

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042155.D
 Acq On : 21 Jan 2021 16:57
 Operator : SY/MD
 Sample : M1170-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT99

Quant Time: Jan 22 02:51:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 22 02:43:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110153	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	102295	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	52496	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29701	4.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	83.60%		
7) Chloroethane-d5	1.916	69	24812	4.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	86.80%		
11) 1,1-Dichloroethene-d2	2.572	63	51609	3.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	66.00%		
20) 2-Butanone-d5	4.649	46	111613	43.05	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	86.10%		
24) Chloroform-d	5.073	84	66914	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.20%		
26) 1,2-Dichloroethane-d4	5.710	65	40004	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	90.20%		
32) Benzene-d6	5.735	84	124495	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.20%		
36) 1,2-Dichloropropane-d6	6.700	67	41273	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	95.80%		
41) Toluene-d8	7.906	98	112896	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	89.40%		
43) trans-1,3-Dichloroprop...	8.186	79	19787	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	90.60%		
46) 2-Hexanone-d5	8.642	63	95019	49.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	99.94%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35008	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	94.80%		
64) 1,2-Dichlorobenzene-d4	12.201	152	46048	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	97.60%		
Target Compounds						
3) Chloromethane	1.520	50	3907	0.42	ug/L	98
12) 1,1-Dichloroethene	2.572	96	464	0.06	ug/L #	1
13) Acetone	2.655	43	11789	6.83	ug/L	99
14) Carbon disulfide	2.800	76	1266	0.05	ug/L #	75
15) Methyl Acetate	2.974	43	658	0.16	ug/L #	55
17) Methyl tert-butyl Ether	3.372	73	1369	0.06	ug/L #	69
21) 2-Butanone	4.732	43	2304	0.80	ug/L	98
25) Chloroform	5.099	83	8753	0.58	ug/L	98
27) 1,2-Dichloroethane	5.735	62	766	0.07	ug/L #	75
33) Benzene	5.784	78	1062	0.04	ug/L	100
34) Trichloroethene	6.549	95	281859	34.72	ug/L	99
35) Methylcyclohexane	6.697	83	9987	0.73	ug/L #	31
37) 1,2-Dichloropropane	6.697	63	4873	0.61	ug/L #	82
38) Bromodichloromethane	7.112	83	6243	0.57	ug/L #	96
39) cis-1,3-Dichloropropene	7.575	75	1362	0.10	ug/L #	51
40) 4-Methyl-2-pentanone	7.803	43	3518	0.52	ug/L #	77
44) trans-1,3-Dichloropropene	8.182	75	800	0.07	ug/L #	59
47) Tetrachloroethene	8.559	164	7045	1.04	ug/L	96
48) 2-Hexanone	8.694	43	2708	0.57	ug/L #	80
49) Dibromochloromethane	8.819	129	3670	0.47	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
Data File : VU042155.D
Acq On : 21 Jan 2021 16:57
Operator : SY/MD
Sample : M1170-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT99

Quant Time: Jan 22 02:51:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 22 02:43:44 2021
Response via : Initial Calibration

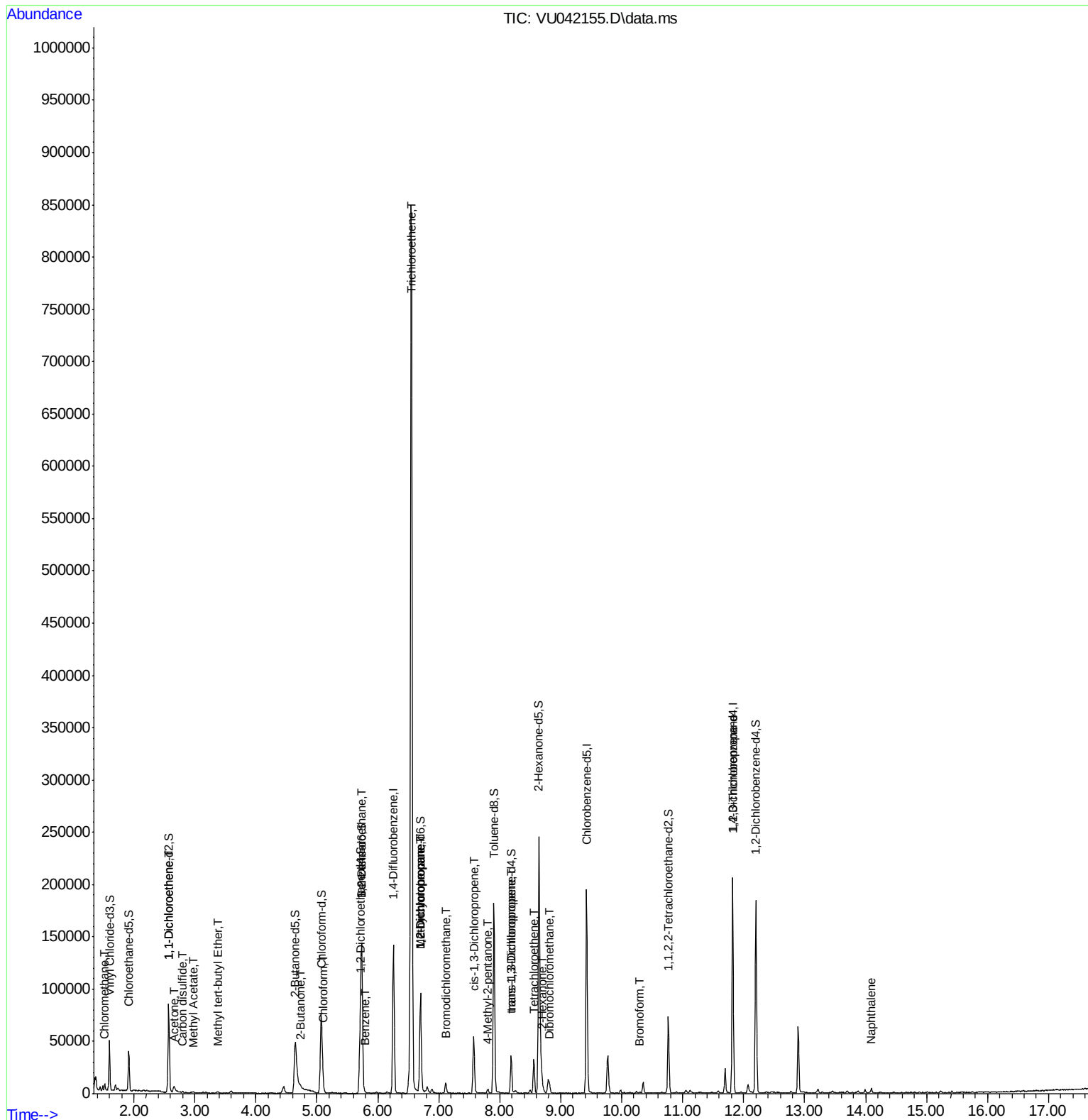
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	11.819	75	6330	1.13	ug/L	98
61) Bromoform	10.298	173	726	0.15	ug/L #	89
69) Naphthalene	14.095	128	3397	0.22	ug/L	96

