

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020322\
 Data File : VU047030.D
 Acq On : 03 Feb 2022 18:38
 Operator : SY/MD
 Sample : N1348-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX6

Quant Time: Feb 04 05:49:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

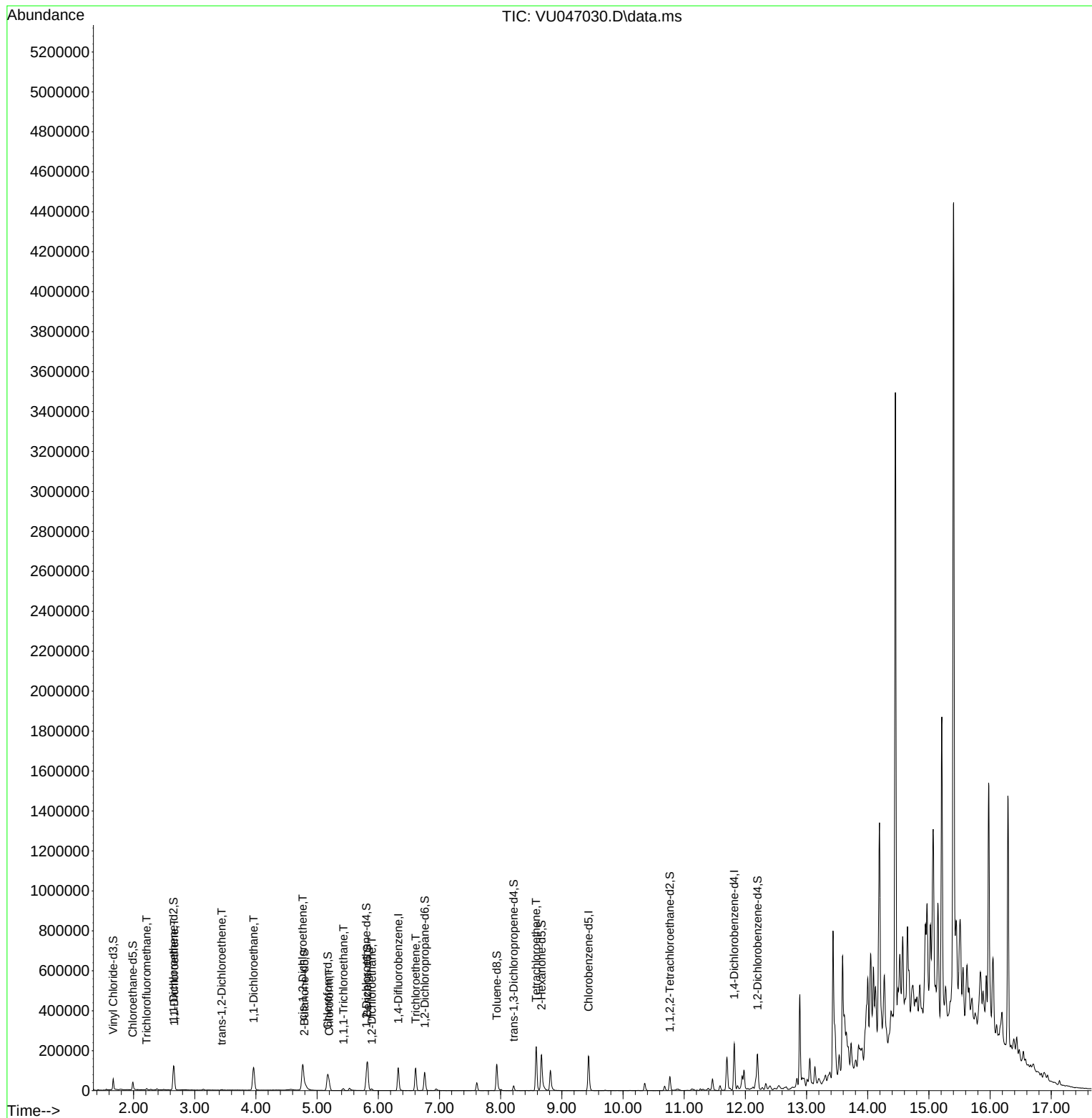
Internal Standards						
1) 1,4-Difluorobenzene	6.327	114	90887	5.000	ug/L	0.07
28) Chlorobenzene-d5	9.436	117	104617	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.819	152	59909	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.668	65	41922	5.443	ug/L	0.06
Spiked Amount	5.000	Range 40 - 130	Recovery	=	108.800%	
7) Chloroethane-d5	1.986	69	31103	5.126	ug/L	0.06
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.600%	
11) 1,1-Dichloroethene-d2	2.652	65	16432	5.364	ug/L	0.08
Spiked Amount	5.000	Range 60 - 125	Recovery	=	107.200%	
20) 2-Butanone-d5	4.793	46	92677	40.620	ug/L	0.15
Spiked Amount	50.000	Range 40 - 130	Recovery	=	81.240%	
24) Chloroform-d	5.173	84	71647	5.299	ug/L	0.10
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
26) 1,2-Dichloroethane-d4	5.803	65	35974	4.886	ug/L	0.10
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.822	84	126900	4.127	ug/L	0.09
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.600%	
36) 1,2-Dichloropropane-d6	6.758	67	42812	4.637	ug/L	0.06
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.938	98	94472	3.357	ug/L	0.04
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.200%#	
43) trans-1,3-Dichloroprop...	8.211	79	13574	3.348	ug/L	0.03
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.000%	
46) 2-Hexanone-d5	8.668	63	70797	29.491	ug/L	0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	=	58.980%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36260	3.912	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	78.200%	
66) 1,2-Dichlorobenzene-d4	12.198	152	43906	3.908	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	78.200%#	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.215	101	3757	0.421	ug/L	100
12) 1,1-Dichloroethene	2.665	96	20982	4.134	ug/L	95
18) trans-1,2-Dichloroethene	3.440	96	1128	0.205	ug/L #	73
19) 1,1-Dichloroethane	3.961	63	130847	14.180	ug/L	100
22) cis-1,2-Dichloroethene	4.765	96	62214	10.729	ug/L	98
25) Chloroform	5.195	83	29994	2.048	ug/L	98
27) 1,2-Dichloroethane	5.893	62	6139	0.950	ug/L	99
29) 1,1,1-Trichloroethane	5.430	97	7225	0.767	ug/L	97
34) Trichloroethene	6.610	95	37083	5.799	ug/L	98
47) Tetrachloroethene	8.581	164	49960	9.606	ug/L	96

