

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042052.D
 Acq On : 14 Jan 2021 23:37
 Operator : SY/MD
 Sample : M1065-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN2

Quant Time: Jan 15 06:38:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

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

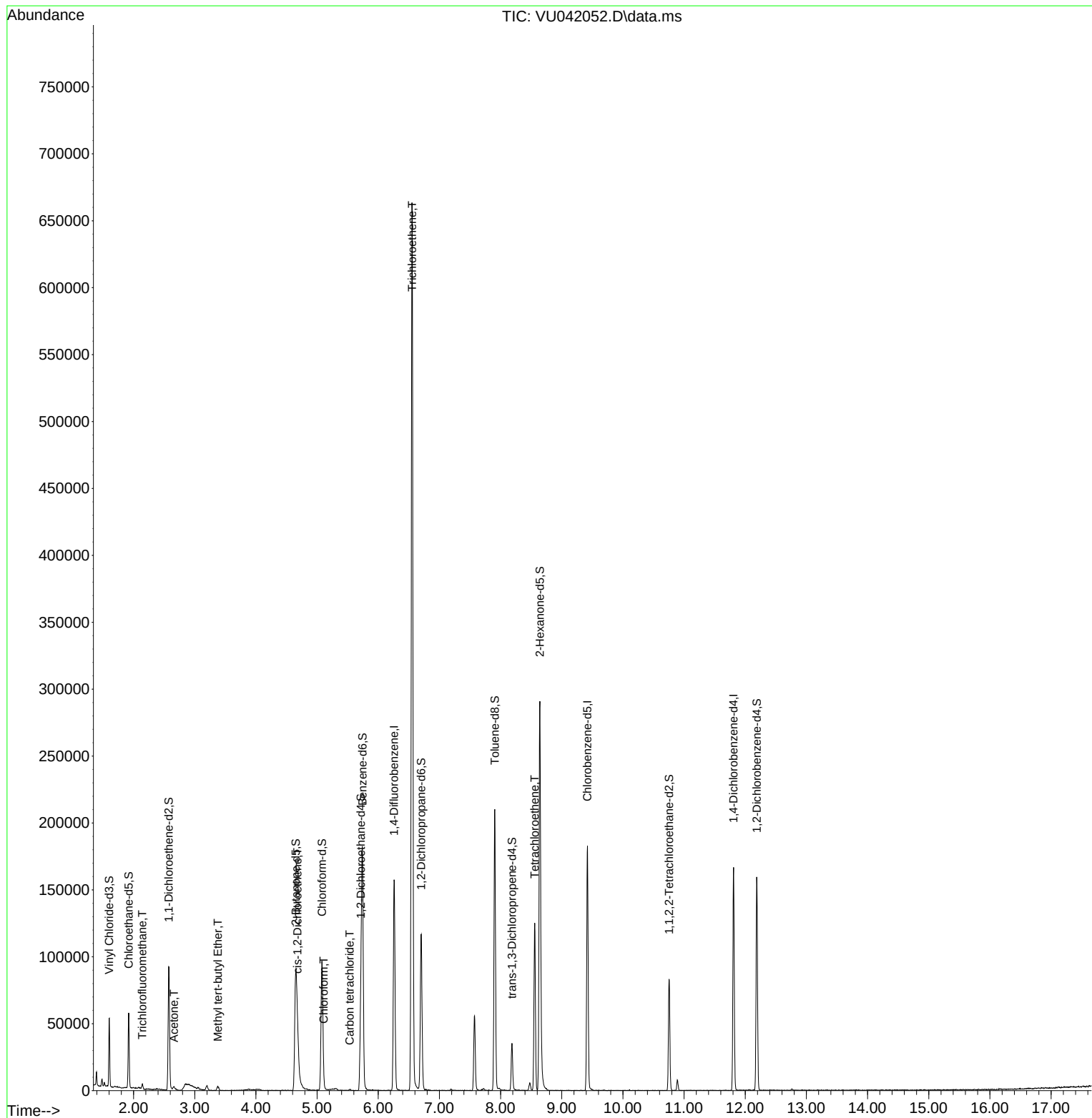
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	128046	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	101772	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43742	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34255	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.919	69	39222	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.575	63	54817	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.652	46	160123	49.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.76%
24) Chloroform-d	5.079	84	88738	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.716	65	50411	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.742	84	168967	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.703	67	58213	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.906	98	141542	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloroprop...	8.185	79	20621	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.642	63	110021	49.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.98%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	42575	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.188	152	42170	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	2242	0.12	ug/L	88
13) Acetone	2.661	43	3929	1.94	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	3102	0.12	ug/L	97
22) cis-1,2-Dichloroethene	4.681	96	7842	0.74	ug/L	77
25) Chloroform	5.108	83	3021	0.15	ug/L	92
31) Carbon tetrachloride	5.533	117	623	0.05	ug/L	90
34) Trichloroethene	6.552	95	237965	25.28	ug/L	99
47) Tetrachloroethene	8.558	164	27385	4.49	ug/L	96

