

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042041.D
 Acq On : 14 Jan 2021 19:12
 Operator : SY/MD
 Sample : M1065-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN3

Quant Time: Jan 15 06:34:27 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)

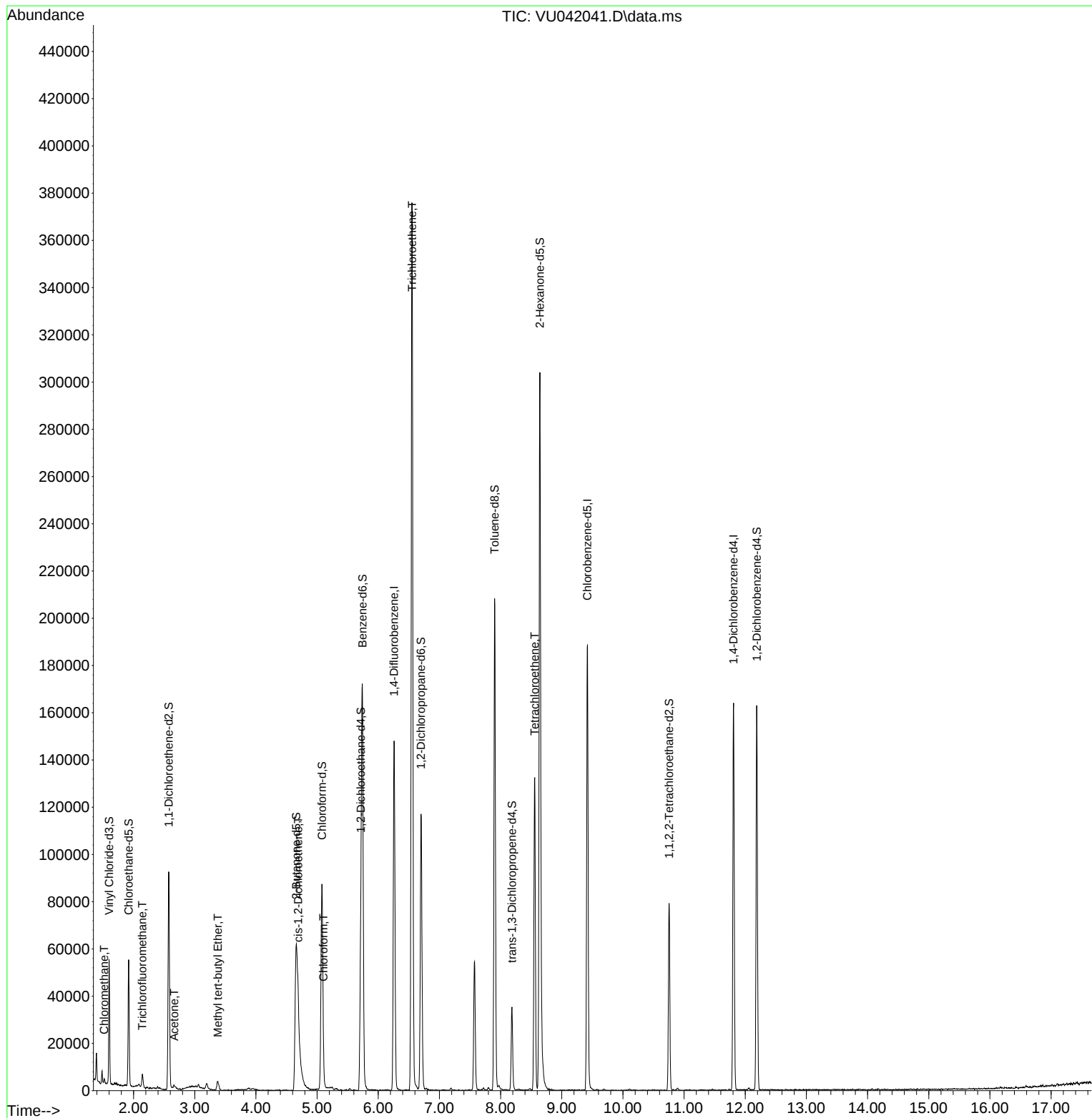
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	120399	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	107459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.806	152	43808	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34255	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.919	69	37857	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.575	63	55964	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.662	46	142617	46.78	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.56%
24) Chloroform-d	5.080	84	82656	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.716	65	47642	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.742	84	159648	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.700	67	58265	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.903	98	137953	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	8.186	79	21252	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.642	63	119890	51.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.14%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	40024	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.189	152	42106	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1524	0.11	ug/L	89
9) Trichlorofluoromethane	2.144	101	3487	0.19	ug/L	96
13) Acetone	2.665	43	2735	1.44	ug/L	100
17) Methyl tert-butyl Ether	3.379	73	3962	0.16	ug/L #	86
22) cis-1,2-Dichloroethene	4.691	96	3458	0.35	ug/L	83
25) Chloroform	5.102	83	3177	0.17	ug/L	79
34) Trichloroethene	6.552	95	132613	13.34	ug/L	98
47) Tetrachloroethene	8.555	164	28937	4.49	ug/L	96