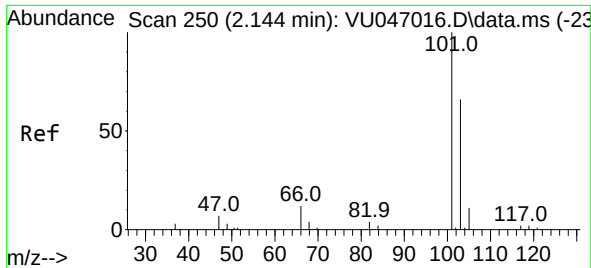
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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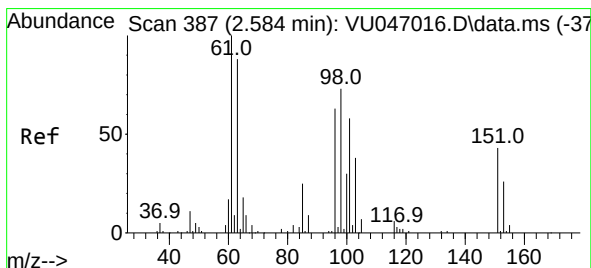
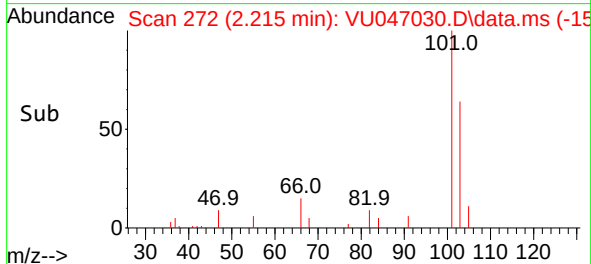
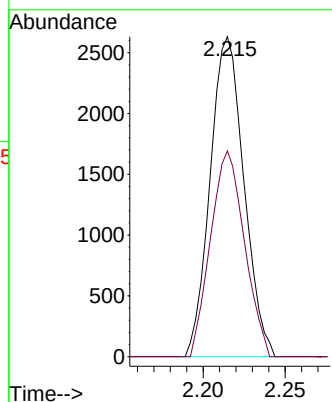
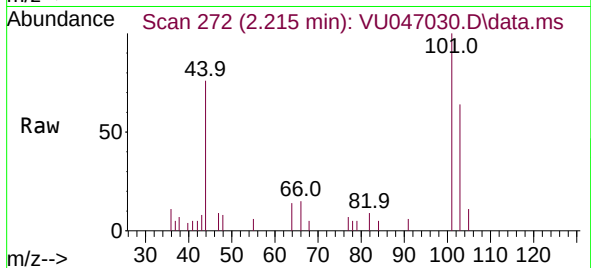




