

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042146.D
 Acq On : 21 Jan 2021 13:23
 Operator : SY/MD
 Sample : M1170-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT96

Quant Time: Jan 22 02:47:09 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)

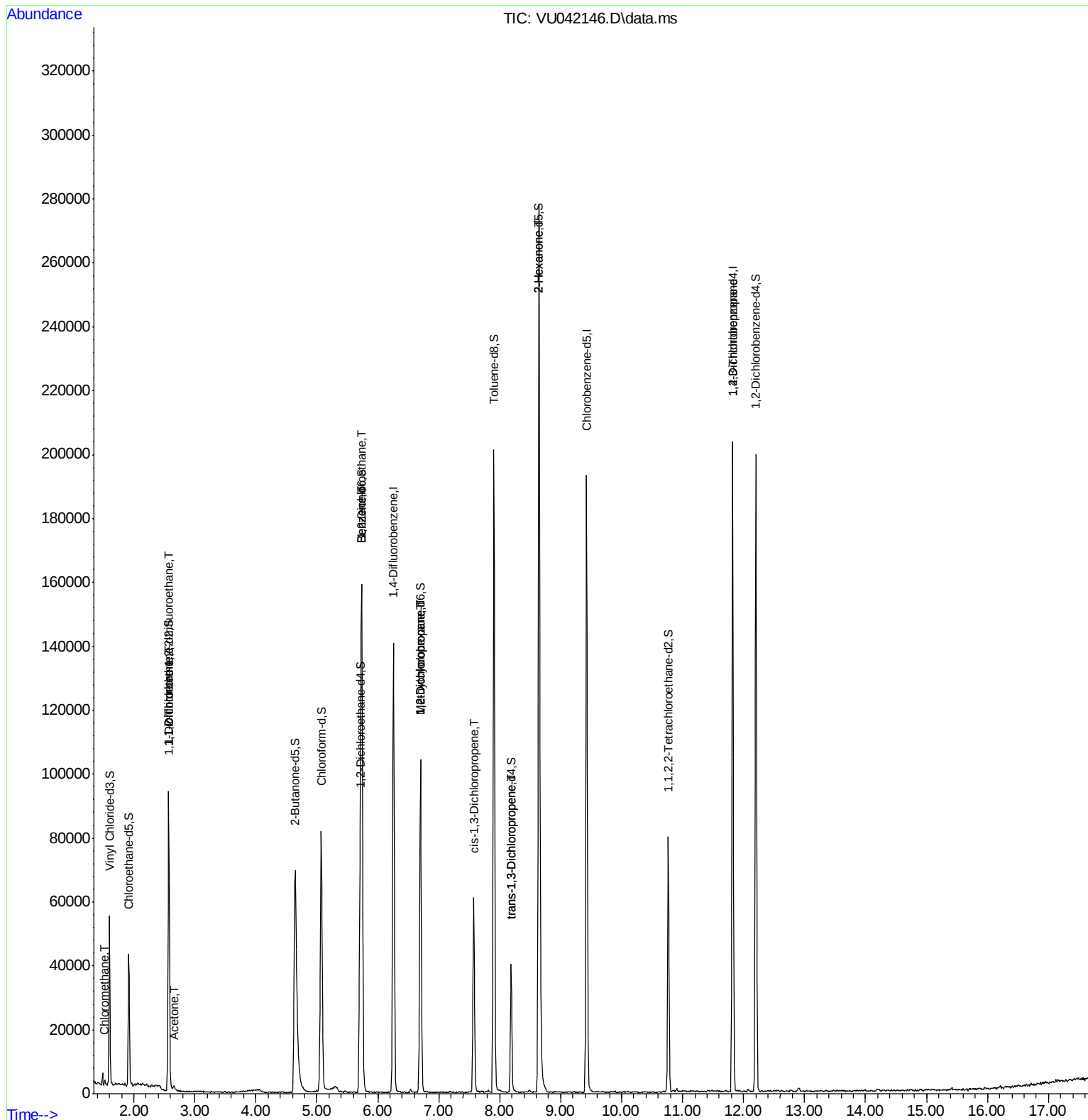
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	110028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	102082	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52491	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33854	4.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.40%			
7) Chloroethane-d5	1.916	69	27843	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.572	63	57075	3.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.00%			
20) 2-Butanone-d5	4.646	46	142803	55.14	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.28%			
24) Chloroform-d	5.073	84	72672	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.710	65	45736	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	5.736	84	137322	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
36) 1,2-Dichloropropane-d6	6.700	67	45671	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.20%			
41) Toluene-d8	7.906	98	125511	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
43) trans-1,3-Dichloroprop...	8.189	79	21339	4.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.00%			
46) 2-Hexanone-d5	8.642	63	102090	53.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.60%			
57) 1,1,2,2-Tetrachloroeth...	10.765	84	37807	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%			
64) 1,2-Dichlorobenzene-d4	12.202	152	49351	5.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.60%			
Target Compounds						
3) Chloromethane	1.521	50	833	0.09	ug/L #	74
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	477	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	424	0.06	ug/L #	1
13) Acetone	2.659	43	2357	1.37	ug/L	81
27) 1,2-Dichloroethane	5.733	62	953	0.09	ug/L #	75
33) Benzene	5.736	78	1201	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	11193	0.82	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	5249	0.66	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1537	0.12	ug/L #	56
44) trans-1,3-Dichloropropene	8.189	75	764	0.06	ug/L #	48
48) 2-Hexanone	8.642	43	13830	2.94	ug/L #	71
59) 1,2,3-Trichloropropane	11.819	75	5842	1.05	ug/L	92

