

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042067.D
 Acq On : 15 Jan 2021 12:49
 Operator : SY/MD
 Sample : M1129-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT62DL

Quant Time: Jan 16 01:08:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 16 01:05:16 2021
 Response via : Initial Calibration

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

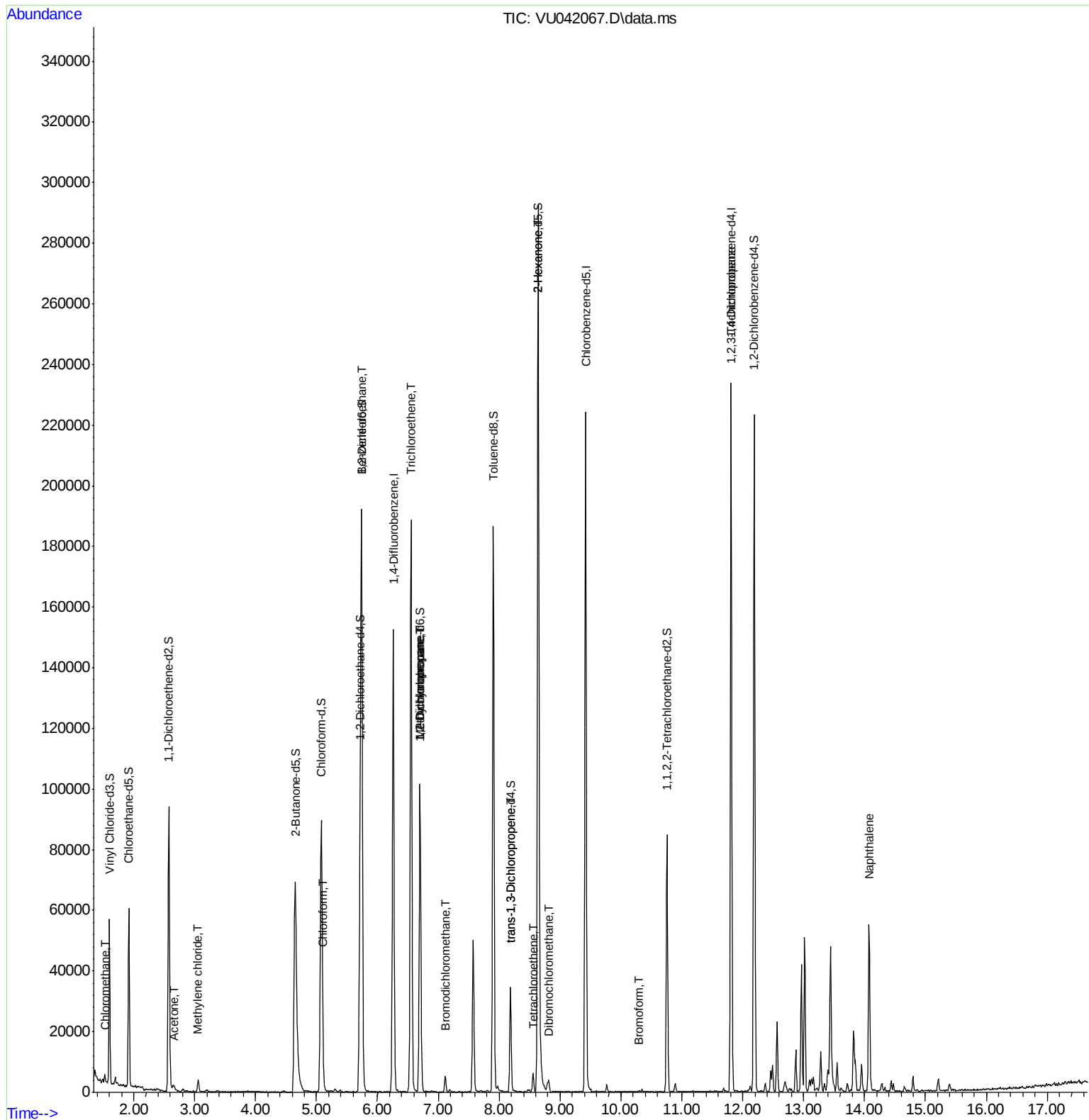
Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	123295	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	124300	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	62447	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36061	3.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.40%			
7) Chloroethane-d5	1.919	69	42050	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.575	63	56812	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.60%			
20) 2-Butanone-d5	4.652	46	128375	41.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.24%			
24) Chloroform-d	5.076	84	84576	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
26) 1,2-Dichloroethane-d4	5.716	65	52981	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.742	84	173691	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
36) 1,2-Dichloropropane-d6	6.700	67	48647	3.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 73.80%			
41) Toluene-d8	7.903	98	125423	3.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.80%#			
43) trans-1,3-Dichloroprop...	8.186	79	20238	3.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.40%			
46) 2-Hexanone-d5	8.639	63	113158	41.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.34%			
57) 1,1,2,2-Tetrachloroeth...	10.755	84	44105	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.00%			
64) 1,2-Dichlorobenzene-d4	12.189	152	56974	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	1558	0.11	ug/L	99
13) Acetone	2.658	43	3897	2.00	ug/L	98
16) Methylene chloride	3.057	84	2227	0.20	ug/L	81
25) Chloroform	5.102	83	6023	0.31	ug/L	86
27) 1,2-Dichloroethane	5.742	62	882	0.07	ug/L #	75
34) Trichloroethene	6.552	95	65965	5.74	ug/L	95
35) Methylcyclohexane	6.700	83	11614	0.64	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	5525	0.46	ug/L #	90
38) Bromodichloromethane	7.115	83	3729	0.24	ug/L #	90
44) trans-1,3-Dichloropropene	8.186	75	703	0.05	ug/L #	33
47) Tetrachloroethene	8.559	164	1461	0.20	ug/L	83
48) 2-Hexanone	8.639	43	14453	2.59	ug/L #	66
49) Dibromochloromethane	8.816	129	2206	0.24	ug/L	90
59) 1,2,3-Trichloropropane	11.806	75	7021	0.89	ug/L	99
61) Bromoform	10.298	173	384	0.07	ug/L #	77
69) Naphthalene	14.076	128	44169	2.26	ug/L	98