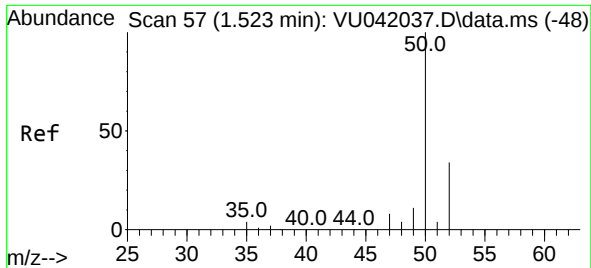
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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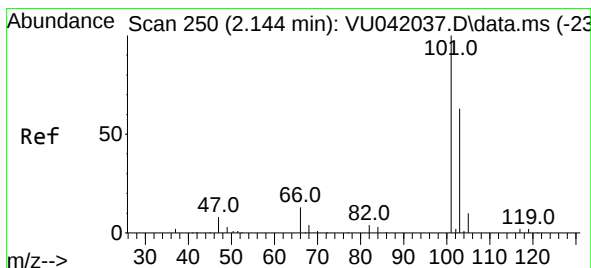
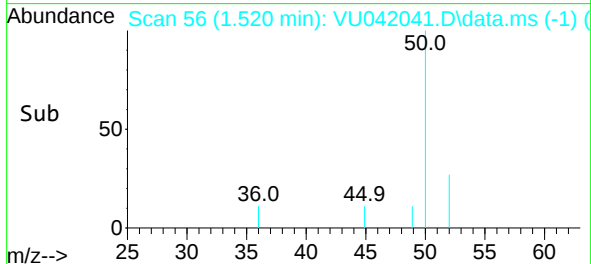
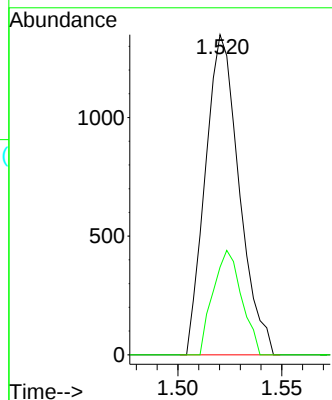
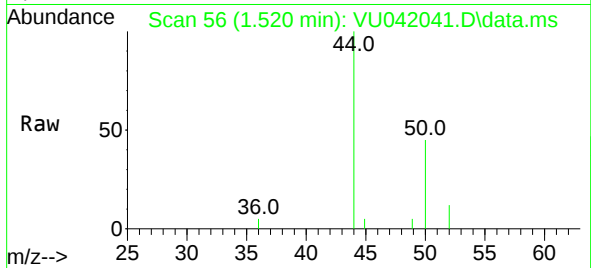




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

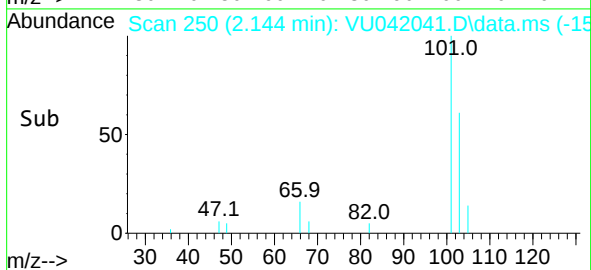
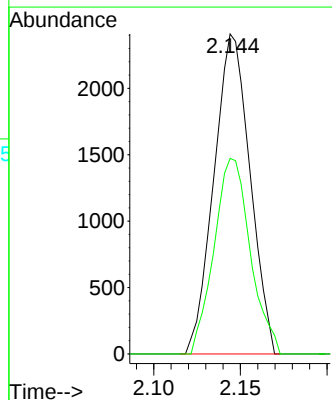
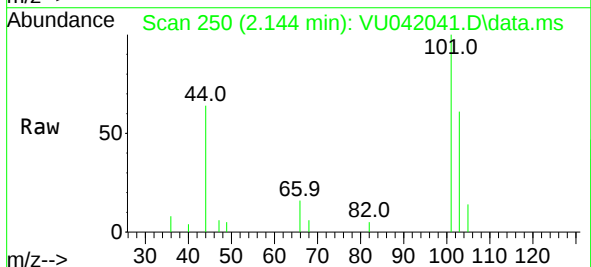
Instrument :
MSVOA_U
ClientSampleId :
BFXN3