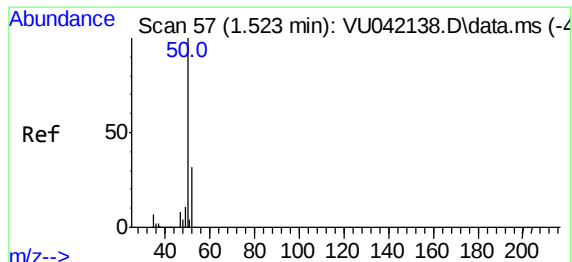
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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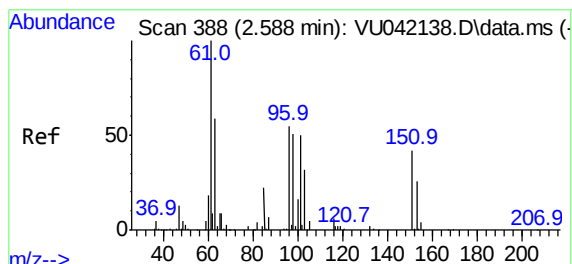
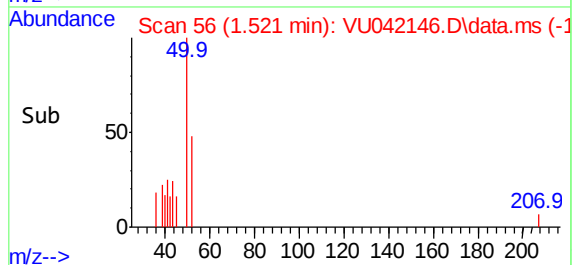
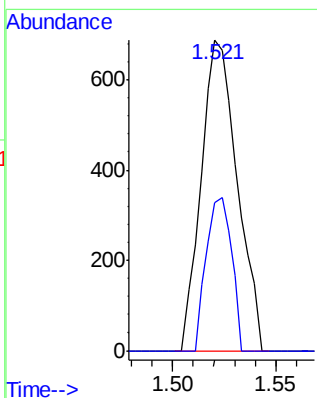
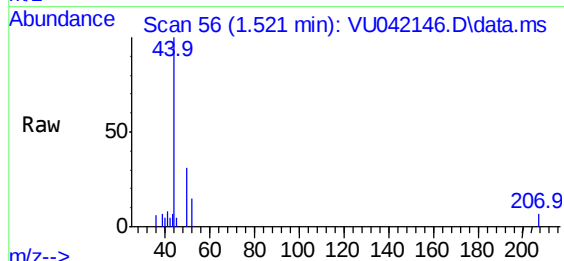




