

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042107.D
 Acq On : 20 Jan 2021 15:47
 Operator : SY/MD
 Sample : M1164-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ0

Quant Time: Jan 21 04:22:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 04:09:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	115860	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	108202	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	54842	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39214	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.916	69	32620	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.568	63	66286	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	4.655	46	153169	56.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.32%
24) Chloroform-d	5.073	84	82224	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.710	65	51066	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.735	84	156525	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.700	67	51258	5.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.40%
41) Toluene-d8	7.906	98	144437	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
43) trans-1,3-Dichloroprop...	8.189	79	25635	5.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.00%
46) 2-Hexanone-d5	8.645	63	114781	57.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.14%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	42698	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	56323	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	12966	1.19	ug/L	99
3) Chloromethane	1.520	50	716	0.07	ug/L	92
9) Trichlorofluoromethane	2.141	101	5856	0.46	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	584	0.07	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	659	0.08	ug/L #	1
13) Acetone	2.681	43	2297	1.26	ug/L	91
17) Methyl tert-butyl Ether	3.372	73	2937	0.13	ug/L #	85
25) Chloroform	5.102	83	1579	0.10	ug/L	89
33) Benzene	5.735	78	1281	0.04	ug/L	100
34) Trichloroethene	6.549	95	6424	0.75	ug/L	96
35) Methylcyclohexane	6.700	83	12551	0.87	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	6358	0.76	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1767	0.13	ug/L #	62
44) trans-1,3-Dichloropropene	8.189	75	991	0.08	ug/L #	43
47) Tetrachloroethene	8.558	164	3896	0.55	ug/L	96
48) 2-Hexanone	8.645	43	17370	3.48	ug/L #	71
49) Dibromochloromethane	8.558	129	3589	0.43	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	6147	1.04	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
Data File : VU042107.D
Acq On : 20 Jan 2021 15:47
Operator : SY/MD
Sample : M1164-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXQ0

Quant Time: Jan 21 04:22:39 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 04:09:50 2021
Response via : Initial Calibration

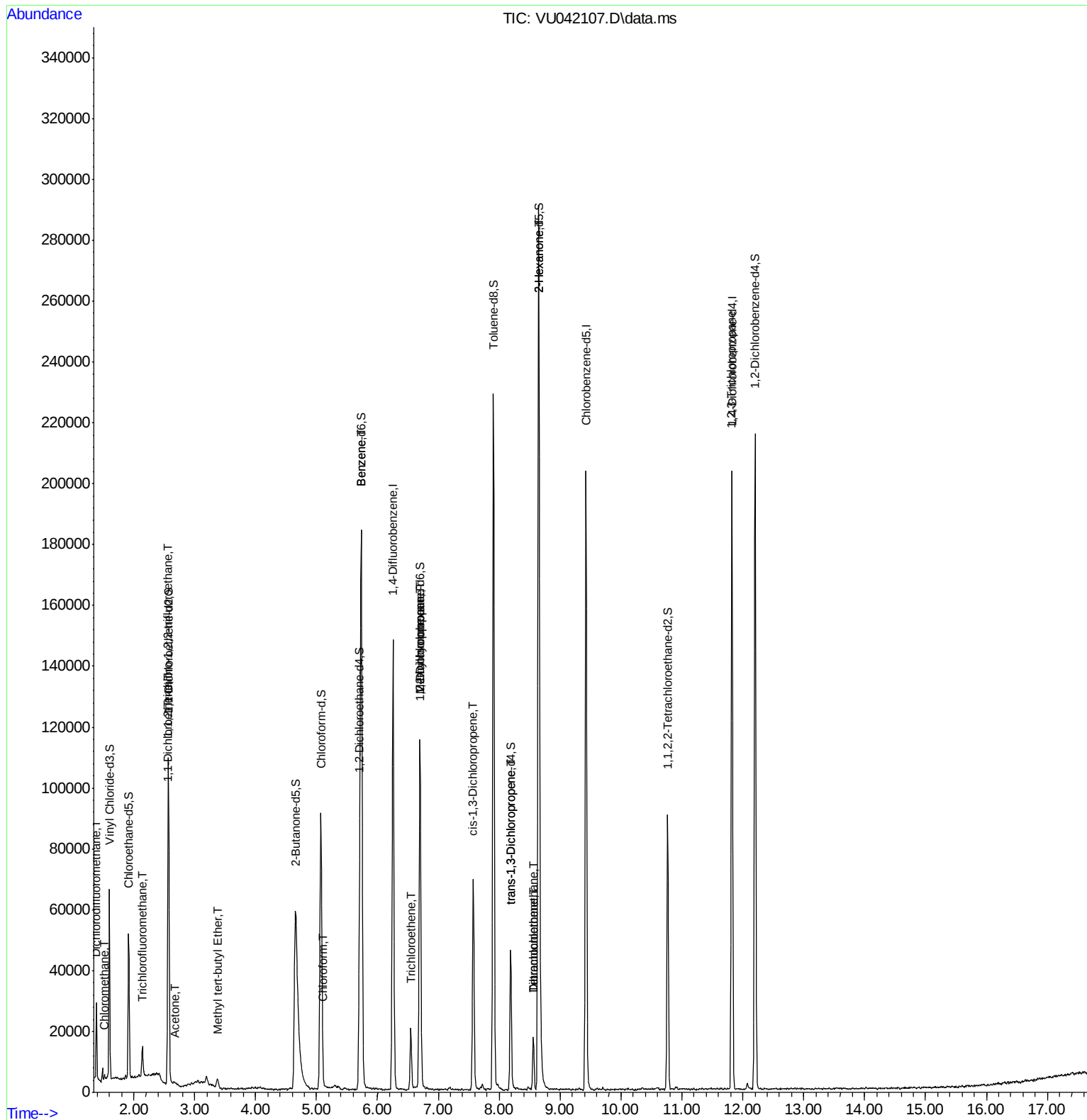
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