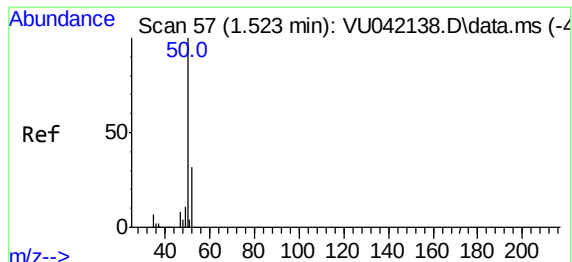
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
Data File : VU042155.D
Acq On : 21 Jan 2021 16:57
Operator : SY/MD
Sample : M1170-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT99

Quant Time: Jan 22 02:51:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 22 02:43:44 2021
Response via : Initial Calibration

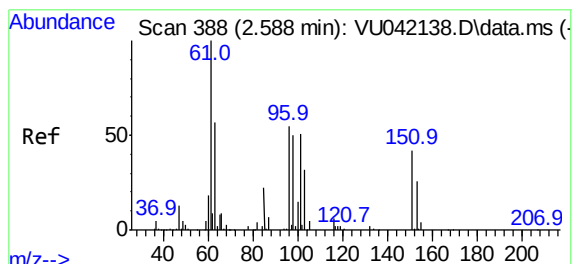
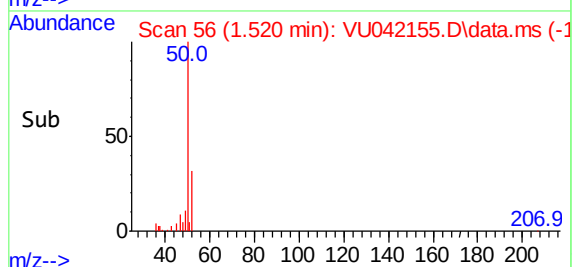
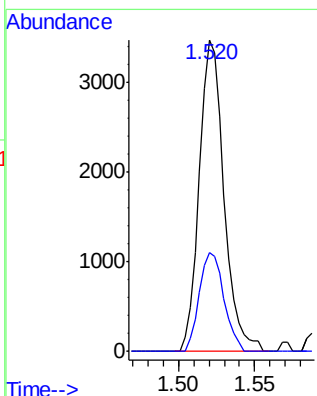
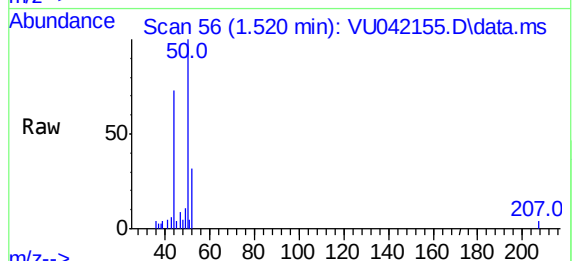




#3
Chloromethane
Concen: 0.42 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

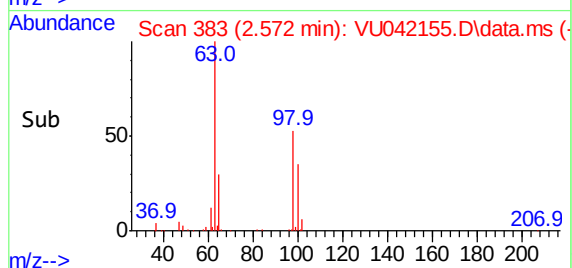
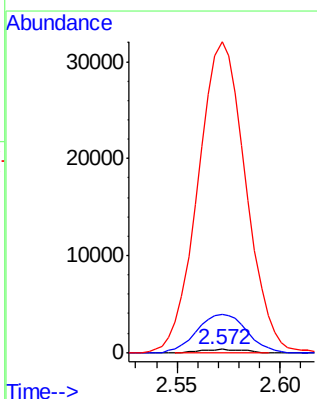
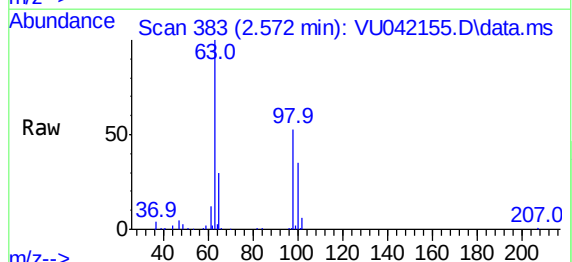
Instrument :
MSVOA_U
ClientSampleId :
BFT99

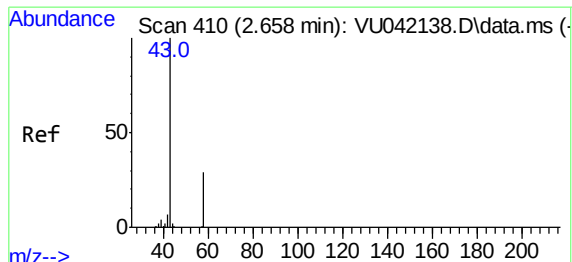
Tgt Ion: 50 Resp: 3907
Ion Ratio Lower Upper
50 100
52 31.7 23.0 42.8



#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Tgt Ion: 96 Resp: 464
Ion Ratio Lower Upper
96 100
61 1287.3 126.2 234.4#
63 10478.4 77.8 144.4#

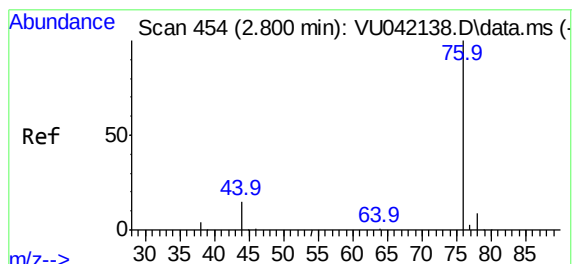
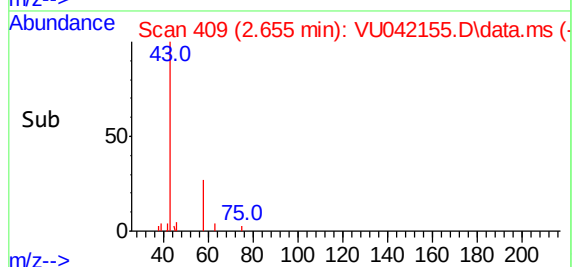
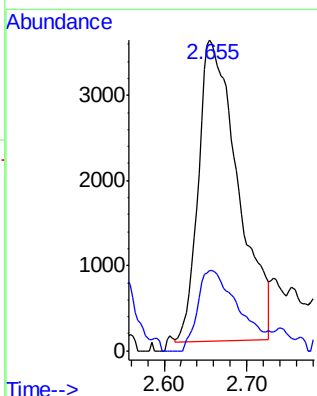
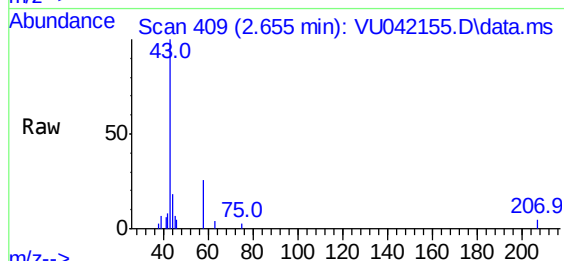




#13
Acetone
Concen: 6.83 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.003 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

