

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042049.D
 Acq On : 14 Jan 2021 22:24
 Operator : SY/MD
 Sample : M1065-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN0DL

Quant Time: Jan 15 06:37:41 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	114624	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	103398	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43100	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36846	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.919	69	39750	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.575	63	59974	3.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.80%			
20) 2-Butanone-d5	4.661	46	160807	55.40	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.80%			
24) Chloroform-d	5.079	84	83333	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.716	65	46452	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.742	84	153151	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
36) 1,2-Dichloropropane-d6	6.703	67	54449	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.906	98	129718	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
43) trans-1,3-Dichloroprop...	8.182	79	20926	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.642	63	135162	59.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 119.68%			
57) 1,1,2,2-Tetrachloroeth...	10.754	84	41404	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	12.188	152	43317	5.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.80%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1405	0.13	ug/L #	88
3) Chloromethane	1.520	50	1430	0.11	ug/L	91
9) Trichlorofluoromethane	2.144	101	696	0.04	ug/L #	83
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	1346	0.15	ug/L #	72
12) 1,1-Dichloroethene	2.588	96	4814	0.53	ug/L #	1
16) Methylene chloride	3.057	84	4236	0.41	ug/L	94
19) 1,1-Dichloroethane	3.887	63	2533	0.14	ug/L #	84
22) cis-1,2-Dichloroethene	4.681	96	3299	0.35	ug/L	87
25) Chloroform	5.102	83	1661	0.09	ug/L	98
34) Trichloroethene	6.552	95	105085	10.99	ug/L	99
35) Methylcyclohexane	6.700	83	13082	0.86	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5812	0.58	ug/L #	90
39) cis-1,3-Dichloropropene	7.578	75	1184	0.08	ug/L #	23
44) trans-1,3-Dichloropropene	8.182	75	820	0.06	ug/L	86
45) 1,1,2-Trichloroethane	8.555	97	441	0.06	ug/L #	1
47) Tetrachloroethene	8.558	164	63199	10.20	ug/L	97
48) 2-Hexanone	8.642	43	16106	3.47	ug/L #	69
49) Dibromochloromethane	8.558	129	62514	8.17	ug/L #	11
59) 1,2,3-Trichloropropane	11.812	75	5256	0.80	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
Data File : VU042049.D
Acq On : 14 Jan 2021 22:24
Operator : SY/MD
Sample : M1065-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXN0DL

Quant Time: Jan 15 06:37:41 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

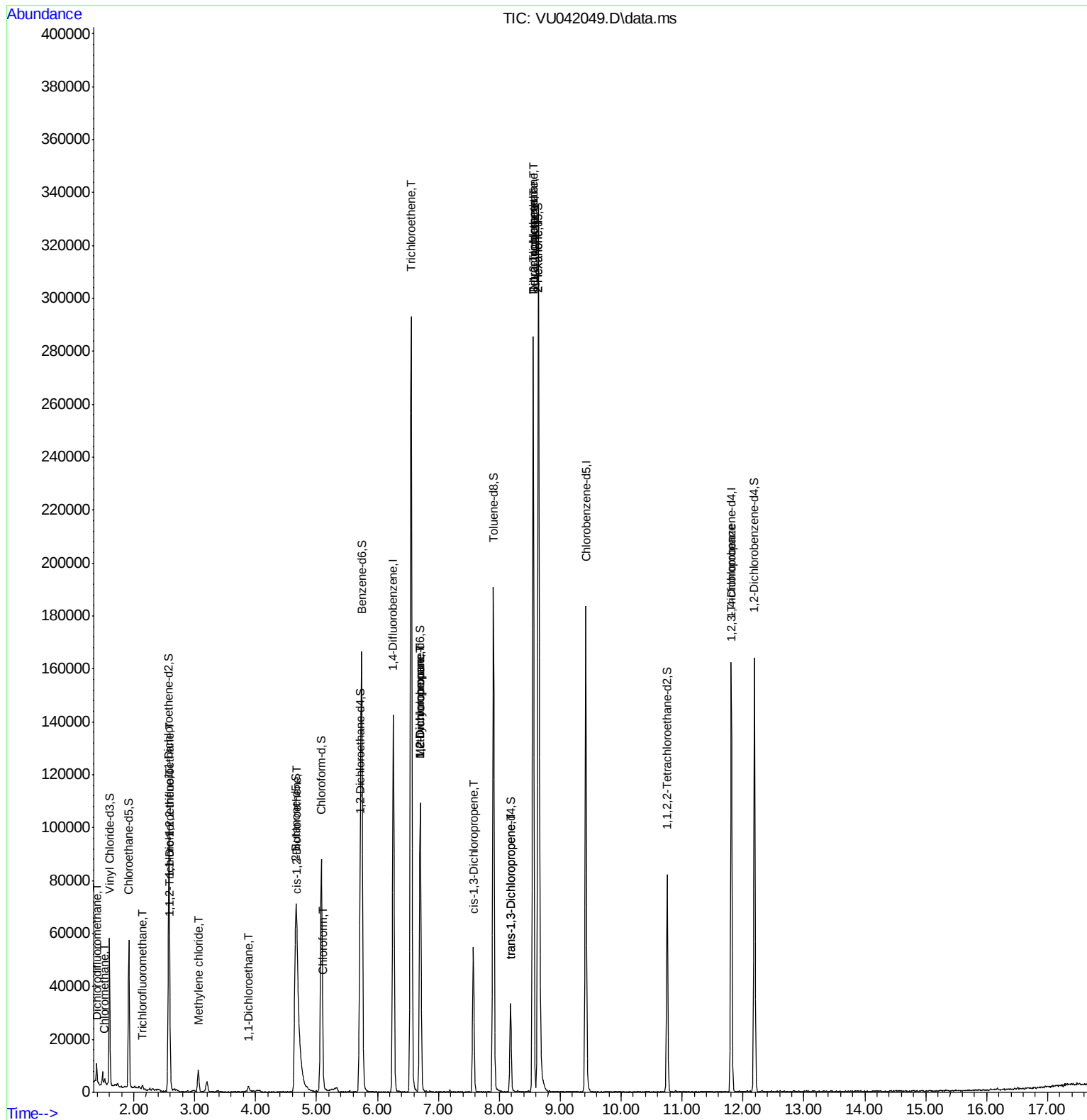
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