#9
 Trichlorofluoromethane
 Concen: 0.421 ug/L
 RT: 2.215 min Scan# 21
 Delta R.T. 0.068 min
 Lab File: VU047030.D
 Acq: 03 Feb 2022 18:38

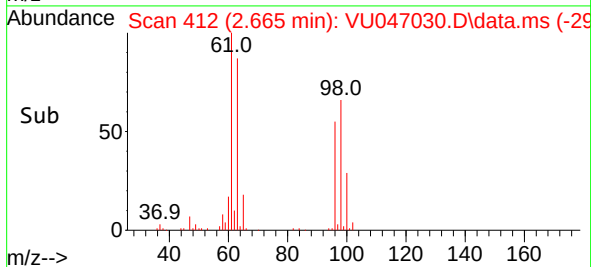
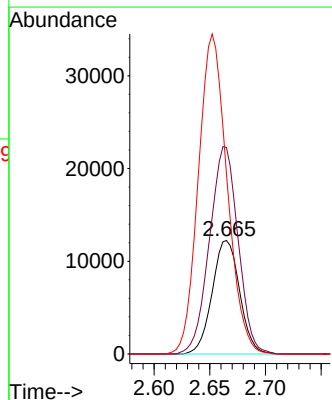
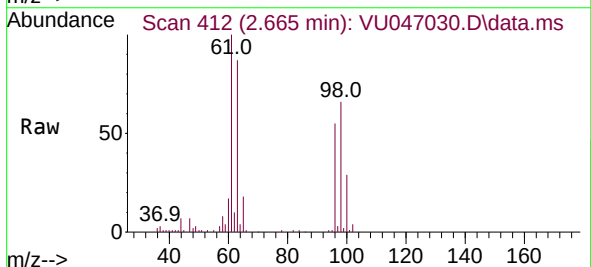
Instrument :
 MSVOA_U
 ClientSampleId :
 BFX6

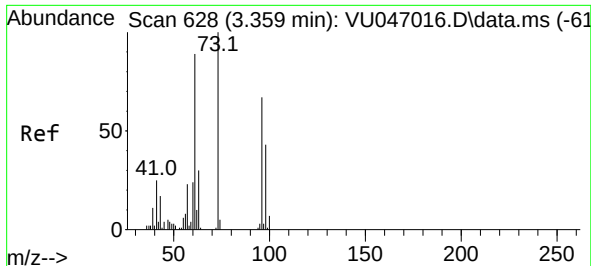
Tgt Ion:101 Resp: 3757
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 4.134 ug/L
 RT: 2.665 min Scan# 412
 Delta R.T. 0.077 min
 Lab File: VU047030.D
 Acq: 03 Feb 2022 18:38

Tgt Ion: 96 Resp: 20982
 Ion Ratio Lower Upper
 96 100
 61 182.0 124.7 231.5
 63 158.9 105.2 195.4