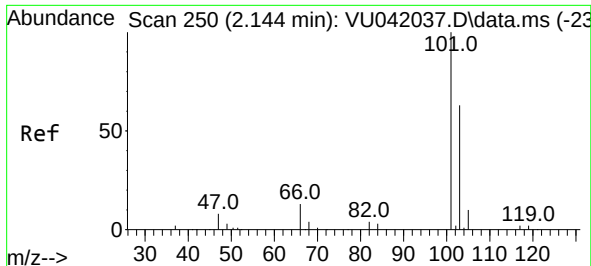
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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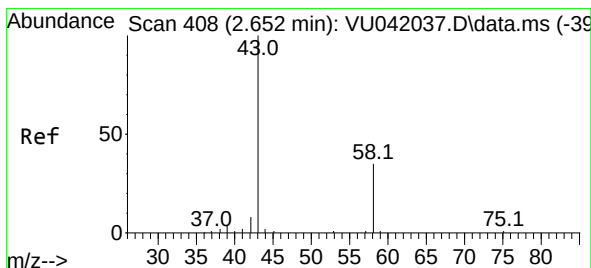
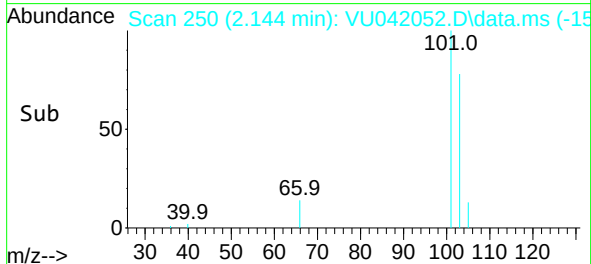
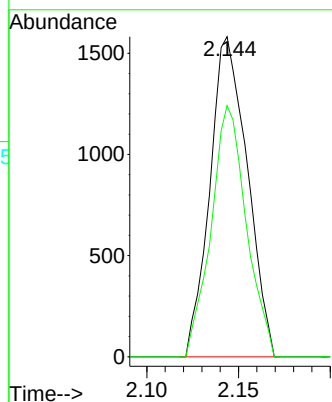
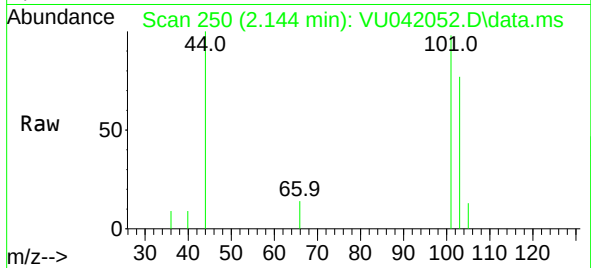




#9
 Trichlorofluoromethane
 Concen: 0.12 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. -0.000 min
 Lab File: VU042052.D
 Acq: 14 Jan 2021 23:37

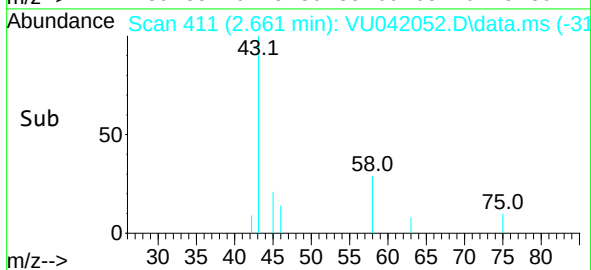
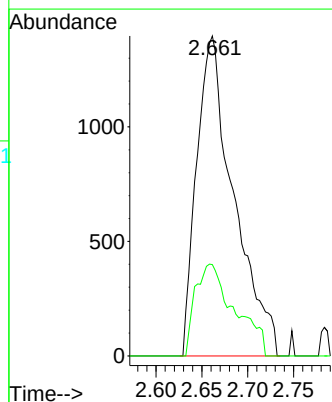
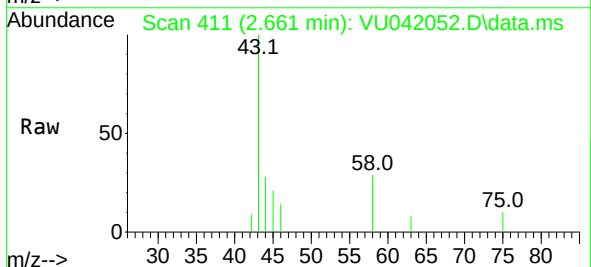
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN2

