

117 100

119 5.8 75.4 113.2#

121 0.0 24.6 36.8#

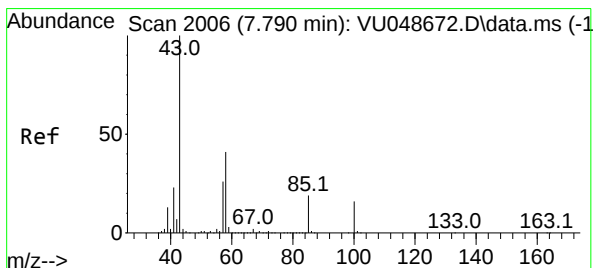
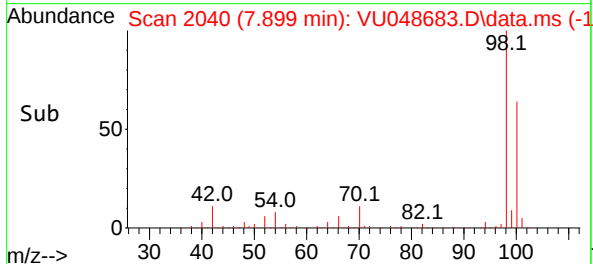
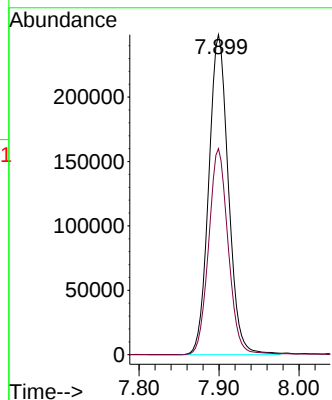
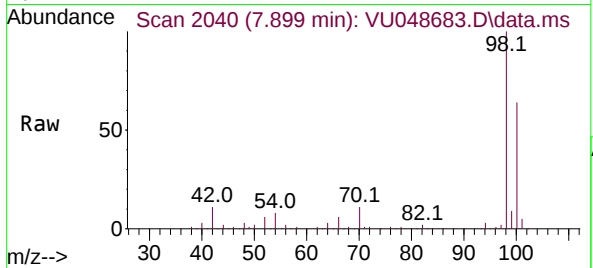




#50
Toluene-d8
Concen: 48.599 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

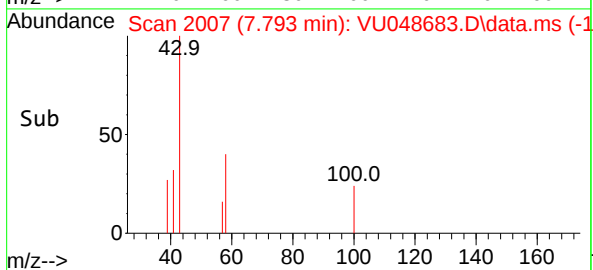
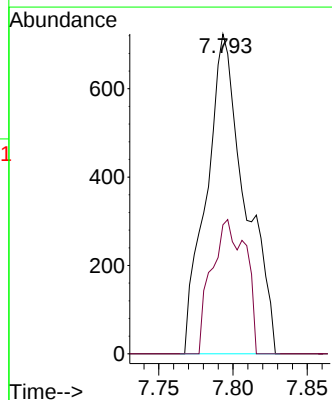
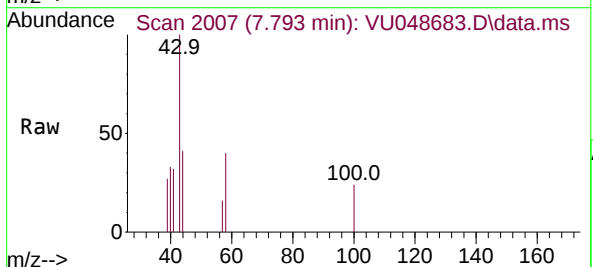
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL01

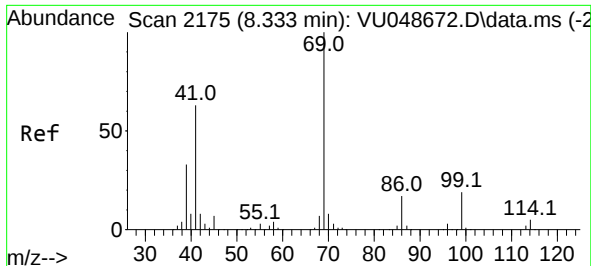
Tgt Ion: 98 Resp: 424892
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.308 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
58 37.0 32.7 49.1

