

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042042.D
 Acq On : 14 Jan 2021 19:36
 Operator : SY/MD
 Sample : M1065-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN4

Quant Time: Jan 15 06:34:54 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	6.263	114	114483	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	110314	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	51260	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34843	4.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.60%			
7) Chloroethane-d5	1.919	69	38708	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.575	63	55247	3.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.40%			
20) 2-Butanone-d5	4.652	46	153010	52.78	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.56%			
24) Chloroform-d	5.080	84	88686	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.716	65	47861	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.739	84	156994	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
36) 1,2-Dichloropropane-d6	6.700	67	51857	4.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.60%			
41) Toluene-d8	7.903	98	123316	3.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.40%			
43) trans-1,3-Dichloroprop...	8.185	79	22182	4.72	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.40%			
46) 2-Hexanone-d5	8.639	63	114836	47.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.30%			
57) 1,1,2,2-Tetrachloroeth...	10.755	84	43731	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%			
64) 1,2-Dichlorobenzene-d4	12.189	152	43420	4.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.00%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	593	0.06	ug/L	93
3) Chloromethane	1.523	50	1494	0.11	ug/L	97
9) Trichlorofluoromethane	2.147	101	4987	0.29	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	640	0.07	ug/L #	26
12) 1,1-Dichloroethene	2.572	96	659	0.07	ug/L #	1
13) Acetone	2.665	43	3355	1.85	ug/L	97
15) Methyl Acetate	2.980	43	405	0.09	ug/L #	51
17) Methyl tert-butyl Ether	3.375	73	4693	0.20	ug/L	99
22) cis-1,2-Dichloroethene	4.681	96	5353	0.56	ug/L	98
25) Chloroform	5.105	83	3071	0.17	ug/L	94
34) Trichloroethene	6.552	95	109059	10.69	ug/L	98
35) Methylcyclohexane	6.703	83	11726	0.72	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	4950	0.47	ug/L #	90
39) cis-1,3-Dichloropropene	7.568	75	1289	0.08	ug/L #	32
44) trans-1,3-Dichloropropene	8.182	75	797	0.06	ug/L #	76
47) Tetrachloroethene	8.555	164	26480	4.01	ug/L	98
48) 2-Hexanone	8.639	43	12789	2.59	ug/L #	67
49) Dibromochloromethane	8.558	129	26100	3.20	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5573	0.80	ug/L	89

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

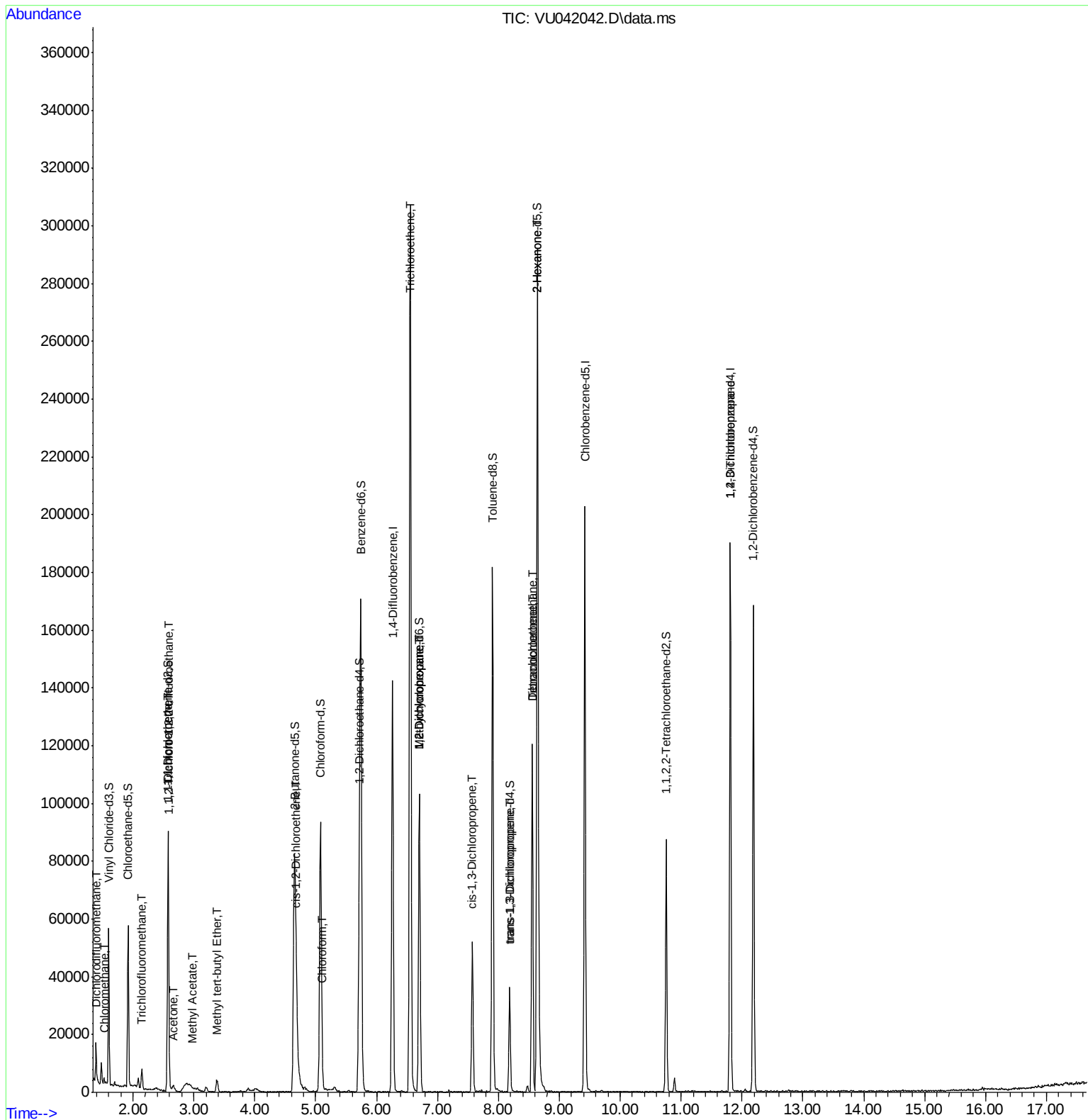
Instrument :
MSVOA_U
ClientSampleId :
BFXN4