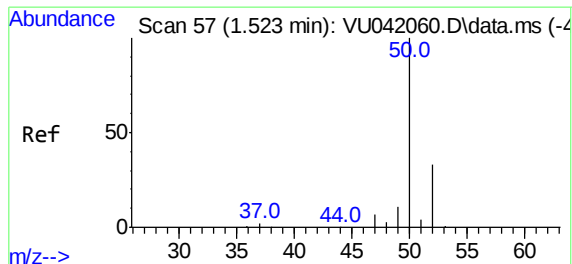
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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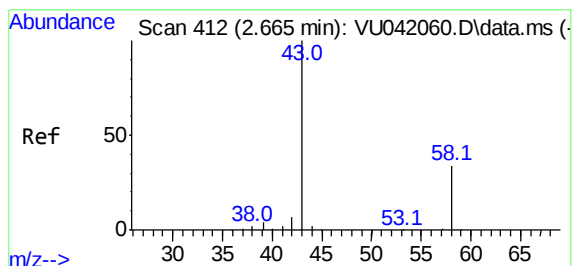
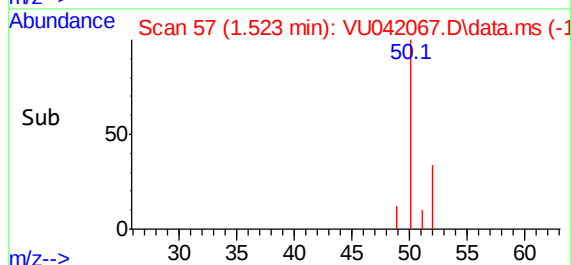
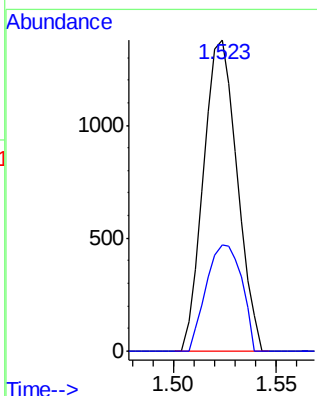
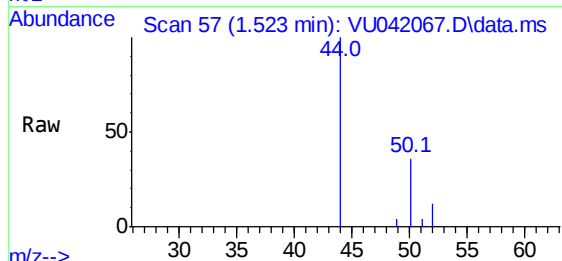




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49

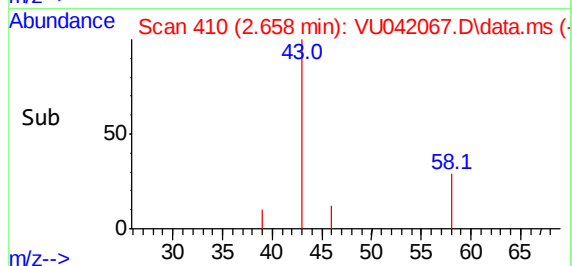
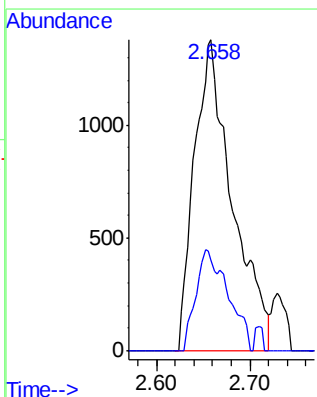
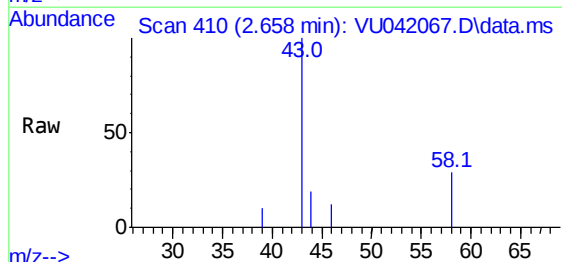
Instrument :
MSVOA_U
ClientSampleId :
BFT62DL

