

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042113.D
 Acq On : 20 Jan 2021 18:12
 Operator : SY/MD
 Sample : M1164-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXT5DL

Quant Time: Jan 21 04:25:06 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	117306	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	109152	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	54992	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35492	4.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.80%			
7) Chloroethane-d5	1.916	69	28787	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.40%			
11) 1,1-Dichloroethene-d2	2.568	63	60635	3.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.80%			
20) 2-Butanone-d5	4.655	46	145358	52.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.28%			
24) Chloroform-d	5.073	84	76303	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.713	65	47262	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.735	84	144256	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.700	67	46670	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.60%			
41) Toluene-d8	7.906	98	131280	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
43) trans-1,3-Dichloroprop...	8.189	79	22417	4.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.20%			
46) 2-Hexanone-d5	8.645	63	106059	52.27	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.54%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	40668	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	12.201	152	50933	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						
2) Dichlorodifluoromethane	1.385	85	693	0.06	ug/L #	83
3) Chloromethane	1.520	50	676	0.07	ug/L #	81
5) Vinyl chloride	1.604	62	359	0.04	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	518	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	707	0.09	ug/L #	1
16) Methylene chloride	3.051	84	2991	0.32	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	6812	0.30	ug/L #	84
22) cis-1,2-Dichloroethene	4.674	96	1973	0.22	ug/L	100
27) 1,2-Dichloroethane	5.806	62	359	0.03	ug/L #	75
34) Trichloroethene	6.549	95	116355	13.43	ug/L	99
35) Methylcyclohexane	6.700	83	11691	0.80	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5776	0.68	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1580	0.11	ug/L #	63
44) trans-1,3-Dichloropropene	8.192	75	1055	0.08	ug/L #	41
47) Tetrachloroethene	8.562	164	1602	0.22	ug/L	96
48) 2-Hexanone	8.642	43	15077	3.00	ug/L #	67
49) Dibromochloromethane	8.562	129	1531	0.18	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	6134	1.03	ug/L	93

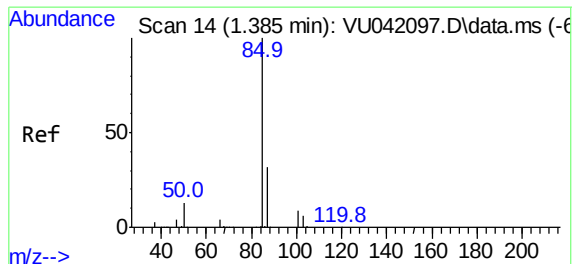
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
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Response via : Initial Calibration

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

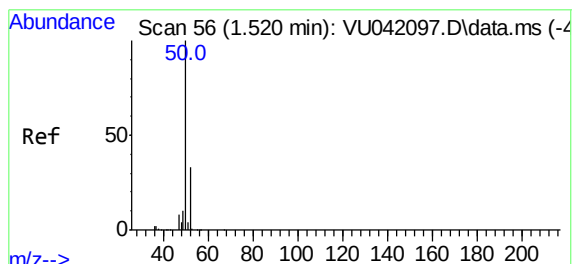
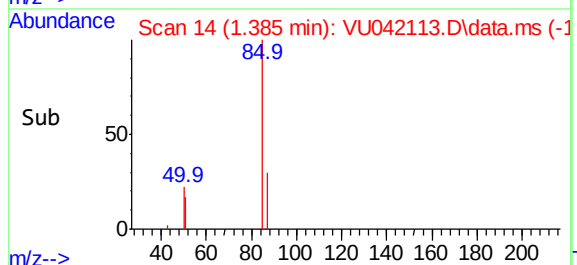
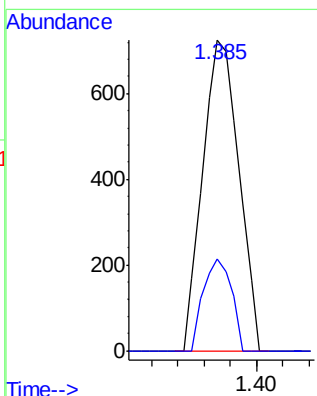
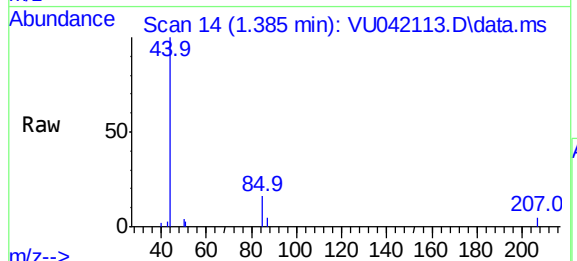
(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#2
Dichlorodifluoromethane
Concen: 0.06 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU042113.D
Acq: 20 Jan 2021 18:12