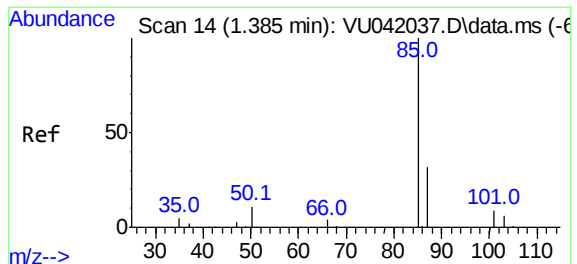
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
Data File : VU042049.D
Acq On : 14 Jan 2021 22:24
Operator : SY/MD
Sample : M1065-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXN0DL

Quant Time: Jan 15 06:37:41 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

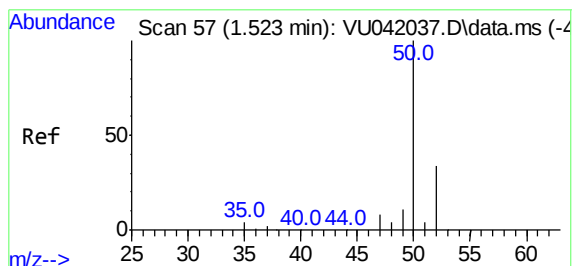
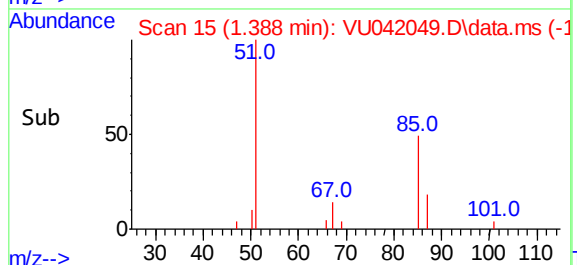
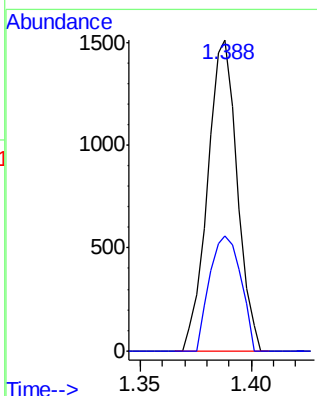
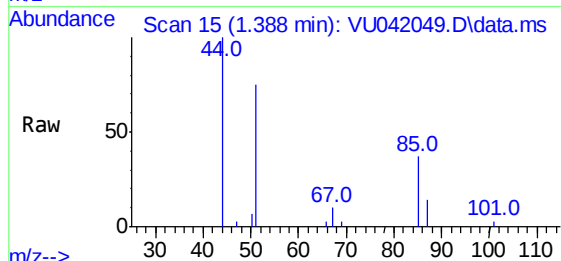




#2
Dichlorodifluoromethane
Concen: 0.13 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

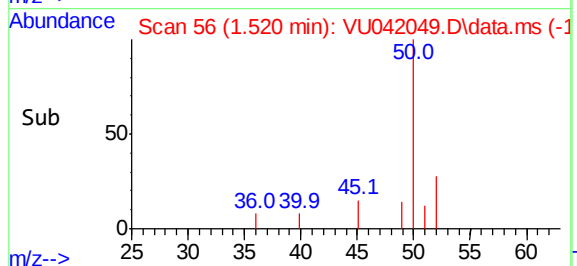
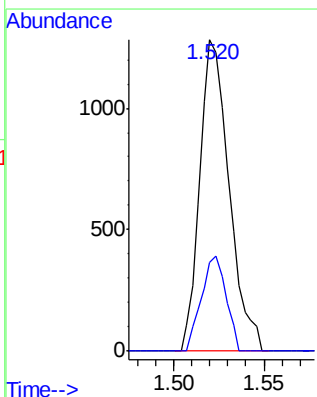
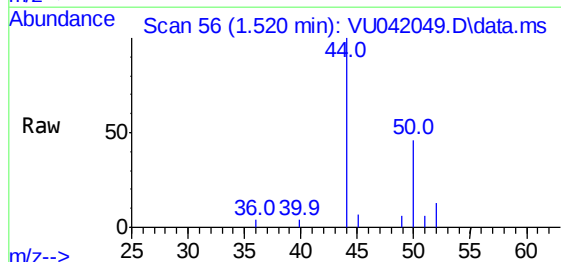
Instrument :
MSVOA_U
ClientSampled :
BFXN0DL

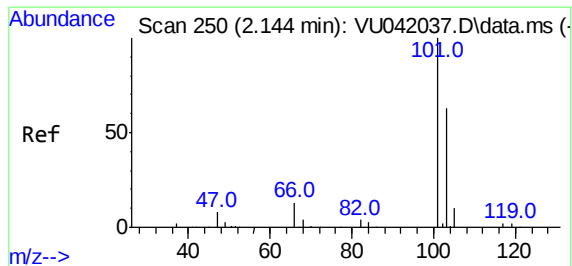
Tgt Ion: 85 Resp: 1405
Ion Ratio Lower Upper
85 100
87 38.9 25.7 38.5#