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.521 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042146.D
Acq: 21 Jan 2021 13:23

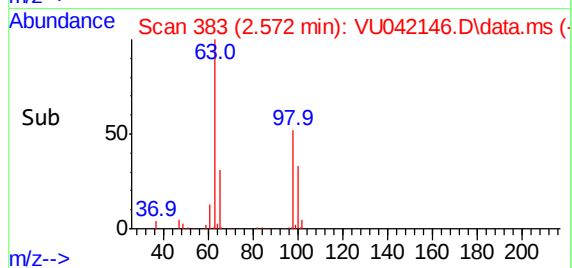
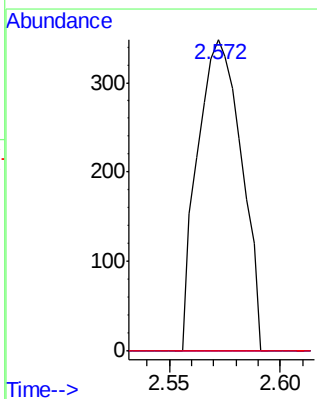
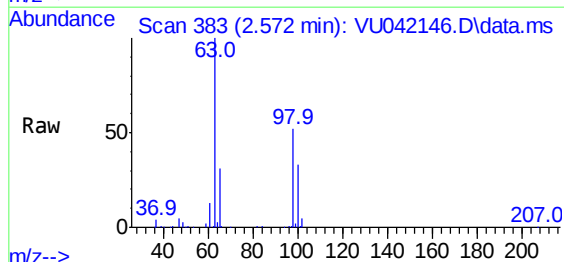
Instrument :
MSVOA_U
ClientSampleId :
BFT96

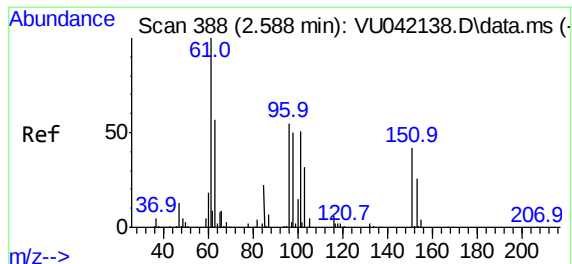
Tgt Ion: 50 Resp: 833
Ion Ratio Lower Upper
50 100
52 47.5 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042146.D
Acq: 21 Jan 2021 13:23

Tgt Ion: 101 Resp: 477
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

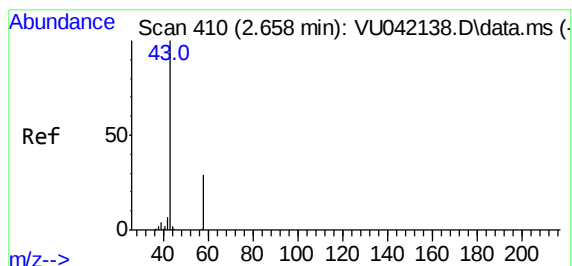
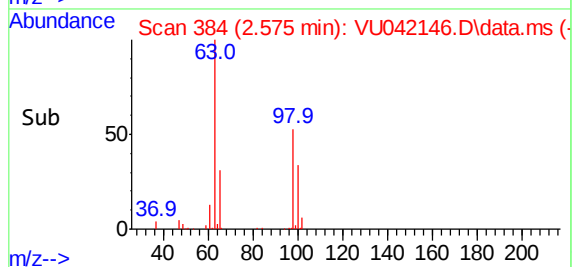
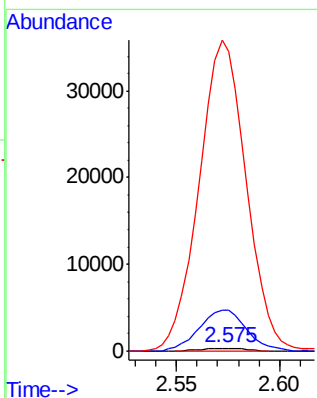
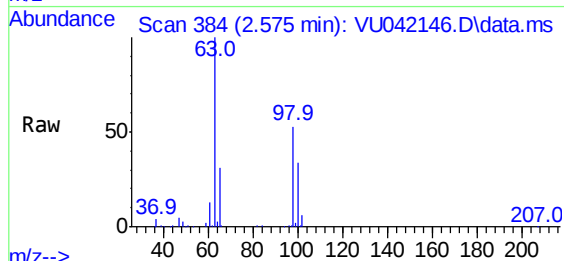