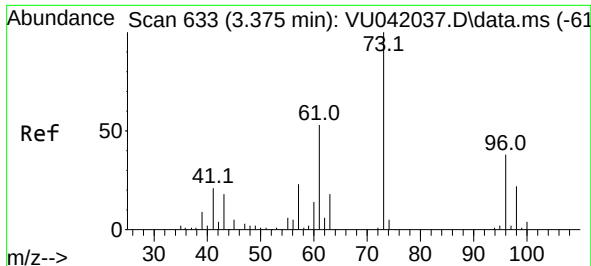
Tgt Ion:101 Resp: 2242
 Ion Ratio Lower Upper
 101 100
 103 73.9 51.6 77.4



#13
 Acetone
 Concen: 1.94 ug/L
 RT: 2.661 min Scan# 411
 Delta R.T. 0.010 min
 Lab File: VU042052.D
 Acq: 14 Jan 2021 23:37

Tgt Ion: 43 Resp: 3929
 Ion Ratio Lower Upper
 43 100
 58 30.4 0.0 57.4



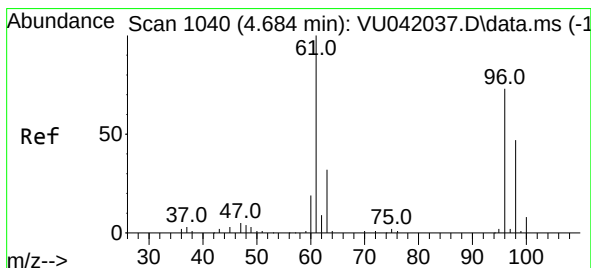
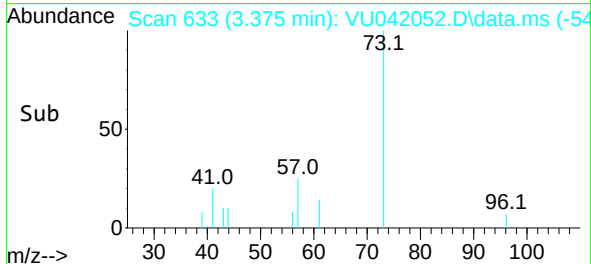
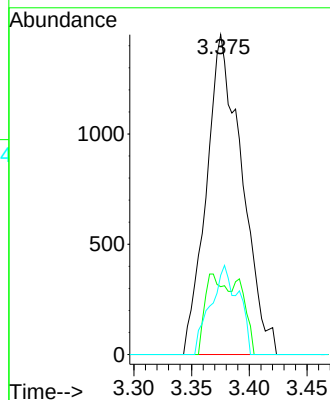
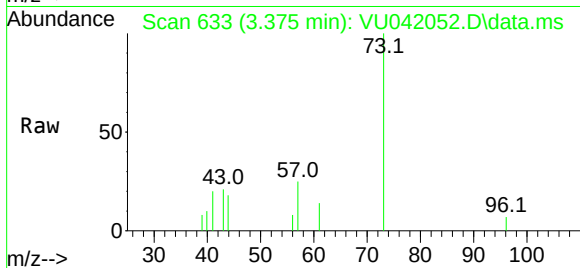


#17

Methyl tert-butyl Ether
Concen: 0.12 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

Instrument :
MSVOA_U
ClientSampleId :
BFXN2

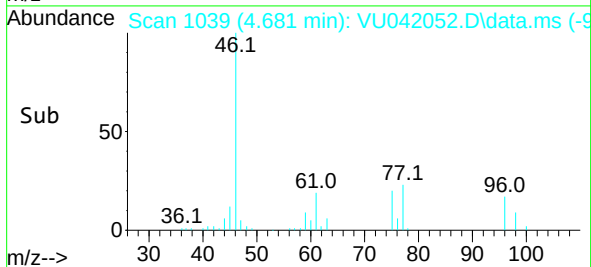
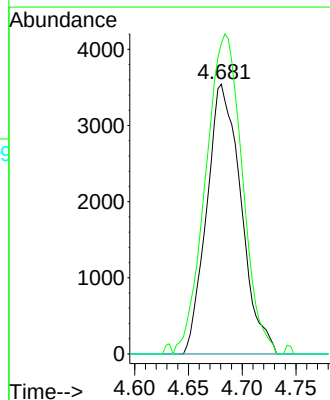
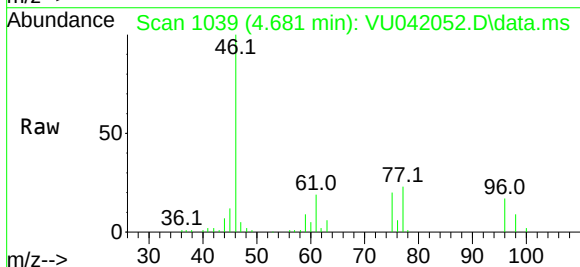
Tgt Ion: 73	Resp:	3102
Ion Ratio	Lower	Upper
73	100	
43	16.6	15.1 22.7
57	21.9	18.0 27.0