#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

Tgt Ion: 50 Resp: 1430
Ion Ratio Lower Upper
50 100
52 28.3 23.5 43.7

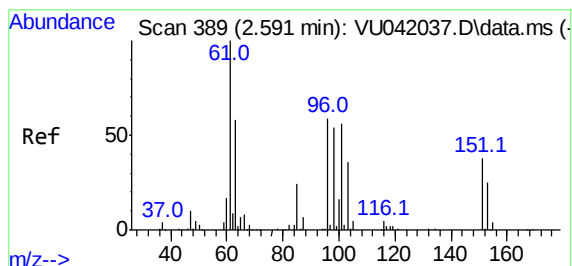
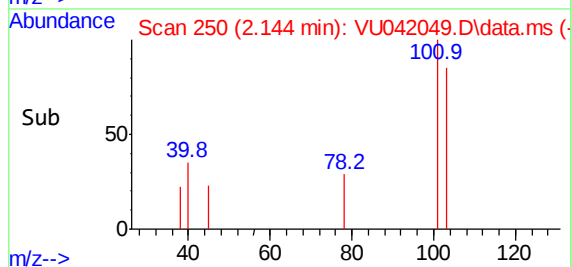
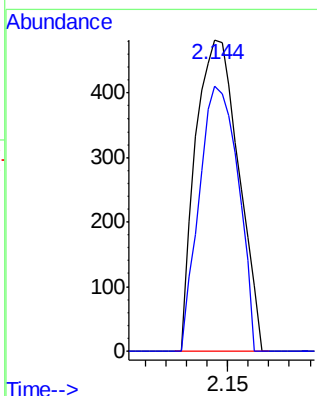
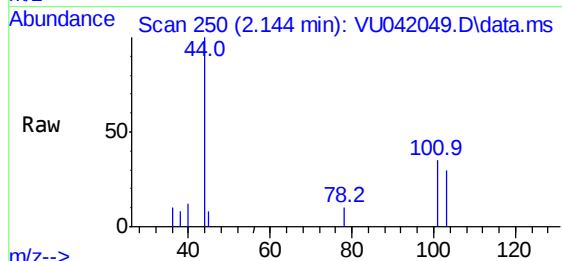




#9
Trichlorofluoromethane
Concen: 0.04 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

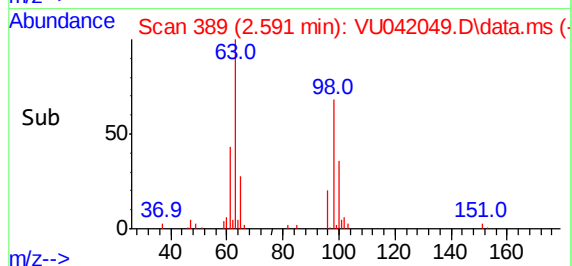
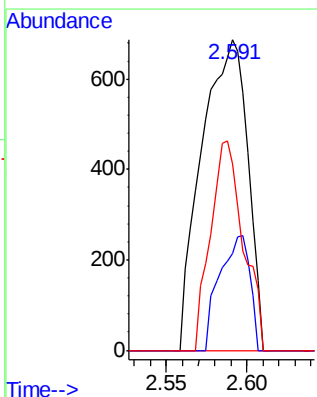
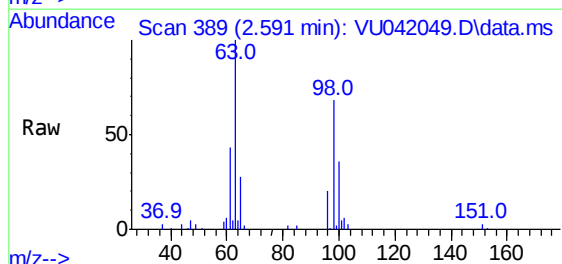
Instrument :
MSVOA_U
ClientSampleId :
BFXN0DL

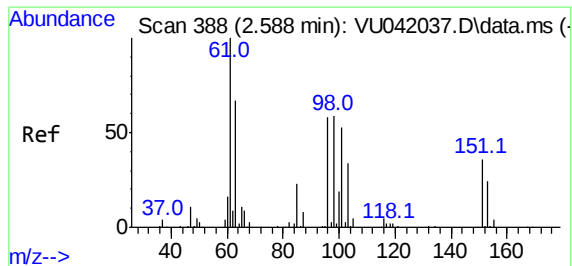
Tgt Ion:101 Resp: 696
Ion Ratio Lower Upper
101 100
103 77.6 51.6 77.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.15 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.000 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

Tgt Ion:101 Resp: 1346
Ion Ratio Lower Upper
101 100
85 24.3 35.9 53.9#
151 48.0 55.4 83.2#

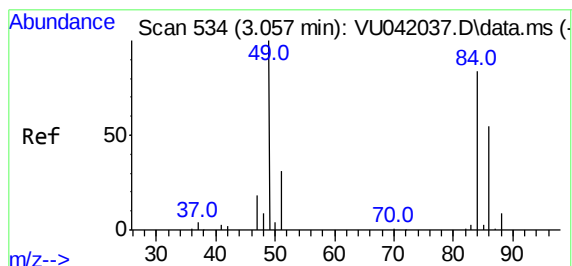
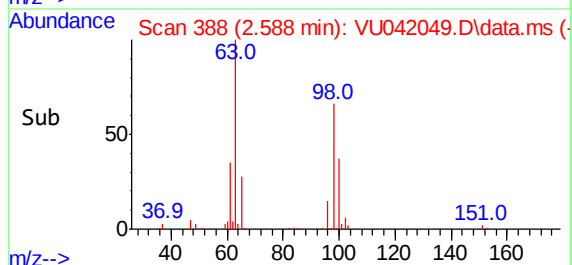
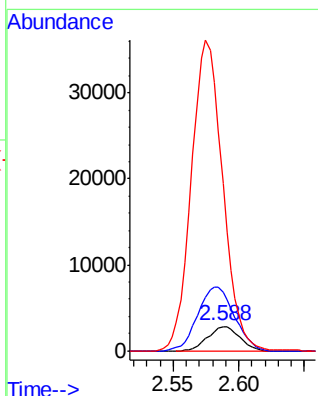
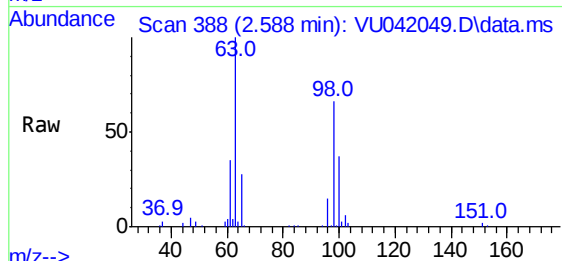




#12
1,1-Dichloroethene
Concen: 0.53 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