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.012 min
Lab File: VU042146.D
Acq: 21 Jan 2021 13:23

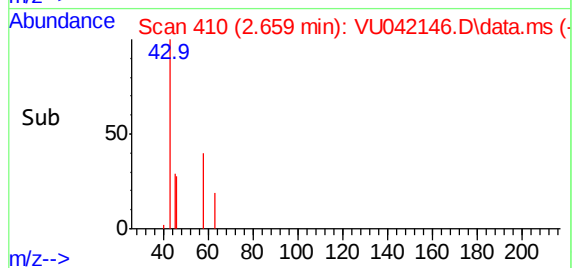
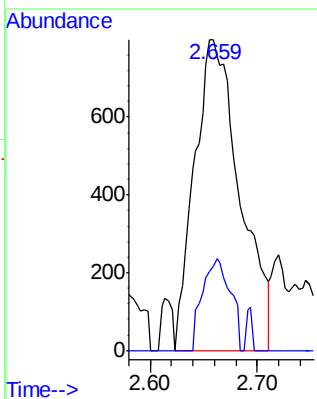
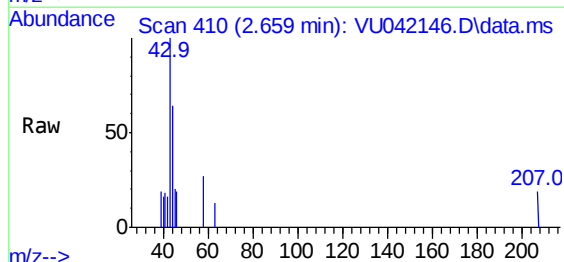
Instrument :
MSVOA_U
ClientSampled :
BFT96

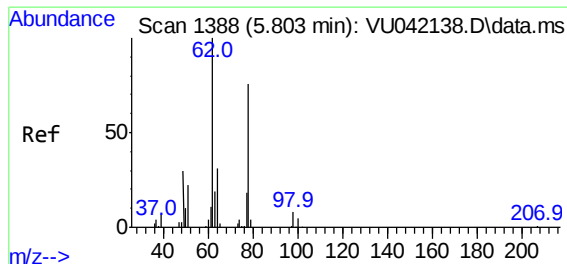
Tgt Ion: 96 Resp: 424
Ion Ratio Lower Upper
96 100
61 1535.8 126.2 234.4#
63 11446.4 77.8 144.4#



#13
Acetone
Concen: 1.37 ug/L
RT: 2.659 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU042146.D
Acq: 21 Jan 2021 13:23