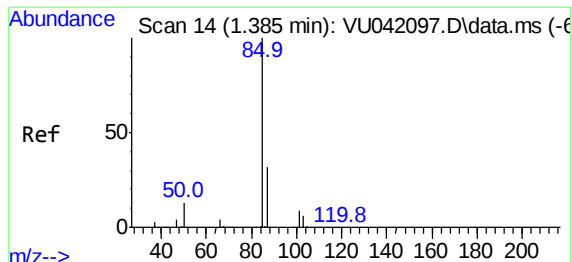
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
Data File : VU042107.D
Acq On : 20 Jan 2021 15:47
Operator : SY/MD
Sample : M1164-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXQ0

Quant Time: Jan 21 04:22:39 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 04:09:50 2021
Response via : Initial Calibration

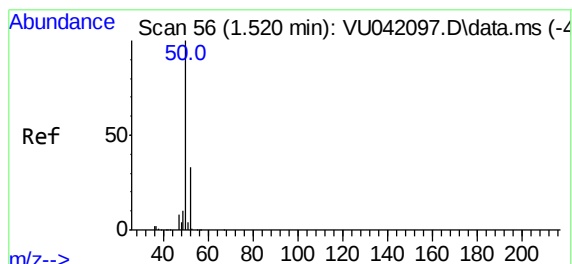
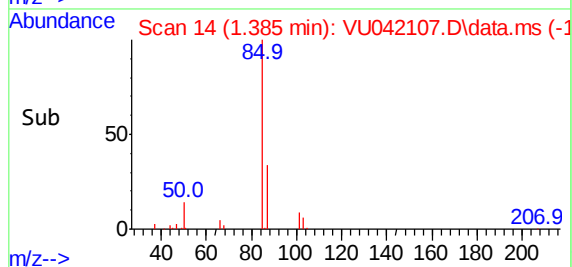
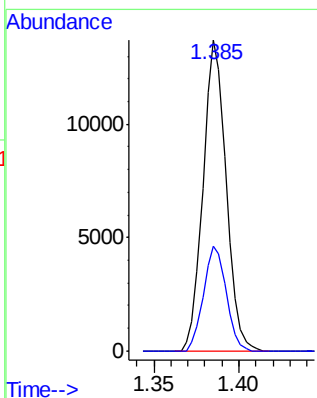
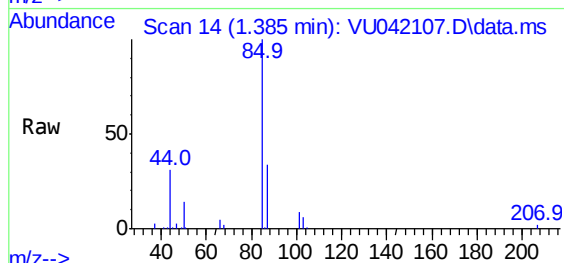




#2
Dichlorodifluoromethane
Concen: 1.19 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

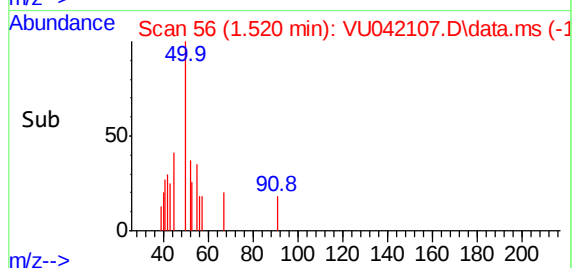
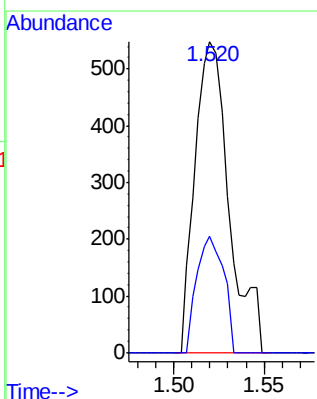
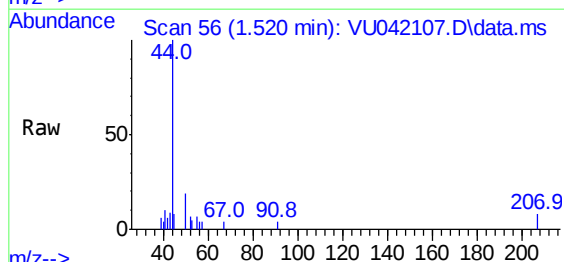
Instrument :
MSVOA_U
ClientSampleId :
BFXQ0

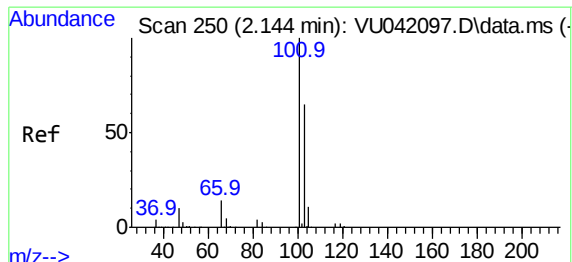
Tgt Ion: 85 Resp: 12966
Ion Ratio Lower Upper
85 100
87 33.1 26.1 39.1