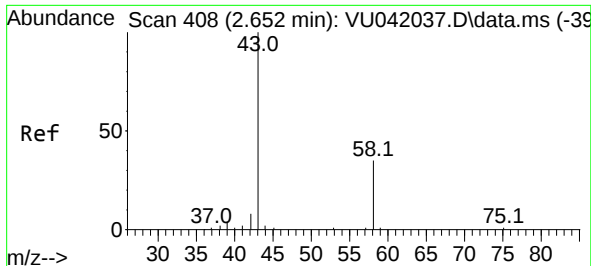
Tgt Ion: 50 Resp: 1524
Ion Ratio Lower Upper
50 100
52 27.4 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.19 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

Tgt Ion: 101 Resp: 3487
Ion Ratio Lower Upper
101 100
103 61.4 51.6 77.4

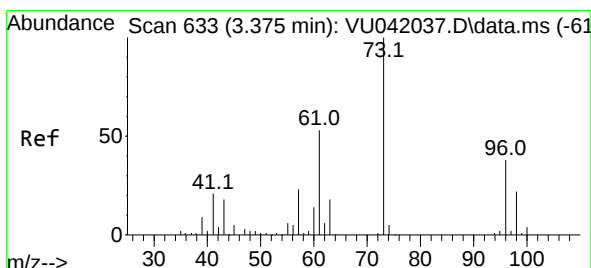
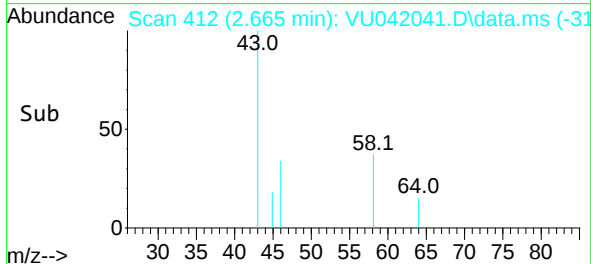
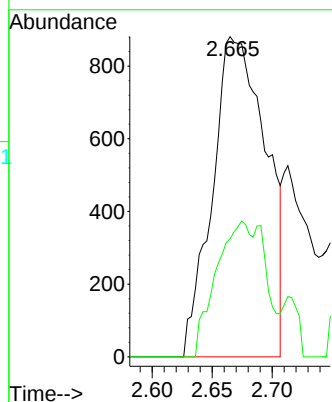
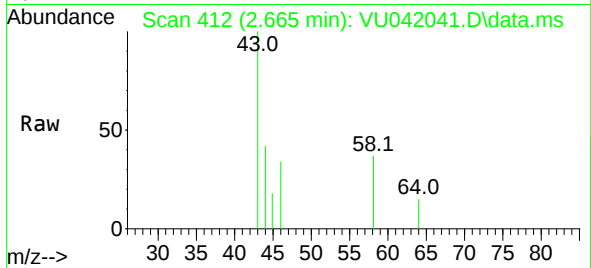