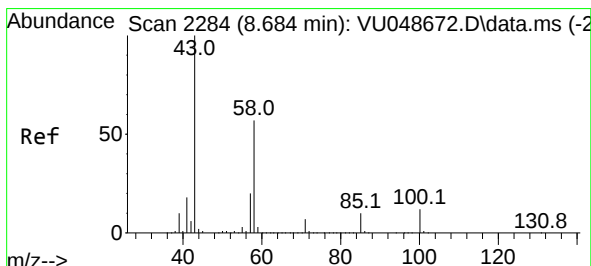
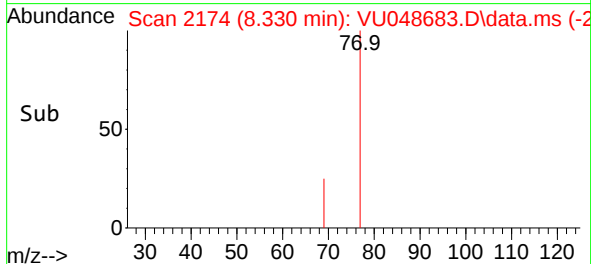
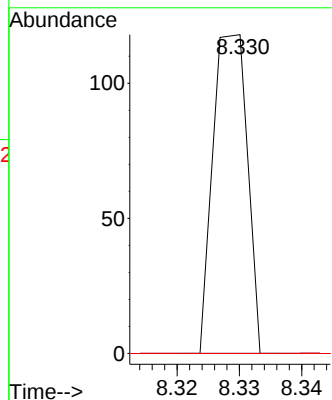
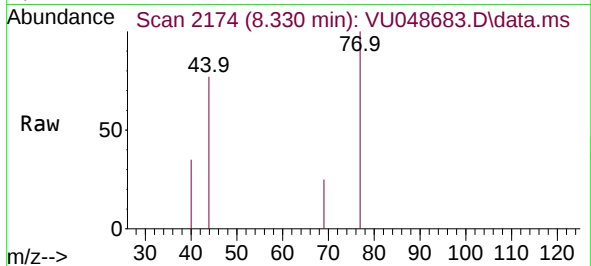




#56
Ethyl methacrylate
Concen: 2.623 ug/l
RT: 8.330 min Scan# 2175
Delta R.T. -0.003 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

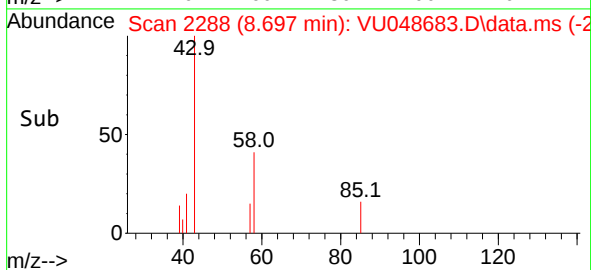
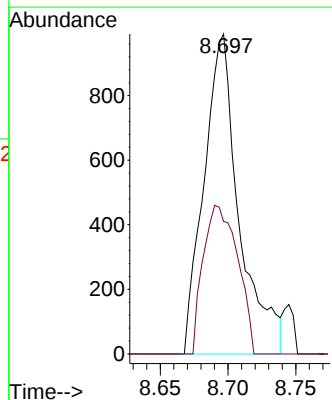
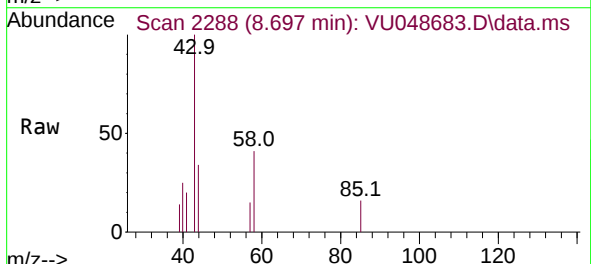
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL01