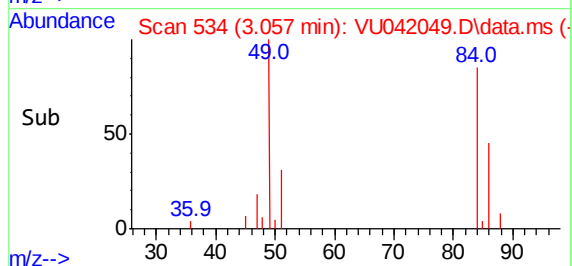
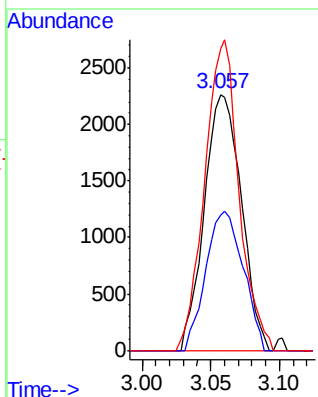
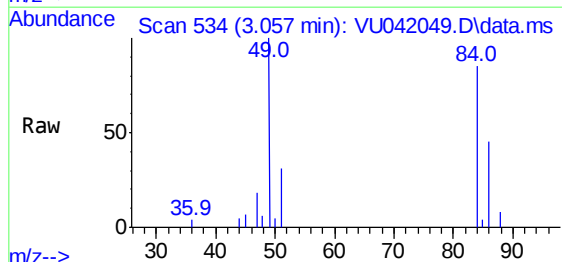
Instrument :
MSVOA_U
ClientSampleId :
BFXN0DL

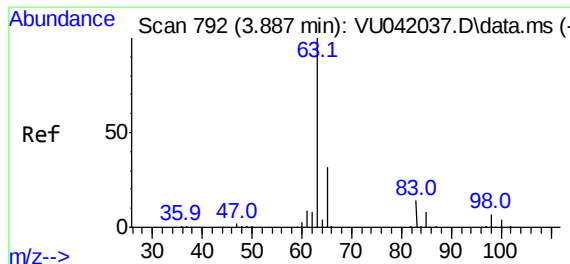
Tgt Ion: 96 Resp: 4814
Ion Ratio Lower Upper
96 100
61 238.7 122.2 226.9#
63 681.4 82.8 153.8#



#16
Methylene chloride
Concen: 0.41 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

Tgt Ion: 84 Resp: 4236
Ion Ratio Lower Upper
84 100
86 53.1 42.6 79.0
49 117.9 86.2 160.0

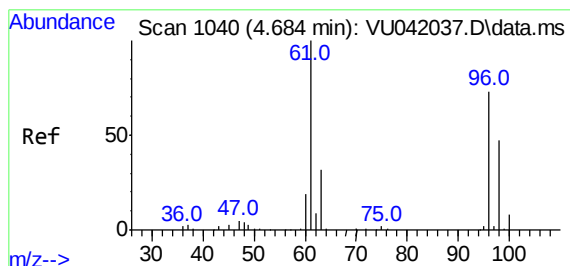
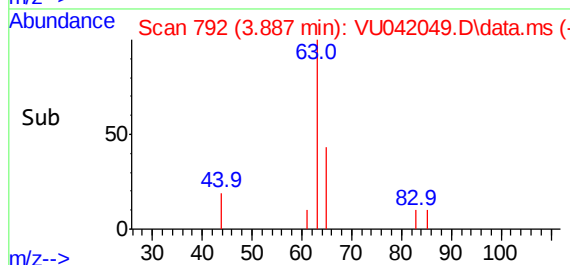
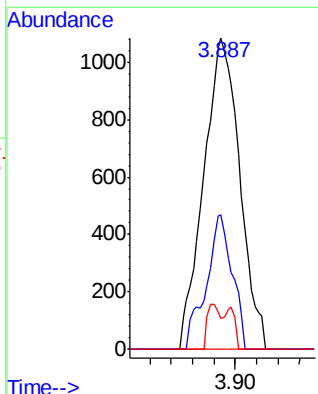
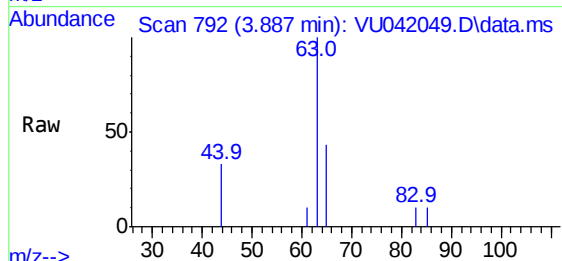




#19
1,1-Dichloroethane
Concen: 0.14 ug/L
RT: 3.887 min Scan# 792
Delta R.T. 0.000 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

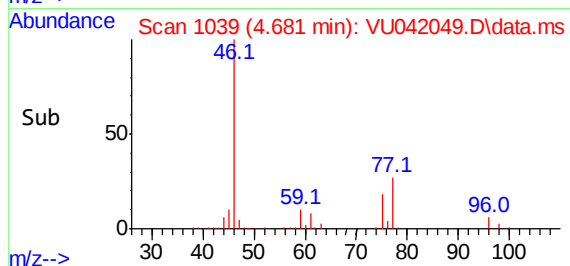
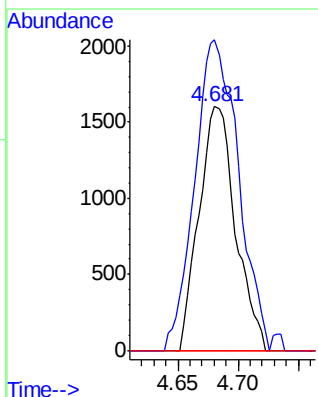
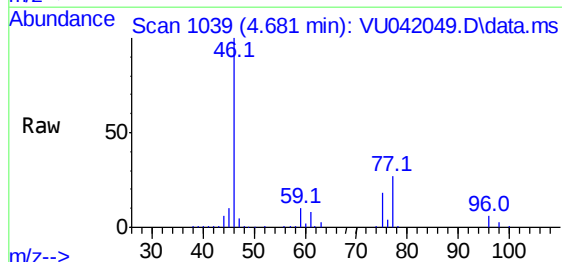
Instrument :
MSVOA_U
ClientSampled :
BFXN0DL