#13
Acetone
Concen: 1.44 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

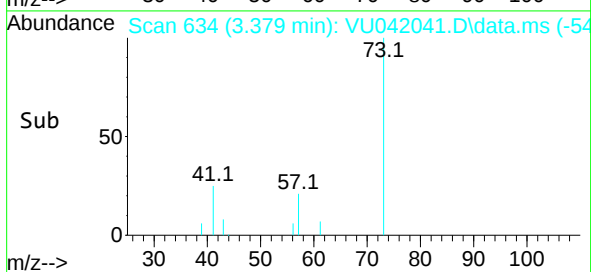
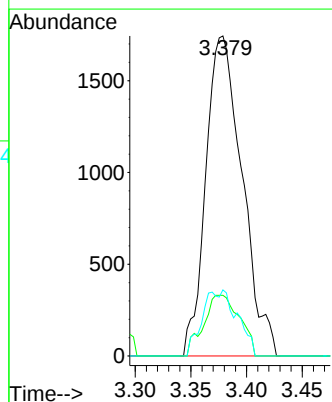
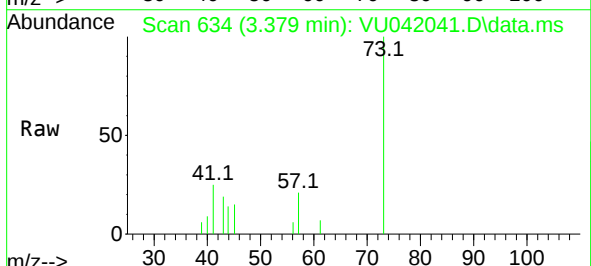
Instrument :
MSVOA_U
ClientSampleId :
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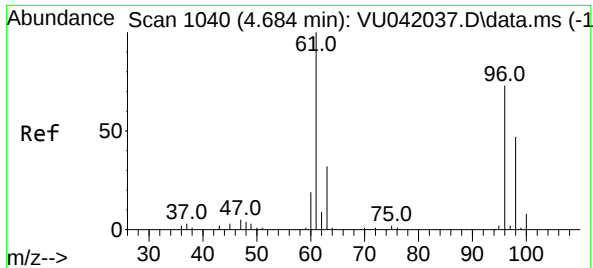
Tgt Ion: 43 Resp: 2735
Ion Ratio Lower Upper
43 100
58 28.4 0.0 57.4



#17
Methyl tert-butyl Ether
Concen: 0.16 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

Tgt Ion: 73 Resp: 3962
Ion Ratio Lower Upper
73 100
43 18.8 15.1 22.7
57 10.3 18.0 27.0#

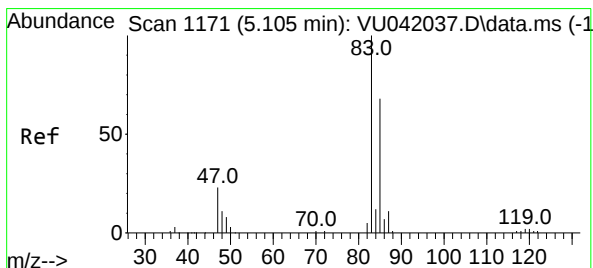
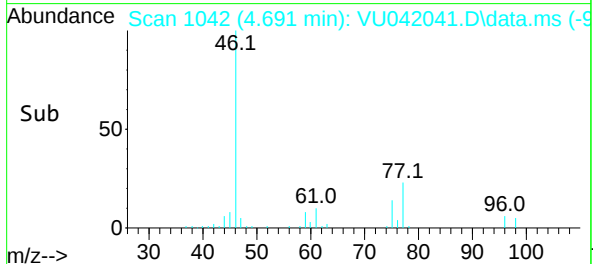
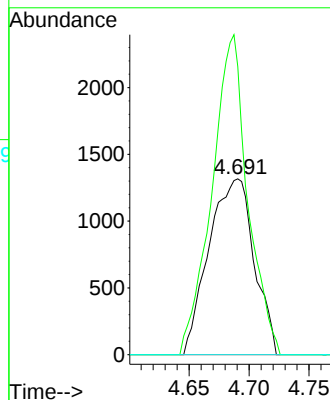
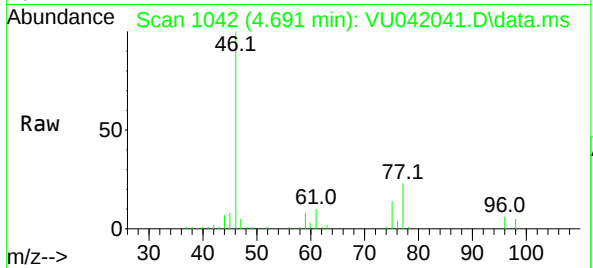




#22
cis-1,2-Dichloroethene
Concen: 0.35 ug/L
RT: 4.691 min Scan# 1042
Delta R.T. 0.007 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