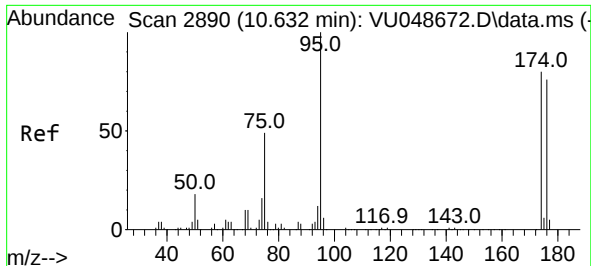
Tgt Ion: 69 Resp: 45
Ion Ratio Lower Upper
69 100
41 0.0 50.6 76.0#
39 0.0 26.6 40.0#



#59
2-Hexanone
Concen: 0.513 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.013 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

Tgt Ion: 43 Resp: 1785
Ion Ratio Lower Upper
43 100
58 45.4 28.2 84.6





#62

4-Bromofluorobenzene

Concen: 57.526 ug/l

RT: 10.632 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048683.D

Acq: 27 May 2022 10:42

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBL01

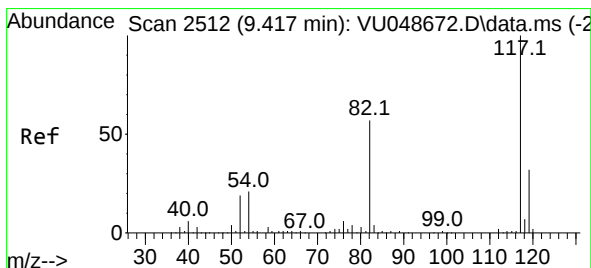
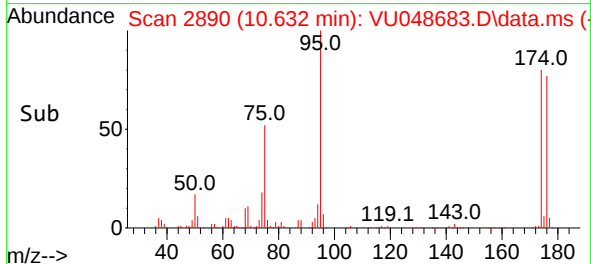
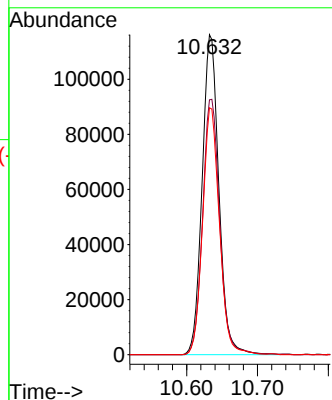
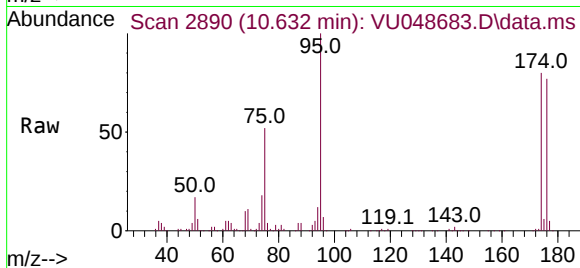
Tgt Ion: 95 Resp: 190209

Ion Ratio Lower Upper

95 100

174 81.6 0.0 159.4

176 77.6 0.0 152.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2513

Delta R.T. 0.003 min

Lab File: VU048683.D

Acq: 27 May 2022 10:42

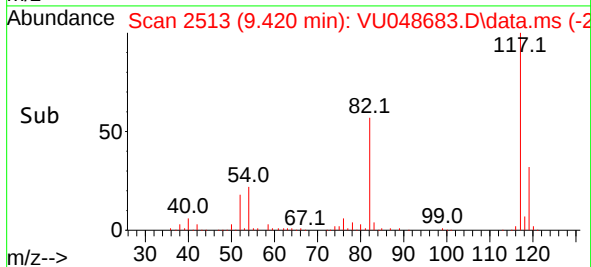
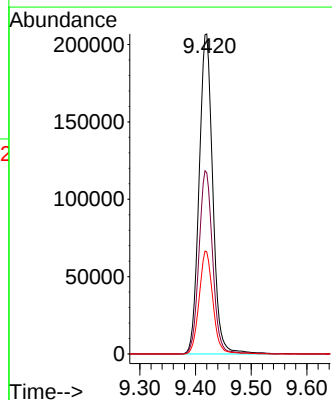
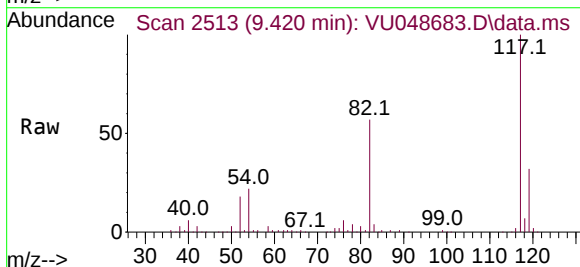
Tgt Ion: 117 Resp: 352602