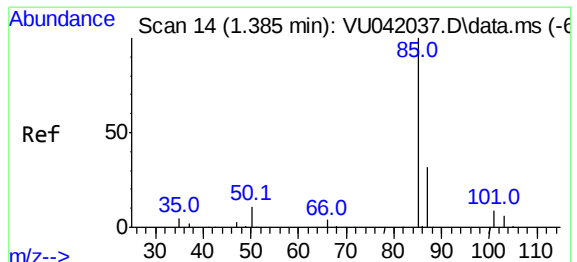
Quant Time: Jan 15 06:34:54 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 06:32:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jan 15 06:34:54 2021
Quant Method : Z:\V\OASRV\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

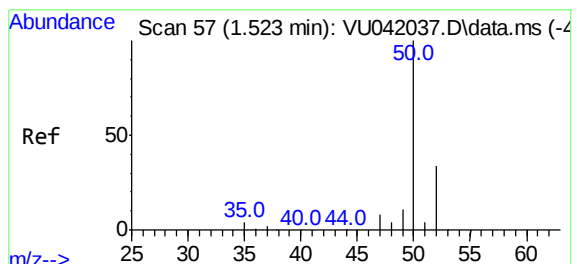
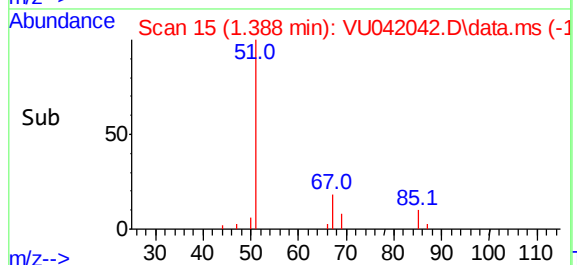
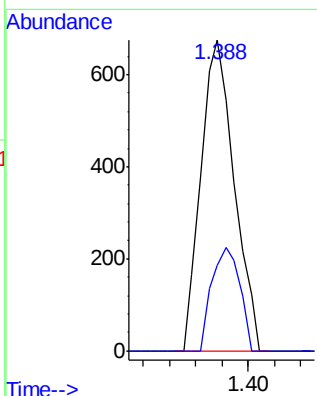
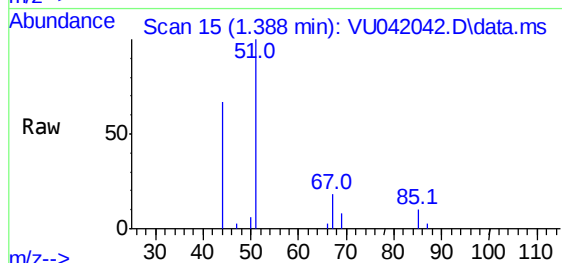




#2
Dichlorodifluoromethane
Concen: 0.06 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

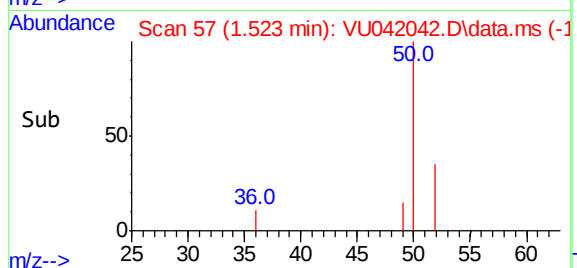
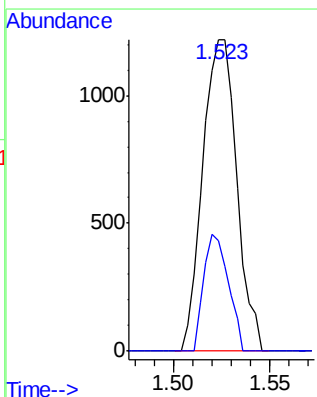
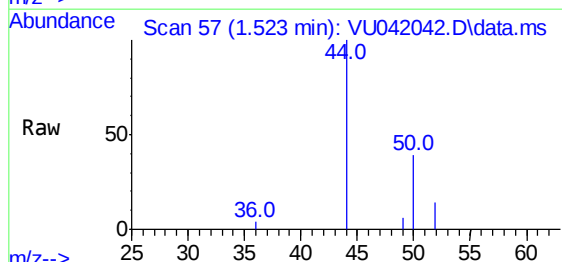
Instrument :
MSVOA_U
ClientSampled :
BFXN4

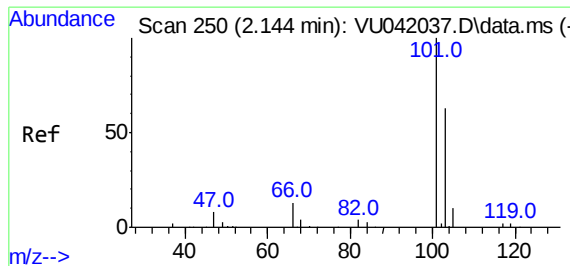
Tgt Ion: 85 Resp: 593
Ion Ratio Lower Upper
85 100
87 28.0 25.7 38.5



