

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042072.D
 Acq On : 15 Jan 2021 14:49
 Operator : SY/MD
 Sample : M1065-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN5

Quant Time: Jan 16 01:10:44 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)

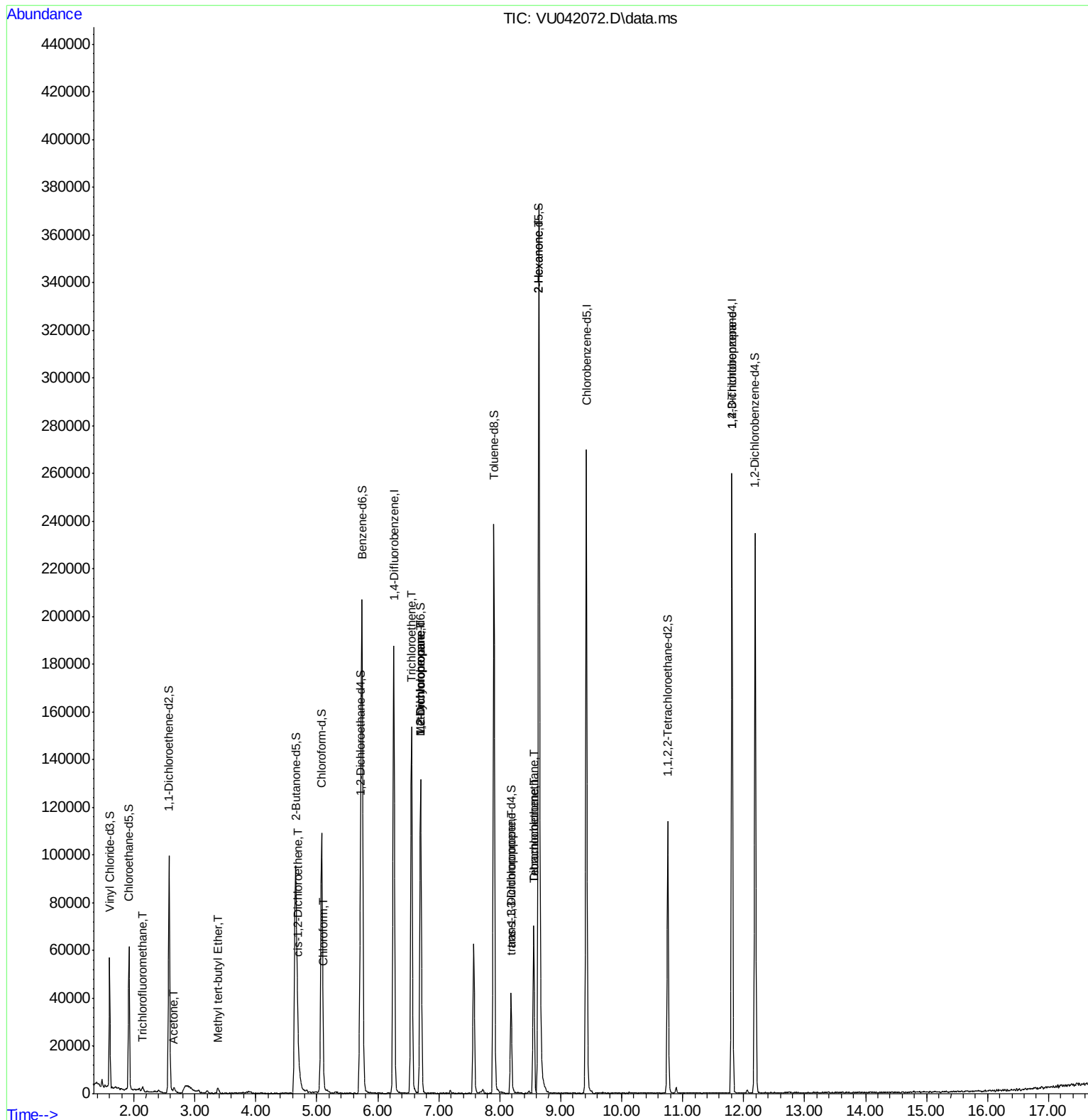
Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	153894	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	154372	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	71086	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36882	3.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.40%
7) Chloroethane-d5	1.919	69	41958	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.575	63	60135	2.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.40%#
20) 2-Butanone-d5	4.652	46	170421	43.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.46%
24) Chloroform-d	5.079	84	102670	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.716	65	57336	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.742	84	192714	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.703	67	65875	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.906	98	162087	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloroprop...	8.185	79	24771	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.642	63	146278	43.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.74%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	58717	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.188	152	62579	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%
Target Compounds						
9) Trichlorofluoromethane	2.147	101	1086	0.05	ug/L	88
13) Acetone	2.652	43	3436	1.41	ug/L	95
17) Methyl tert-butyl Ether	3.375	73	2451	0.08	ug/L #	91
22) cis-1,2-Dichloroethene	4.684	96	1711	0.13	ug/L	73
25) Chloroform	5.102	83	2670	0.11	ug/L	97
34) Trichloroethene	6.552	95	53479	3.74	ug/L	98
35) Methylcyclohexane	6.700	83	14982	0.66	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	7135	0.48	ug/L #	93
44) trans-1,3-Dichloropropene	8.189	75	895	0.05	ug/L	86
47) Tetrachloroethene	8.555	164	15515	1.68	ug/L	95
48) 2-Hexanone	8.642	43	15916	2.30	ug/L #	73
49) Dibromochloromethane	8.558	129	15996	1.40	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	8187	0.84	ug/L	99