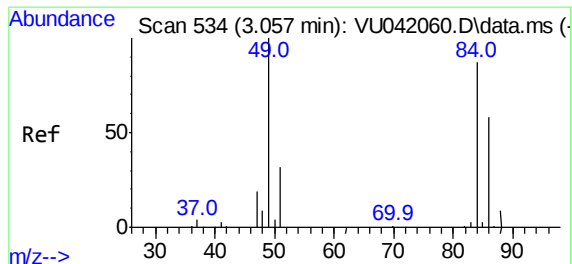
Tgt Ion: 50 Resp: 1558
Ion Ratio Lower Upper
50 100
52 34.3 23.5 43.7



#13
Acetone
Concen: 2.00 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.006 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49

Tgt Ion: 43 Resp: 3897
Ion Ratio Lower Upper
43 100
58 27.6 0.0 57.4

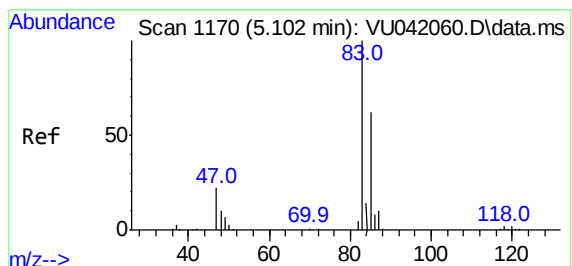
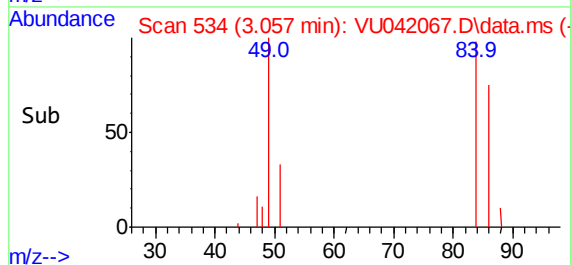
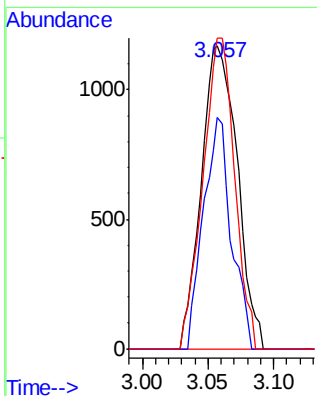
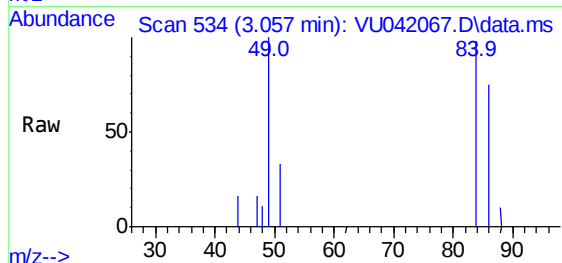




#16
Methylene chloride
Concen: 0.20 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49

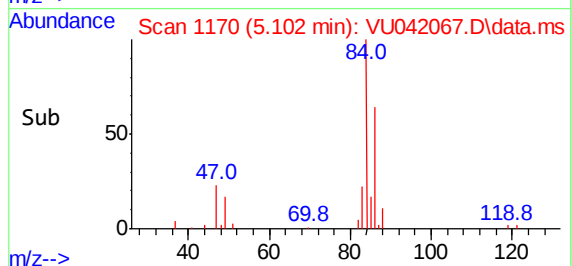
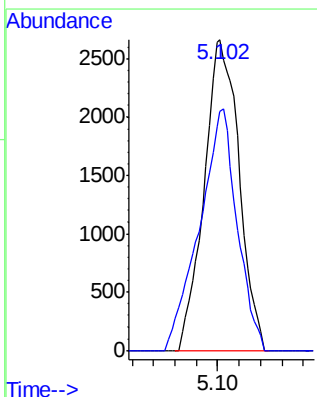
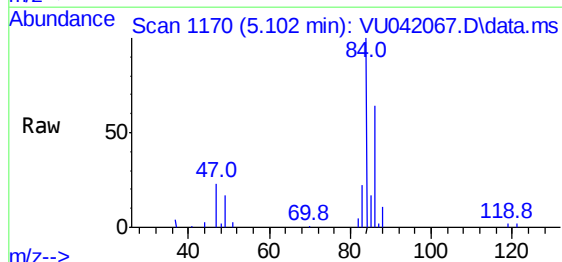
Instrument :
MSVOA_U
ClientSampleId :
BFT62DL

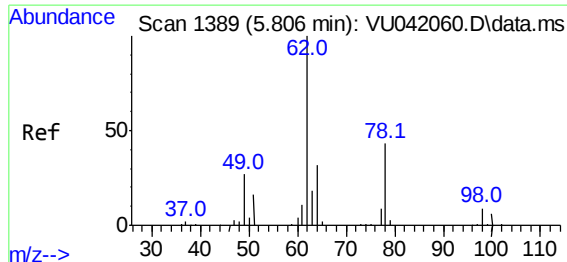
Tgt Ion: 84 Resp: 2227
Ion Ratio Lower Upper
84 100
86 76.5 42.6 79.0
49 102.4 86.2 160.0