Tgt Ion: 43 Resp: 2357
Ion Ratio Lower Upper
43 100
58 18.0 0.0 55.8

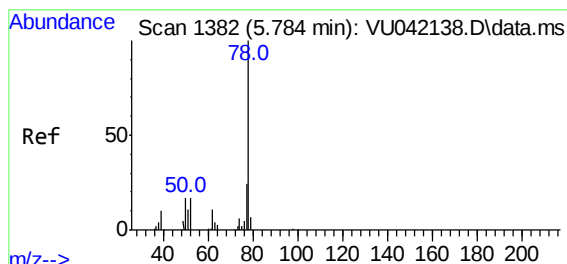
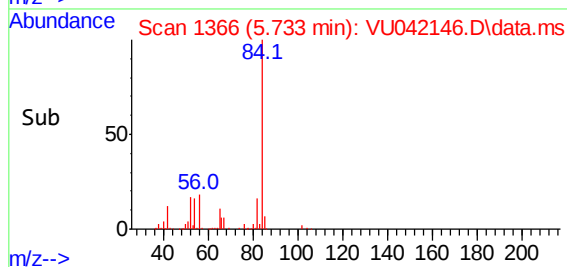
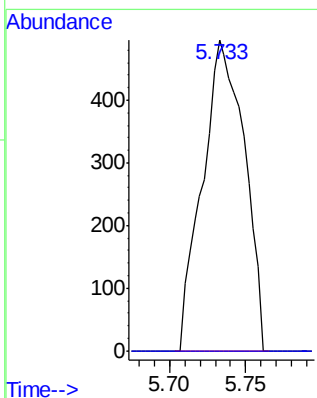
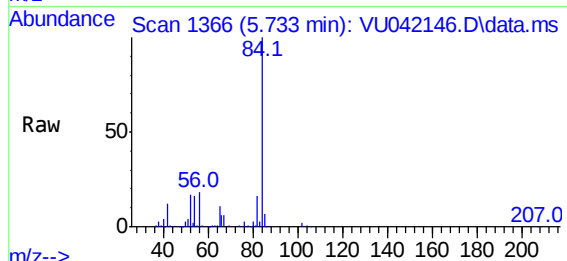




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.733 min Scan# 1366
Delta R.T. -0.070 min
Lab File: VU042146.D
Acq: 21 Jan 2021 13:23

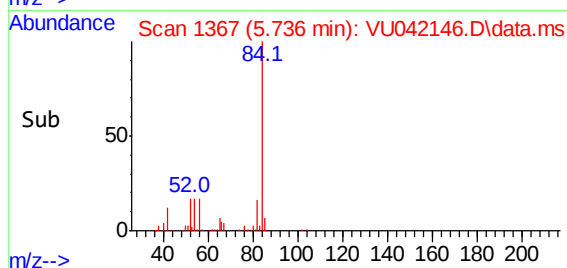
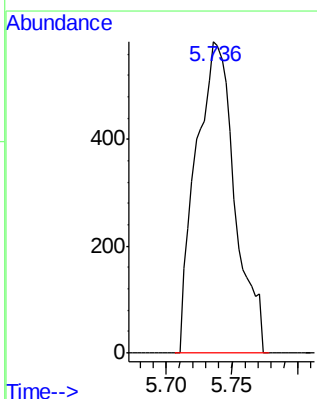
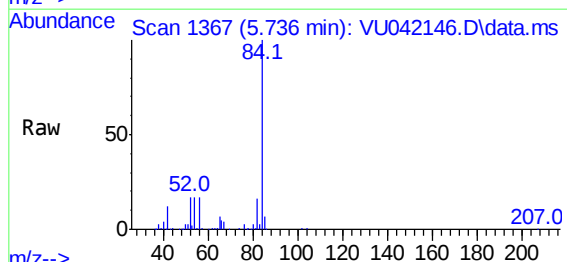
Instrument :
MSVOA_U
ClientSampleId :
BFT96

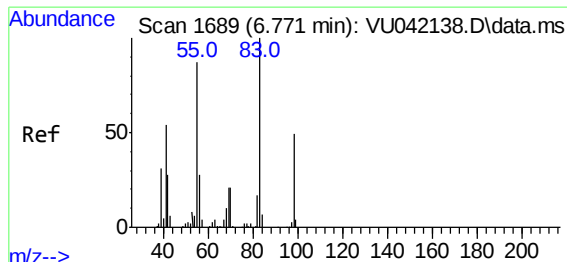
Tgt Ion: 62 Resp: 953
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.04 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042146.D
Acq: 21 Jan 2021 13:23