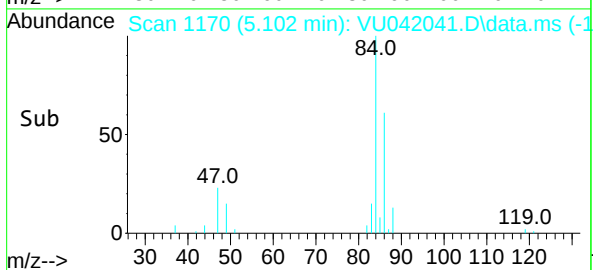
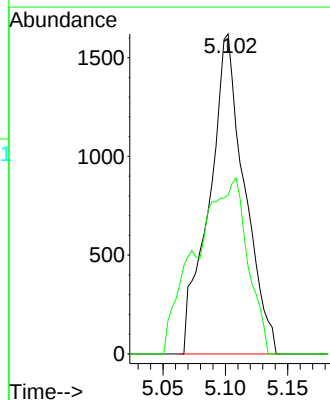
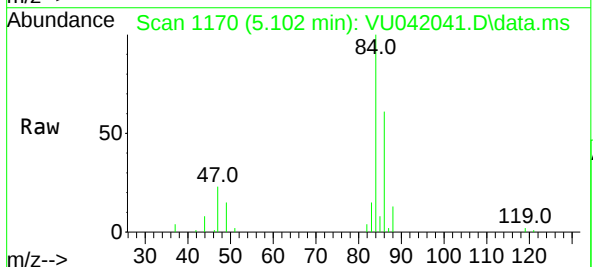
Instrument :
MSVOA_U
ClientSampleId :
BFXN3

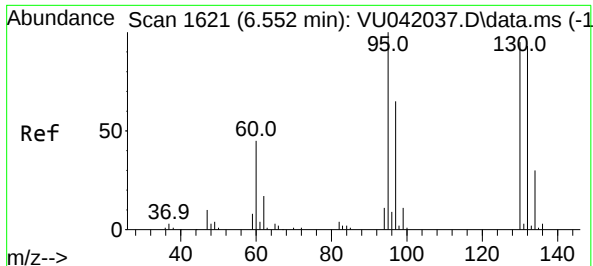
Tgt Ion: 96 Resp: 3458
Ion Ratio Lower Upper
96 100
61 163.8 100.3 186.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.17 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

Tgt Ion: 83 Resp: 3177
Ion Ratio Lower Upper
83 100
85 49.6 46.1 85.7



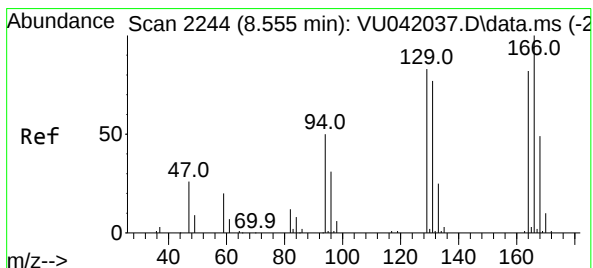
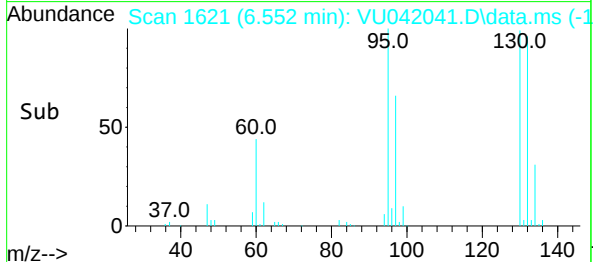
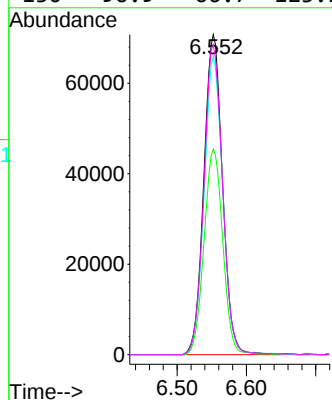
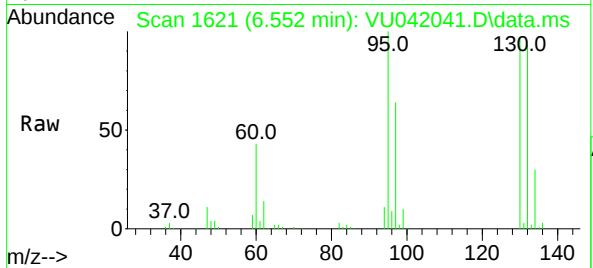


#34
Trichloroethene
Concen: 13.34 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

Instrument :
MSVOA_U
ClientSampleId :
BFXN3

Tgt Ion: 95 Resp: 132613

Ion	Ratio	Lower	Upper
95	100		
97	64.2	43.6	81.0
132	93.2	64.3	119.3
130	96.9	66.7	123.9



#47
Tetrachloroethene
Concen: 4.49 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

Tgt Ion: 164 Resp: 28937

Ion	Ratio	Lower	Upper
164	100		
129	96.7	68.7	127.5
131	97.6	65.2	121.0
166	128.7	86.2	160.0