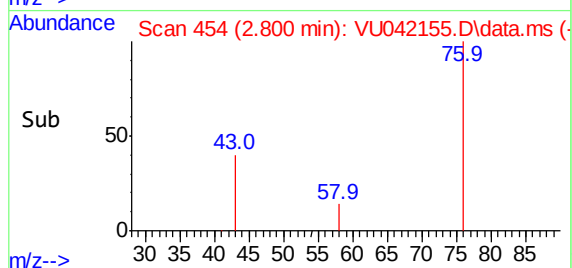
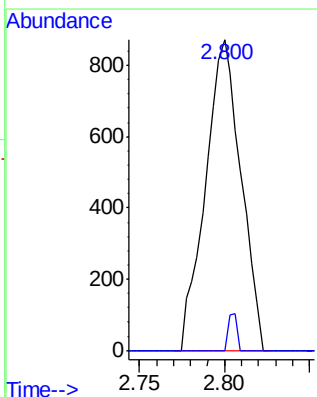
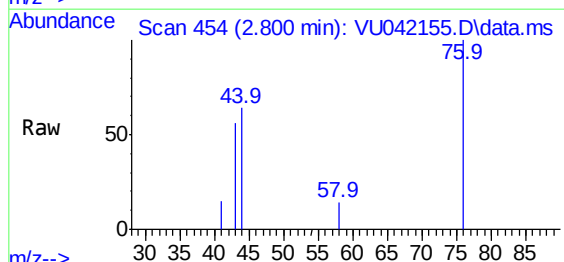
Instrument :
MSVOA_U
ClientSampleId :
BFT99

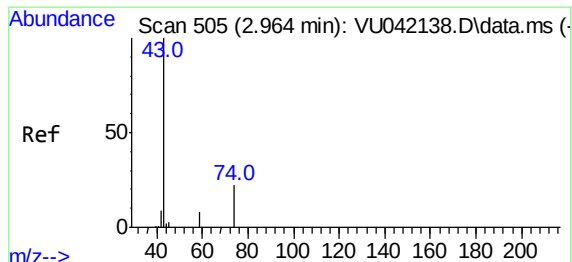
Tgt Ion: 43 Resp: 11789
Ion Ratio Lower Upper
43 100
58 28.6 0.0 55.8



#14
Carbon disulfide
Concen: 0.05 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Tgt Ion: 76 Resp: 1266
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

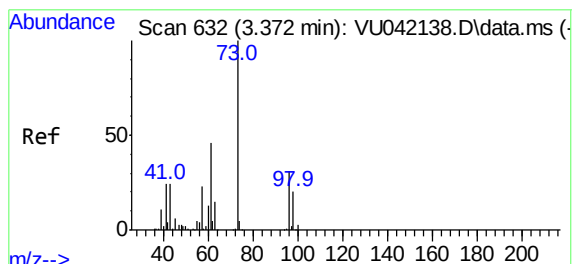
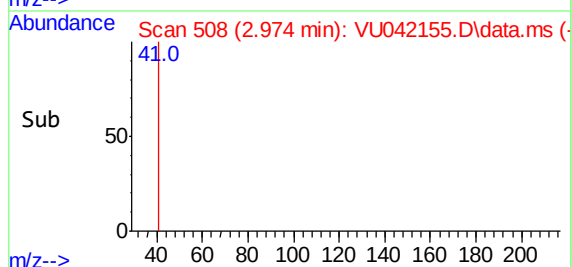
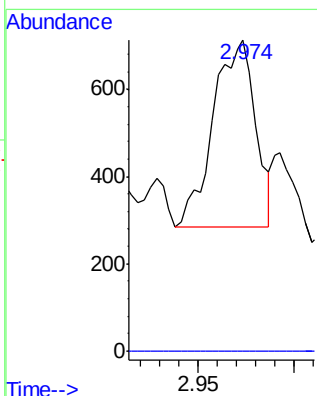
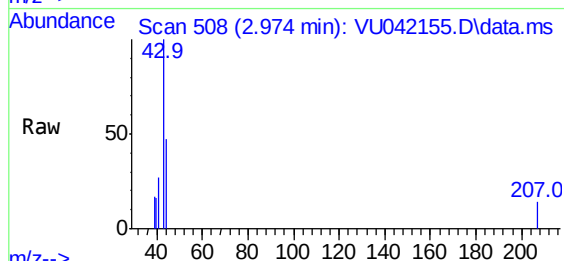




#15
Methyl Acetate
Concen: 0.16 ug/L
RT: 2.974 min Scan# 508
Delta R.T. 0.010 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

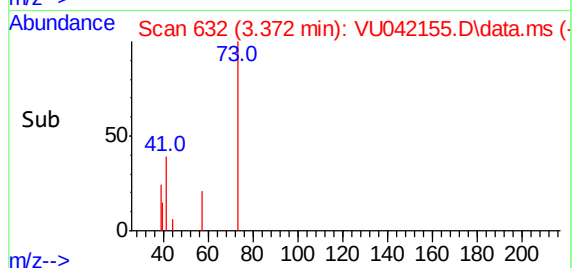
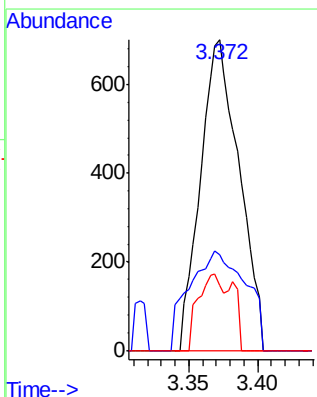
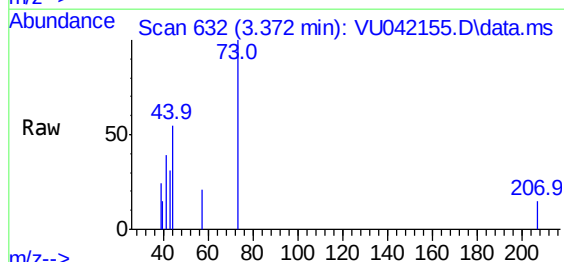
Instrument :
MSVOA_U
ClientSampleId :
BFT99

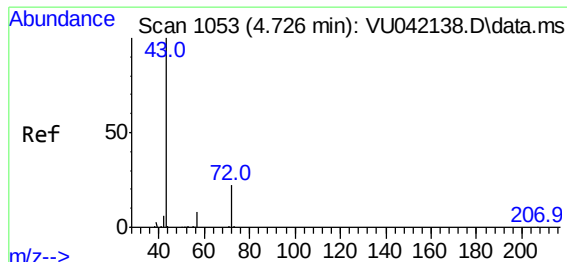
Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#17
Methyl tert-butyl Ether
Concen: 0.06 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Tgt Ion: 73 Resp: 1369
Ion Ratio Lower Upper
73 100
43 46.5 18.9 28.3#
57 15.6 18.2 27.4#