#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

Tgt Ion: 50 Resp: 1494
Ion Ratio Lower Upper
50 100
52 35.1 23.5 43.7

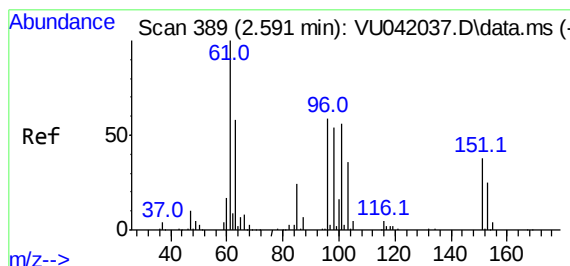
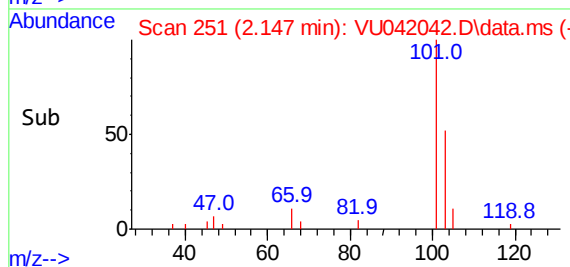
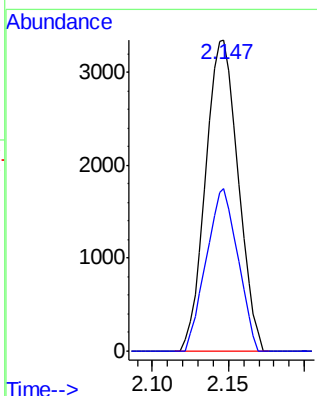
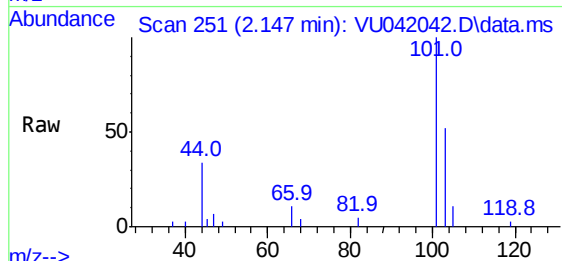




#9
Trichlorofluoromethane
Concen: 0.29 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

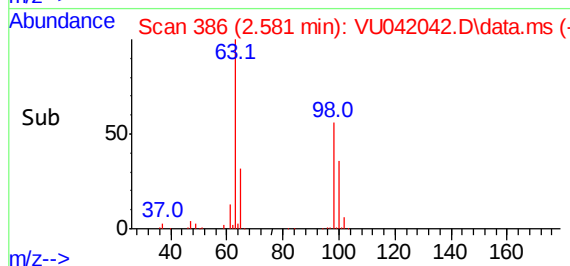
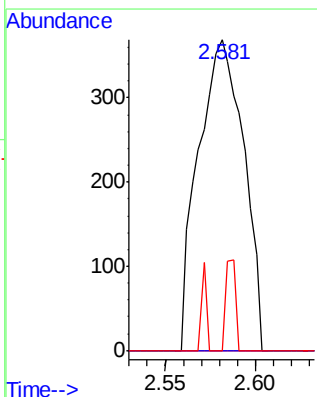
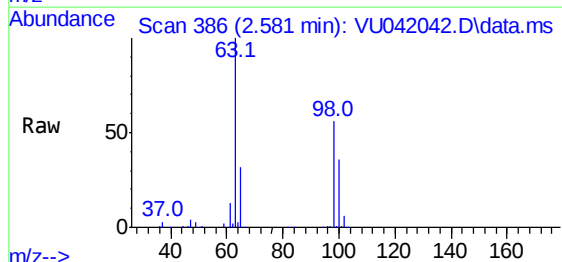
Instrument :
MSVOA_U
ClientSampleId :
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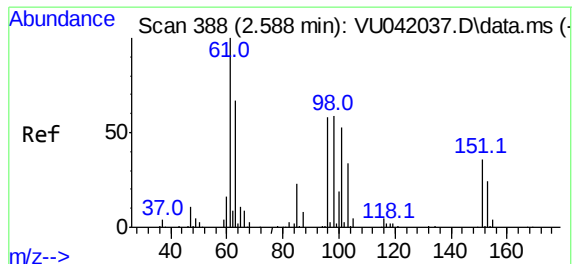
Tgt Ion:101 Resp: 4987
Ion Ratio Lower Upper
101 100
103 50.5 51.6 77.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.07 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

Tgt Ion:101 Resp: 640
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 6.4 55.4 83.2#

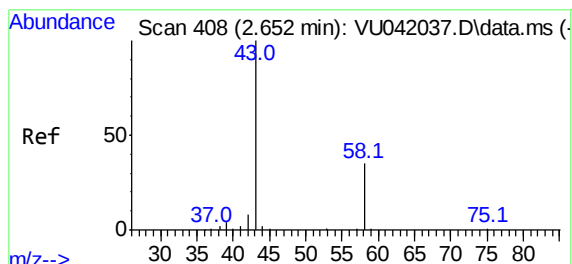
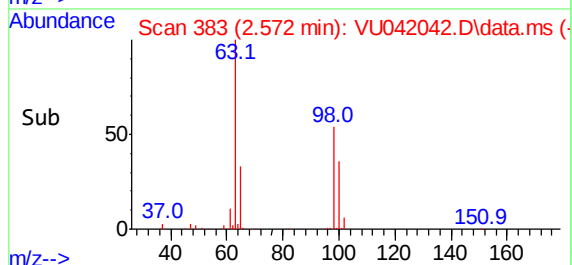
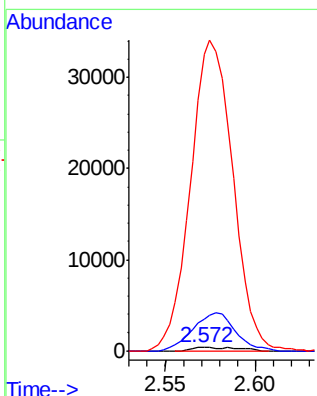
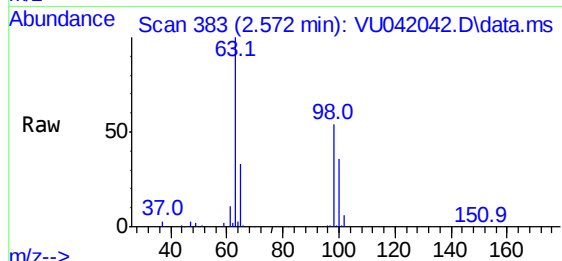




#12
1,1-Dichloroethene
Concen: 0.07 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