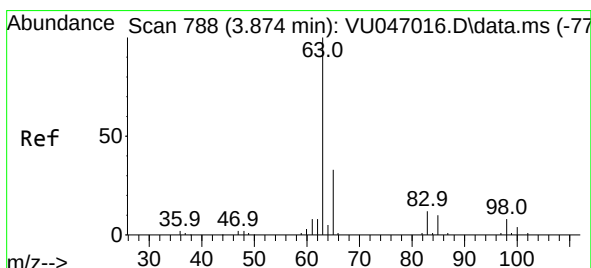
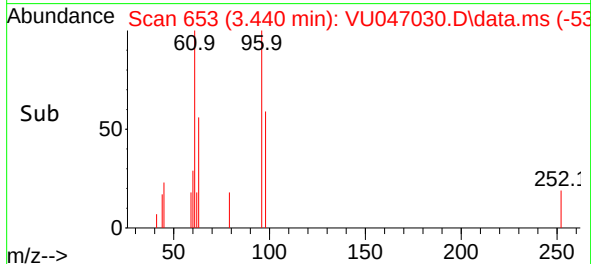
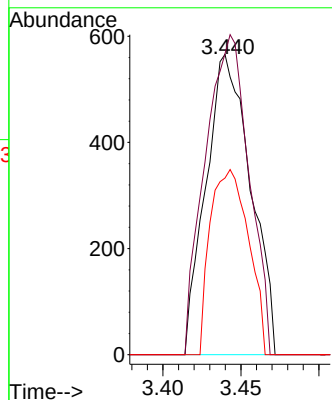
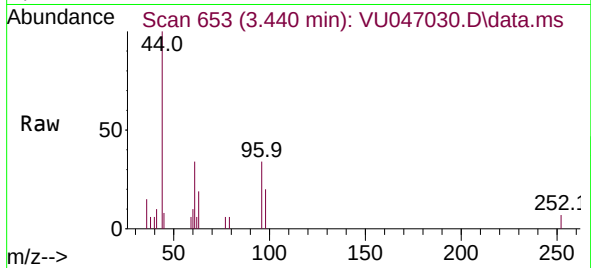




#18
trans-1,2-Dichloroethene
Concen: 0.205 ug/L
RT: 3.440 min Scan# 611
Delta R.T. 0.080 min
Lab File: VU047030.D
Acq: 03 Feb 2022 18:38

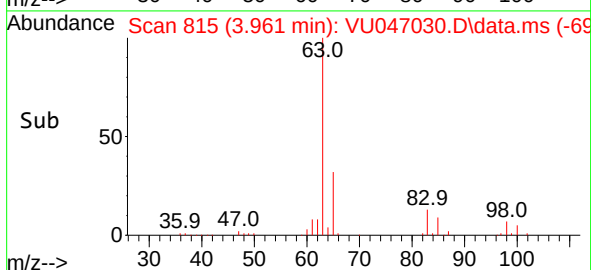
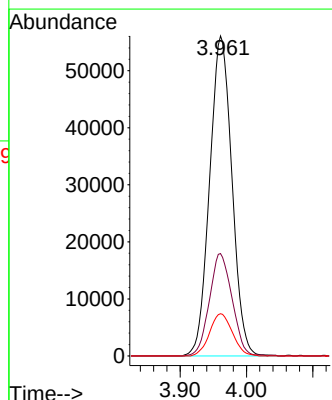
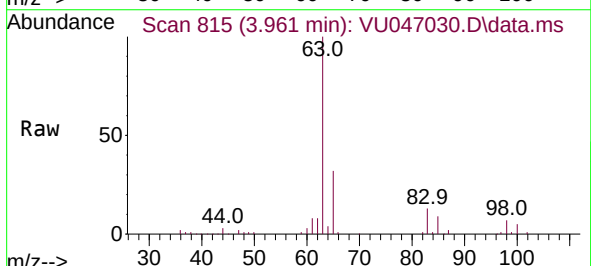
Instrument :
MSVOA_U
ClientSampleId :
BFX6

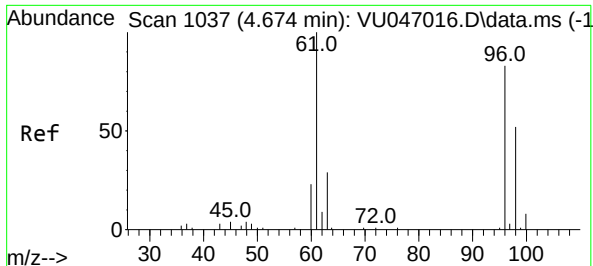
Tgt Ion: 96 Resp: 1128
Ion Ratio Lower Upper
96 100
61 100.2 100.8 187.2#
98 58.8 45.1 83.7



#19
1,1-Dichloroethane
Concen: 14.180 ug/L
RT: 3.961 min Scan# 815
Delta R.T. 0.084 min
Lab File: VU047030.D
Acq: 03 Feb 2022 18:38

Tgt Ion: 63 Resp: 130847
Ion Ratio Lower Upper
63 100
65 32.0 22.3 41.5
83 13.2 9.6 17.8