#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

Tgt Ion: 50 Resp: 716
Ion Ratio Lower Upper
50 100
52 37.4 23.0 42.8

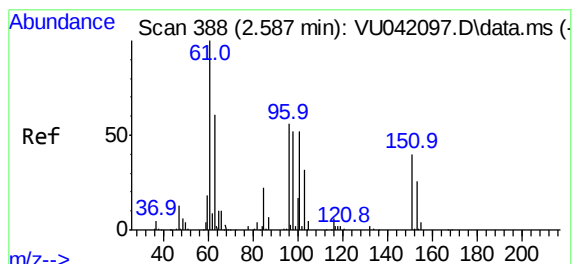
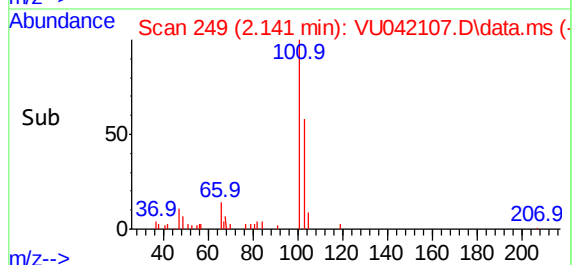
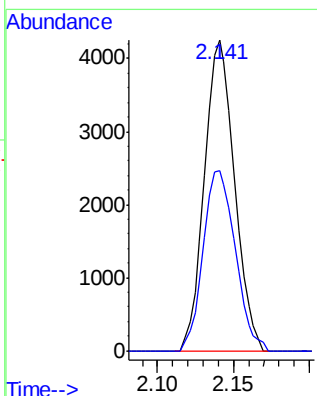
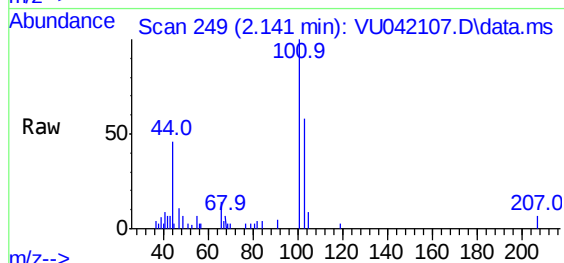




#9
 Trichlorofluoromethane
 Concen: 0.46 ug/L
 RT: 2.141 min Scan# 249
 Delta R.T. -0.003 min
 Lab File: VU042107.D
 Acq: 20 Jan 2021 15:47

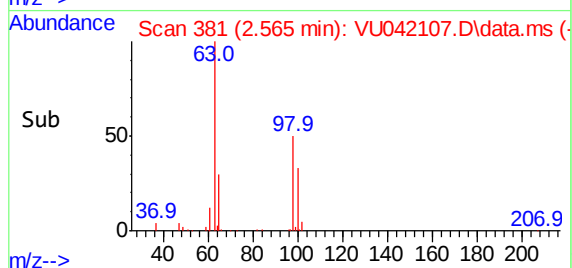
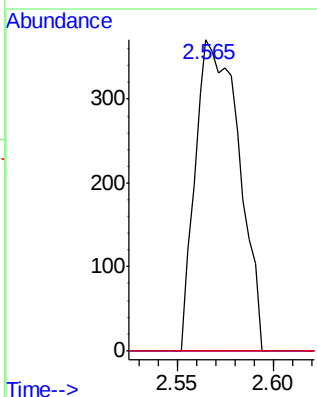
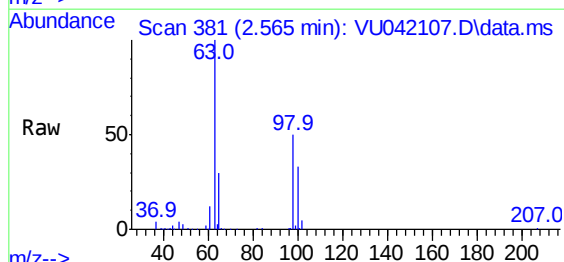
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ0

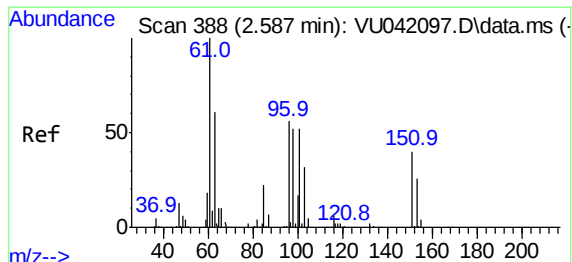
Tgt Ion:101 Resp: 5856
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.8 77.8



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.07 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.022 min
 Lab File: VU042107.D
 Acq: 20 Jan 2021 15:47

Tgt Ion:101 Resp: 584
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#

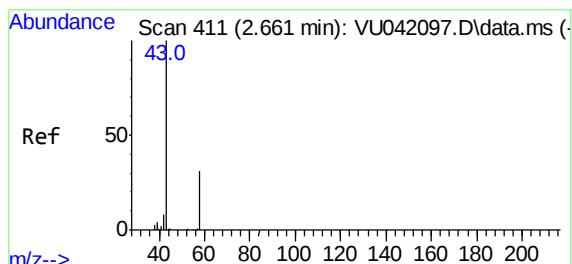
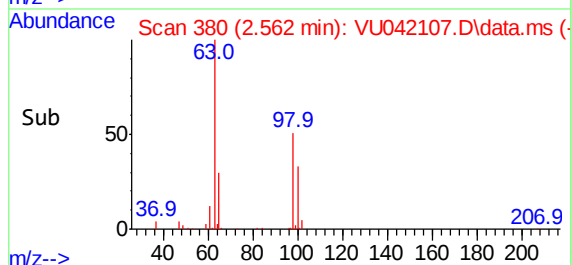
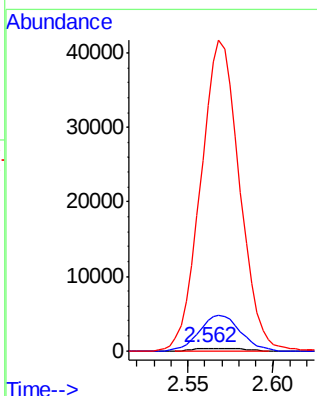
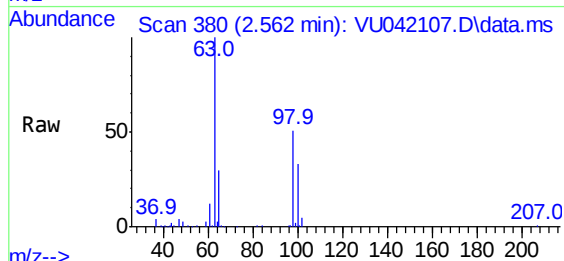