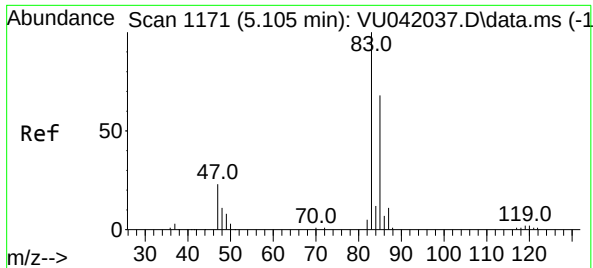


#22

cis-1,2-Dichloroethene
Concen: 0.74 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. -0.003 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

Tgt Ion: 96	Resp:	7842
Ion Ratio	Lower	Upper
96	100	
61	115.1	100.3 186.3
68	0.0	0.0 0.0





#25

Chloroform

Concen: 0.15 ug/L

RT: 5.108 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU042052.D

Acq: 14 Jan 2021 23:37

Tgt Ion: 83 Resp: 3021

Ion Ratio Lower Upper

83 100

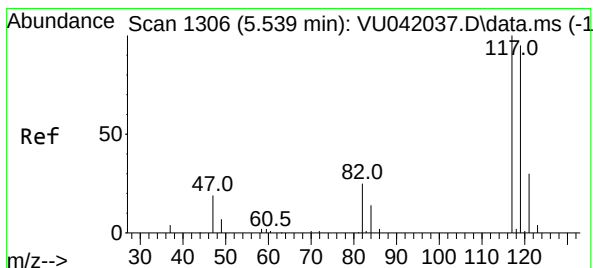
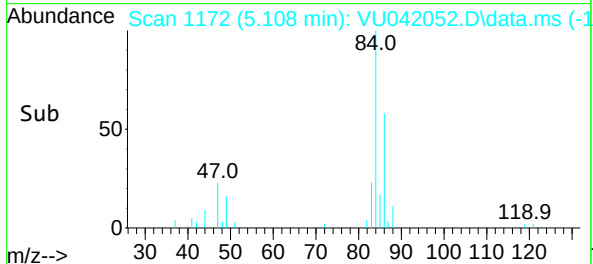
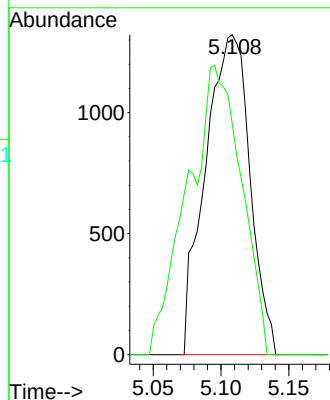
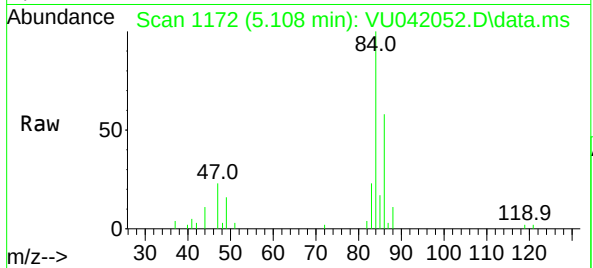
85 72.3 46.1 85.7

Instrument :

MSVOA_U

ClientSampleId :