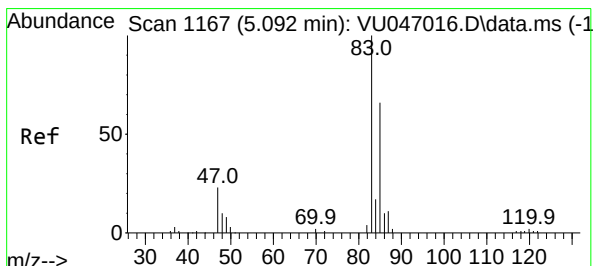
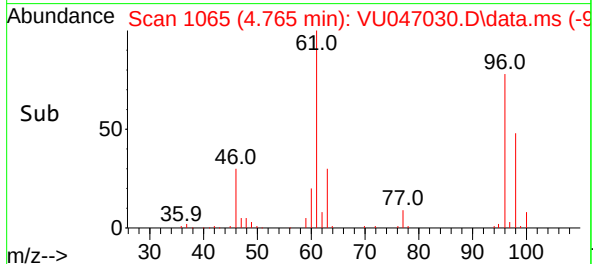
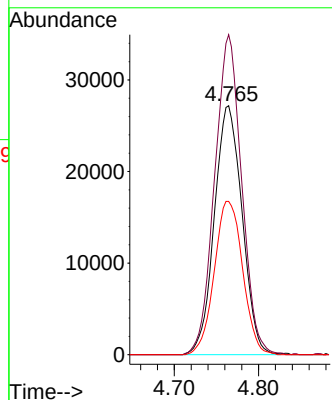
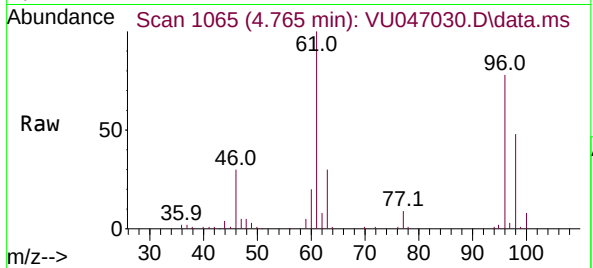




#22
cis-1,2-Dichloroethene
Concen: 10.729 ug/L
RT: 4.765 min Scan# 1199
Delta R.T. 0.090 min
Lab File: VU047030.D
Acq: 03 Feb 2022 18:38

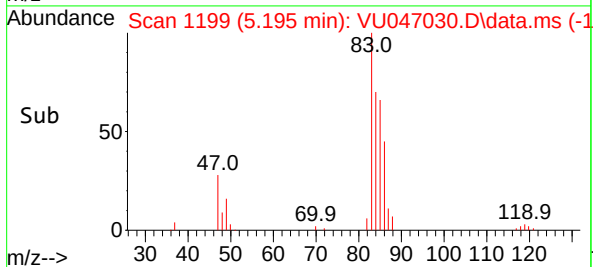
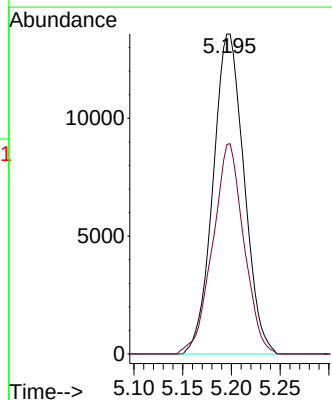
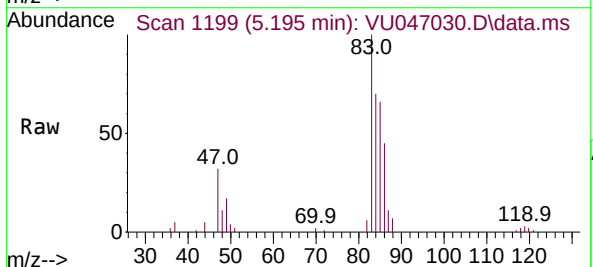
Instrument :
MSVOA_U
ClientSampleId :
BFX6

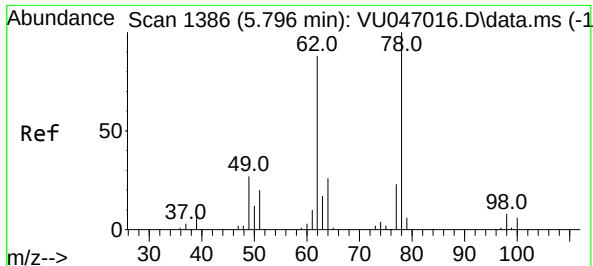
Tgt Ion: 96 Resp: 62214
Ion Ratio Lower Upper
96 100
61 128.5 88.5 164.3
98 61.6 44.4 82.5