#12
1,1-Dichloroethene
Concen: 0.08 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.026 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

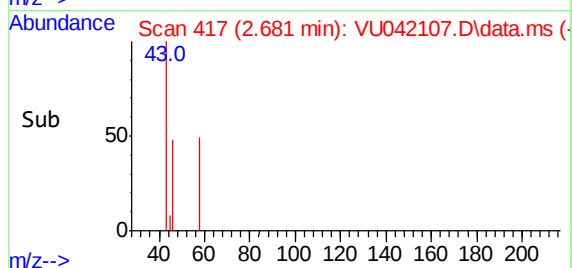
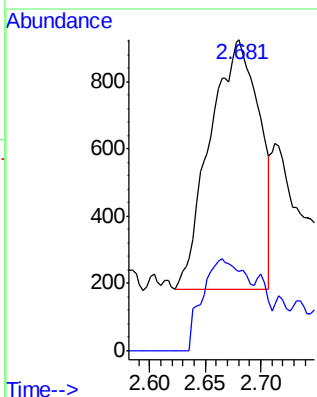
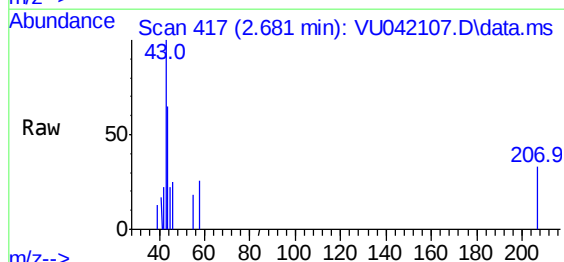
Instrument :
MSVOA_U
ClientSampleId :
BFXQ0

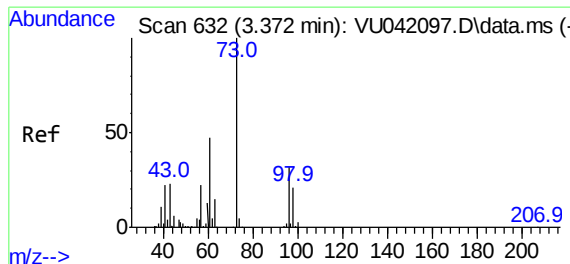
Tgt Ion: 96 Resp: 659
Ion Ratio Lower Upper
96 100
61 1097.0 126.2 234.4#
63 8927.9 77.8 144.4#



#13
Acetone
Concen: 1.26 ug/L
RT: 2.681 min Scan# 417
Delta R.T. 0.019 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

Tgt Ion: 43 Resp: 2297
Ion Ratio Lower Upper
43 100
58 32.7 0.0 55.8

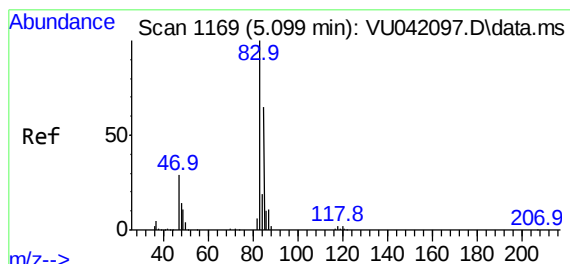
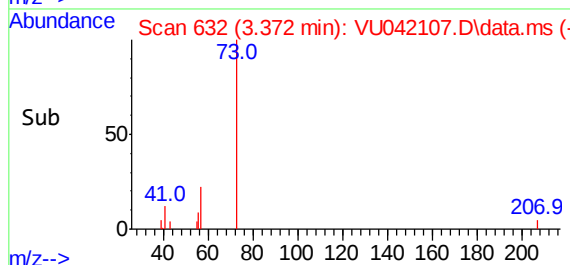
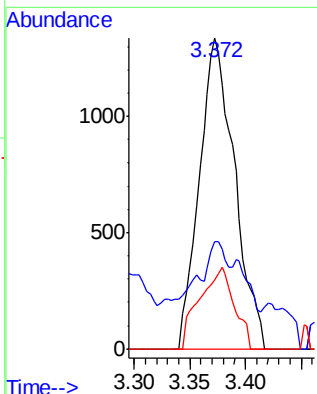
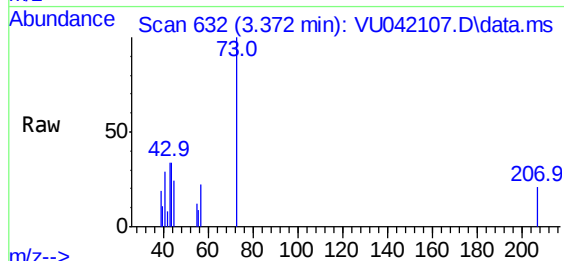




#17
Methyl tert-butyl Ether
Concen: 0.13 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