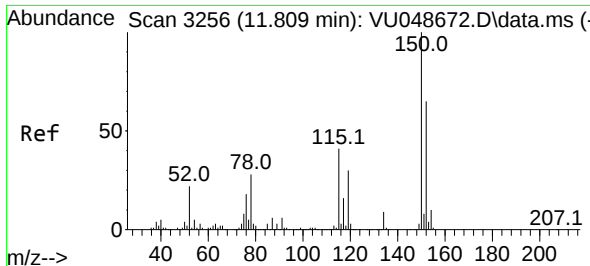
Ion Ratio Lower Upper

117 100

82 56.7 45.3 67.9

119 31.9 25.4 38.2

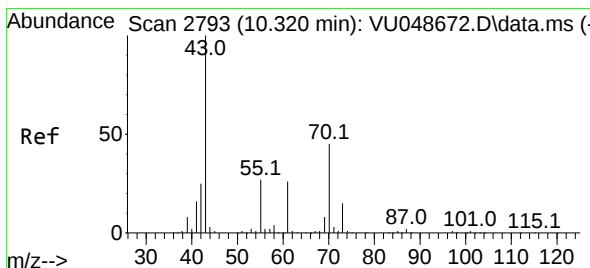
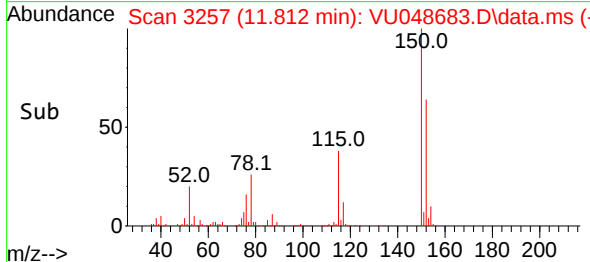
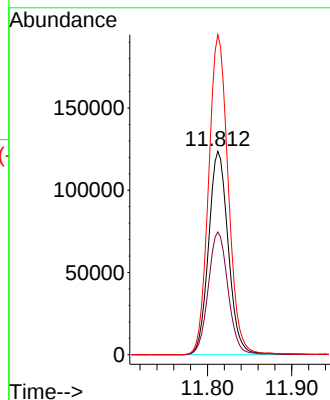
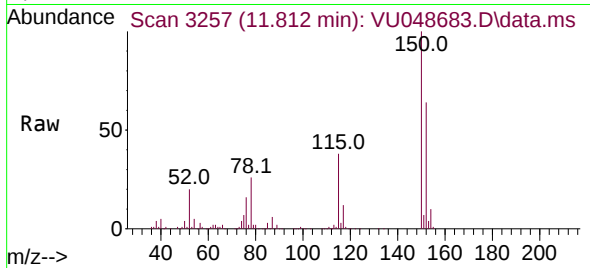