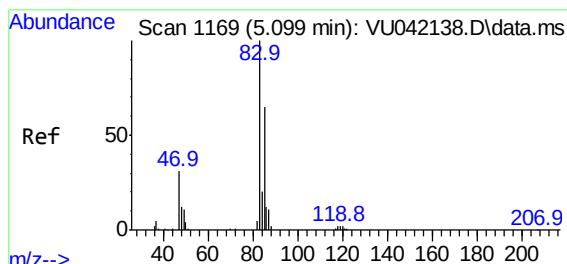
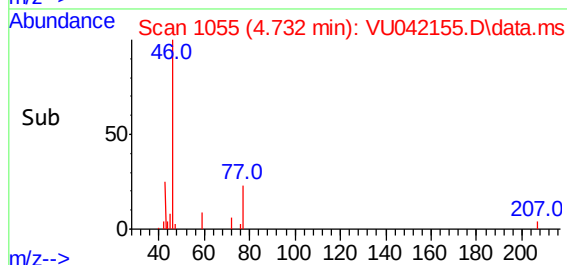
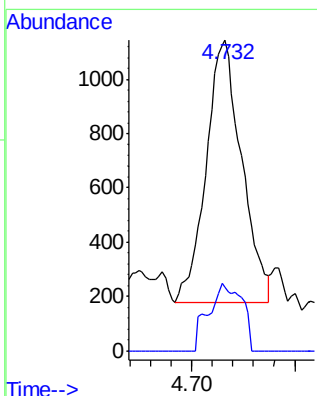
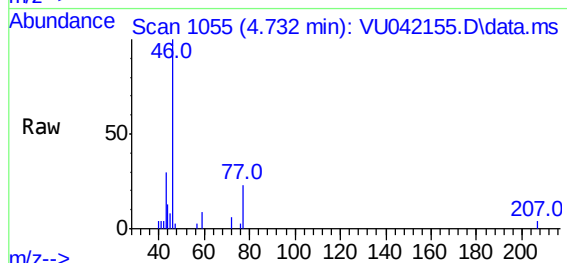




#21
2-Butanone
Concen: 0.80 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.007 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

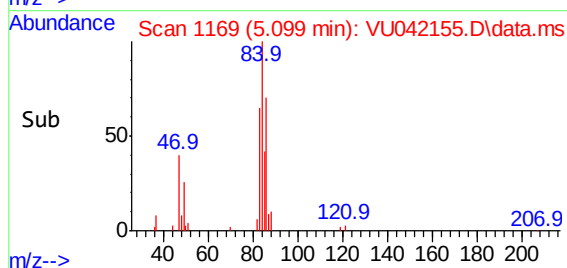
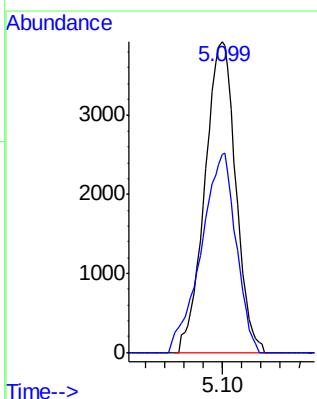
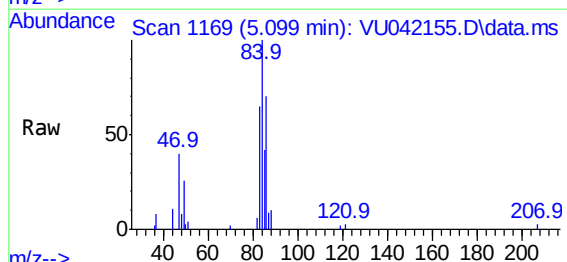
Instrument :
MSVOA_U
ClientSampled :
BFT99

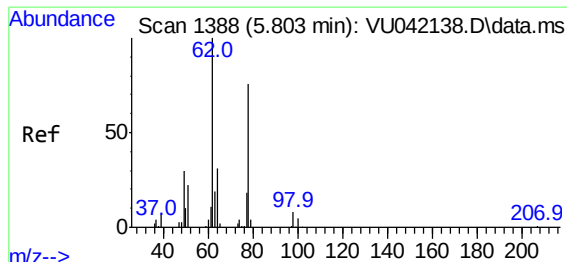
Tgt Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
72 24.2 11.7 35.1



#25
Chloroform
Concen: 0.58 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Tgt Ion: 83 Resp: 8753
Ion Ratio Lower Upper
83 100
85 64.0 45.7 84.9





#27

1,2-Dichloroethane

Concen: 0.07 ug/L

RT: 5.735 min Scan# 1367

Delta R.T. -0.067 min

Lab File: VU042155.D

Acq: 21 Jan 2021 16:57

Tgt Ion: 62 Resp: 766

Ion Ratio Lower Upper

62 100

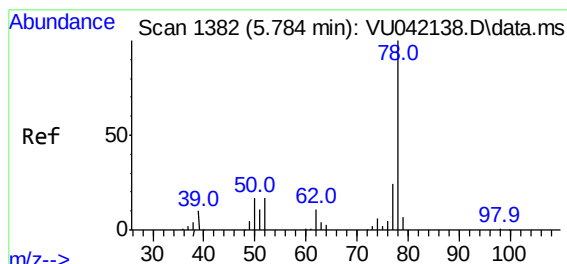
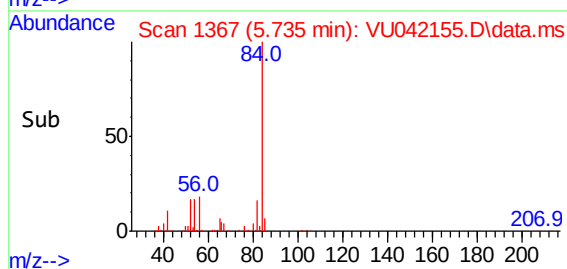
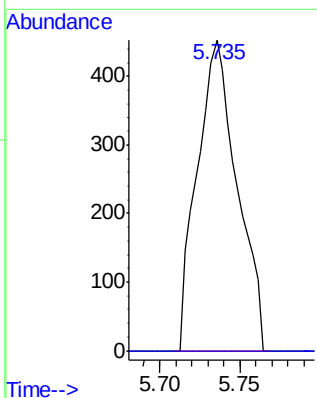
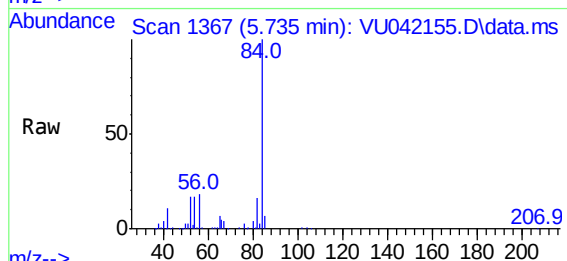
98 0.0 7.3 10.9#

Instrument :

MSVOA_U

ClientSampleId :

BFT99



#33

Benzene

Concen: 0.04 ug/L

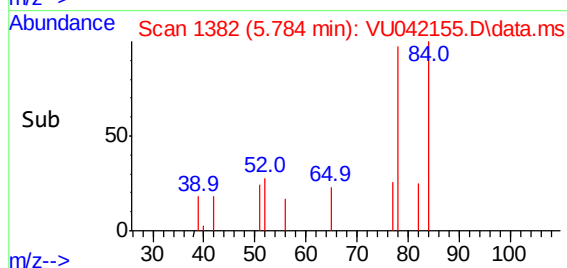
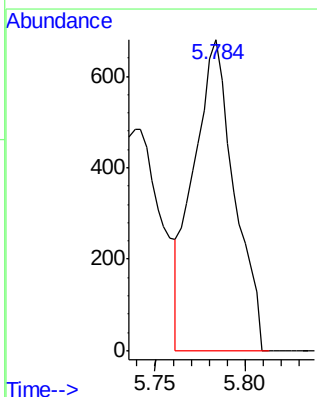
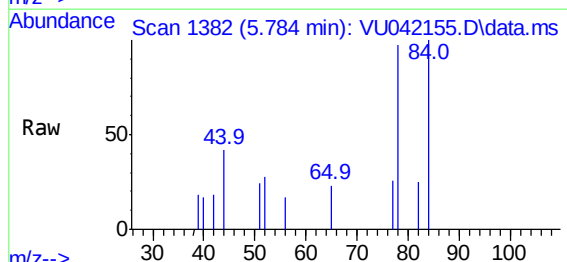
RT: 5.784 min Scan# 1382