#25
Chloroform
Concen: 0.31 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49

Tgt Ion: 83 Resp: 6023
Ion Ratio Lower Upper
83 100
85 77.1 46.1 85.7

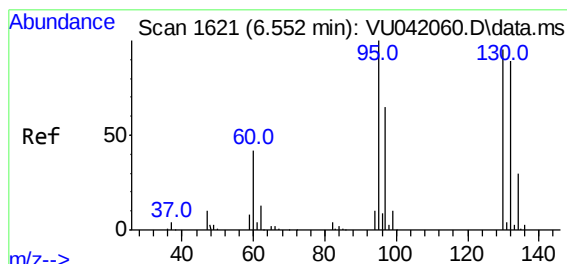
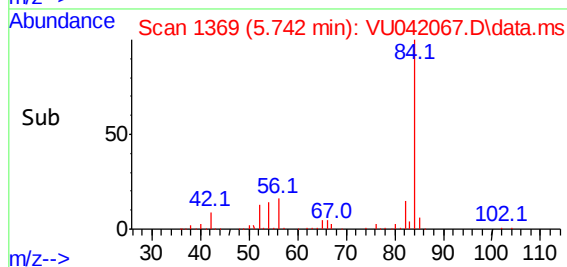
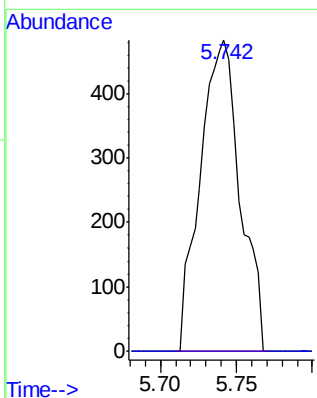
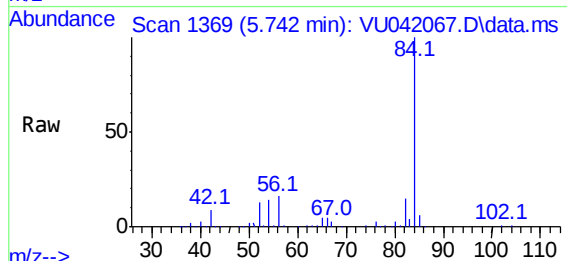




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49

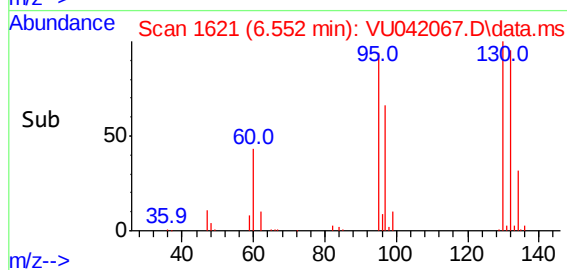
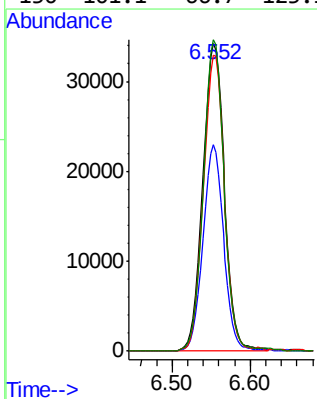
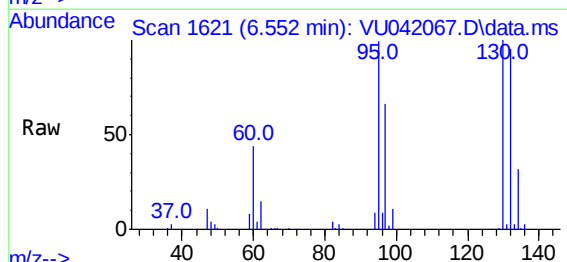
Instrument :
MSVOA_U
ClientSampleId :
BFT62DL

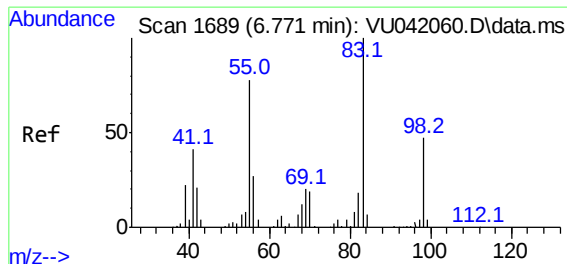
Tgt Ion: 62 Resp: 882
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



#34
Trichloroethene
Concen: 5.74 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49

Tgt Ion: 95 Resp: 65965
Ion Ratio Lower Upper
95 100
97 67.1 43.6 81.0
132 96.1 64.3 119.3
130 101.1 66.7 123.9