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

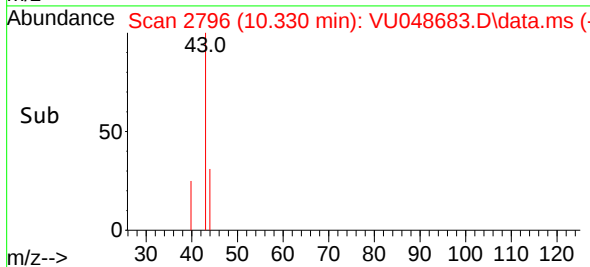
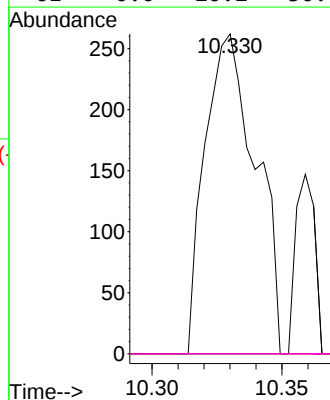
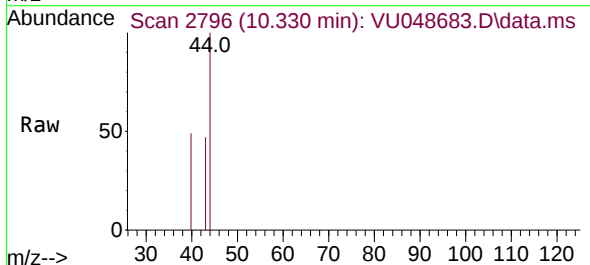
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL01

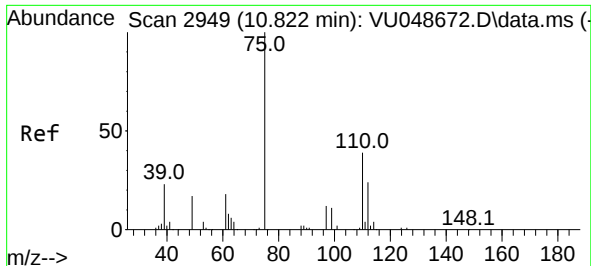
Tgt Ion:152 Resp: 200763
Ion Ratio Lower Upper
152 100
115 60.6 41.8 125.4
150 157.5 0.0 341.0



#74
N-ethyl acetate
Concen: 2.518 ug/l
RT: 10.330 min Scan# 2796
Delta R.T. 0.010 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

Tgt Ion: 43 Resp: 356
Ion Ratio Lower Upper
43 100
70 0.0 35.8 53.6#
55 0.0 21.1 31.7#
61 0.0 20.2 30.4#

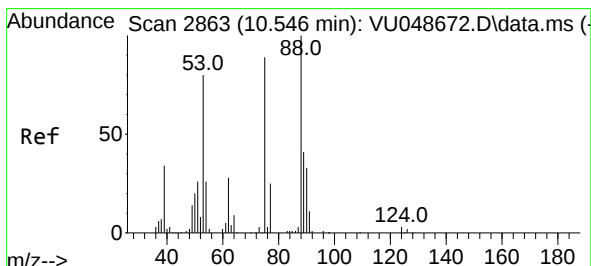
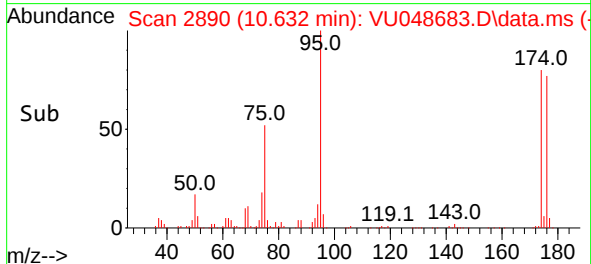
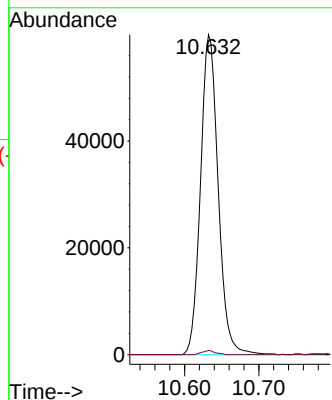
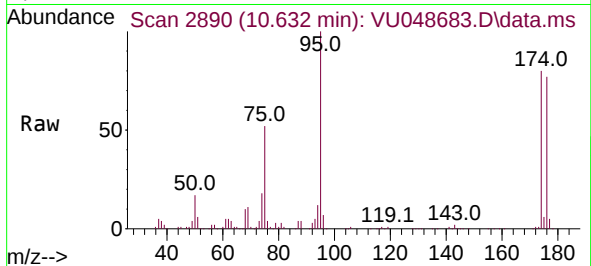




#76
1,2,3-Trichloropropane
Concen: 15.284 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