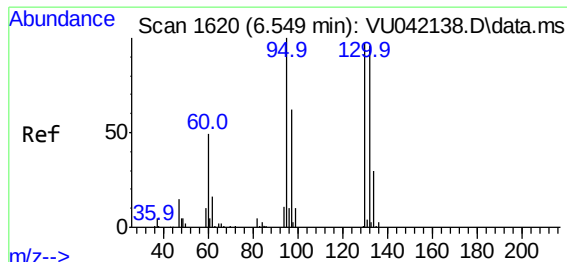
Delta R.T. 0.000 min

Lab File: VU042155.D

Acq: 21 Jan 2021 16:57

Tgt Ion: 78 Resp: 1062



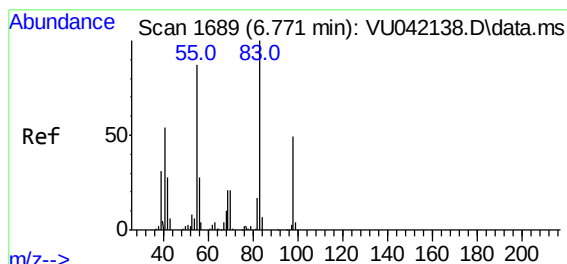
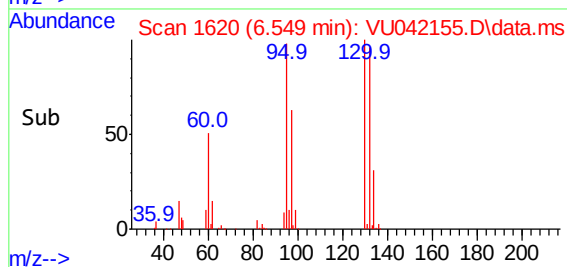
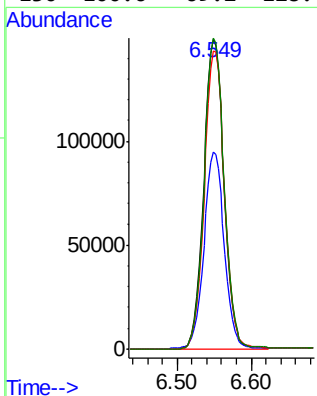
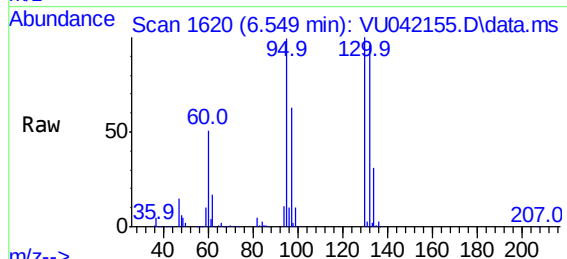


#34
Trichloroethene
Concen: 34.72 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Instrument :
MSVOA_U
ClientSampleId :
BFT99

Tgt Ion: 95 Resp: 281859

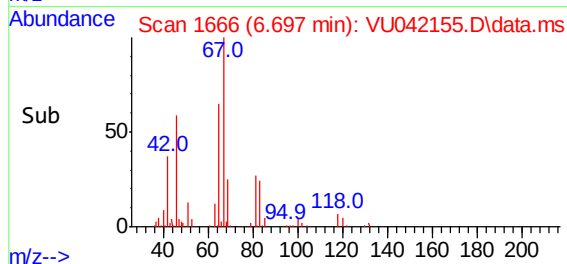
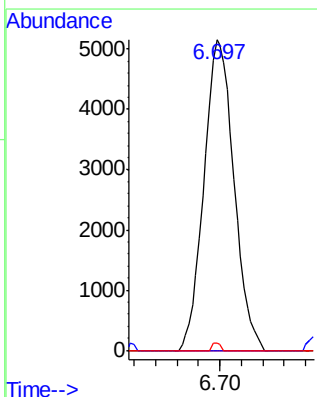
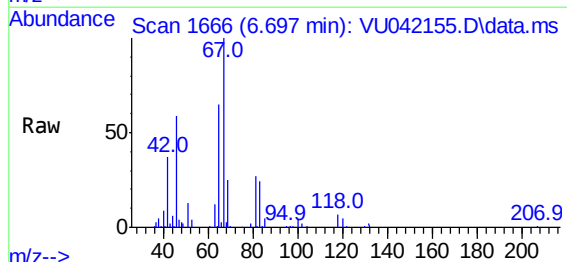
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.4	82.4
132	96.3	68.0	126.4
130	100.6	69.2	128.4

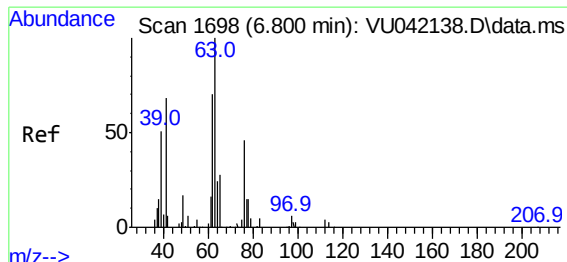


#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Tgt Ion: 83 Resp: 9987

Ion	Ratio	Lower	Upper
83	100		
55	23.4	68.2	102.4#
98	0.0	39.7	59.5#

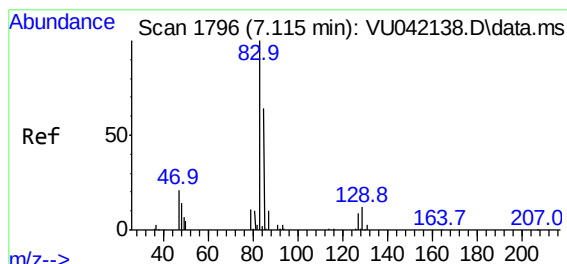
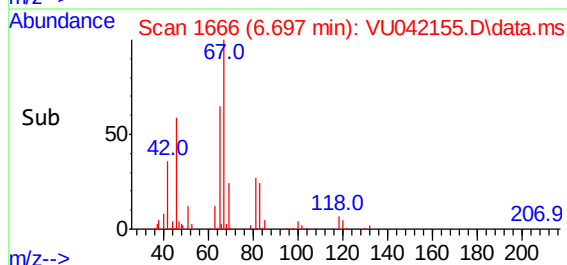
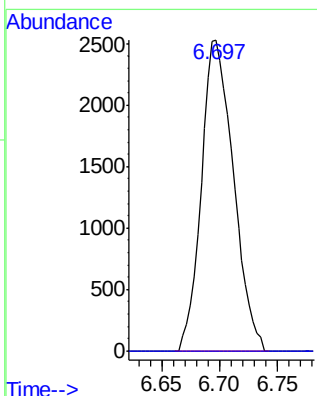
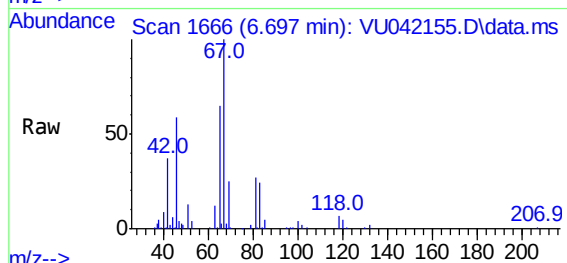




