

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
 Data File : VU048988.D
 Acq On : 09 Jun 2022 20:03
 Operator : SY/MD
 Sample : N3248-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

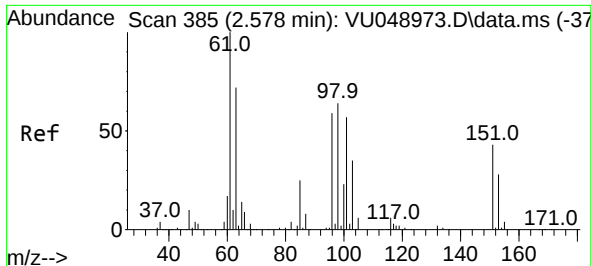
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY4

Quant Time: Jun 10 01:06:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 01:01:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	314606	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	301699	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	139782	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	104556	54.260	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.520%			
7) Chloroethane-d5	1.896	69	78750	54.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.100%			
11) 1,1-Dichloroethene-d2	2.562	63	147611	33.872	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.740%			
21) 2-Butanone-d5	4.620	46	227292	123.951	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 123.950%			
24) Chloroform-d	5.060	84	217050	44.575	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.140%			
26) 1,2-Dichloroethane-d4	5.700	65	145921	42.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.960%			
32) Benzene-d6	5.726	84	421814	50.237	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.480%			
36) 1,2-Dichloropropane-d6	6.690	67	144245	58.518	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 117.040%			
41) Toluene-d8	7.896	98	371070	46.984	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.960%			
43) trans-1,3-Dichloroprop...	8.179	79	66632	42.273	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.540%			
47) 2-Hexanone-d5	8.632	63	155331	114.905	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.910%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	226420	55.511	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 111.020%			
66) 1,2-Dichlorobenzene-d4	12.192	152	143312	50.152	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.300%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1410	0.638	ug/L #	17
12) 1,1-Dichloroethene	2.575	96	9884	4.829	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	85578	21.173	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	11845	4.758	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	321867	70.459	ug/L	98
31) Carbon tetrachloride	5.314	117	41674	10.010	ug/L	100
37) 1,2-Dichloropropane	6.690	63	15609	7.082	ug/L #	86
46) Tetrachloroethene	8.552	164	9381	4.610	ug/L	92
48) 2-Hexanone	8.632	43	18937	6.571	ug/L #	77
49) Dibromochloromethane	8.552	129	9587	3.159	ug/L #	12
60) 1,2,3-Trichloropropane	11.812	75	14939	5.389	ug/L #	63

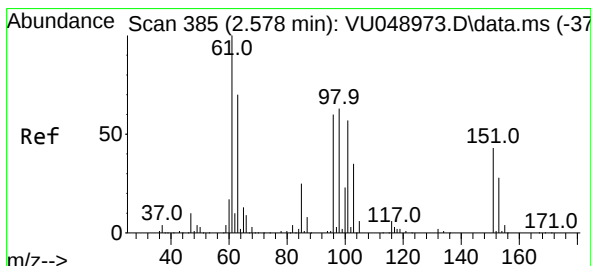
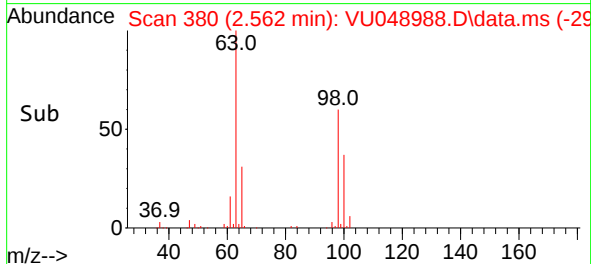
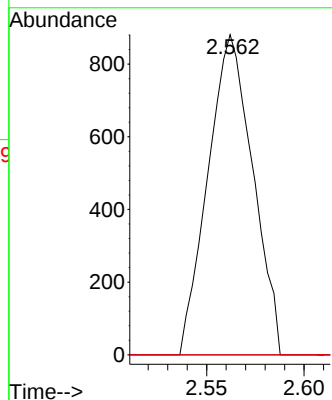
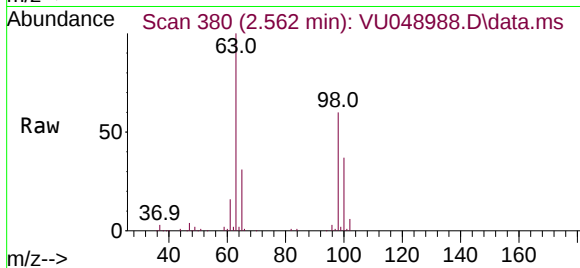
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.638 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU048988.D
 Acq: 09 Jun 2022 20:03