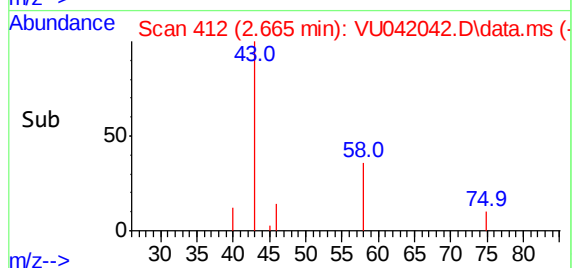
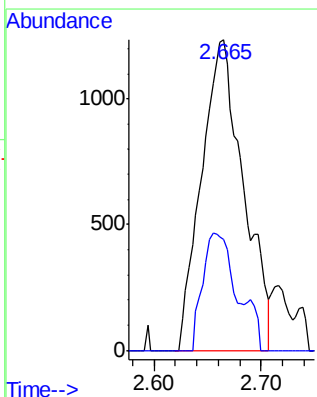
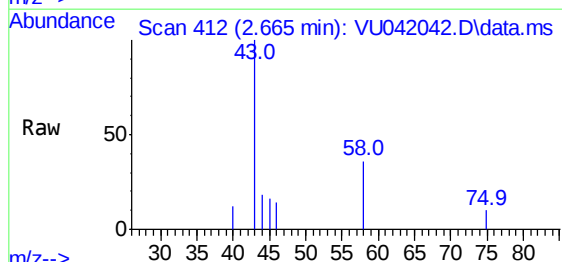
Instrument :
MSVOA_U
ClientSampleId :
BFXN4

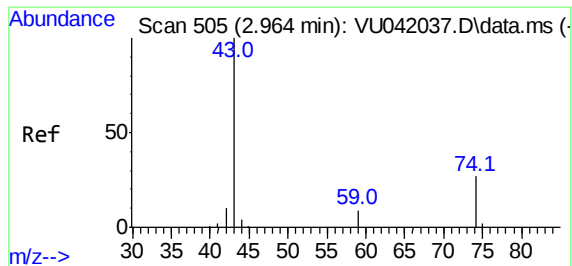
Tgt Ion: 96 Resp: 659
Ion Ratio Lower Upper
96 100
61 914.9 122.2 226.9#
63 8644.7 82.8 153.8#



#13
Acetone
Concen: 1.85 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

Tgt Ion: 43 Resp: 3355
Ion Ratio Lower Upper
43 100
58 27.4 0.0 57.4

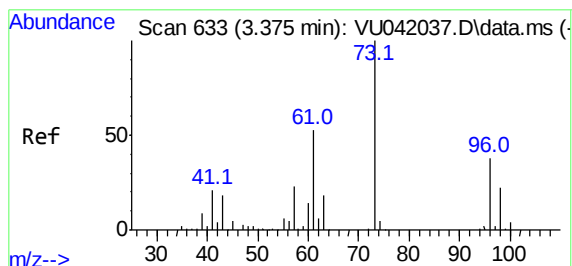
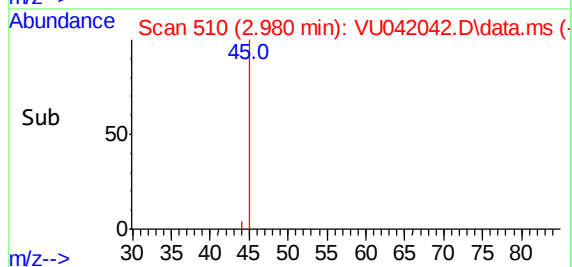
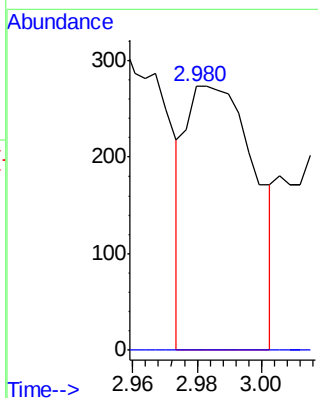
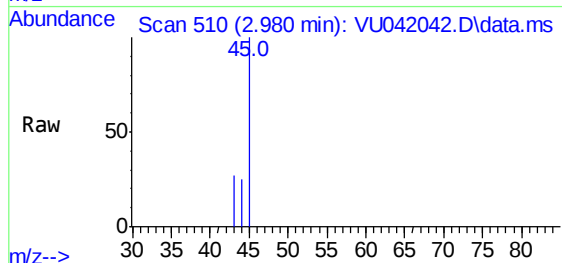




#15
Methyl Acetate
Concen: 0.09 ug/L
RT: 2.980 min Scan# 510
Delta R.T. 0.016 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

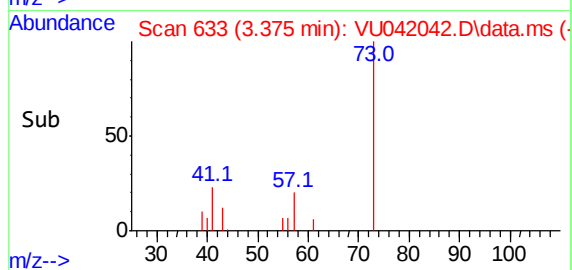
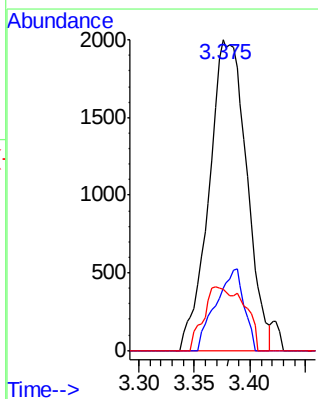
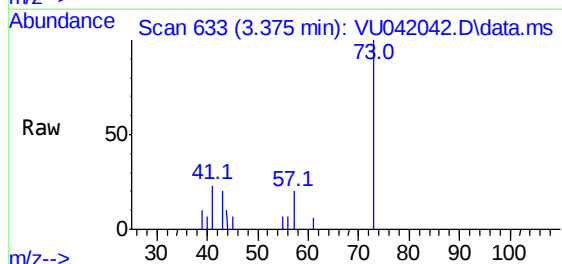
Instrument :
MSVOA_U
ClientSampleId :
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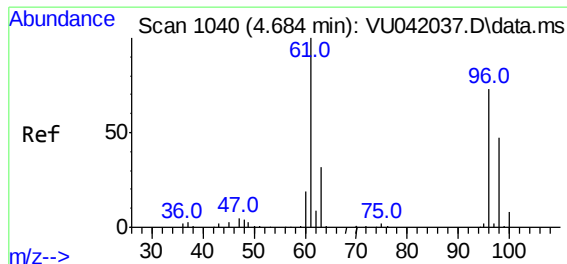
Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#17
Methyl tert-butyl Ether
Concen: 0.20 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