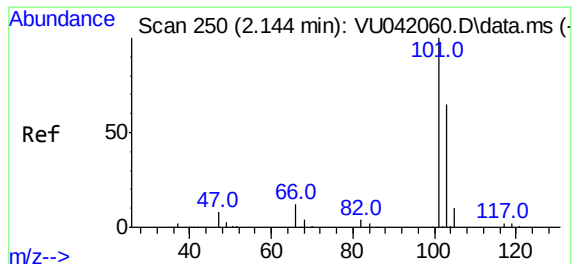
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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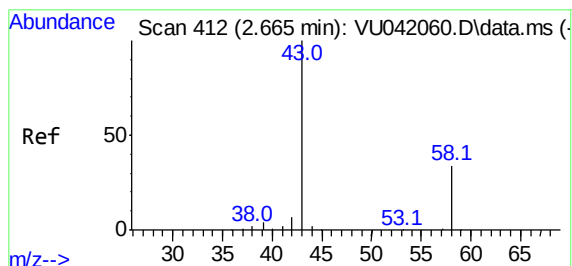
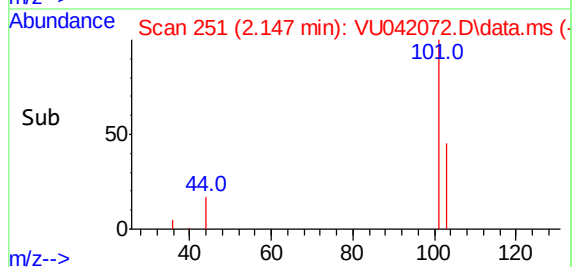
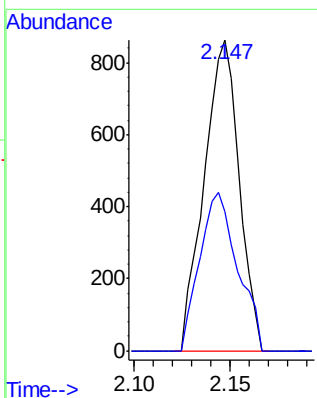
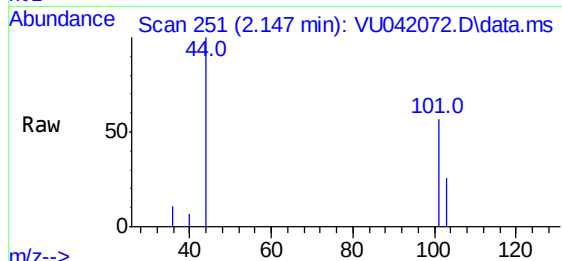