#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

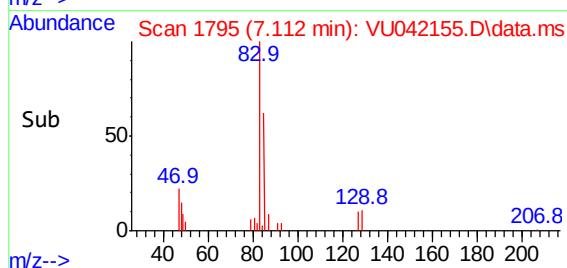
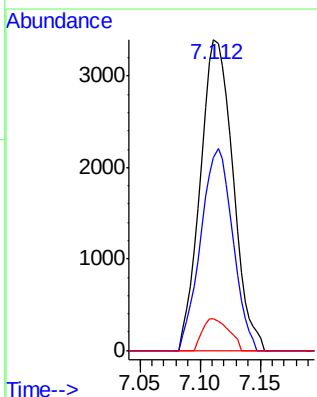
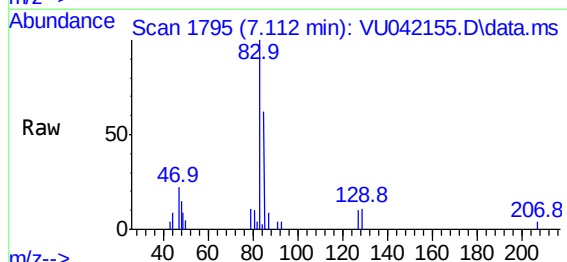
Instrument :
MSVOA_U
ClientSampleId :
BFT99

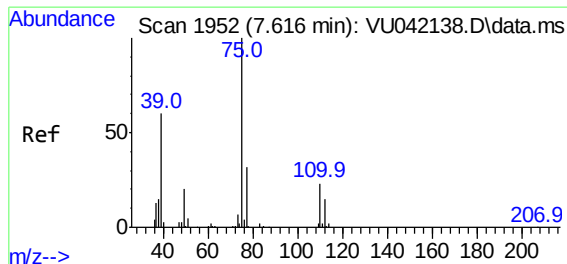
Tgt Ion: 63 Resp: 4873
Ion Ratio Lower Upper
63 100
112 10.3 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.57 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Tgt Ion: 83 Resp: 6243
Ion Ratio Lower Upper
83 100
85 62.3 46.0 85.4
127 10.2 6.8 10.2#

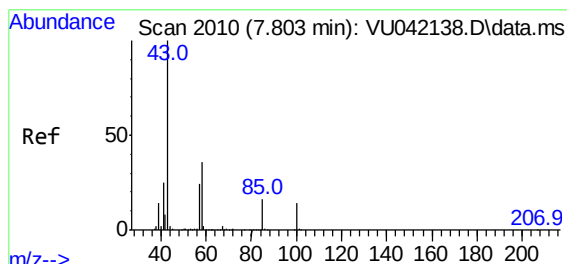
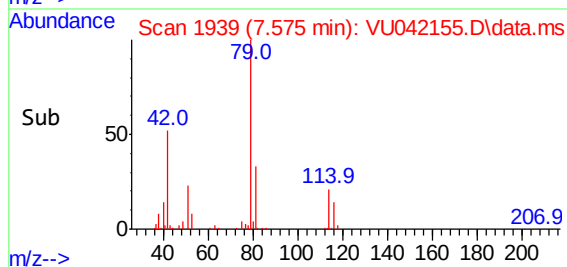
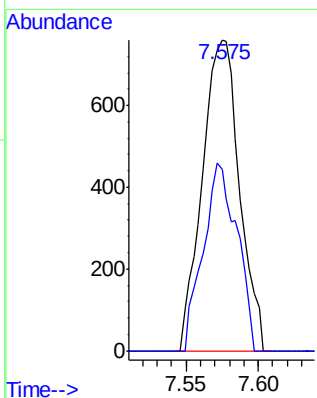
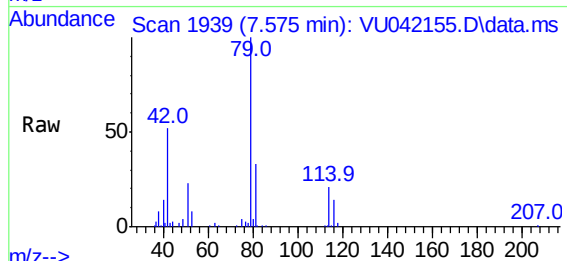




#39
 cis-1,3-Dichloropropene
 Concen: 0.10 ug/L
 RT: 7.575 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU042155.D
 Acq: 21 Jan 2021 16:57

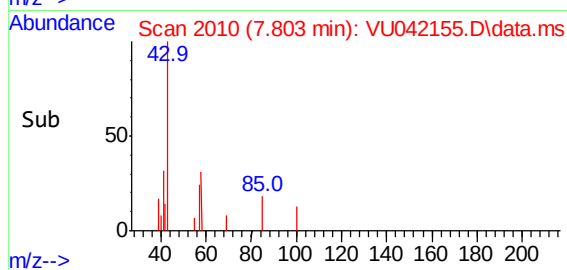
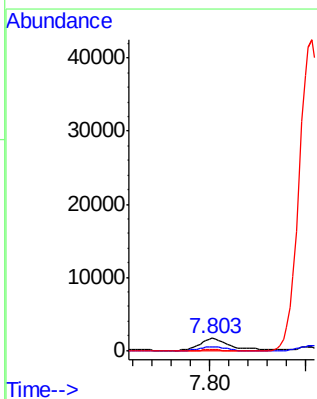
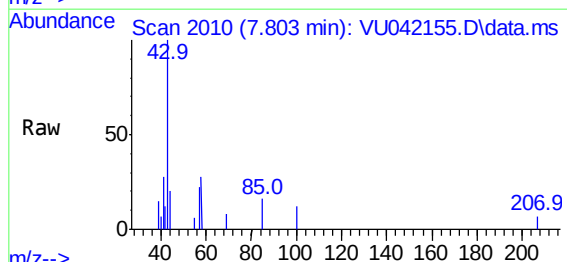
Instrument :
 MSVOA_U
 ClientSampleId :
 BFT99

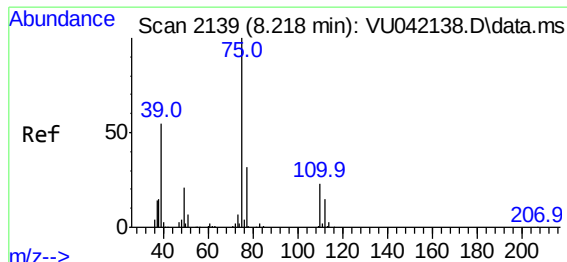
Tgt Ion: 75 Resp: 1362
 Ion Ratio Lower Upper
 75 100
 77 58.4 22.0 40.8#