#25
Chloroform
Concen: 2.048 ug/L
RT: 5.195 min Scan# 1199
Delta R.T. 0.100 min
Lab File: VU047030.D
Acq: 03 Feb 2022 18:38

Tgt Ion: 83 Resp: 29994
Ion Ratio Lower Upper
83 100
85 65.5 46.9 87.1





#27

1,2-Dichloroethane

Concen: 0.950 ug/L

RT: 5.893 min Scan# 1416

Delta R.T. 0.093 min

Lab File: VU047030.D

Acq: 03 Feb 2022 18:38

Instrument :

MSVOA_U

ClientSampleId :

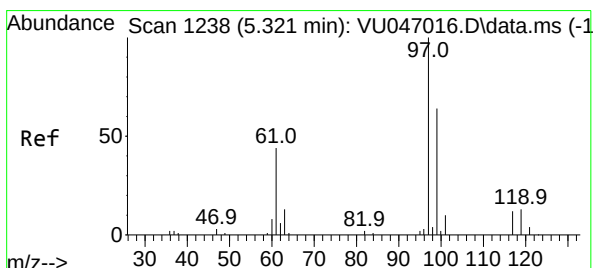
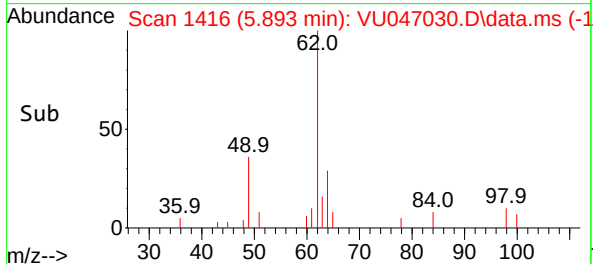
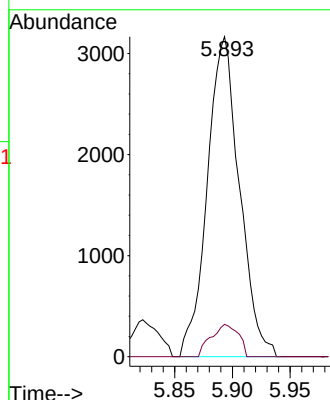
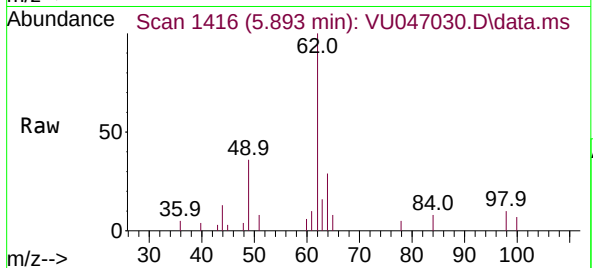
BFX6

Tgt Ion: 62 Resp: 6139

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8



#29

1,1,1-Trichloroethane

Concen: 0.767 ug/L

RT: 5.430 min Scan# 1272

Delta R.T. 0.109 min

Lab File: VU047030.D

Acq: 03 Feb 2022 18:38

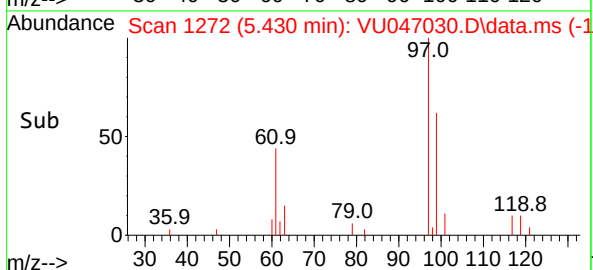
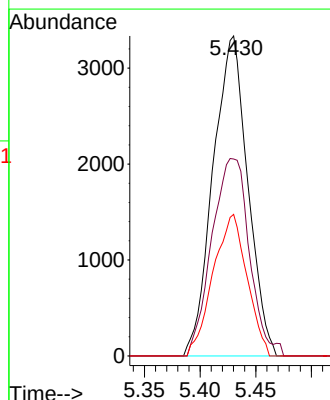
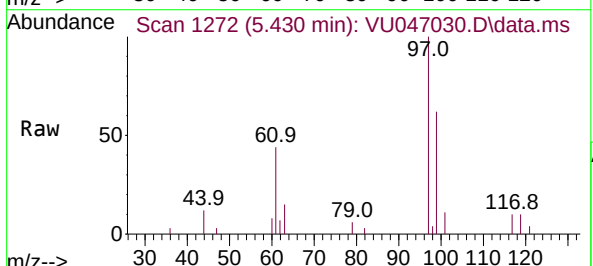
Tgt Ion: 97 Resp: 7225