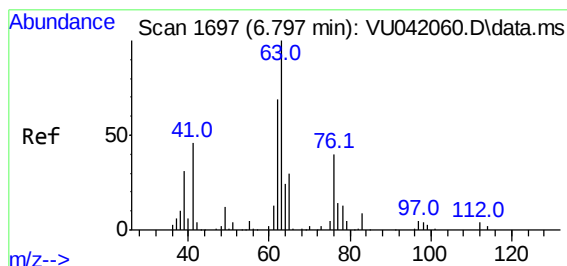
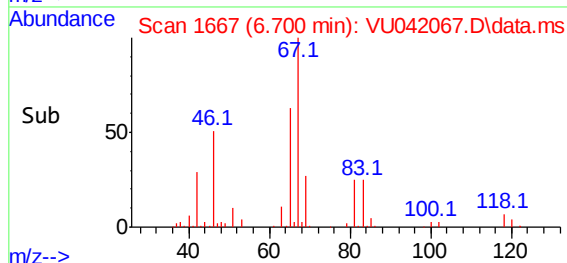
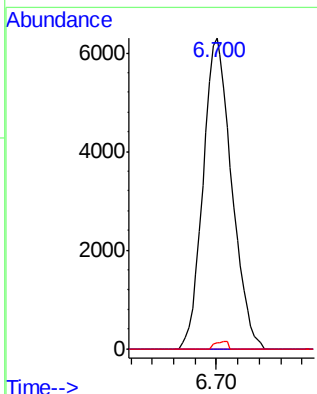
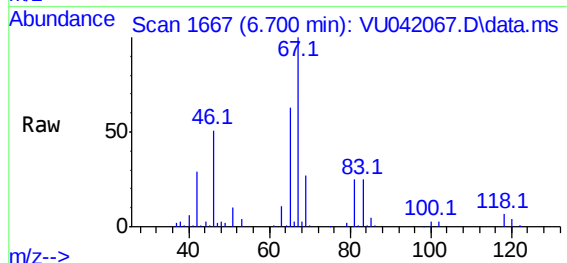




#35
Methylcyclohexane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49

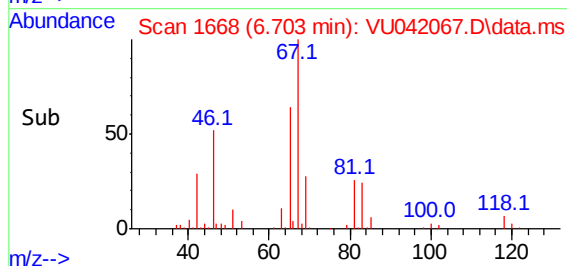
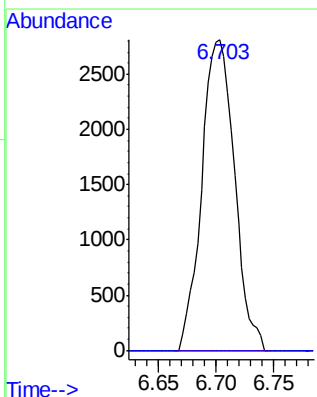
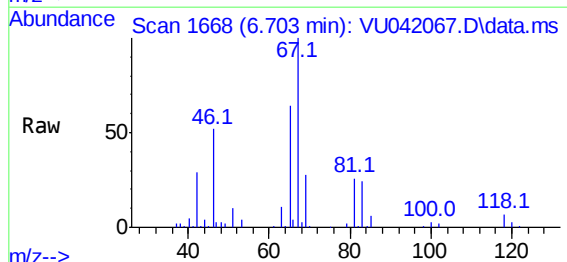
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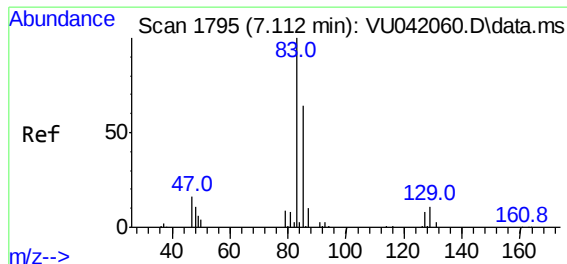
Tgt Ion: 83 Resp: 11614
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 1.1 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.46 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.093 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49

Tgt Ion: 63 Resp: 5525
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

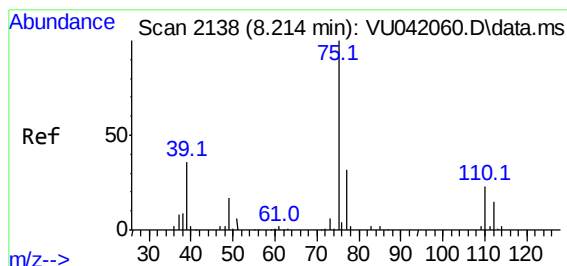
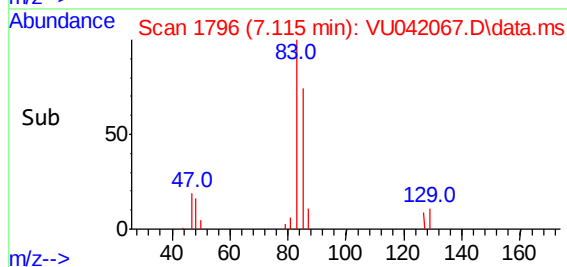
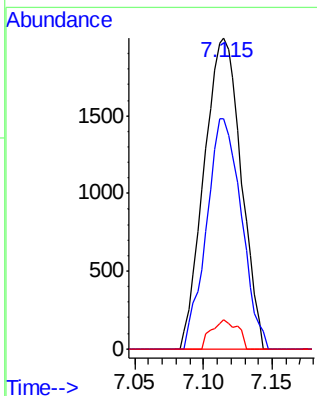
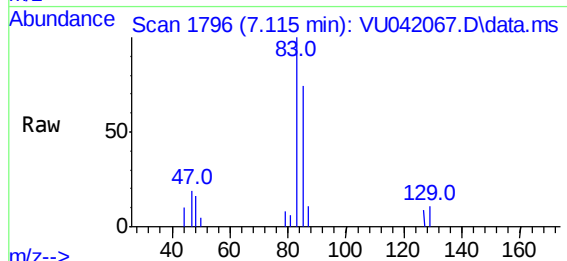