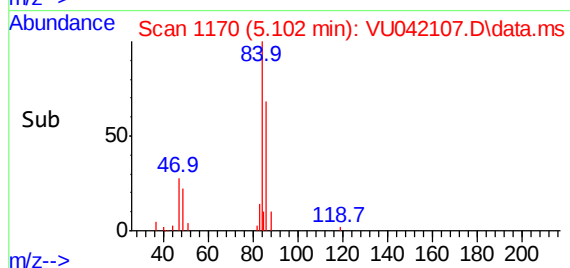
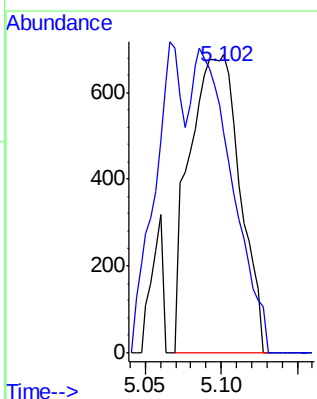
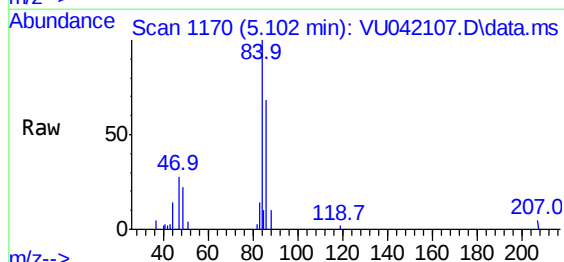
Instrument :
MSVOA_U
ClientSampleId :
BFXQ0

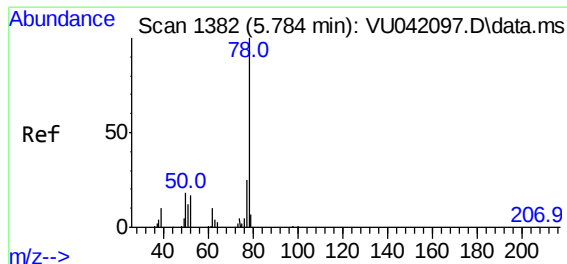
Tgt Ion: 73 Resp: 2937
Ion Ratio Lower Upper
73 100
43 12.5 18.9 28.3#
57 25.9 18.2 27.4



#25
Chloroform
Concen: 0.10 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

Tgt Ion: 83 Resp: 1579
Ion Ratio Lower Upper
83 100
85 74.0 45.7 84.9

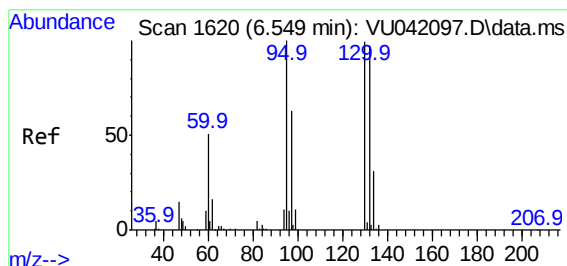
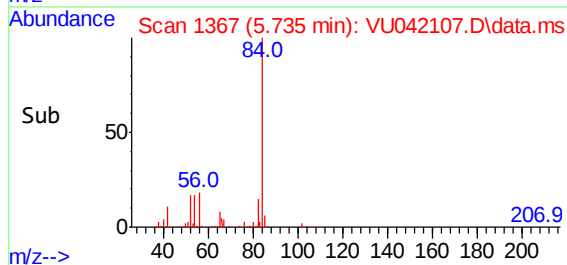
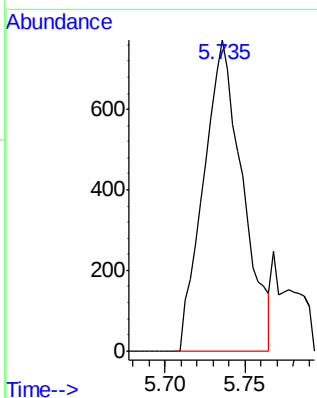
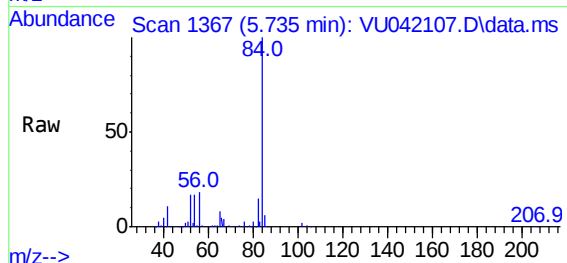




#33
Benzene
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :
BFXQ0

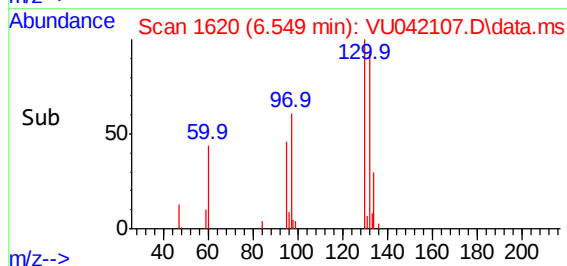
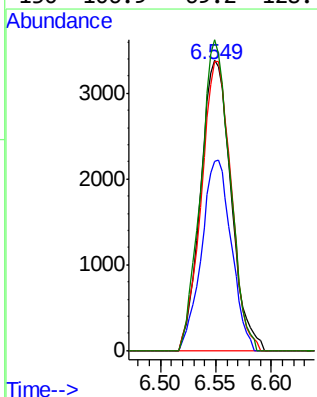
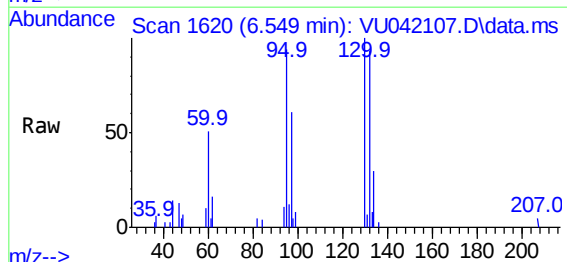
Tgt Ion: 78 Resp: 1281