#9
Trichlorofluoromethane
Concen: 0.05 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042072.D
Acq: 15 Jan 2021 14:49

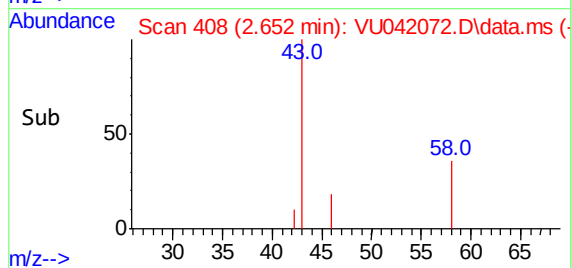
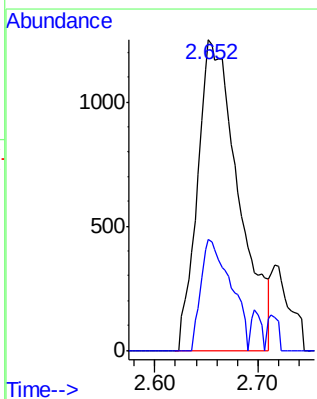
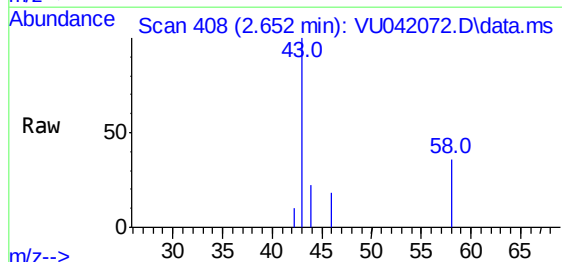
Instrument :
MSVOA_U
ClientSampleId :
BFXN5

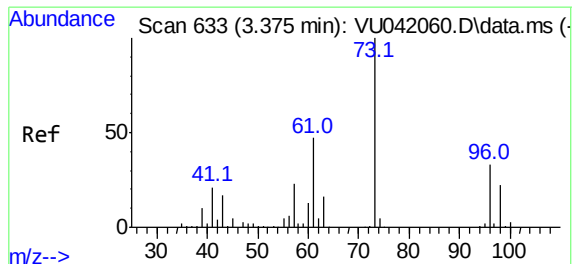
Tgt Ion:101 Resp: 1086
Ion Ratio Lower Upper
101 100
103 55.2 51.6 77.4



#13
Acetone
Concen: 1.41 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.013 min
Lab File: VU042072.D
Acq: 15 Jan 2021 14:49

Tgt Ion: 43 Resp: 3436
Ion Ratio Lower Upper
43 100
58 25.9 0.0 57.4

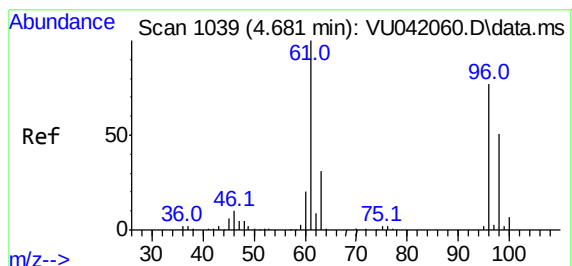
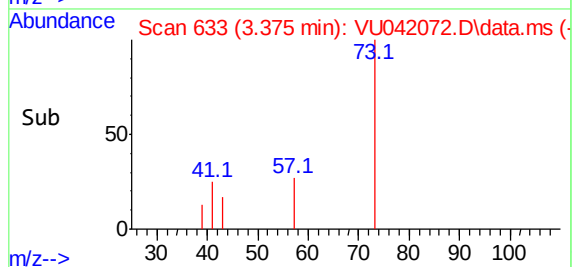
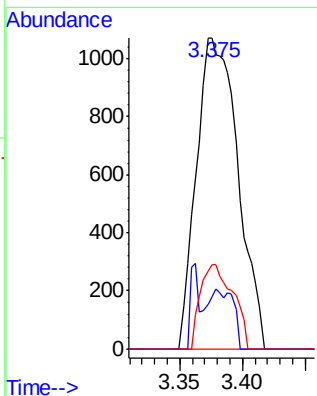
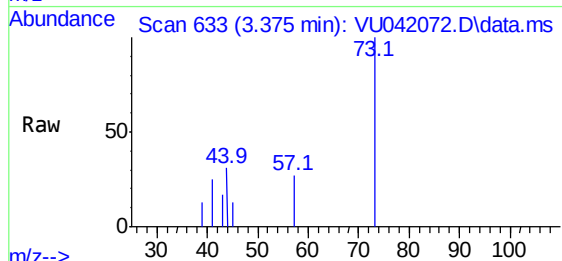