#38
Bromodichloromethane
Concen: 0.24 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49

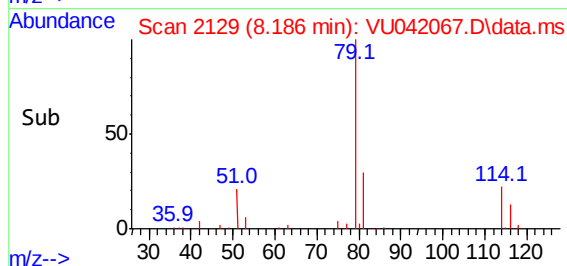
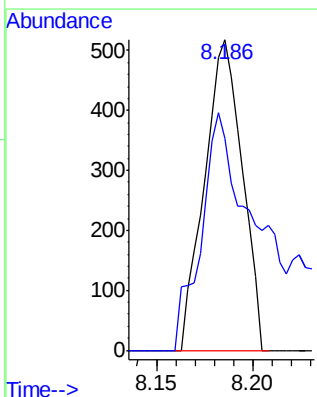
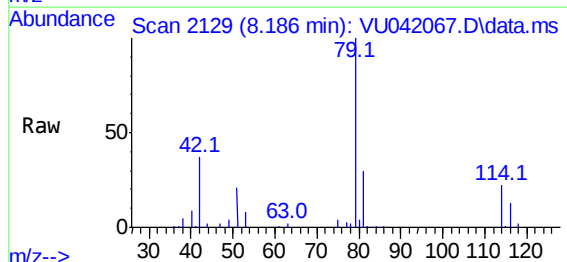
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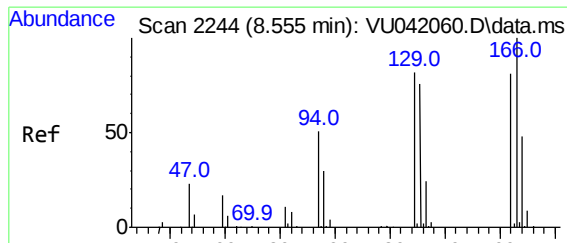
Tgt Ion: 83 Resp: 3729
Ion Ratio Lower Upper
83 100
85 74.2 45.8 85.0
127 9.3 6.1 9.1#



#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49

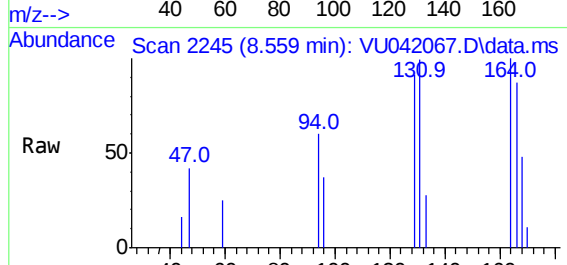
Tgt Ion: 75 Resp: 703
Ion Ratio Lower Upper
75 100
77 68.3 22.0 41.0#





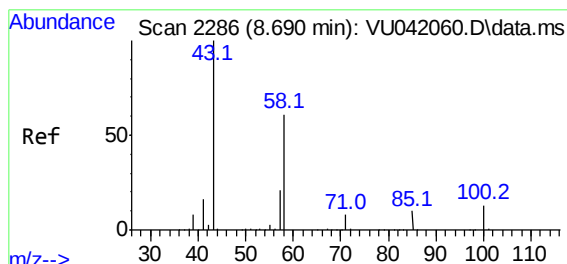
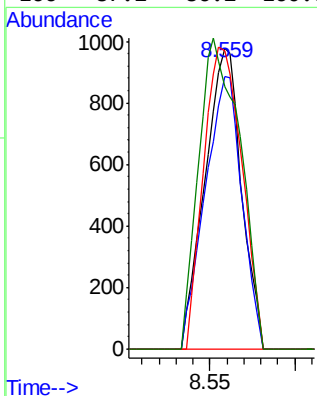
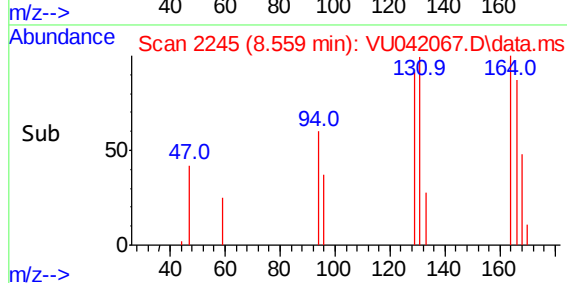
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Tetrachloroethene
Concen: 0.20 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49