Tgt Ion: 73 Resp: 4693
Ion Ratio Lower Upper
73 100
43 19.6 15.1 22.7
57 21.9 18.0 27.0



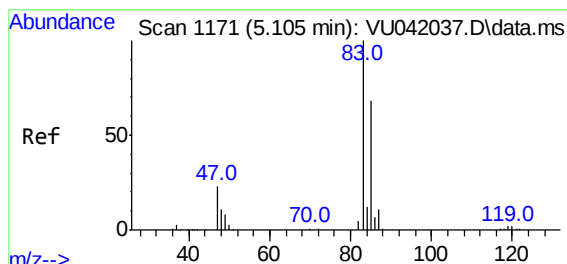
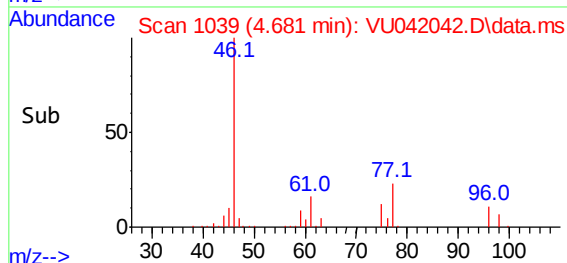
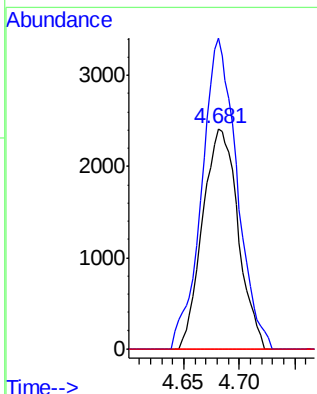
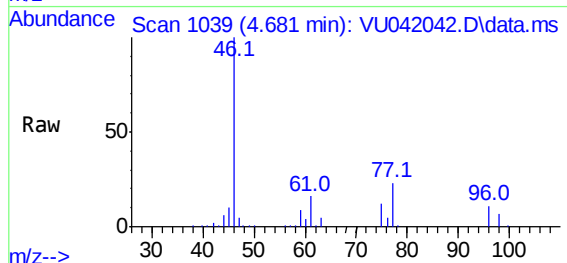


#22
 cis-1,2-Dichloroethene
 Concen: 0.56 ug/L
 RT: 4.681 min Scan# 1039
 Delta R.T. -0.003 min
 Lab File: VU042042.D
 Acq: 14 Jan 2021 19:36

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN4

Tgt Ion: 96 Resp: 5353

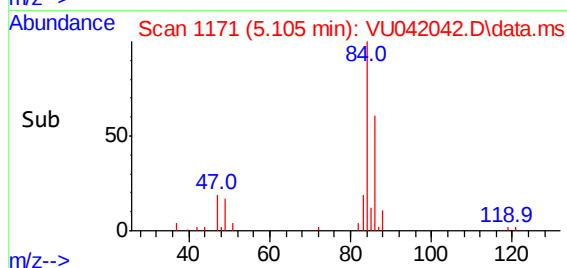
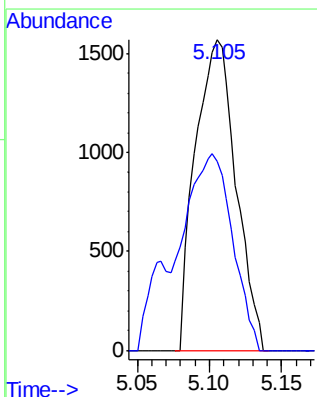
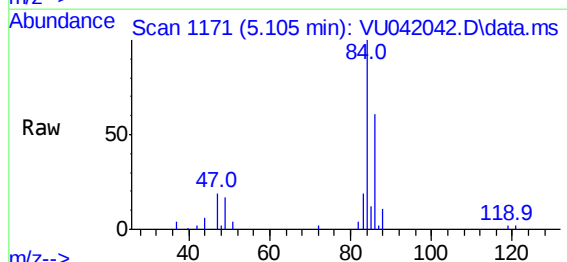
Ion	Ratio	Lower	Upper
96	100		
61	141.0	100.3	186.3
68	0.0	0.0	0.0

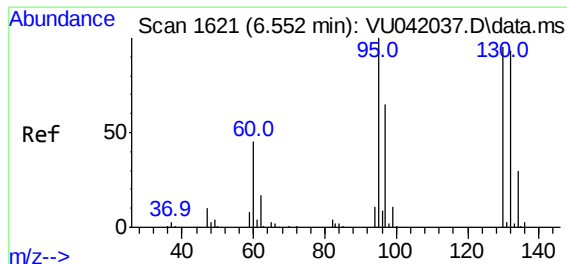


#25
 Chloroform
 Concen: 0.17 ug/L
 RT: 5.105 min Scan# 1171
 Delta R.T. 0.000 min
 Lab File: VU042042.D
 Acq: 14 Jan 2021 19:36