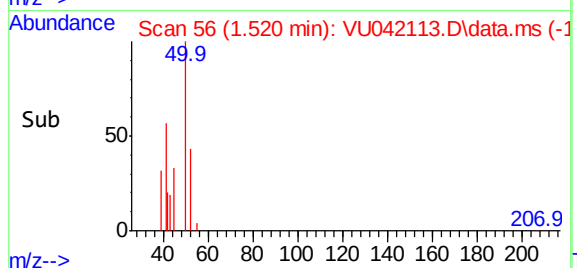
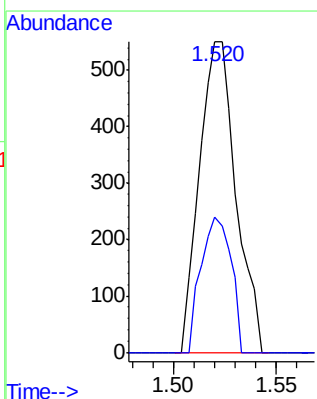
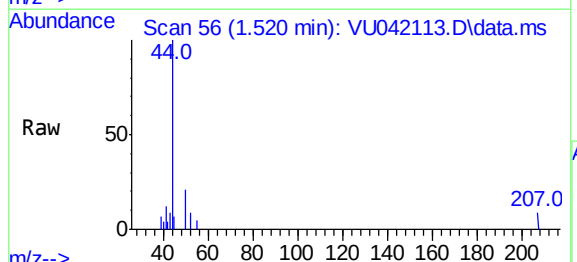
Instrument :
MSVOA_U
ClientSampleId :
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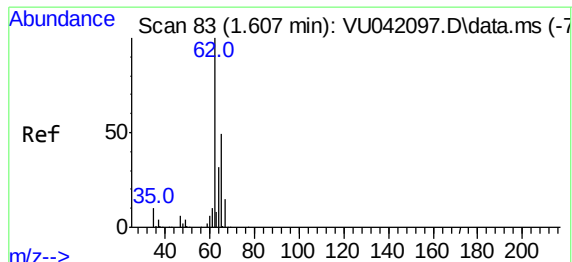
Tgt Ion: 85 Resp: 693
Ion Ratio Lower Upper
85 100
87 23.1 26.1 39.1#



#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU042113.D
Acq: 20 Jan 2021 18:12

Tgt Ion: 50 Resp: 676
Ion Ratio Lower Upper
50 100
52 43.4 23.0 42.8#

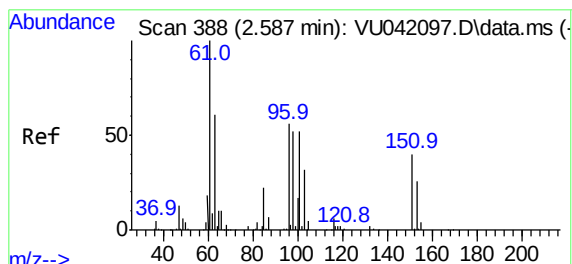
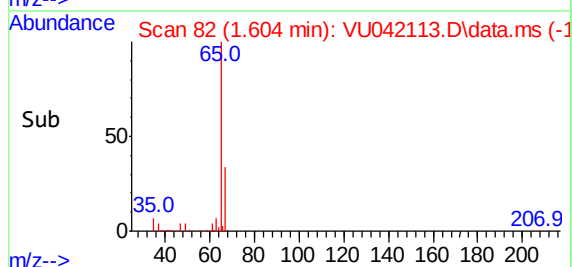
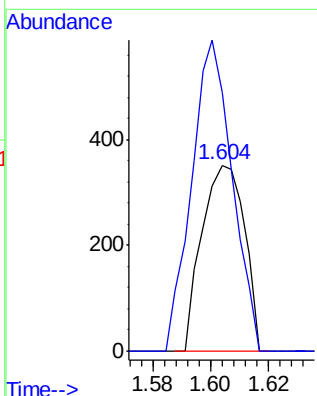
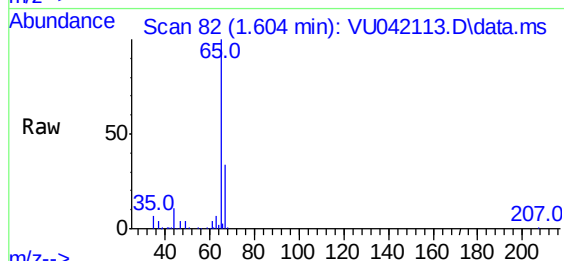




#5
 Vinyl chloride
 Concen: 0.04 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.003 min
 Lab File: VU042113.D
 Acq: 20 Jan 2021 18:12

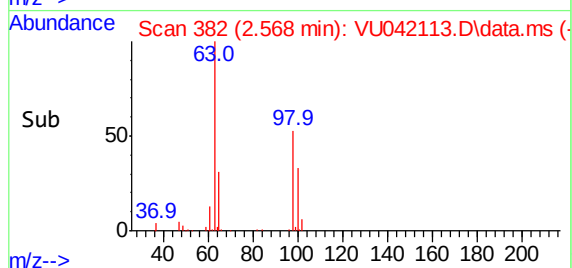
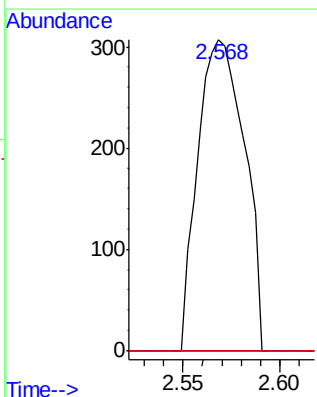
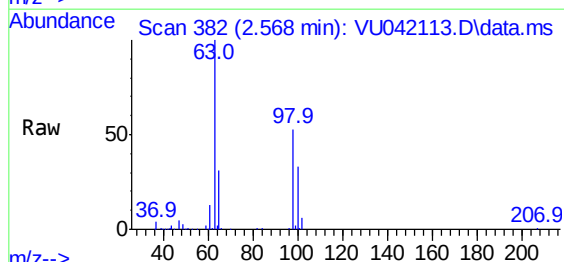
Instrument :
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 ClientSampleId :
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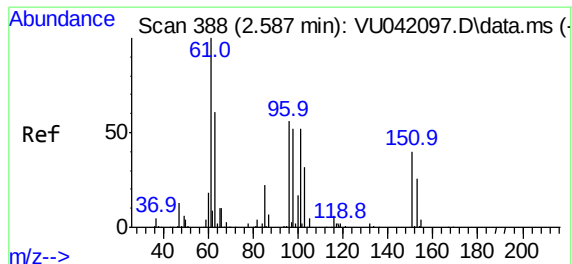
Tgt Ion: 62 Resp: 359
 Ion Ratio Lower Upper
 62 100
 64 139.2 22.7 42.1#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.06 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU042113.D
 Acq: 20 Jan 2021 18:12