Tgt Ion: 78 Resp: 1201

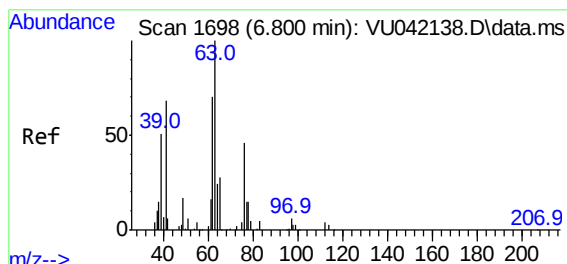
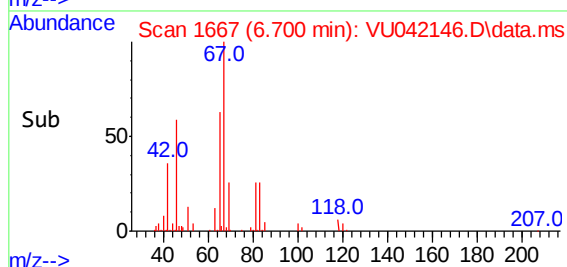
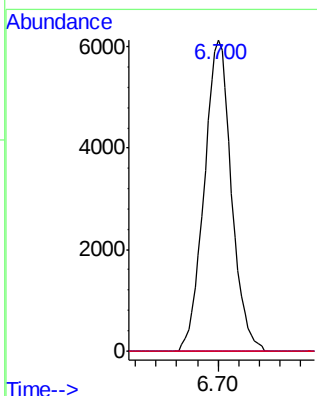
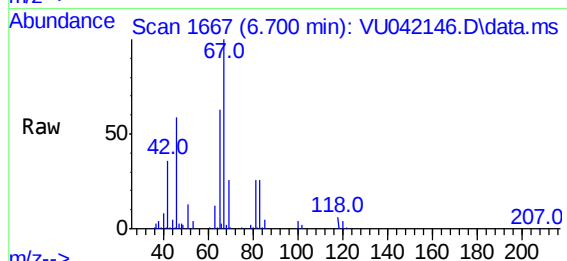




#35
Methylcyclohexane
Concen: 0.82 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.070 min
Lab File: VU042146.D
Acq: 21 Jan 2021 13:23

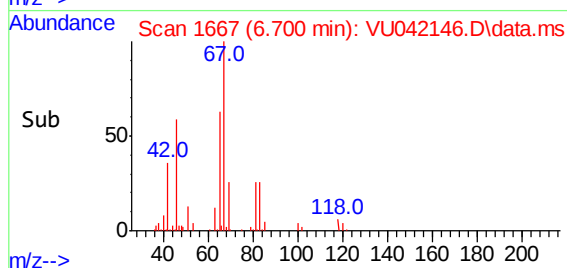
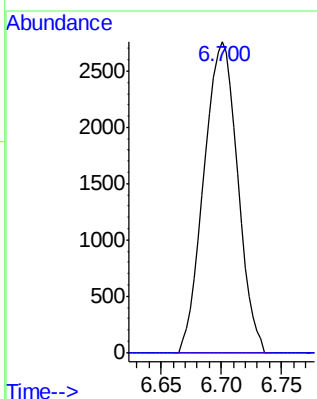
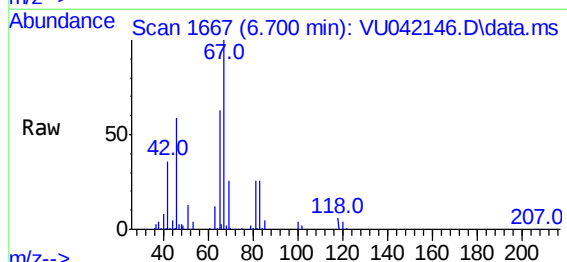
Instrument :
MSVOA_U
ClientSampleId :
BFT96