Tgt Ion: 83 Resp: 3071

Ion	Ratio	Lower	Upper
83	100		
85	60.8	46.1	85.7



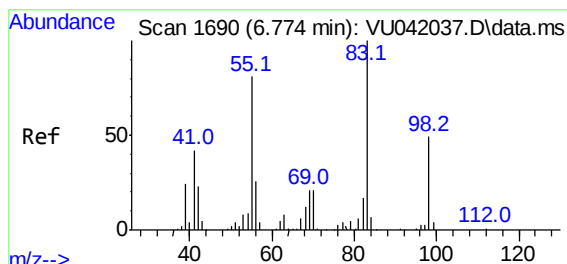
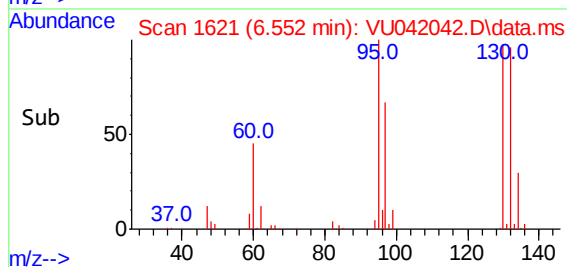
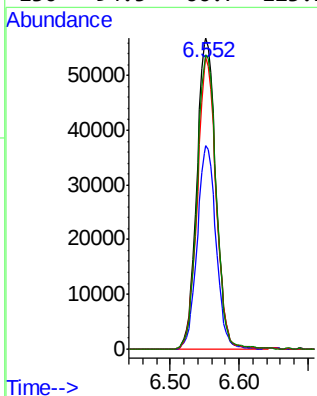
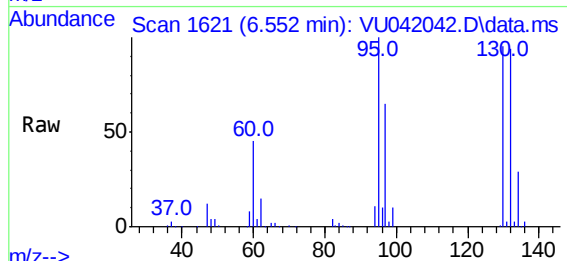


#34
Trichloroethene
Concen: 10.69 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

Instrument :
MSVOA_U
ClientSampleId :
BFXN4

Tgt Ion: 95 Resp: 109059

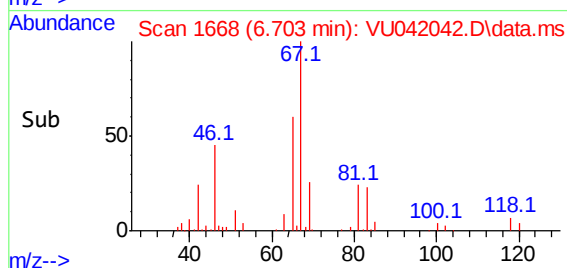
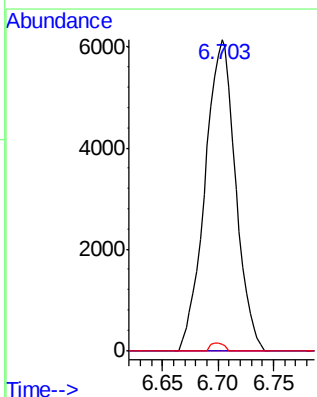
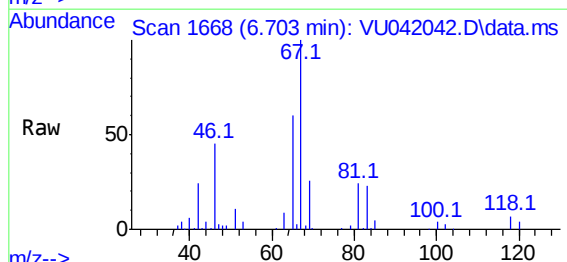
Ion	Ratio	Lower	Upper
95	100		
97	65.5	43.6	81.0
132	93.7	64.3	119.3
130	94.5	66.7	123.9

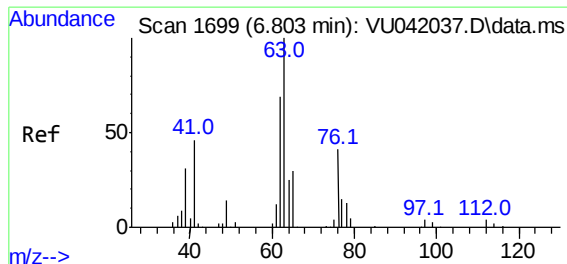


#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

Tgt Ion: 83 Resp: 11726

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	1.0	35.7	53.5#

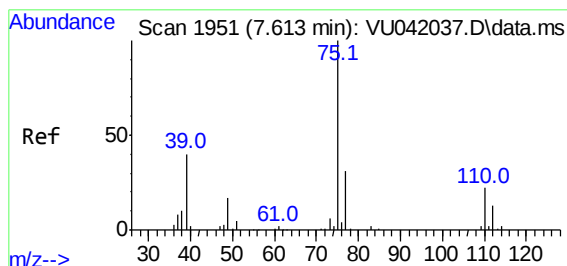
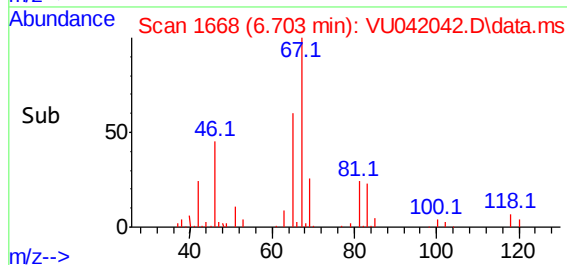
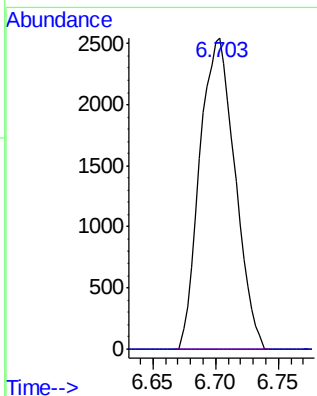
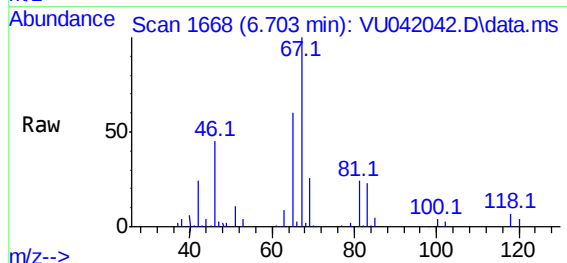




#37
1,2-Dichloropropane
Concen: 0.47 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