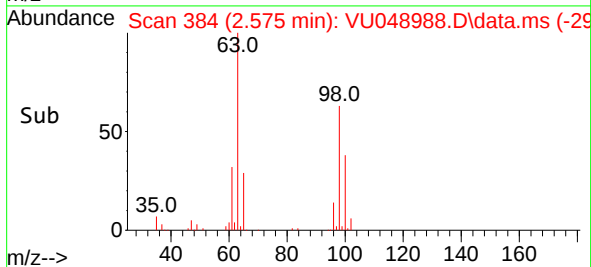
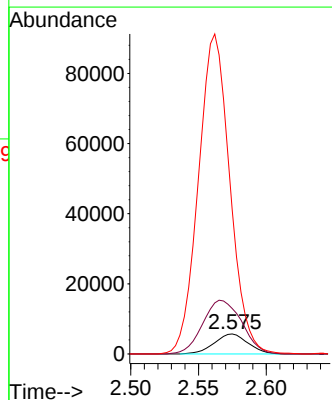
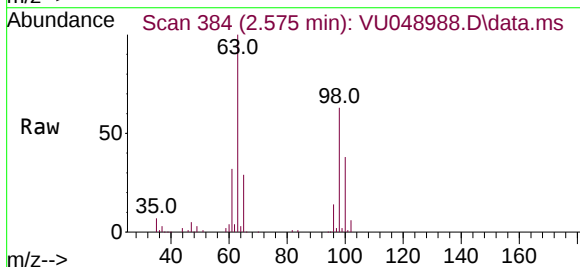
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY4

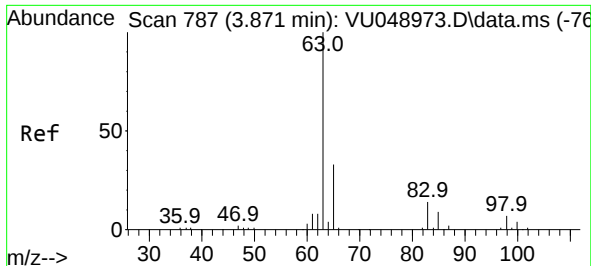
Tgt Ion:101 Resp: 1410
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.7 53.5#
 151 0.0 64.4 96.6#



#12
 1,1-Dichloroethene
 Concen: 4.829 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU048988.D
 Acq: 09 Jun 2022 20:03

Tgt Ion: 96 Resp: 9884
 Ion Ratio Lower Upper
 96 100
 61 226.6 120.6 224.0#
 63 718.5 82.3 152.9#





#19

1,1-Dichloroethane

Concen: 21.173 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU048988.D

Acq: 09 Jun 2022 20:03

Instrument :

MSVOA_U

ClientSampleId :

EXYY4

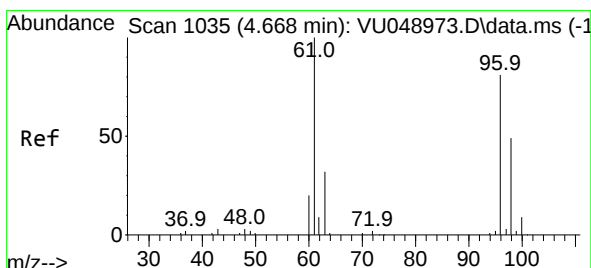
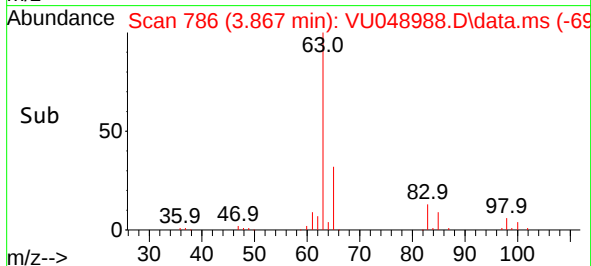
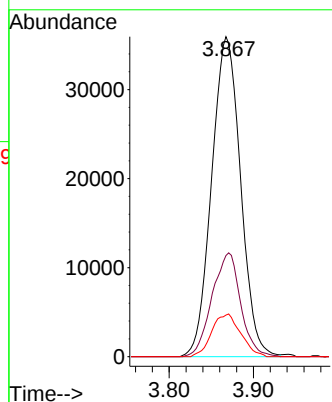
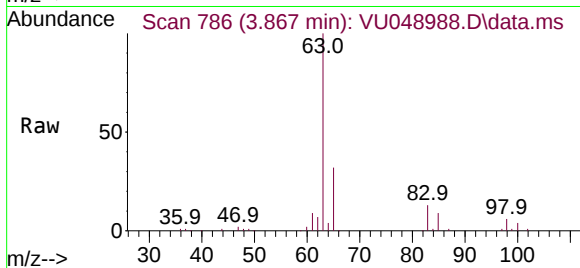
Tgt Ion: 63 Resp: 85578