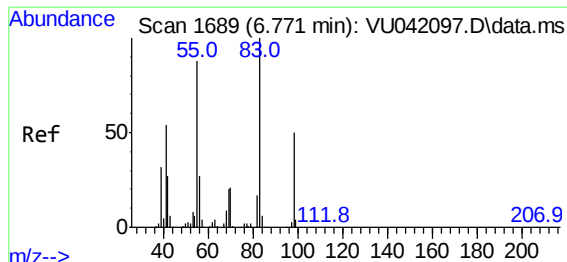


#34
Trichloroethene
Concen: 0.75 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

Tgt Ion: 95 Resp: 6424

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.4	82.4
132	99.3	68.0	126.4
130	106.9	69.2	128.4

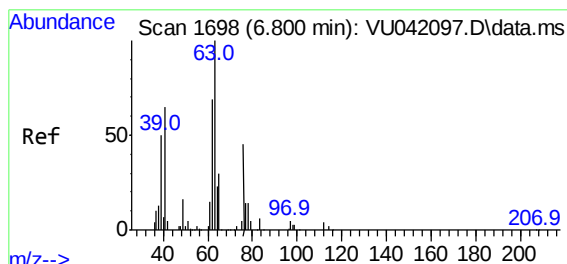
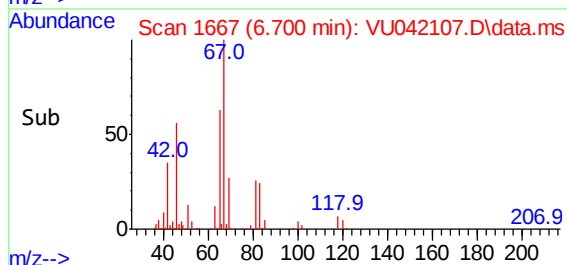
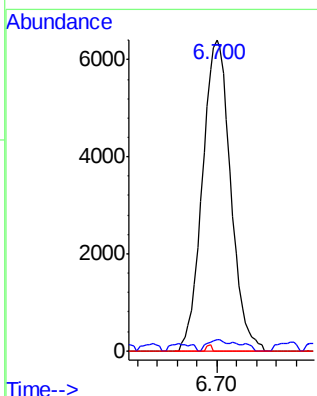
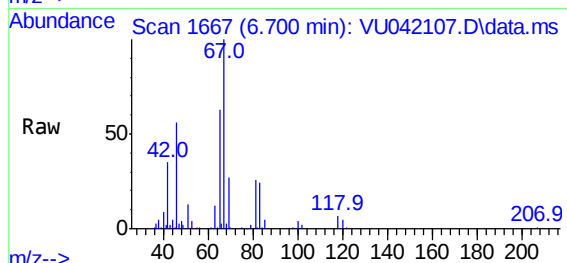




#35
Methylcyclohexane
Concen: 0.87 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

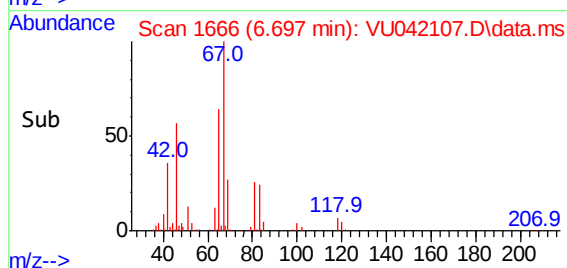
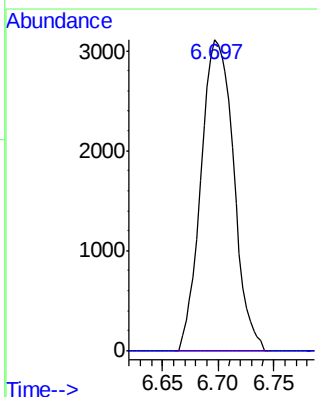
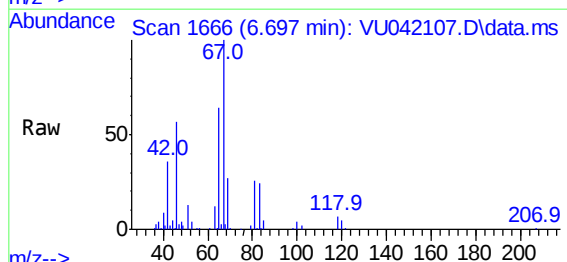
Instrument :
MSVOA_U
ClientSampleId :
BFXQ0

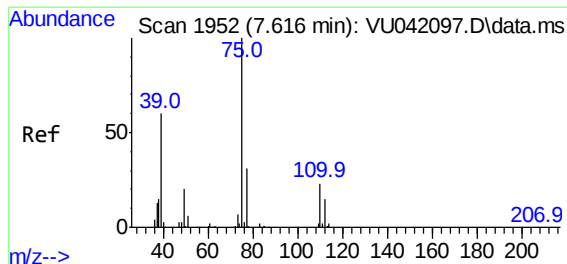
Tgt Ion: 83 Resp: 12551
Ion Ratio Lower Upper
83 100
55 2.2 68.2 102.4#
98 0.4 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.76 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