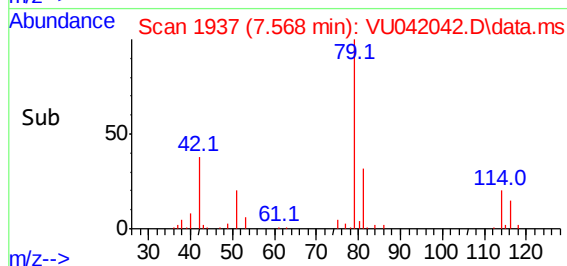
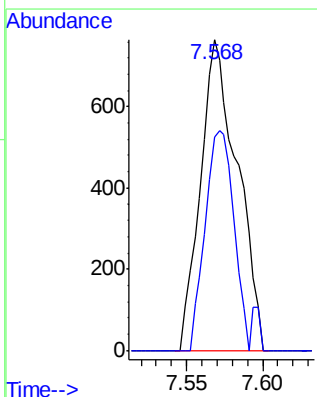
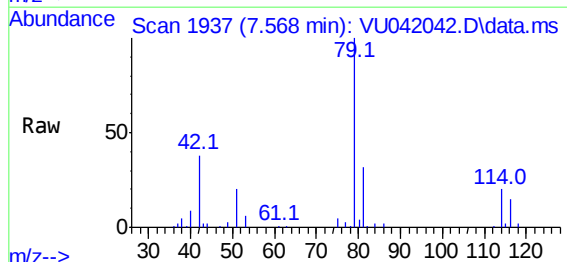
Instrument :
MSVOA_U
ClientSampleId :
BFXN4

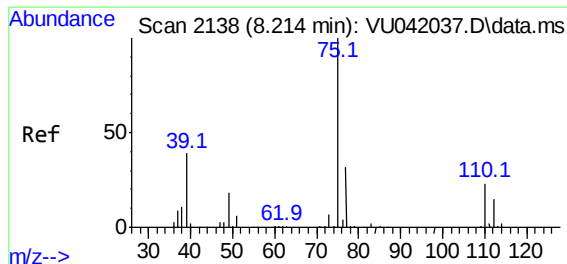
Tgt Ion: 63 Resp: 4950
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

Tgt Ion: 75 Resp: 1289
Ion Ratio Lower Upper
75 100
77 68.8 21.9 40.7#

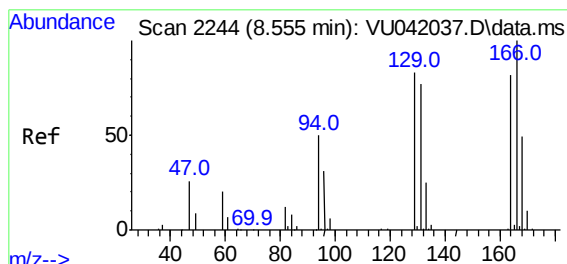
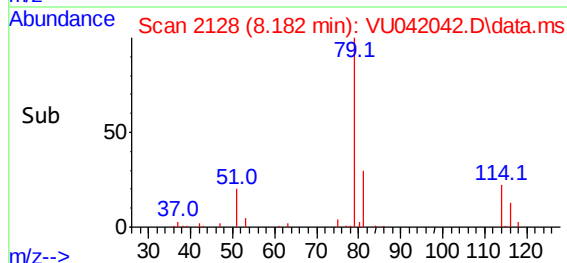
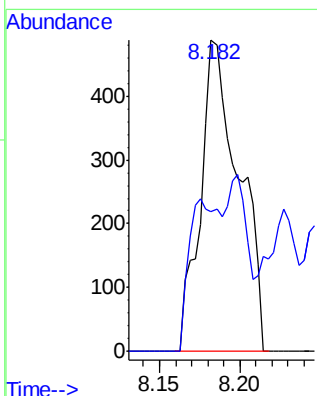
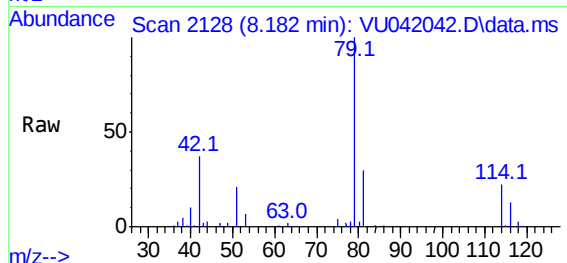




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

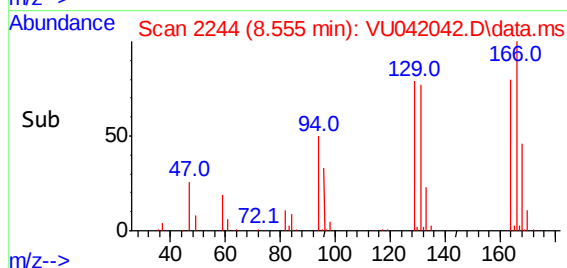
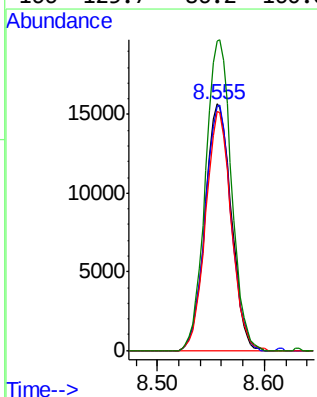
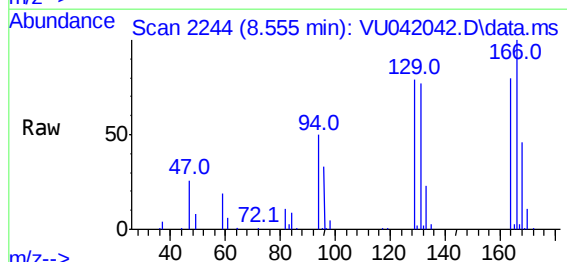
Instrument :
MSVOA_U
ClientSampleId :
BFXN4