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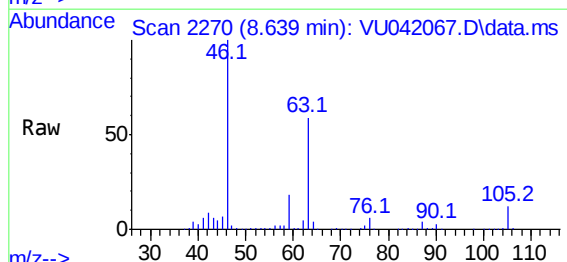


Tgt Ion:164 Resp: 1461

Ion	Ratio	Lower	Upper
164	100		
129	91.0	68.7	127.5
131	99.5	65.2	121.0
166	87.2	86.2	160.0

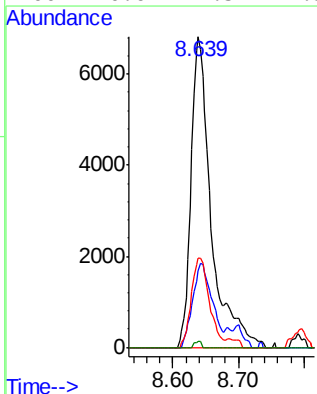
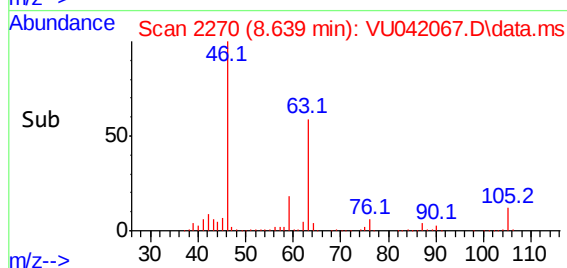


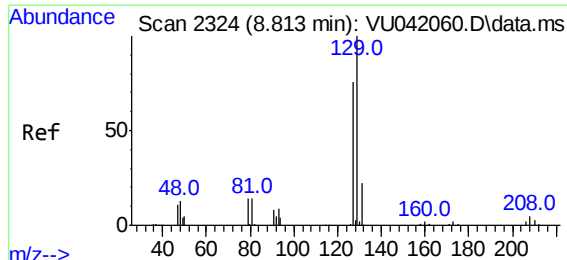
#48
2-Hexanone
Concen: 2.59 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49



Tgt Ion: 43 Resp: 14453

Ion	Ratio	Lower	Upper
43	100		
58	26.5	47.8	71.8#
57	25.8	17.4	26.0
100	0.6	9.5	14.3#





#49

Dibromochloromethane

Concen: 0.24 ug/L

RT: 8.816 min Scan# 2325

Delta R.T. 0.003 min

Lab File: VU042067.D

Acq: 15 Jan 2021 12:49

Tgt Ion: 129 Resp: 2206

Ion Ratio Lower Upper

129 100

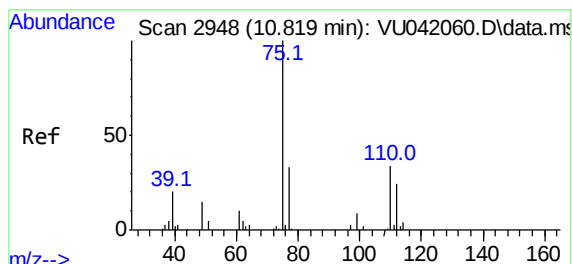
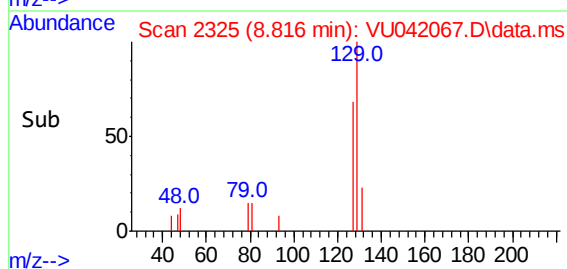
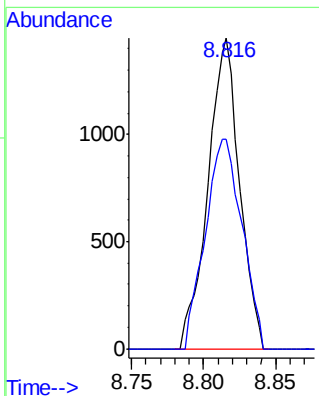
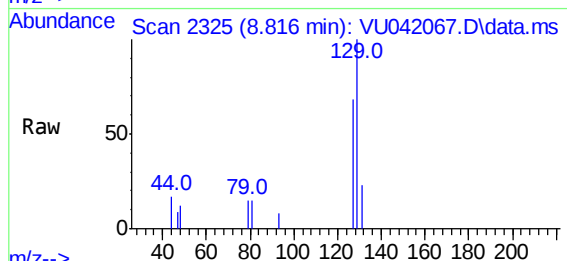
127 67.7 53.7 99.7