Tgt Ion:101 Resp: 518
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#

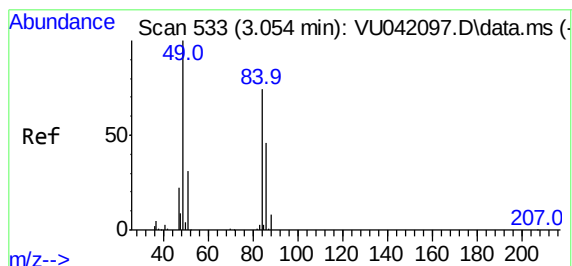
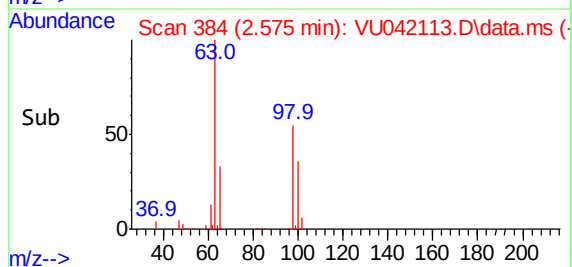
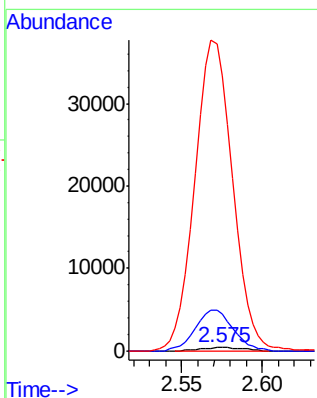
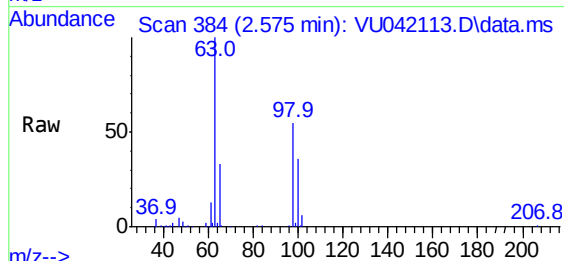




#12
1,1-Dichloroethene
Concen: 0.09 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042113.D
Acq: 20 Jan 2021 18:12

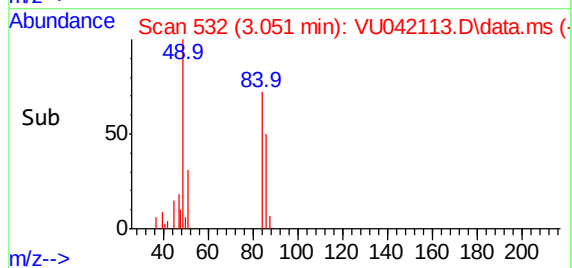
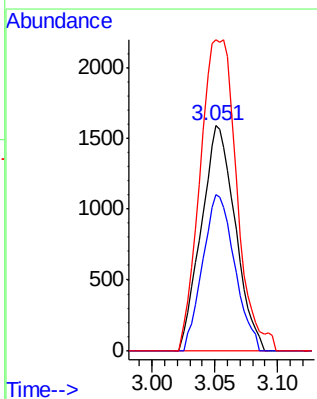
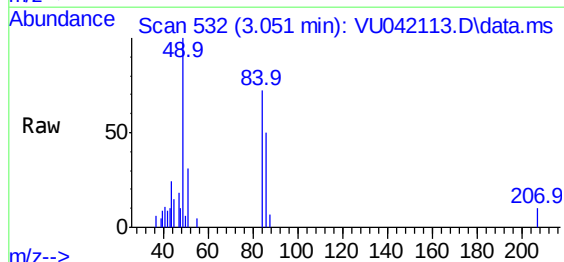
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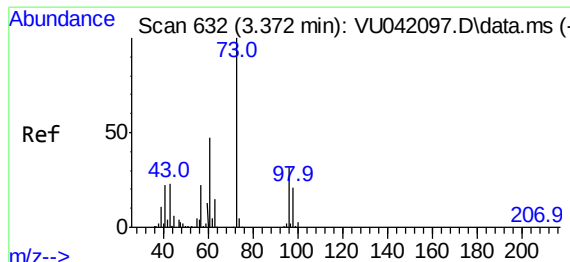
Tgt Ion: 96 Resp: 707
Ion Ratio Lower Upper
96 100
61 1077.5 126.2 234.4#
63 8174.5 77.8 144.4#