#40
 4-Methyl-2-pentanone
 Concen: 0.52 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. 0.000 min
 Lab File: VU042155.D
 Acq: 21 Jan 2021 16:57

Tgt Ion: 43 Resp: 3518
 Ion Ratio Lower Upper
 43 100
 58 25.2 29.1 43.7#
 100 0.0 11.0 16.4#



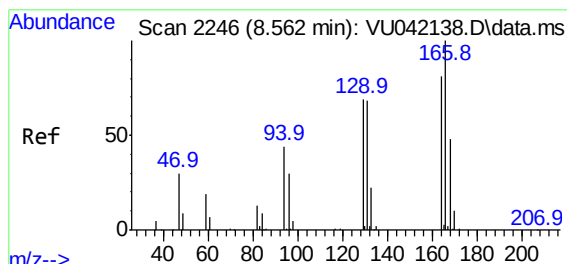
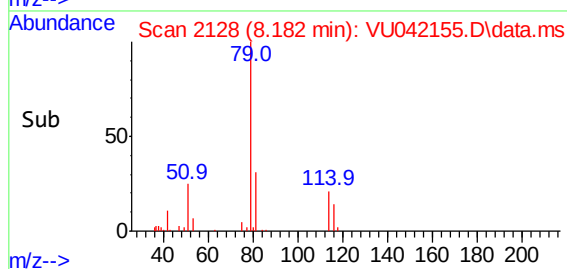
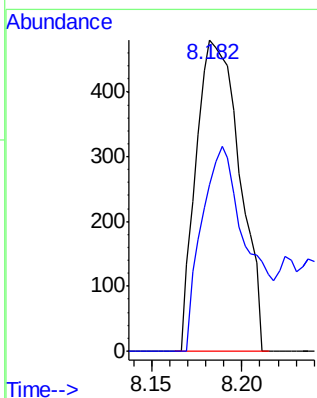
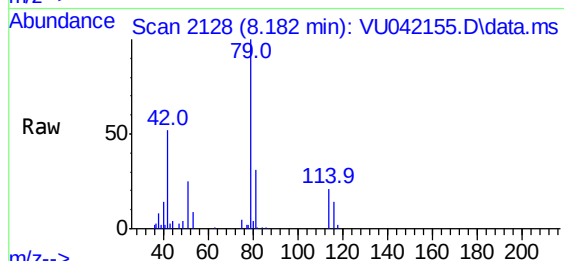


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.035 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Instrument :
MSVOA_U
ClientSampleId :
BFT99

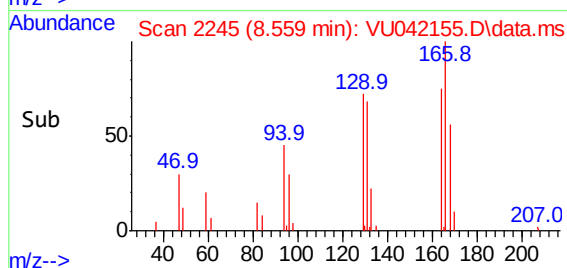
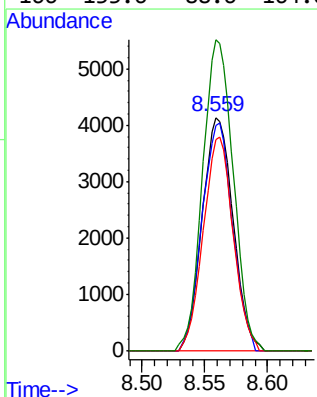
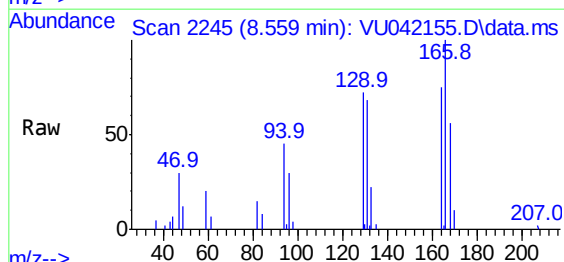
Tgt Ion: 75 Resp: 800
Ion Ratio Lower Upper
75 100
77 53.5 21.8 40.4#

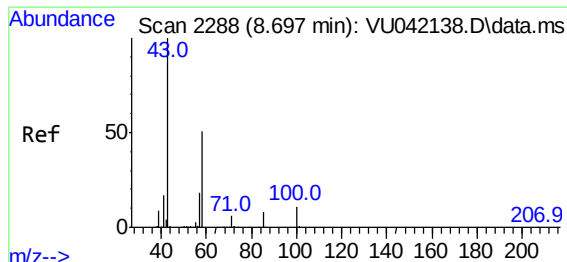


#47

Tetrachloroethene
Concen: 1.04 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Tgt Ion: 164 Resp: 7045
Ion Ratio Lower Upper
164 100
129 96.5 64.3 119.5
131 90.4 62.2 115.6
166 133.6 88.6 164.6

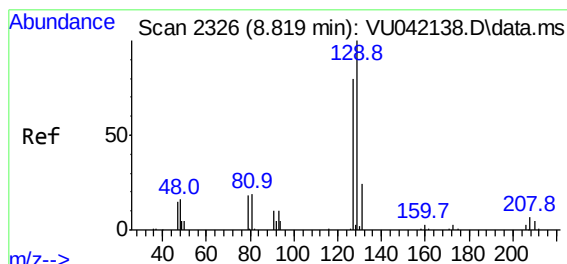
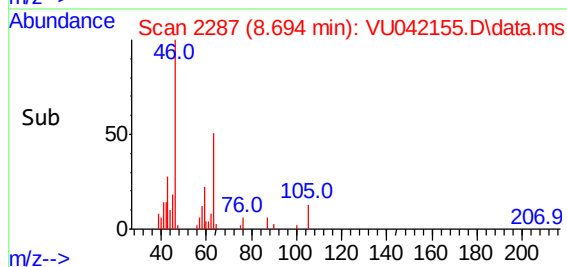
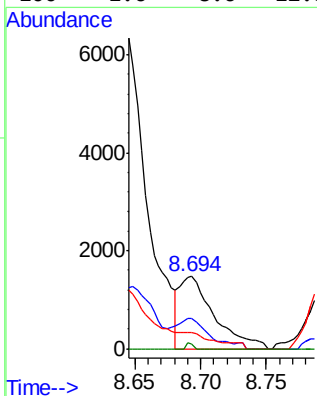
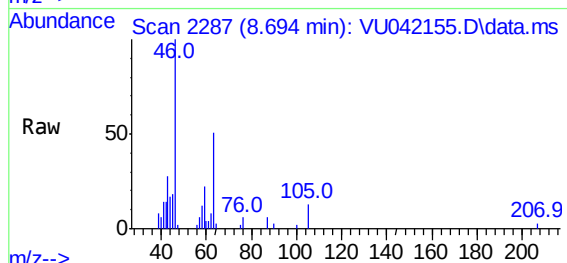




#48
2-Hexanone
Concen: 0.57 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