BFXN2



#31

Carbon tetrachloride

Concen: 0.05 ug/L

RT: 5.533 min Scan# 1304

Delta R.T. -0.007 min

Lab File: VU042052.D

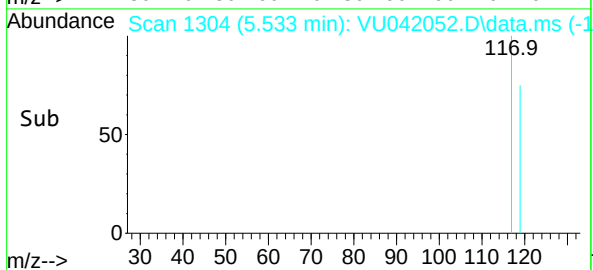
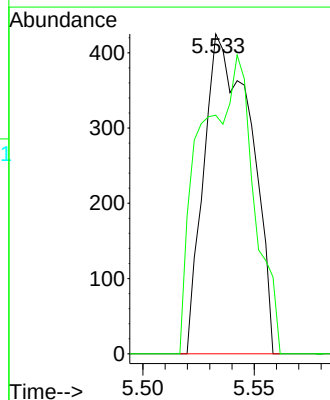
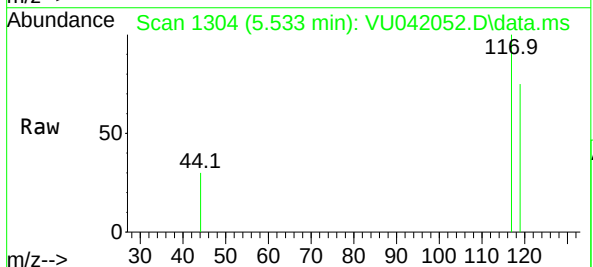
Acq: 14 Jan 2021 23:37

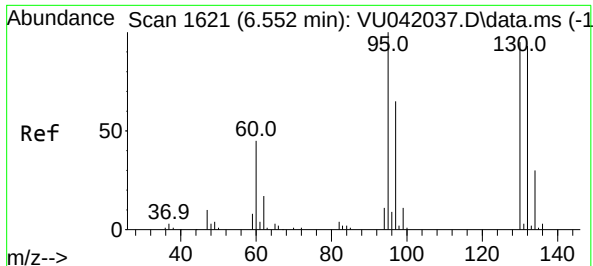
Tgt Ion: 117 Resp: 623

Ion Ratio Lower Upper

117 100

119 105.3 76.6 114.8



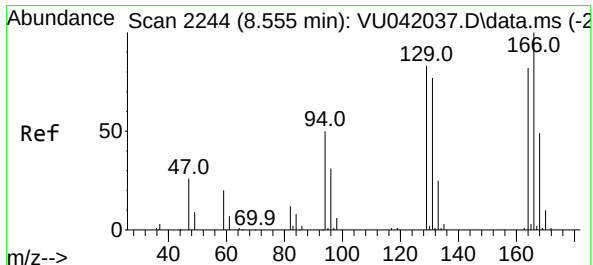
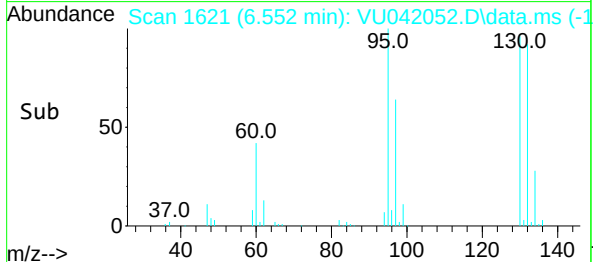
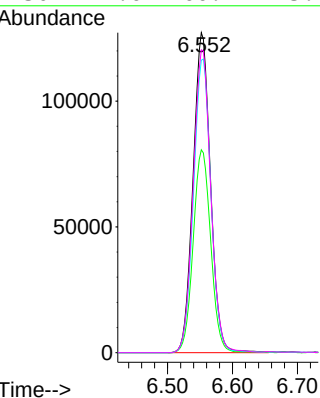
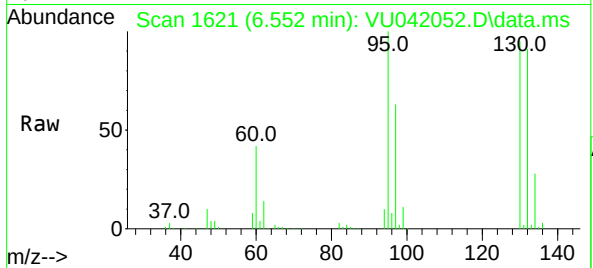


#34
Trichloroethene
Concen: 25.28 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

Instrument :
MSVOA_U
ClientSampleId :
BFXN2

Tgt Ion: 95 Resp: 237965

Ion	Ratio	Lower	Upper
95	100		
97	63.4	43.6	81.0
132	91.4	64.3	119.3
130	94.6	66.7	123.9



#47
Tetrachloroethene
Concen: 4.49 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042052.D
Acq: 14 Jan 2021 23:37

Tgt Ion: 164 Resp: 27385

Ion	Ratio	Lower	Upper
164	100		
129	101.0	68.7	127.5
131	100.8	65.2	121.0
166	121.3	86.2	160.0