#16
Methylene chloride
Concen: 0.32 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042113.D
Acq: 20 Jan 2021 18:12

Tgt Ion: 84 Resp: 2991
Ion Ratio Lower Upper
84 100
86 69.4 44.1 81.9
49 138.2 95.0 176.4





#17

Methyl tert-butyl Ether

Concen: 0.30 ug/L

RT: 3.375 min Scan# 633

Delta R.T. 0.003 min

Lab File: VU042113.D

Acq: 20 Jan 2021 18:12

Tgt Ion: 73 Resp: 6812

Ion Ratio Lower Upper

73 100

43 36.6 18.9 28.3#

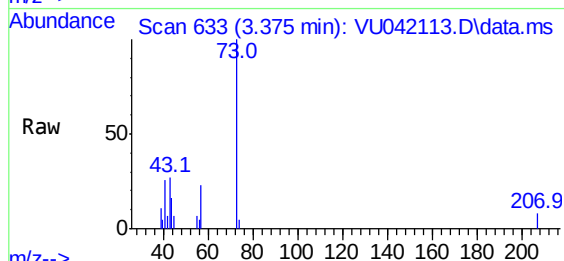
57 25.2 18.2 27.4

Instrument :

MSVOA_U

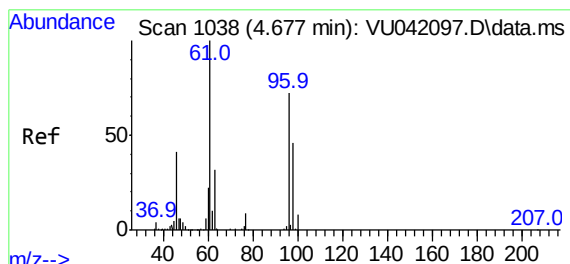
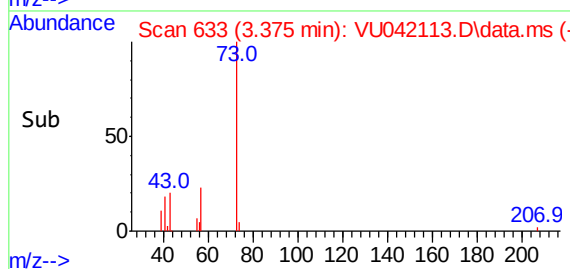
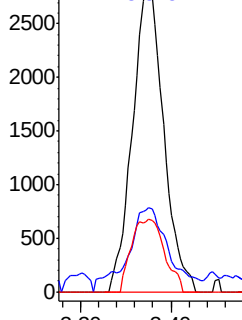
ClientSampleId :

BFXT5DL



Abundance

3.375



#22

cis-1,2-Dichloroethene

Concen: 0.22 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU042113.D

Acq: 20 Jan 2021 18:12

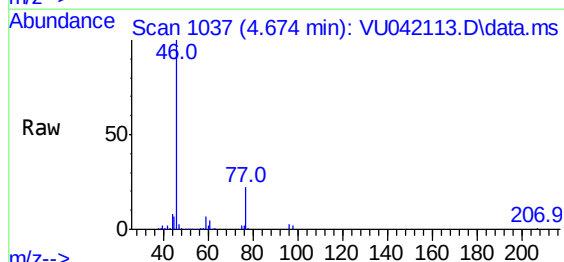
Tgt Ion: 96 Resp: 1973

Ion Ratio Lower Upper

96 100

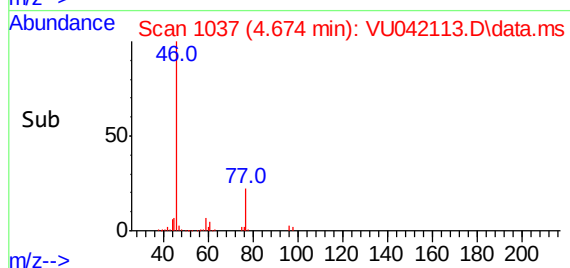
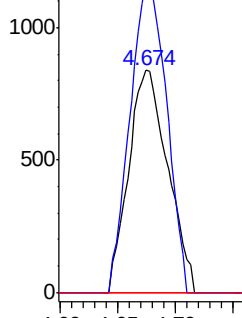
61 139.5 97.8 181.6