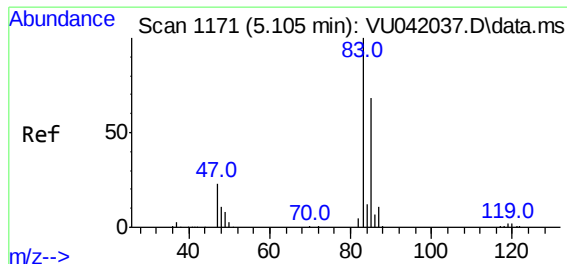
Tgt Ion: 63 Resp: 2533
Ion Ratio Lower Upper
63 100
65 43.1 22.7 42.1#
83 9.8 9.4 17.6



#22
cis-1,2-Dichloroethene
Concen: 0.35 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. -0.003 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

Tgt Ion: 96 Resp: 3299
Ion Ratio Lower Upper
96 100
61 127.5 100.3 186.3
68 0.0 0.0 0.0

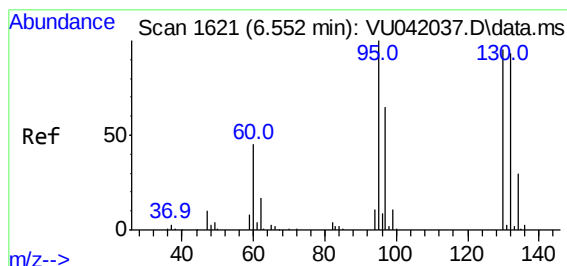
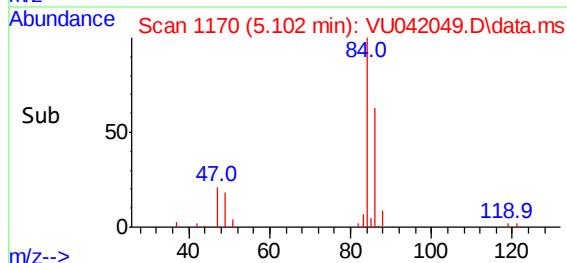
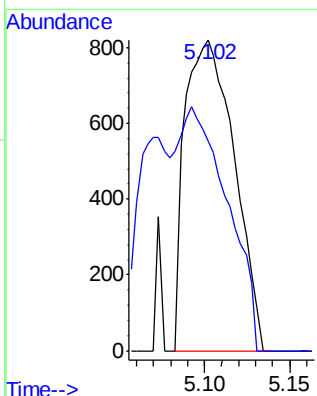
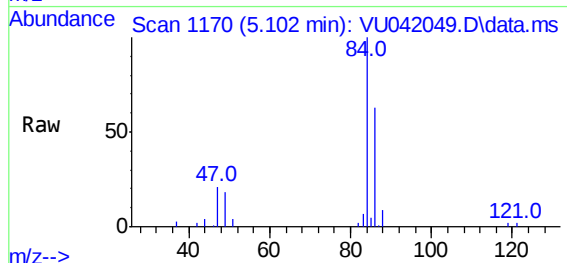




#25
Chloroform
Concen: 0.09 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

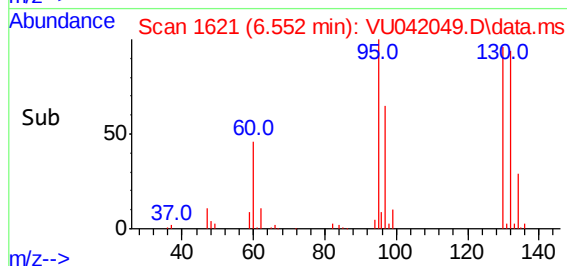
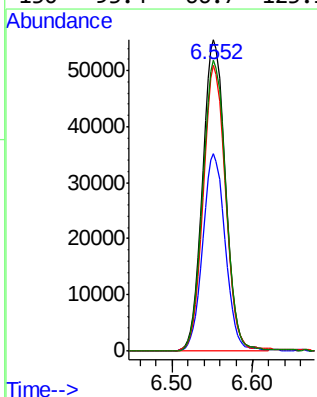
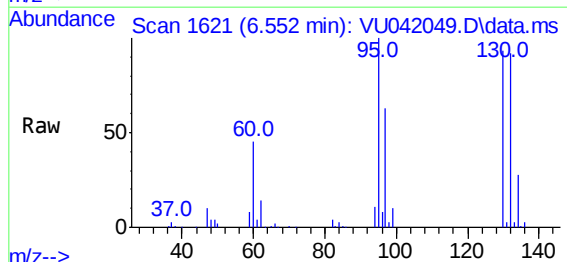
Instrument :
MSVOA_U
ClientSampleId :
BFXN0DL

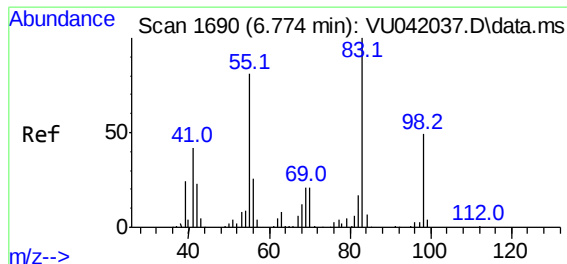
Tgt Ion: 83 Resp: 1661
Ion Ratio Lower Upper
83 100
85 67.3 46.1 85.7



#34
Trichloroethene
Concen: 10.99 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

Tgt Ion: 95 Resp: 105085
Ion Ratio Lower Upper
95 100
97 63.3 43.6 81.0
132 91.6 64.3 119.3
130 93.4 66.7 123.9