Tgt Ion: 63 Resp: 6358
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

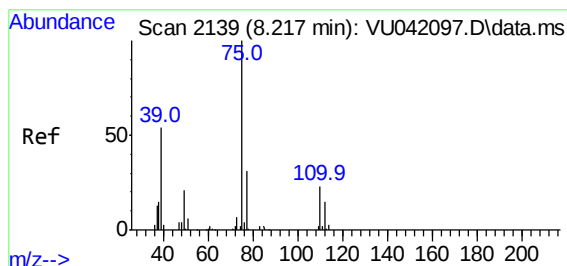
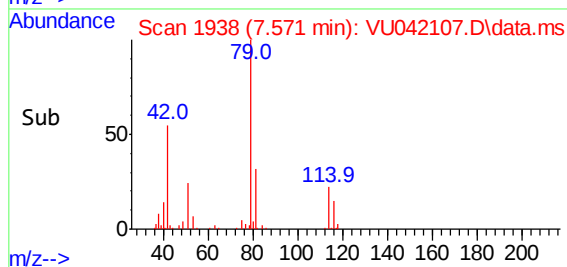
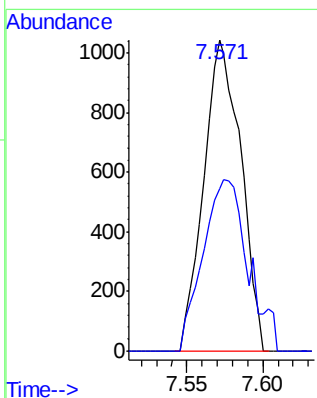
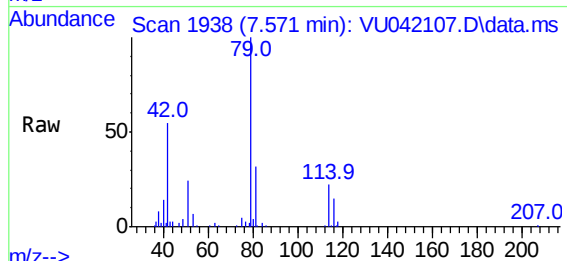




#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

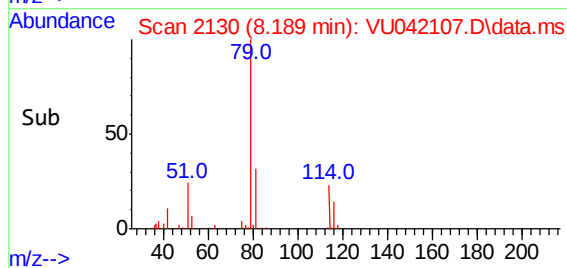
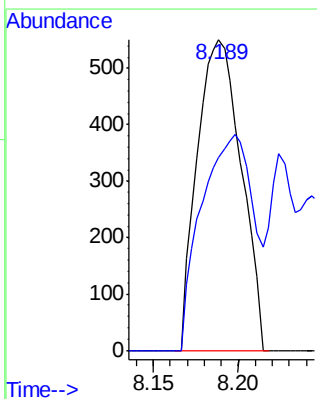
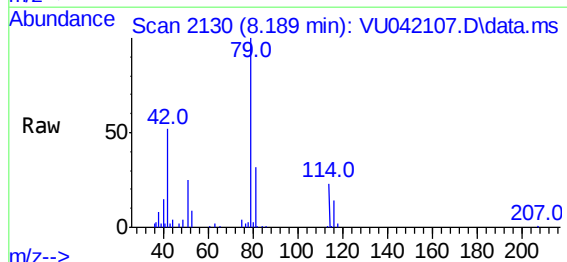
Instrument :
MSVOA_U
ClientSampleId :
BFXQ0

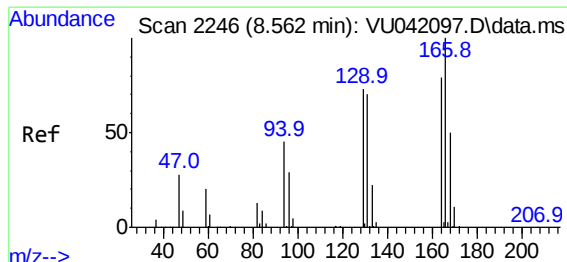
Tgt Ion: 75 Resp: 1767
Ion Ratio Lower Upper
75 100
77 52.2 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