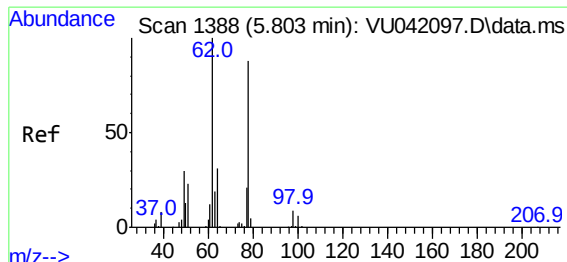
68 0.0 0.0 0.0



Abundance

4.674

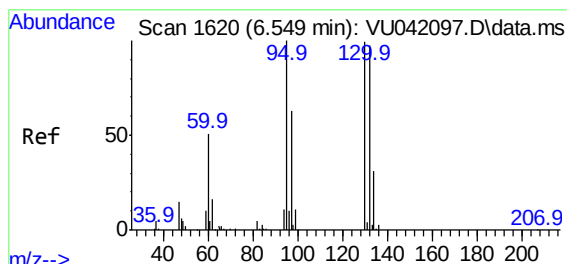
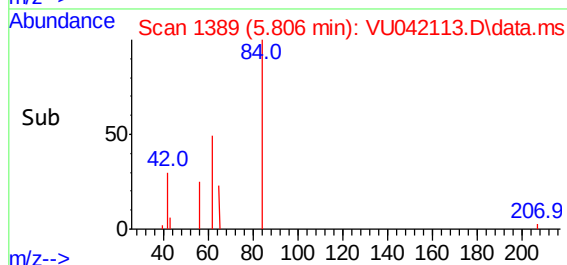
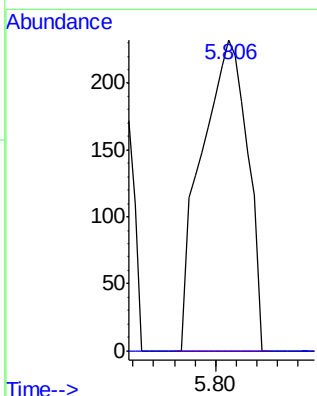
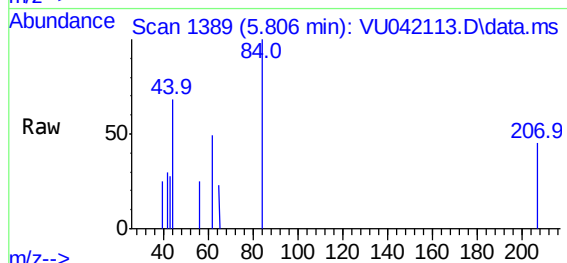




#27
1,2-Dichloroethane
Concen: 0.03 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042113.D
Acq: 20 Jan 2021 18:12

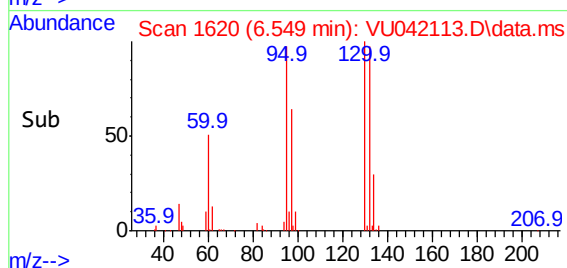
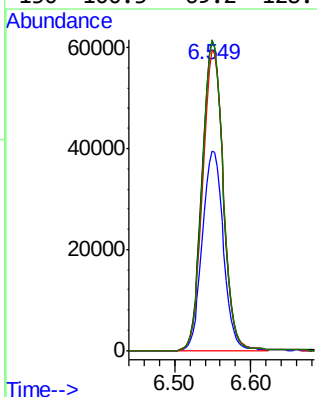
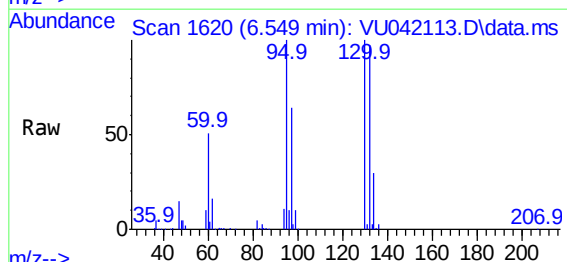
Instrument :
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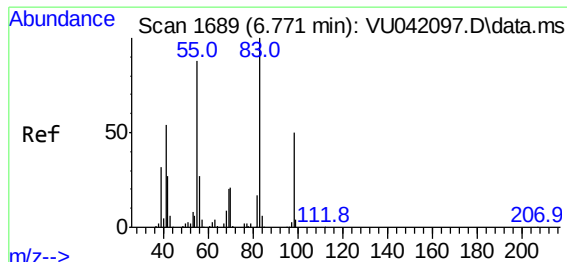
Tgt Ion: 62 Resp: 359
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#34
Trichloroethene
Concen: 13.43 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042113.D
Acq: 20 Jan 2021 18:12

Tgt Ion: 95 Resp: 116355
Ion Ratio Lower Upper
95 100
97 64.2 44.4 82.4
132 96.8 68.0 126.4
130 100.3 69.2 128.4