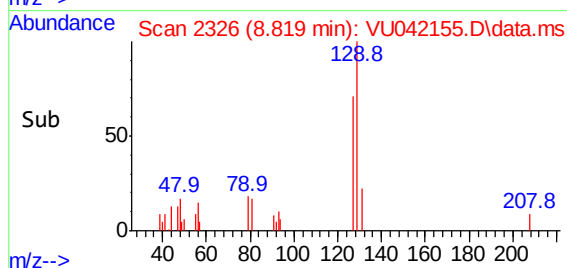
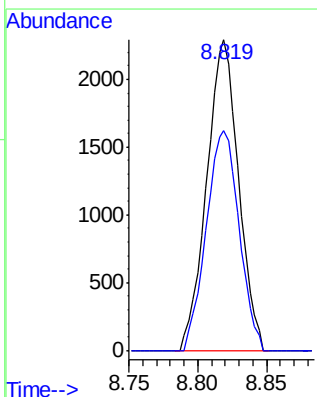
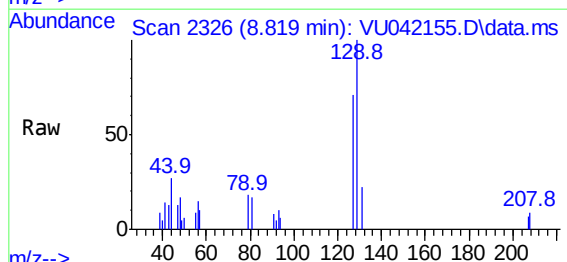
Instrument :
MSVOA_U
ClientSampleId :
BFT99

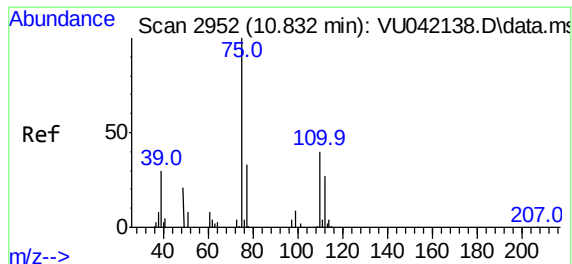
Tgt Ion: 43 Resp: 2708
Ion Ratio Lower Upper
43 100
58 43.0 40.6 61.0
57 0.0 14.9 22.3#
100 1.6 8.6 12.8#



#49
Dibromochloromethane
Concen: 0.47 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Tgt Ion: 129 Resp: 3670
Ion Ratio Lower Upper
129 100
127 70.7 52.3 97.1

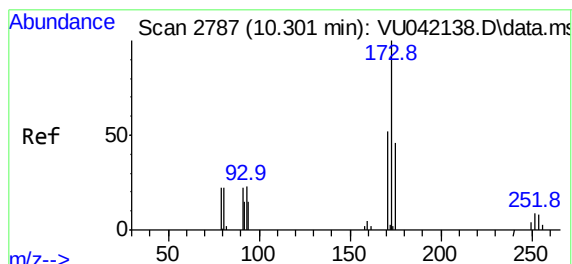
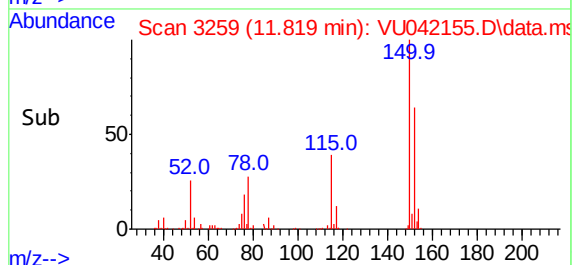
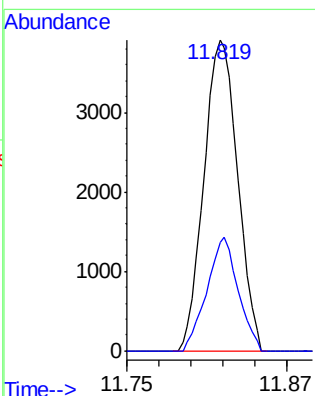
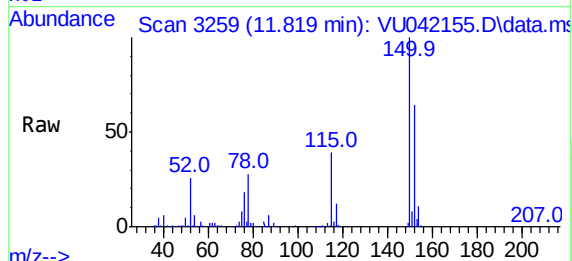




#59
1,2,3-Trichloropropane
Concen: 1.13 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

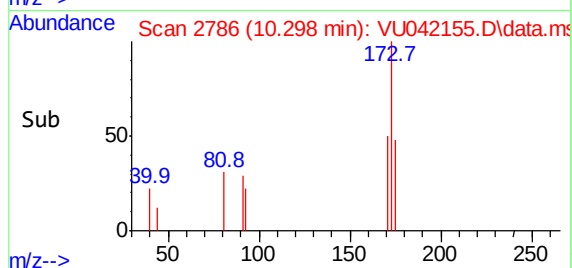
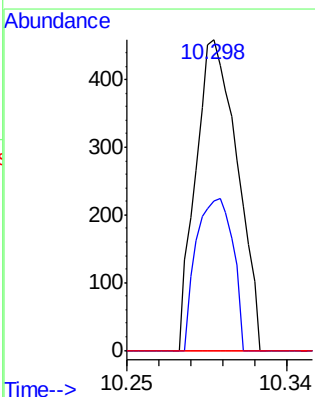
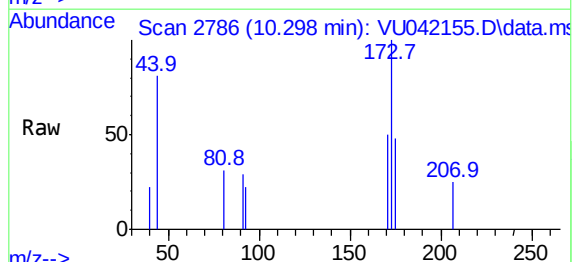
Instrument :
MSVOA_U
ClientSampled :
BFT99

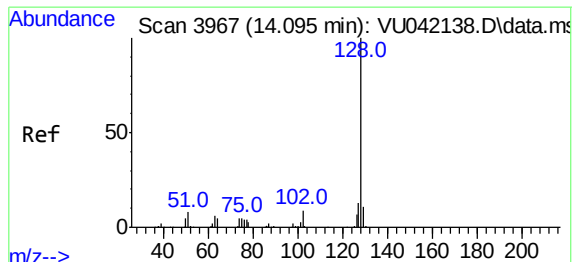
Tgt Ion: 75 Resp: 6330
Ion Ratio Lower Upper
75 100
77 33.9 26.0 39.0



#61
Bromoform
Concen: 0.15 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Tgt Ion:173 Resp: 726
Ion Ratio Lower Upper
173 100
175 43.1 38.7 58.1
254 0.0 7.9 11.9#





#69
Naphthalene
Concen: 0.22 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042155.D
Acq: 21 Jan 2021 16:57

Instrument :
MSVOA_U
ClientSampleId :
BFT99

Tgt Ion:128 Resp: 3397
Ion Ratio Lower Upper
128 100
129 9.9 8.7 13.1
127 11.0 10.6 15.8