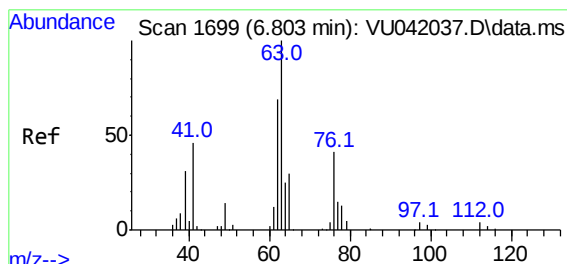
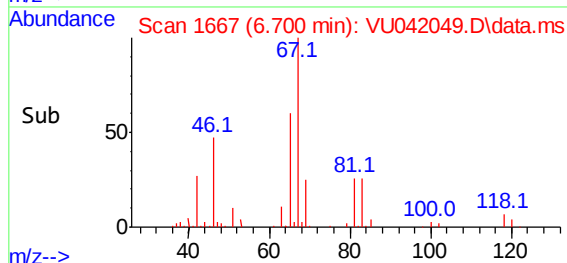
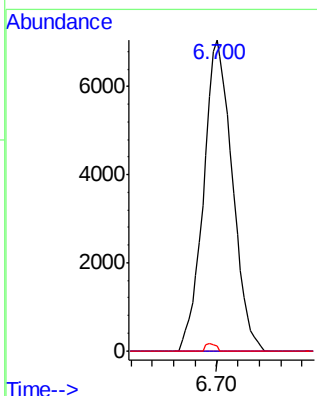
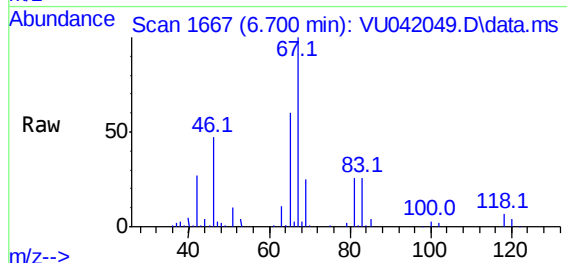




#35
Methylcyclohexane
Concen: 0.86 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

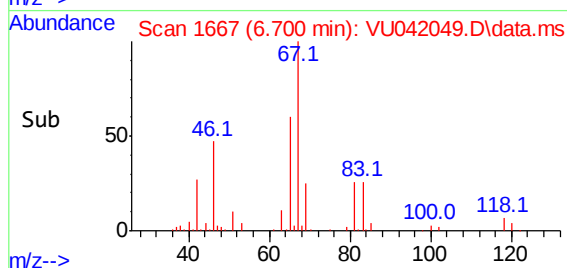
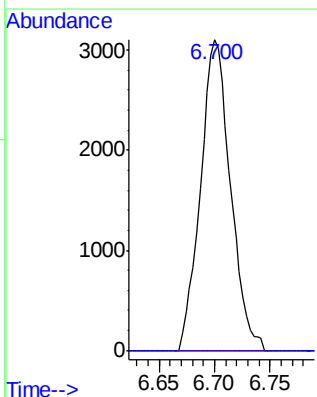
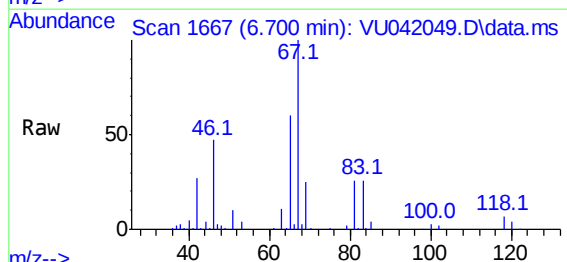
Instrument :
MSVOA_U
ClientSampleId :
BFXN0DL

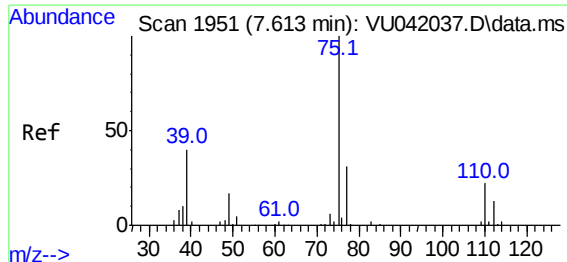
Tgt Ion: 83 Resp: 13082
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.8 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

Tgt Ion: 63 Resp: 5812
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

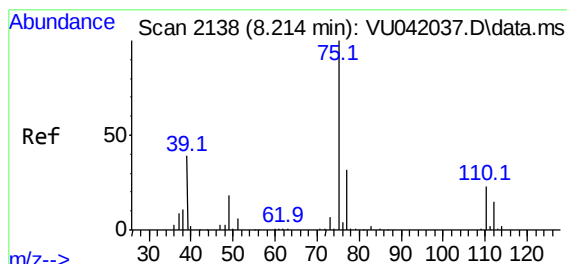
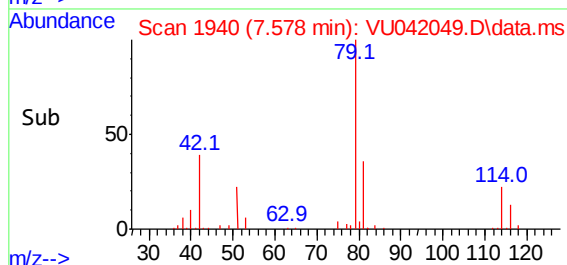
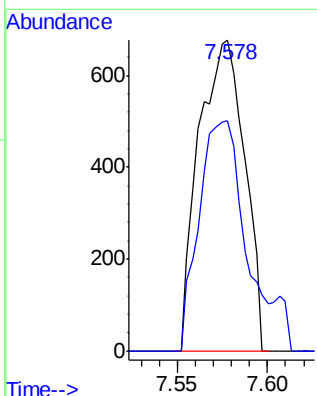
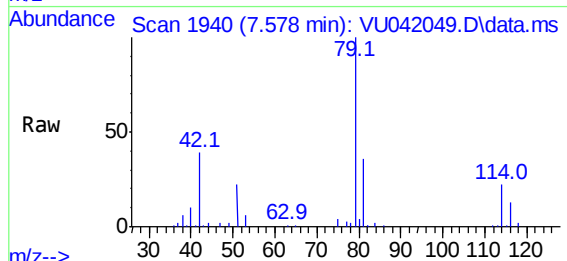




#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.035 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