#35

Methylcyclohexane

Concen: 0.80 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU042113.D

Acq: 20 Jan 2021 18:12

Tgt Ion: 83 Resp: 11691

Ion Ratio Lower Upper

83 100

55 1.6 68.2 102.4#

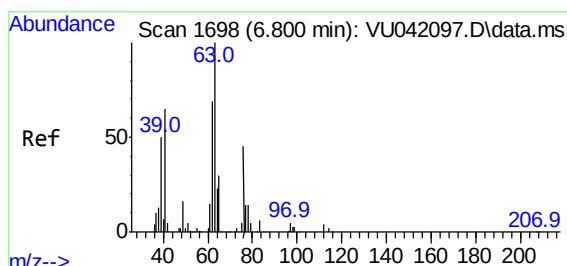
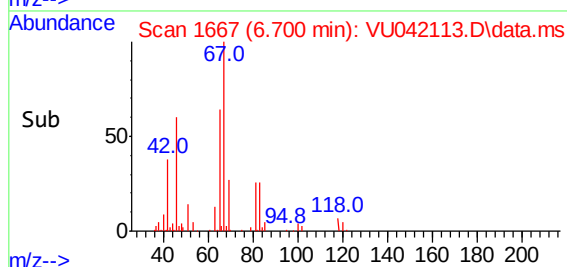
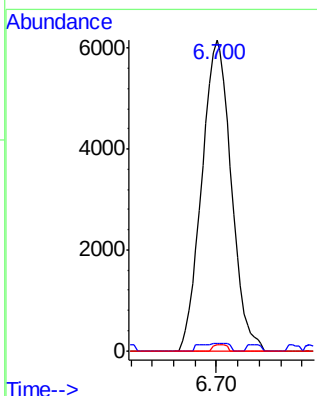
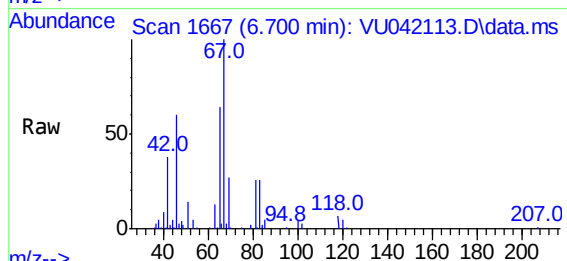
98 0.9 39.7 59.5#

Instrument :

MSVOA_U

ClientSampleId :

BFXT5DL



#37

1,2-Dichloropropane

Concen: 0.68 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.099 min

Lab File: VU042113.D

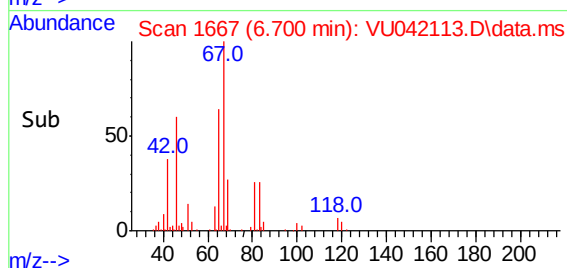
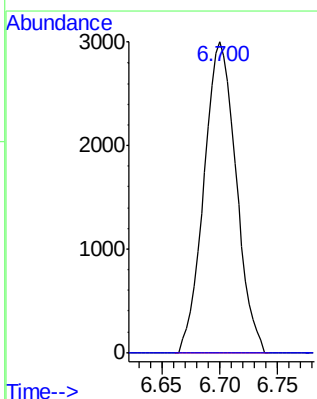
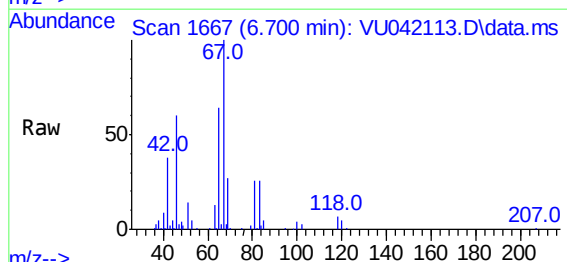
Acq: 20 Jan 2021 18:12

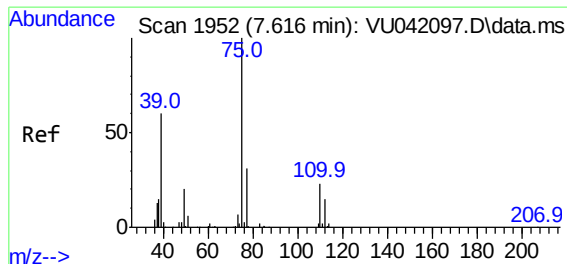
Tgt Ion: 63 Resp: 5776

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#

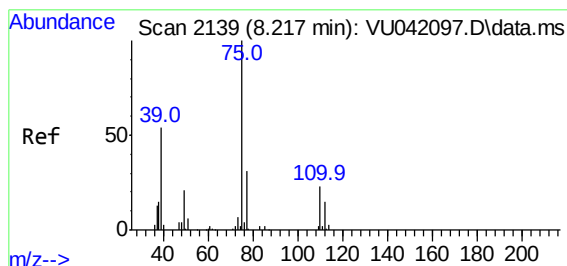
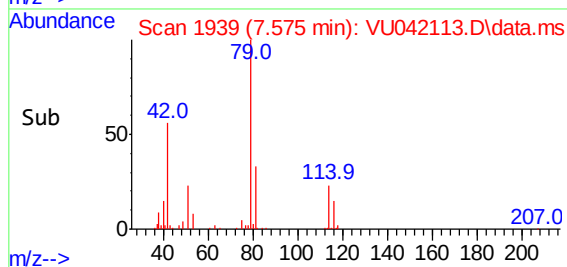
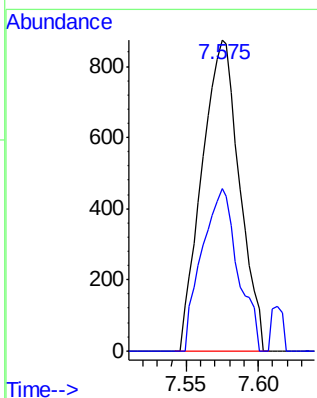
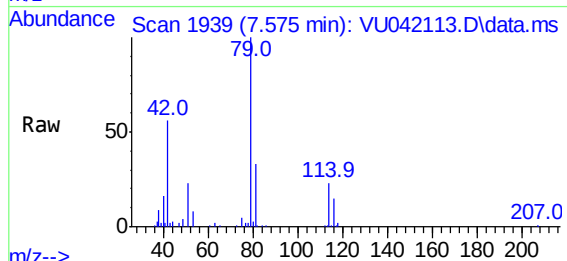