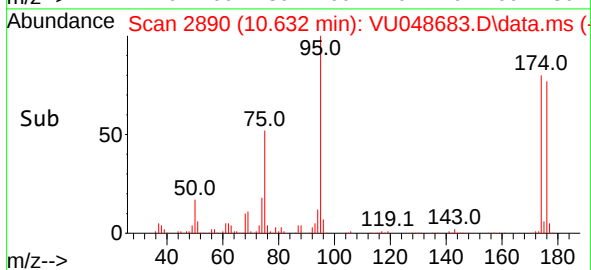
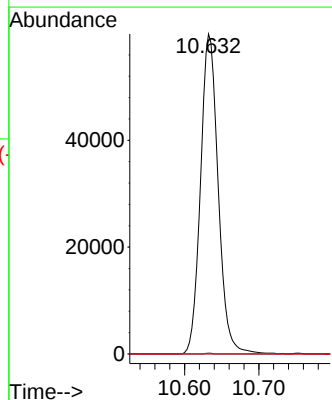
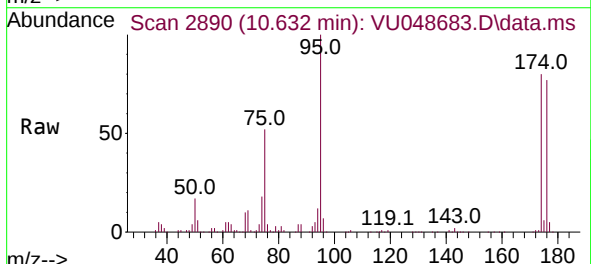
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL01

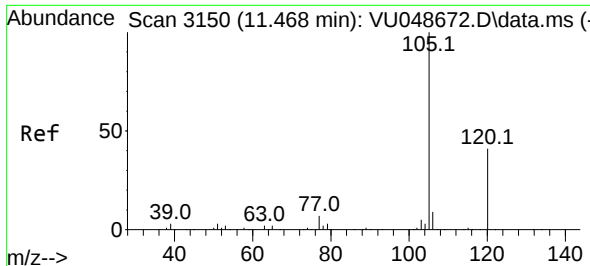
Tgt Ion: 75 Resp: 98935
Ion Ratio Lower Upper
75 100
77 1.0 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.494 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

Tgt Ion: 75 Resp: 98935
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#

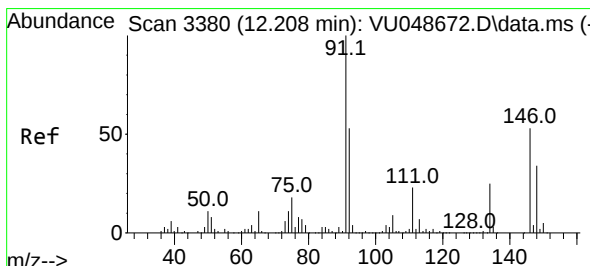
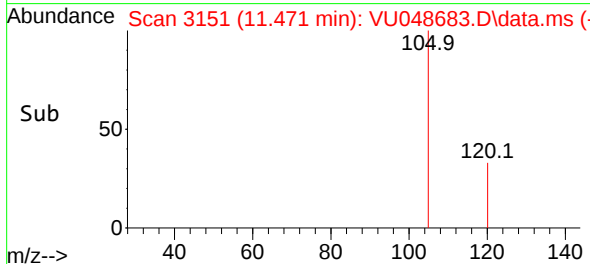
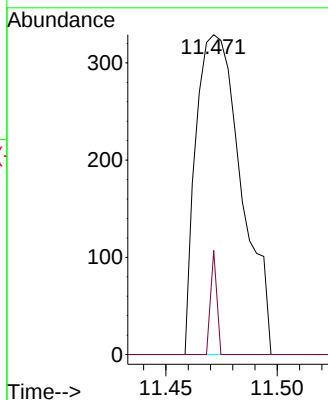
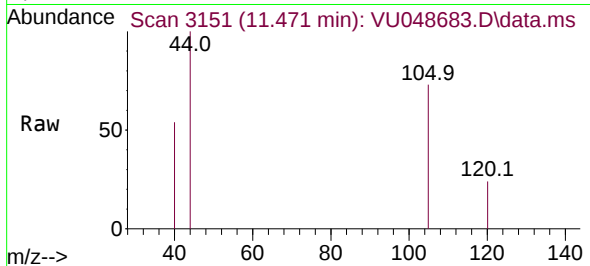