Instrument :

MSVOA_U

ClientSampleId :

BFT62DL



#59

1,2,3-Trichloropropane

Concen: 0.89 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU042067.D

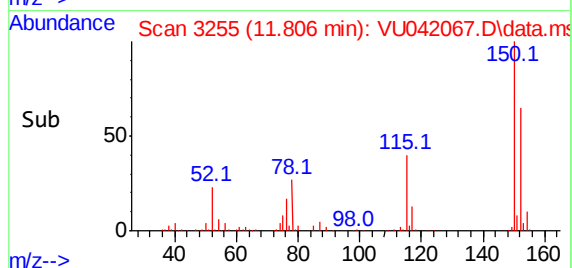
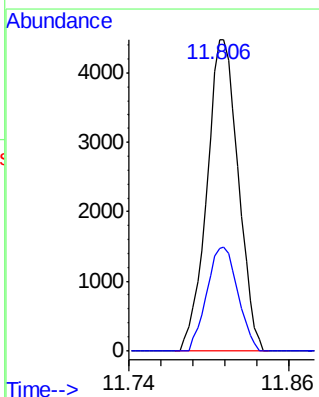
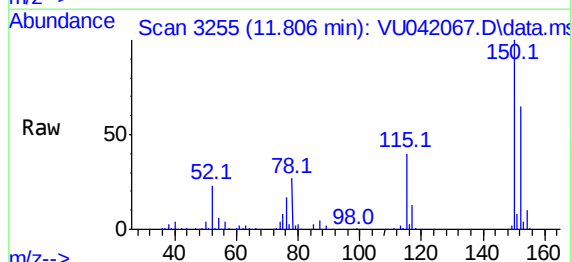
Acq: 15 Jan 2021 12:49

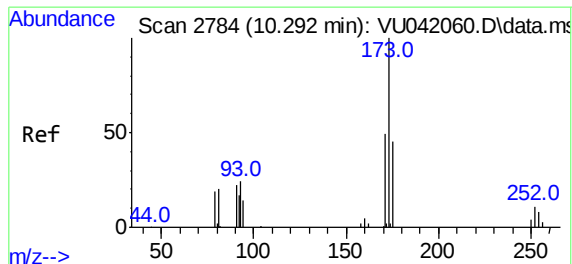
Tgt Ion: 75 Resp: 7021

Ion Ratio Lower Upper

75 100

77 32.8 25.6 38.4

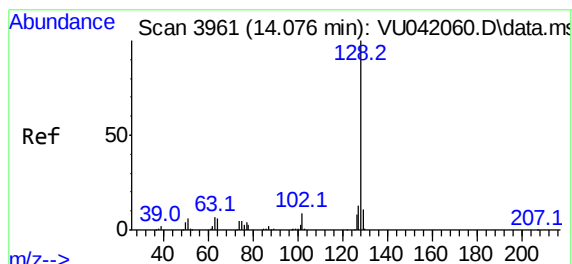
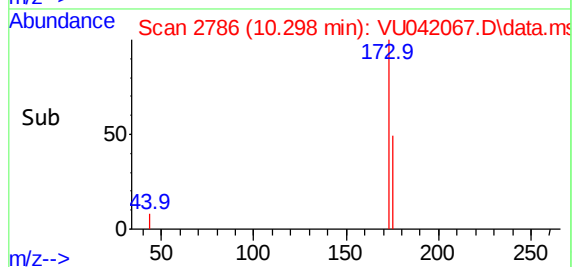
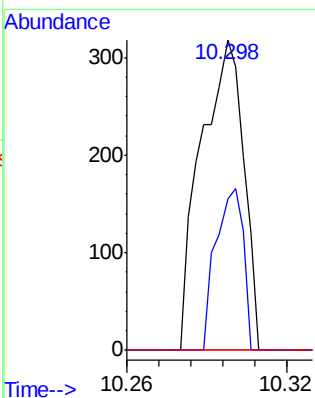
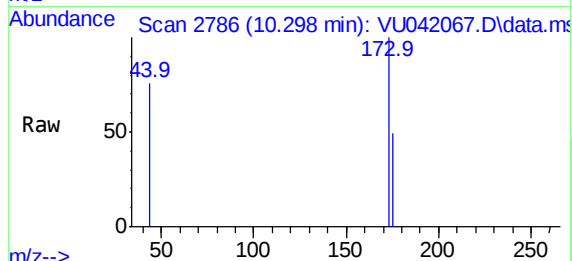




#61
Bromoform
Concen: 0.07 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.006 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :
BFT62DL

Tgt Ion:	173	Resp:	384
Ion	Ratio	Lower	Upper
173	100		
175	33.3	39.1	58.7#
254	0.0	7.2	10.8#



#69
Naphthalene
Concen: 2.26 ug/L
RT: 14.076 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VU042067.D
Acq: 15 Jan 2021 12:49

Tgt Ion:	128	Resp:	44169
Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.7	13.1
127	13.6	10.5	15.7