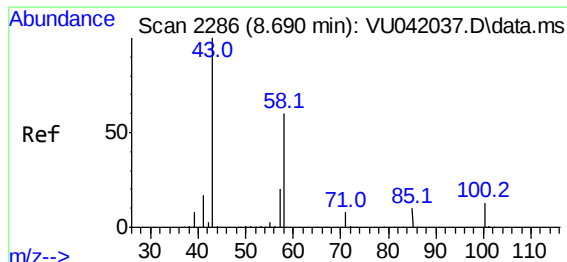
Tgt Ion: 75 Resp: 797
Ion Ratio Lower Upper
75 100
77 44.6 22.0 41.0#



#47
Tetrachloroethene
Concen: 4.01 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

Tgt Ion: 164 Resp: 26480
Ion Ratio Lower Upper
164 100
129 98.8 68.7 127.5
131 96.9 65.2 121.0
166 125.7 86.2 160.0



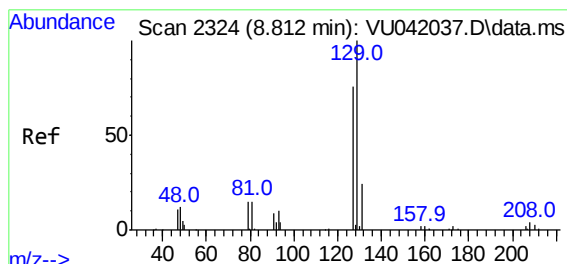
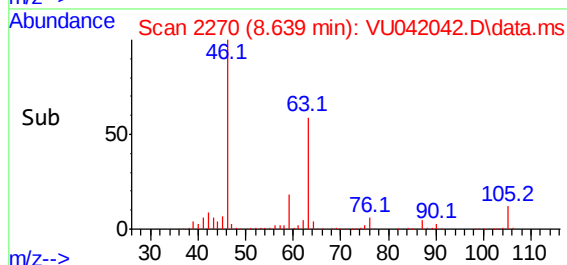
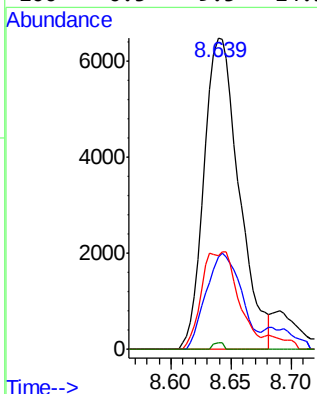
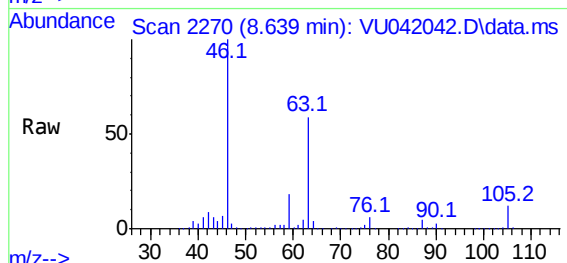


#48
2-Hexanone
Concen: 2.59 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

Instrument :
MSVOA_U
ClientSampleId :
BFXN4

Tgt Ion: 43 Resp: 12789

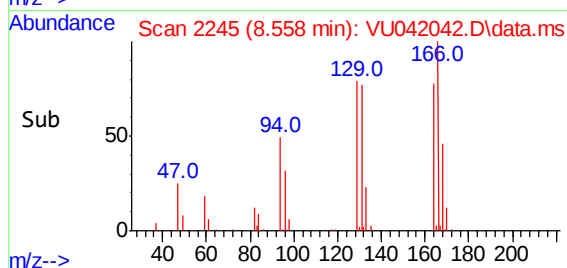
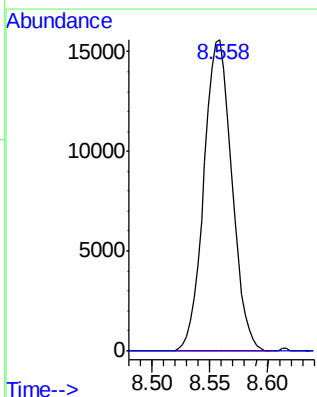
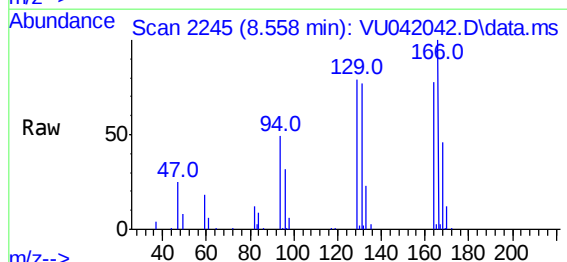
Ion	Ratio	Lower	Upper
43	100		
58	31.2	47.8	71.8#
57	32.9	17.4	26.0#
100	0.5	9.5	14.3#

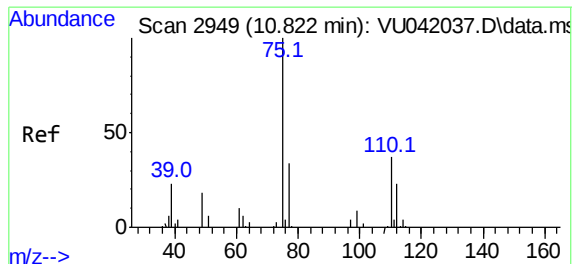


#49
Dibromochloromethane
Concen: 3.20 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042042.D
Acq: 14 Jan 2021 19:36

Tgt Ion: 129 Resp: 26100

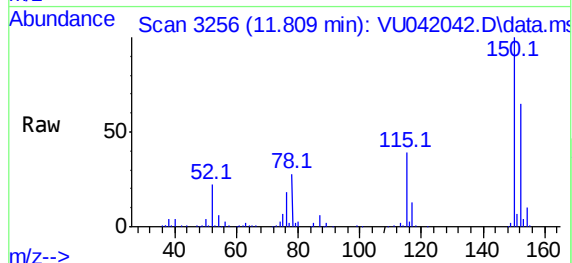
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.80 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.987 min
 Lab File: VU042042.D
 Acq: 14 Jan 2021 19:36

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN4



Tgt Ion: 75 Resp: 5573
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.6 38.4