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.6

83 13.0 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 4.758 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048988.D

Acq: 09 Jun 2022 20:03

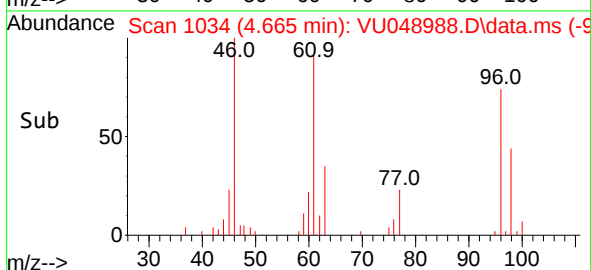
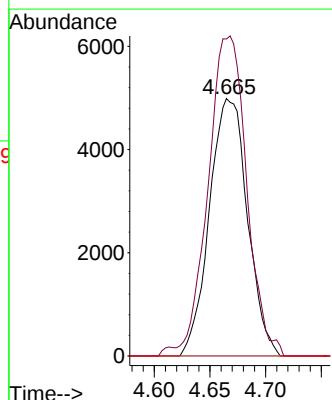
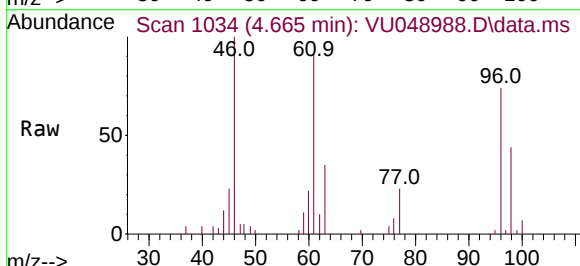
Tgt Ion: 96 Resp: 11845

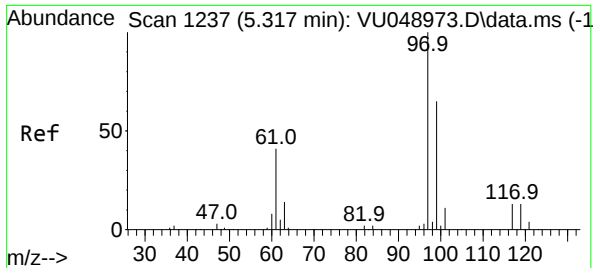
Ion Ratio Lower Upper

96 100

61 123.1 88.3 164.1

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 70.459 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048988.D

Acq: 09 Jun 2022 20:03

Instrument :

MSVOA_U

ClientSampleId :

EXYY4

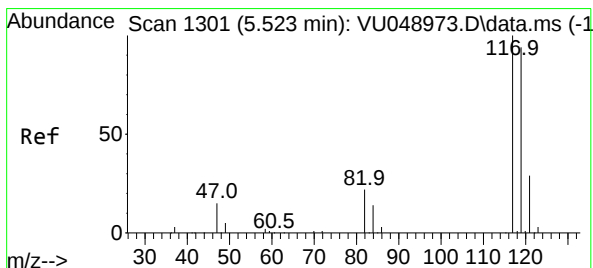
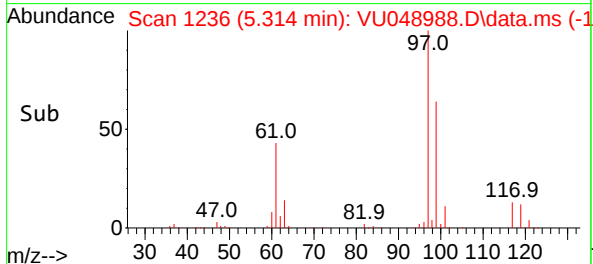
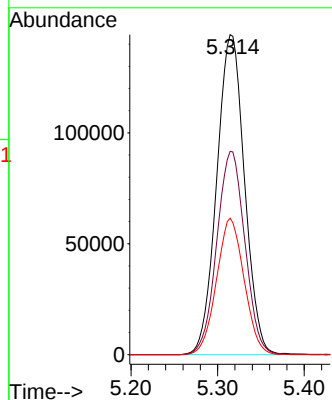
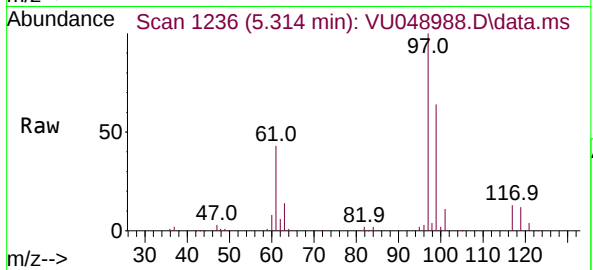
Tgt Ion: 97 Resp: 321867

Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 42.3 32.6 48.8



#31

Carbon tetrachloride

Concen: 10.010 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.209 min

Lab File: VU048988.D

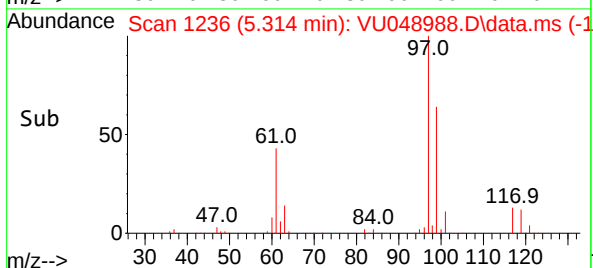
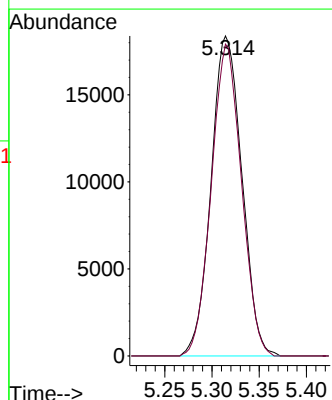
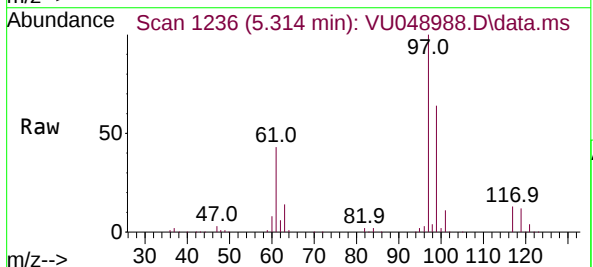
Acq: 09 Jun 2022 20:03

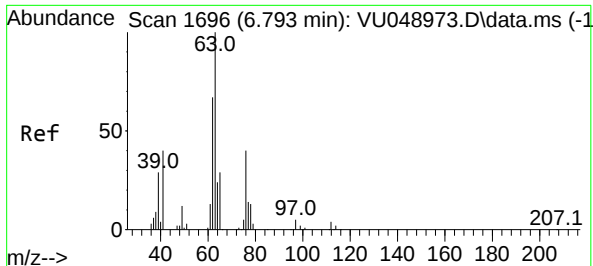
Tgt Ion: 117 Resp: 41674

Ion Ratio Lower Upper

117 100

119 95.1 76.0 114.0





#37

1,2-Dichloropropane

Concen: 7.082 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048988.D

Acq: 09 Jun 2022 20:03

Instrument :

MSVOA_U

ClientSampleId :