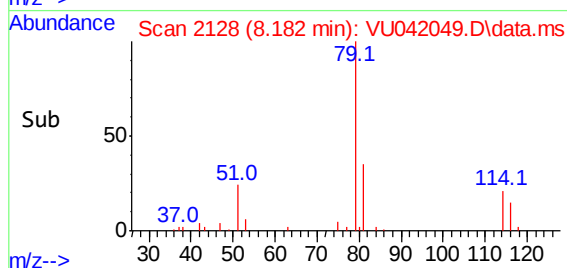
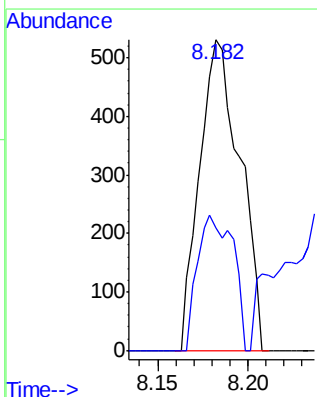
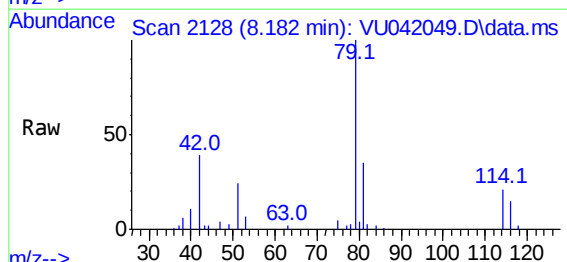
Instrument :
MSVOA_U
ClientSampleId :
BFXN0DL

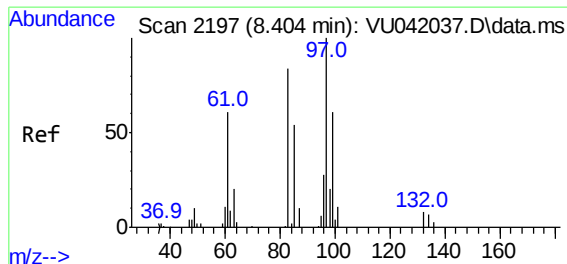
Tgt Ion: 75 Resp: 1184
Ion Ratio Lower Upper
75 100
77 74.0 21.9 40.7#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

Tgt Ion: 75 Resp: 820
Ion Ratio Lower Upper
75 100
77 39.4 22.0 41.0



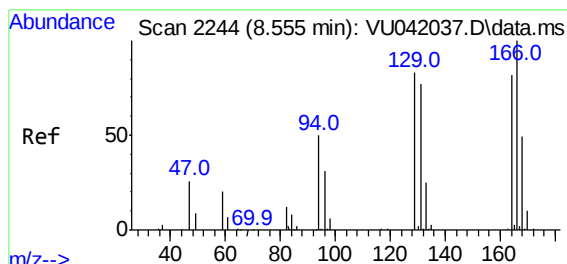
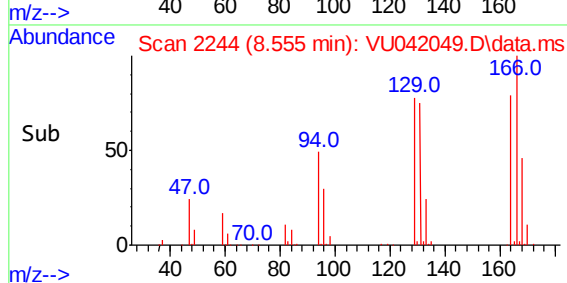
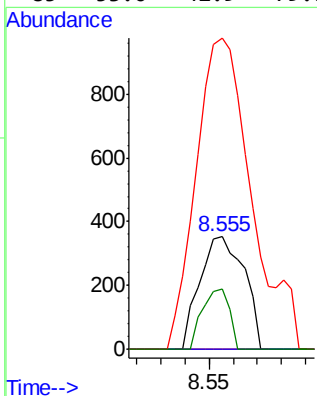
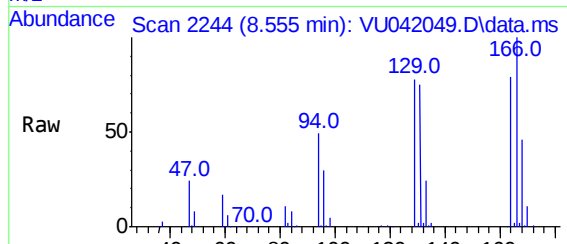


#45
1,1,2-Trichloroethane
Concen: 0.06 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.151 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

Instrument :
MSVOA_U
ClientSampled :
BFXN0DL

Tgt Ion: 97 Resp: 441

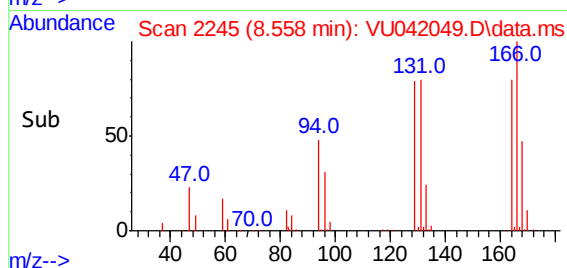
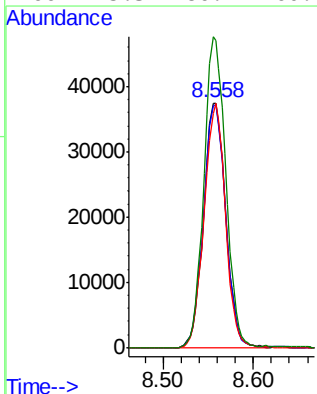
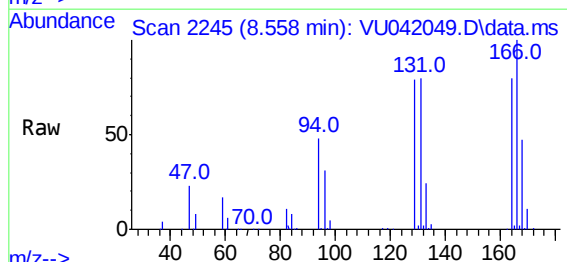
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.7	83.1#
83	276.8	61.6	114.4#
85	53.0	42.9	79.7