#84
1,2,4-Trimethylbenzene
Concen: 1.224 ug/l
RT: 11.471 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

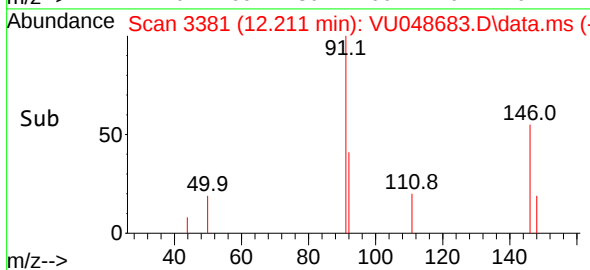
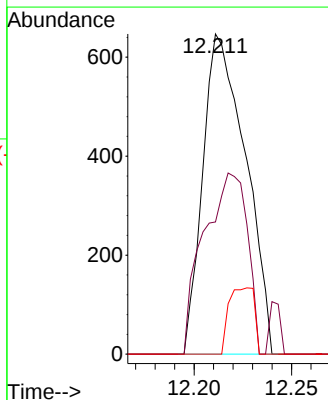
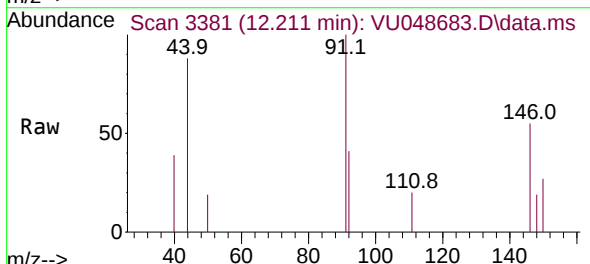
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL01

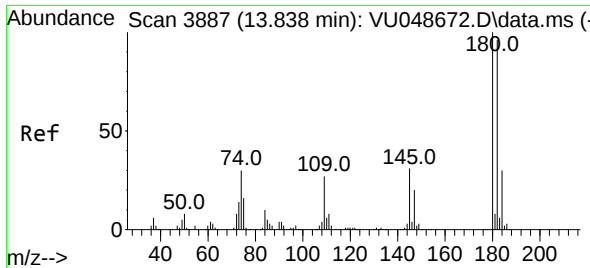
Tgt Ion:105 Resp: 467
Ion Ratio Lower Upper
105 100
120 4.5 22.5 67.5#



#89
n-Butylbenzene
Concen: 2.266 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

Tgt Ion: 91 Resp: 984
Ion Ratio Lower Upper
91 100
92 57.7 25.9 77.8
134 0.0 12.5 37.5#

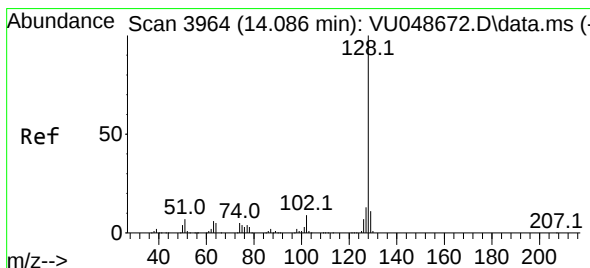
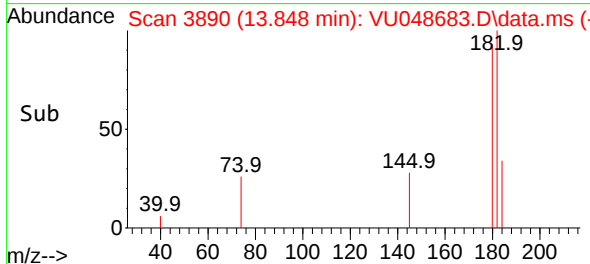
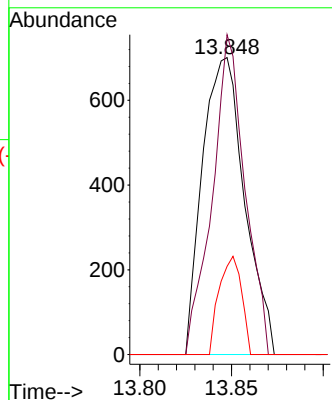
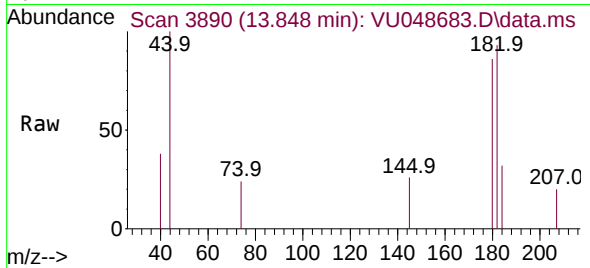