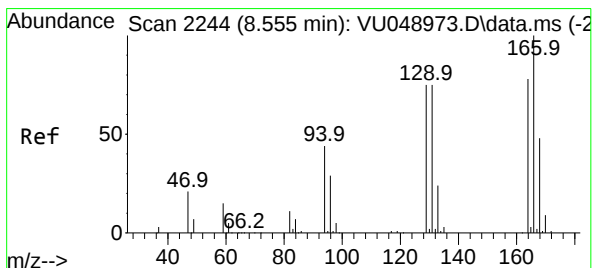
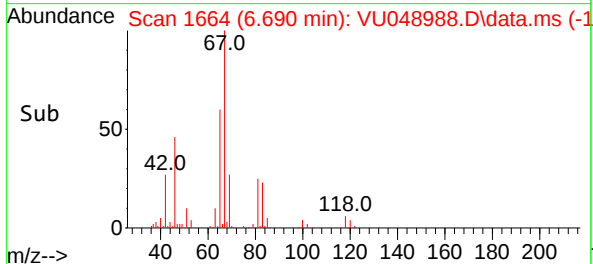
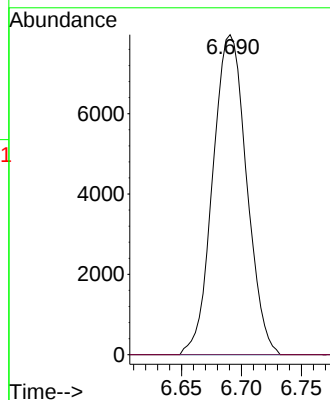
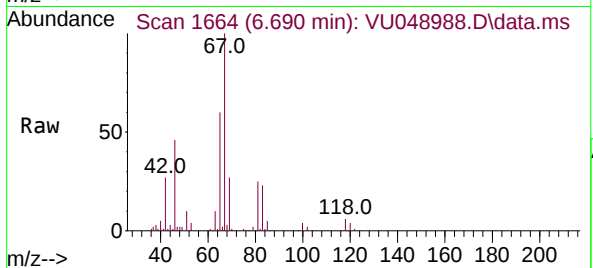
EXYY4

Tgt Ion: 63 Resp: 15609

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#46

Tetrachloroethene

Concen: 4.610 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU048988.D

Acq: 09 Jun 2022 20:03

Tgt Ion: 164 Resp: 9381

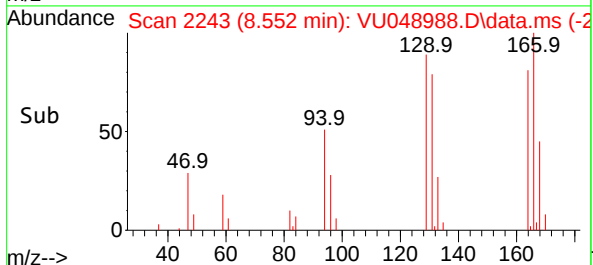
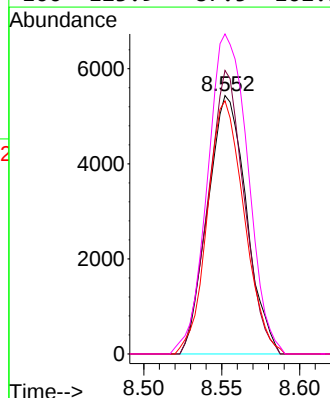
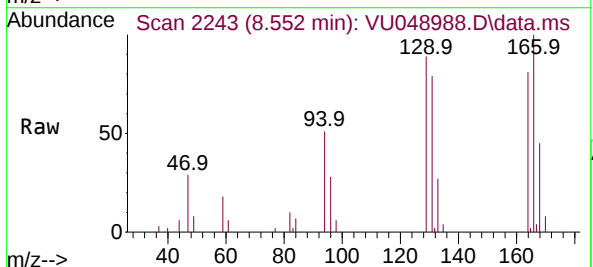
Ion Ratio Lower Upper