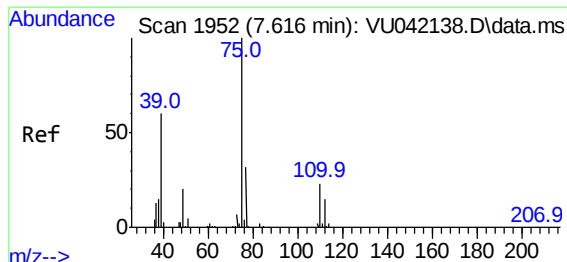
Tgt Ion: 83 Resp: 11193
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042146.D
Acq: 21 Jan 2021 13:23

Tgt Ion: 63 Resp: 5249
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.12 ug/L

RT: 7.575 min Scan# 1939

Delta R.T. -0.041 min

Lab File: VU042146.D

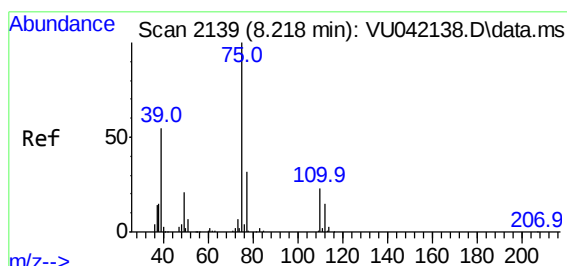
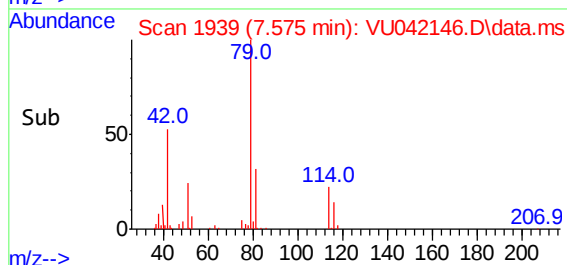
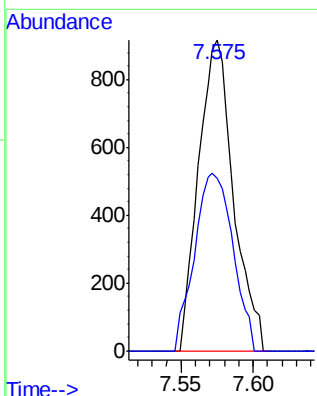
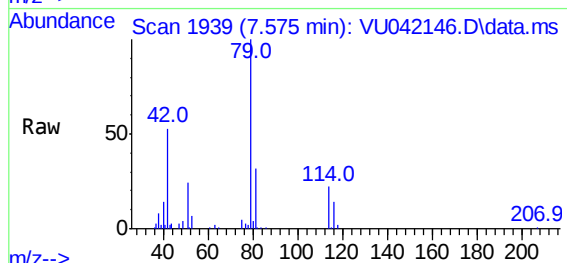
Acq: 21 Jan 2021 13:23

Tgt Ion: 75 Resp: 1537

Ion Ratio Lower Upper

75 100

77 55.7 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.06 ug/L

RT: 8.189 min Scan# 2130

Delta R.T. -0.029 min

Lab File: VU042146.D

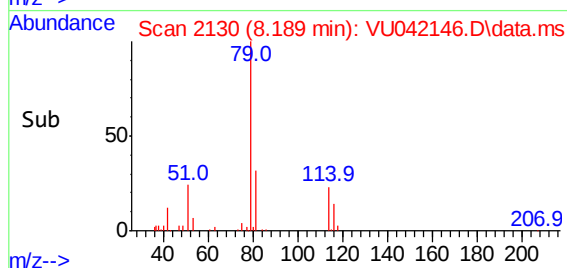
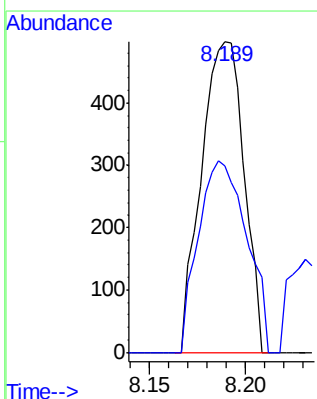
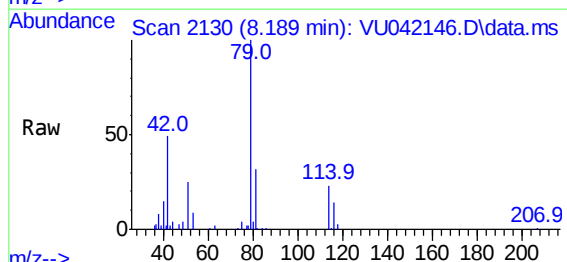
Acq: 21 Jan 2021 13:23