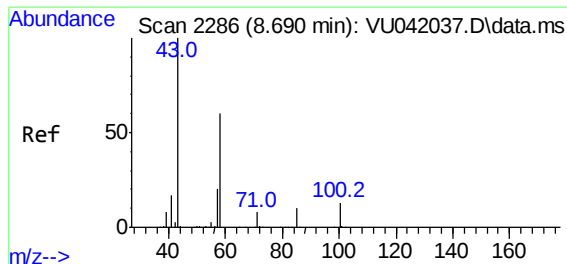


#47
Tetrachloroethene
Concen: 10.20 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

Tgt Ion: 164 Resp: 63199

Ion	Ratio	Lower	Upper
164	100		
129	99.0	68.7	127.5
131	99.7	65.2	121.0
166	125.3	86.2	160.0

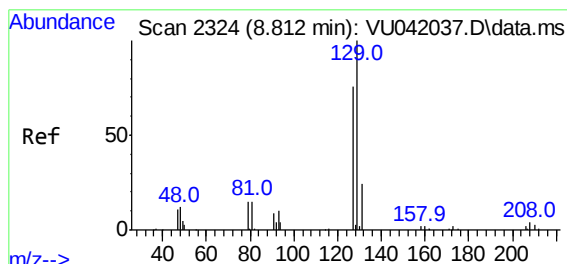
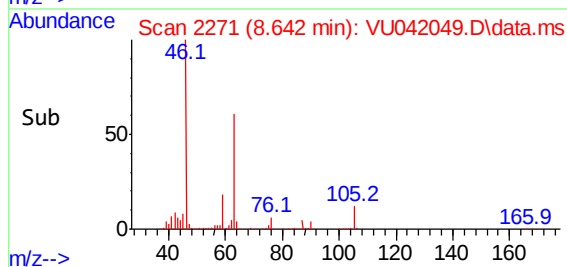
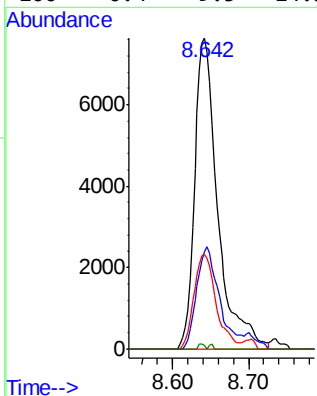
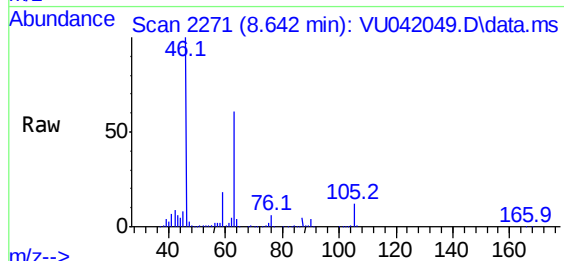




#48
2-Hexanone
Concen: 3.47 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

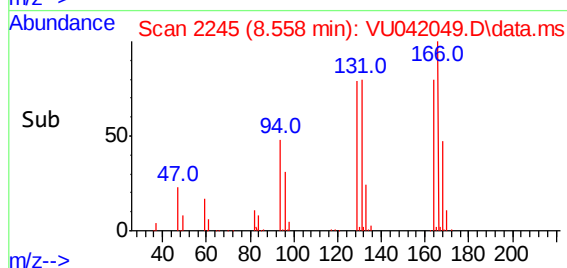
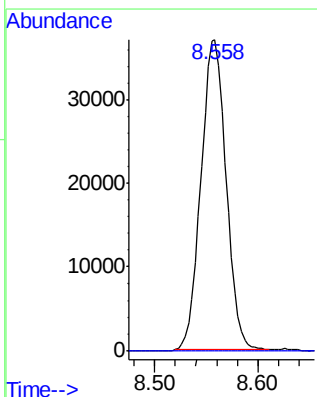
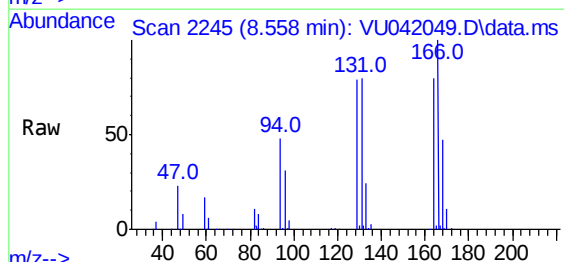
Instrument :
MSVOA_U
ClientSampleId :
BFXN0DL

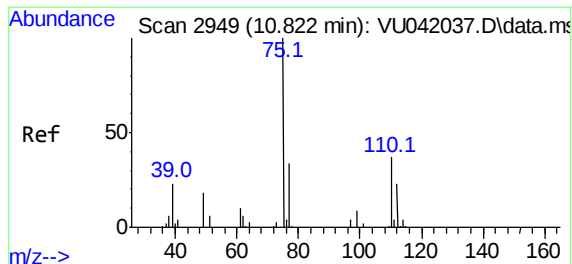
Tgt Ion: 43 Resp: 16106
Ion Ratio Lower Upper
43 100
58 32.4 47.8 71.8#
57 29.1 17.4 26.0#
100 0.4 9.5 14.3#



#49
Dibromochloromethane
Concen: 8.17 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042049.D
Acq: 14 Jan 2021 22:24

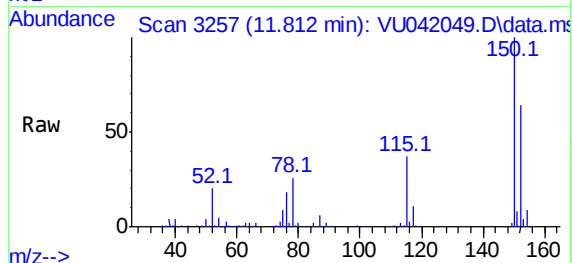
Tgt Ion: 129 Resp: 62514
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.80 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.990 min
 Lab File: VU042049.D
 Acq: 14 Jan 2021 22:24

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN0DL



Tgt Ion: 75 Resp: 5256
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.6 38.4