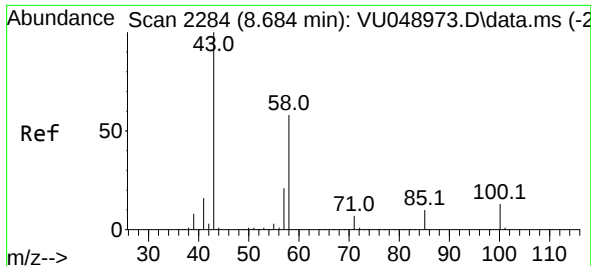
164 100

129 109.8 64.3 119.3

131 98.0 64.5 119.7

166 123.9 87.5 162.5

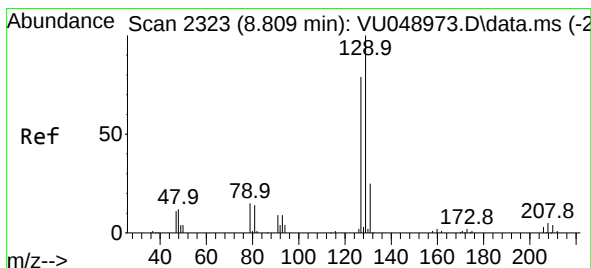
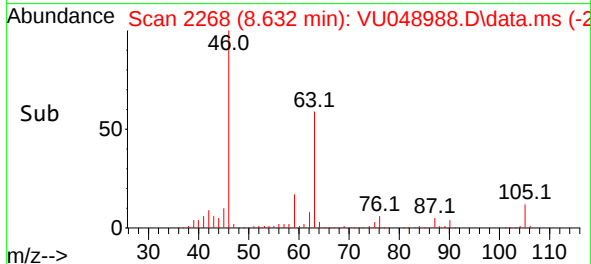
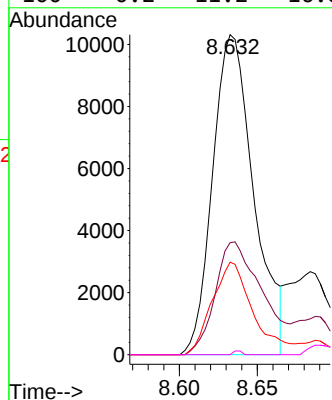
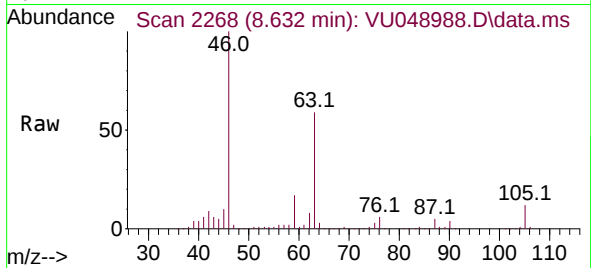




#48
2-Hexanone
Concen: 6.571 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU048988.D
Acq: 09 Jun 2022 20:03

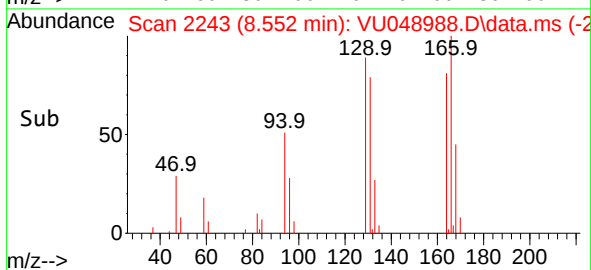
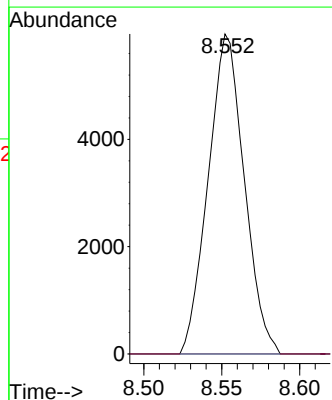
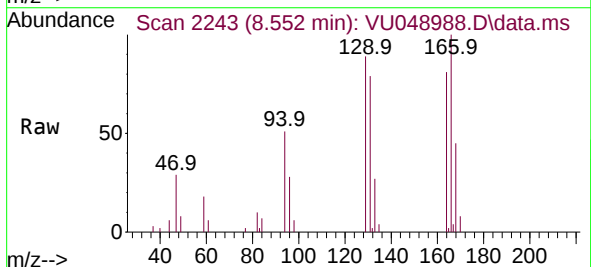
Instrument :
MSVOA_U
ClientSampleId :
EXYY4

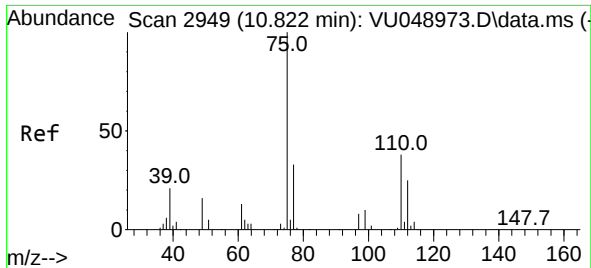
Tgt Ion: 43	Resp: 18937
Ion Ratio	Lower Upper
43 100	
58 40.6	45.8 68.6#
57 28.7	16.8 25.2#
100 0.2	11.2 16.8#



#49
Dibromochloromethane
Concen: 3.159 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU048988.D
Acq: 09 Jun 2022 20:03

Tgt Ion:129	Resp:	9587	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.1	98.5#





#60
 1,2,3-Trichloropropane
 Concen: 5.389 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU048988.D
 Acq: 09 Jun 2022 20:03

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY4

Tgt Ion: 75 Resp: 14939
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.4 38.0
 110 1.9 32.1 48.1#