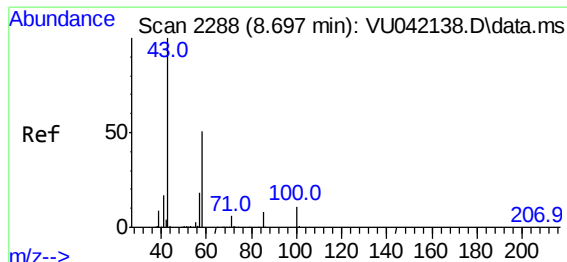
Tgt Ion: 75 Resp: 764

Ion Ratio Lower Upper

75 100

77 59.8 21.8 40.4#

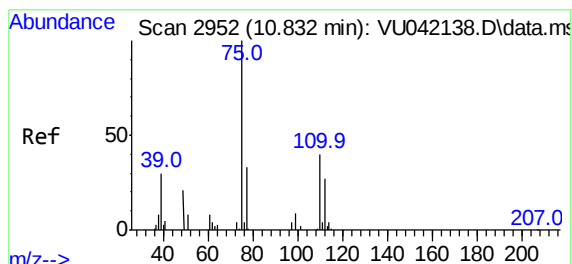
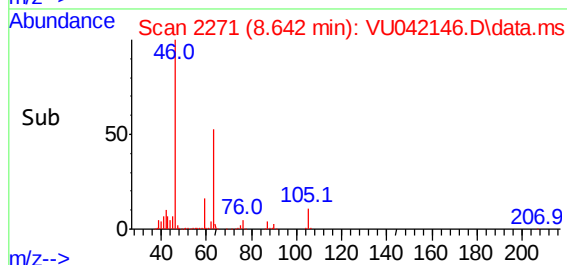
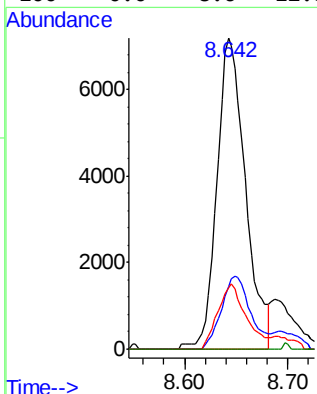
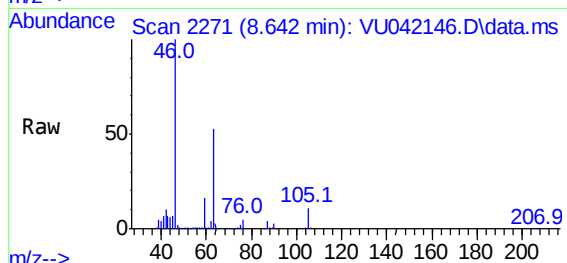




#48
2-Hexanone
Concen: 2.94 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.054 min
Lab File: VU042146.D
Acq: 21 Jan 2021 13:23

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43 Resp: 13830
Ion Ratio Lower Upper
43 100
58 24.4 40.6 61.0#
57 20.8 14.9 22.3
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 1.05 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042146.D
Acq: 21 Jan 2021 13:23

Tgt Ion: 75 Resp: 5842
Ion Ratio Lower Upper
75 100
77 37.1 26.0 39.0