Tgt Ion: 75 Resp: 991
Ion Ratio Lower Upper
75 100
77 62.3 21.8 40.4#





#47

Tetrachloroethene

Concen: 0.55 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU042107.D

Acq: 20 Jan 2021 15:47

Tgt Ion:164 Resp: 3896

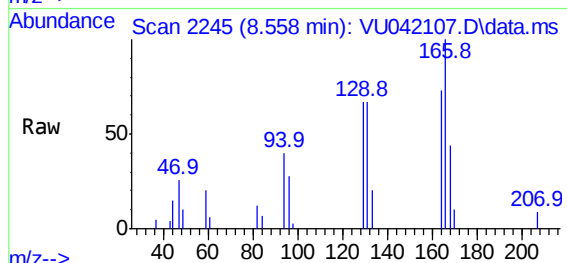
Ion Ratio Lower Upper

164 100

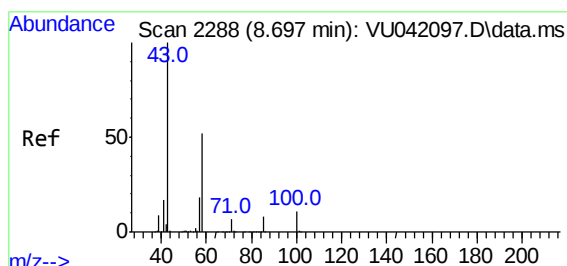
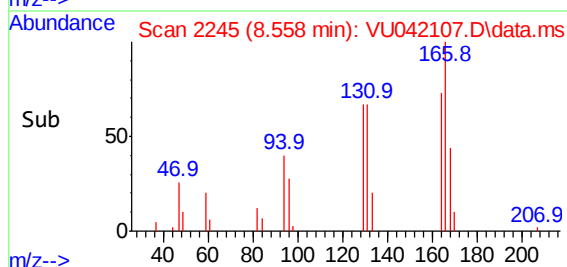
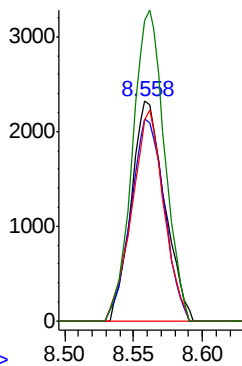
129 91.9 64.3 119.5

131 91.6 62.2 115.6

166 136.8 88.6 164.6



Abundance



#48

2-Hexanone

Concen: 3.48 ug/L

RT: 8.645 min Scan# 2272

Delta R.T. -0.051 min

Lab File: VU042107.D

Acq: 20 Jan 2021 15:47

Tgt Ion: 43 Resp: 17370

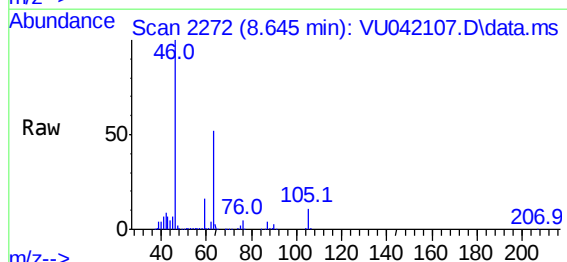
Ion Ratio Lower Upper

43 100

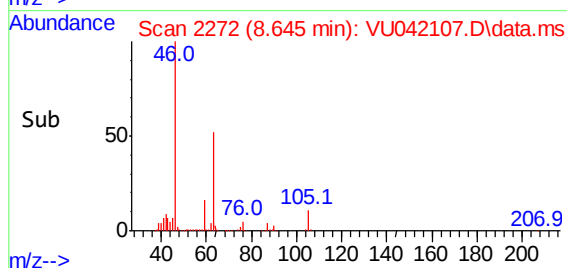
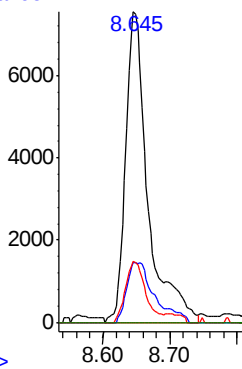
58 24.0 40.6 61.0#

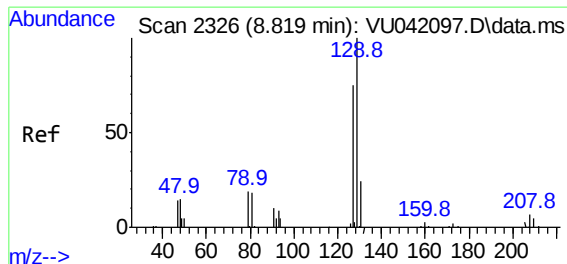
57 17.8 14.9 22.3

100 0.0 8.6 12.8#



Abundance

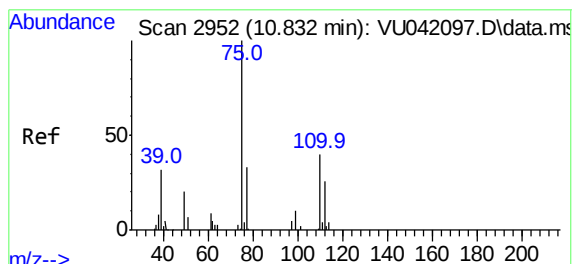
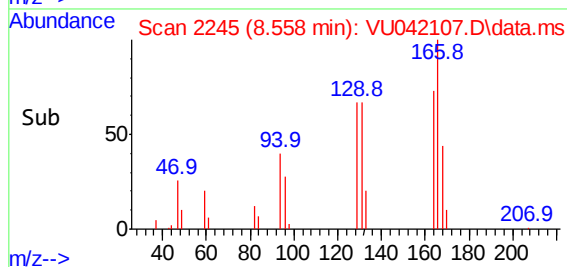
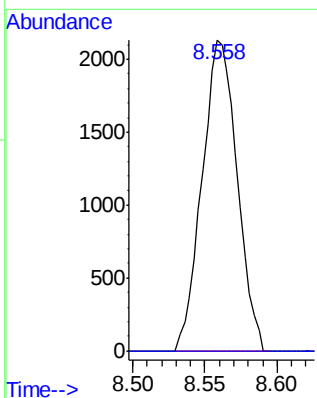
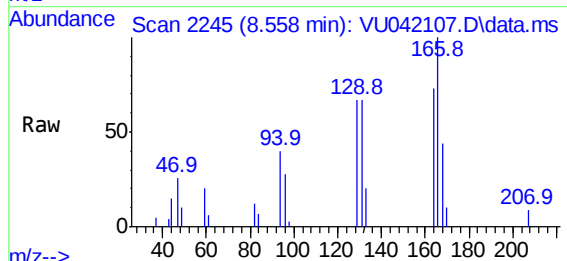




#49
Dibromochloromethane
Concen: 0.43 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :
BFXQ0

Tgt Ion:129 Resp: 3589
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.04 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042107.D
Acq: 20 Jan 2021 15:47

Tgt Ion: 75 Resp: 6147
Ion Ratio Lower Upper
75 100
77 36.8 26.0 39.0