#93
1,2,4-Trichlorobenzene
Concen: 0.248 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.010 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

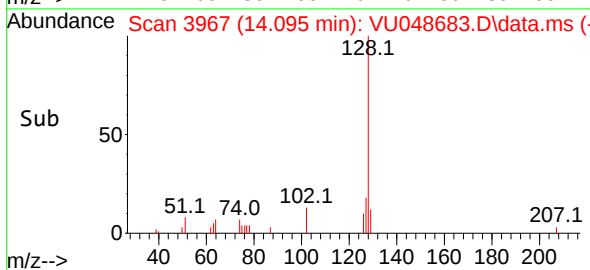
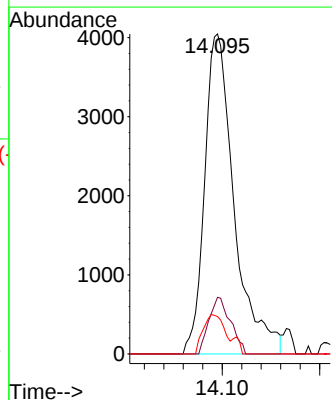
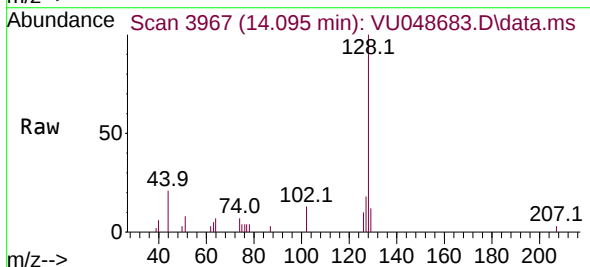
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBL01

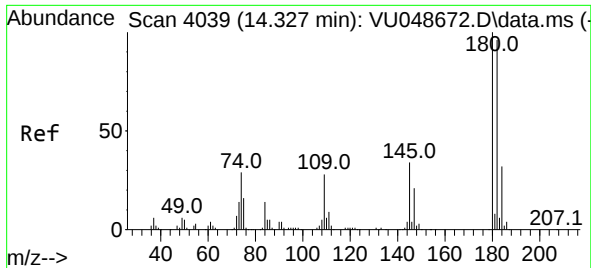
Tgt Ion:180	Resp:	1120
Ion Ratio	Lower	Upper
180	100	
182	83.7	48.3 144.9
145	17.6	15.6 46.7



#95
Naphthalene
Concen: 3.045 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU048683.D
Acq: 27 May 2022 10:42

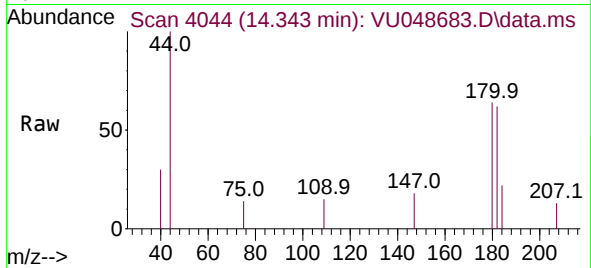
Tgt Ion:128	Resp:	8529
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.2 15.4
129	8.8	8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.224 ug/l
 RT: 14.343 min Scan# 4044
 Delta R.T. 0.016 min
 Lab File: VU048683.D
 Acq: 27 May 2022 10:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBL01



Tgt Ion:	180	Resp:	1005
Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.4	142.2
145	16.6	16.6	49.8