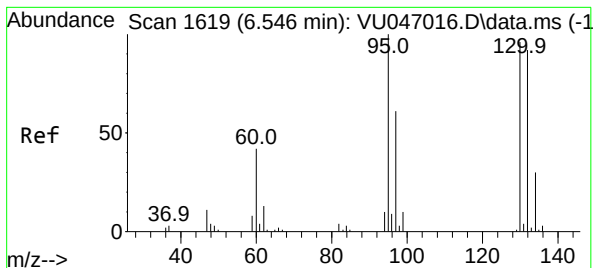
Ion Ratio Lower Upper

97 100

99 66.9 51.3 76.9

61 43.2 36.1 54.1





#34

Trichloroethene

Concen: 5.799 ug/L

RT: 6.610 min Scan# 1

Delta R.T. 0.064 min

Lab File: VU047030.D

Acq: 03 Feb 2022 18:38

Instrument :

MSVOA_U

ClientSampleId :

BFX6

Tgt Ion: 95 Resp: 37083

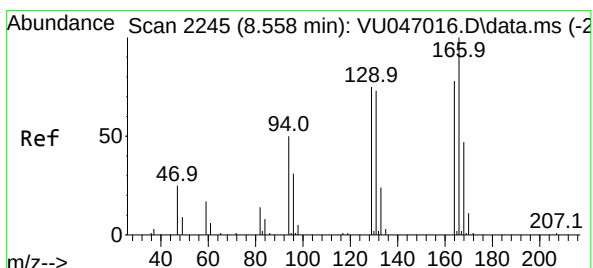
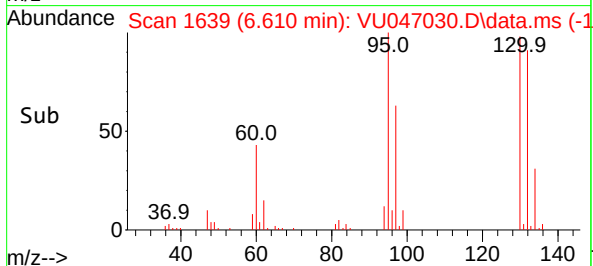
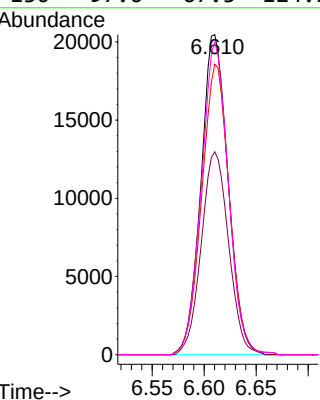
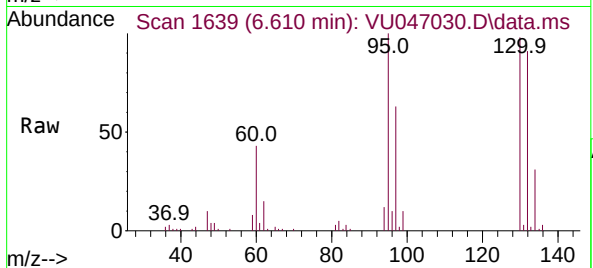
Ion Ratio Lower Upper

95 100

97 63.4 46.5 86.5

132 90.8 65.1 120.9

130 97.6 67.3 124.9



#47

Tetrachloroethene

Concen: 9.606 ug/L

RT: 8.581 min Scan# 2252

Delta R.T. 0.026 min

Lab File: VU047030.D

Acq: 03 Feb 2022 18:38

Tgt Ion:164 Resp: 49960

Ion Ratio Lower Upper

164 100

129 99.8 71.8 133.4

131 95.5 68.5 127.3

166 127.0 94.1 174.8