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042113.D
Acq: 20 Jan 2021 18:12

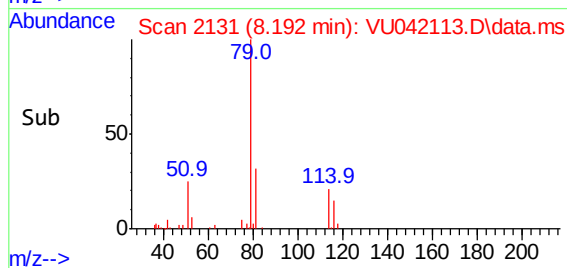
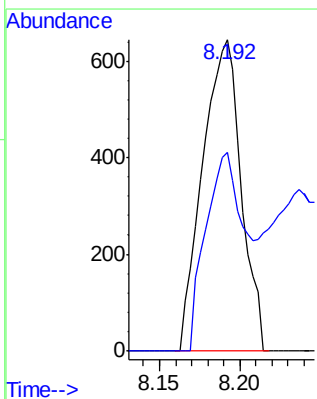
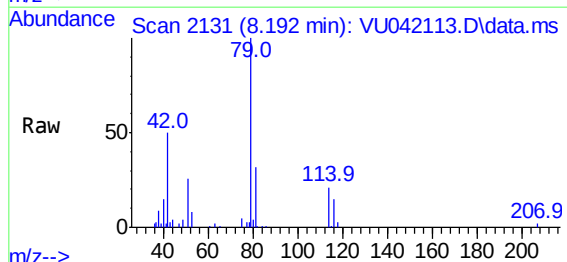
Instrument :
MSVOA_U
ClientSampleId :
BFXT5DL

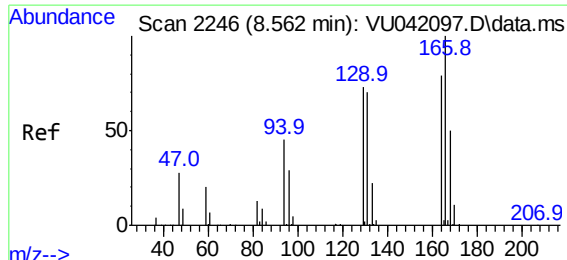
Tgt Ion: 75 Resp: 1580
Ion Ratio Lower Upper
75 100
77 52.1 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042113.D
Acq: 20 Jan 2021 18:12

Tgt Ion: 75 Resp: 1055
Ion Ratio Lower Upper
75 100
77 63.7 21.8 40.4#





#47

Tetrachloroethene

Concen: 0.22 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.000 min

Lab File: VU042113.D

Acq: 20 Jan 2021 18:12

Tgt Ion:164 Resp: 1602

Ion Ratio Lower Upper

164 100

129 88.4 64.3 119.5

131 96.0 62.2 115.6

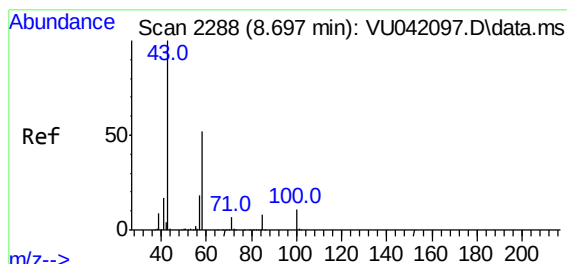
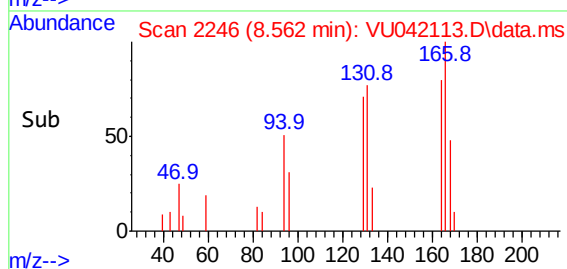
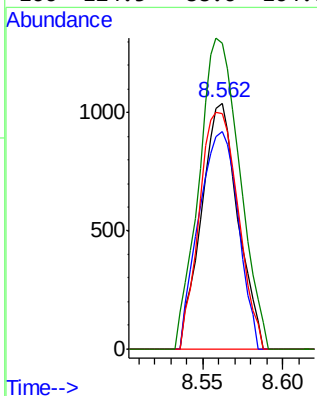
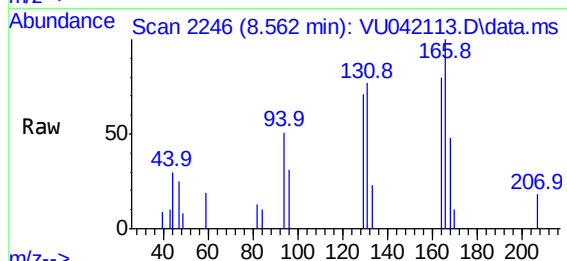
166 124.5 88.6 164.6

Instrument :

MSVOA_U

ClientSampleId :

BFXT5DL



#48

2-Hexanone

Concen: 3.00 ug/L

RT: 8.642 min Scan# 2271

Delta R.T. -0.054 min

Lab File: VU042113.D

Acq: 20 Jan 2021 18:12

Tgt Ion: 43 Resp: 15077

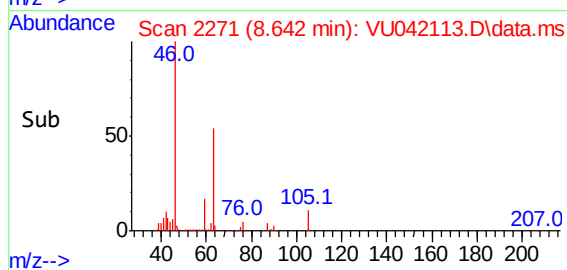
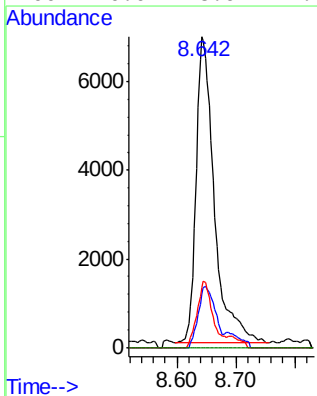
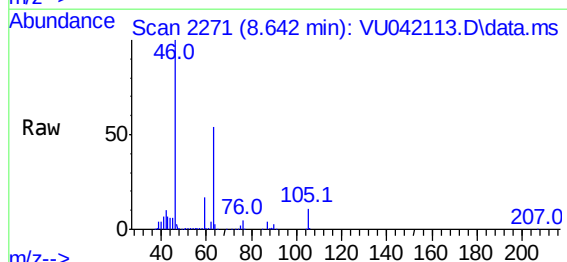
Ion Ratio Lower Upper

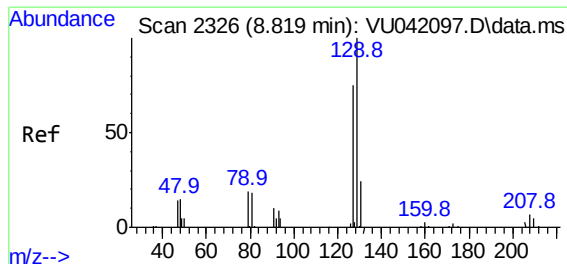
43 100

58 18.9 40.6 61.0#

57 18.7 14.9 22.3

100 0.0 8.6 12.8#

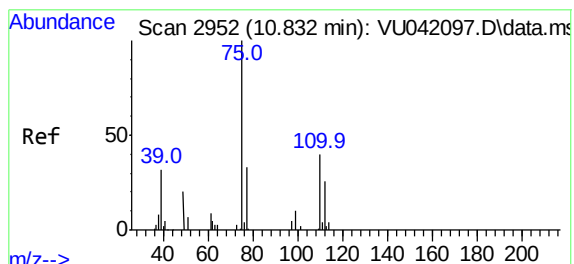
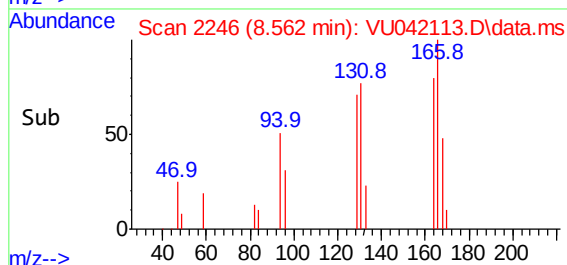
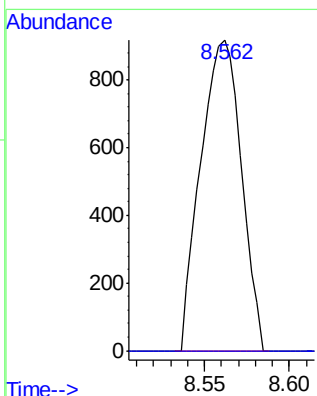
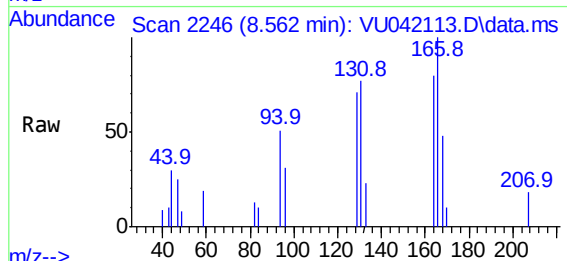




#49
Dibromochloromethane
Concen: 0.18 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042113.D
Acq: 20 Jan 2021 18:12

Instrument :
MSVOA_U
ClientSampleId :
BFXT5DL

Tgt Ion:129 Resp: 1531
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.03 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042113.D
Acq: 20 Jan 2021 18:12

Tgt Ion: 75 Resp: 6134
Ion Ratio Lower Upper
75 100
77 36.4 26.0 39.0