#17
Methyl tert-butyl Ether
Concen: 0.08 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU042072.D
Acq: 15 Jan 2021 14:49

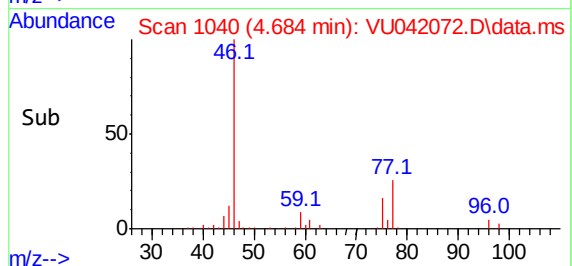
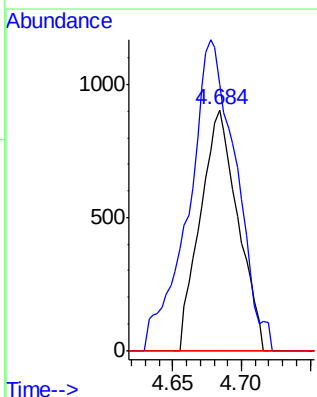
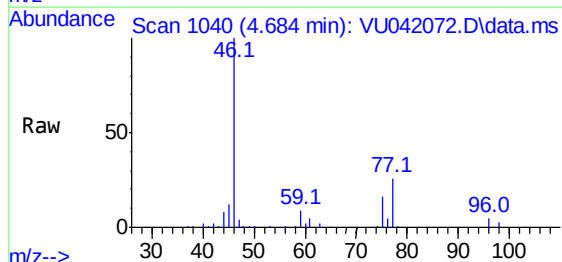
Instrument :
MSVOA_U
ClientSampleId :
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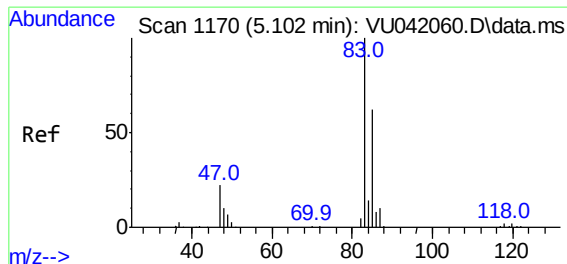
Tgt Ion: 73 Resp: 2451
Ion Ratio Lower Upper
73 100
43 11.2 15.1 22.7#
57 21.3 18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 0.13 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU042072.D
Acq: 15 Jan 2021 14:49

Tgt Ion: 96 Resp: 1711
Ion Ratio Lower Upper
96 100
61 110.5 100.3 186.3
68 0.0 0.0 0.0

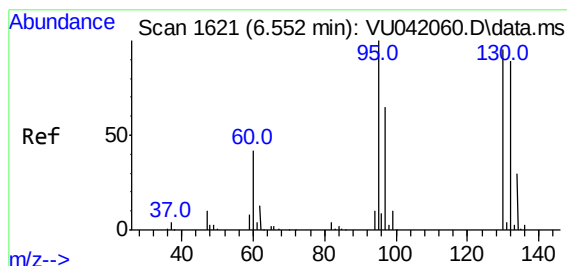
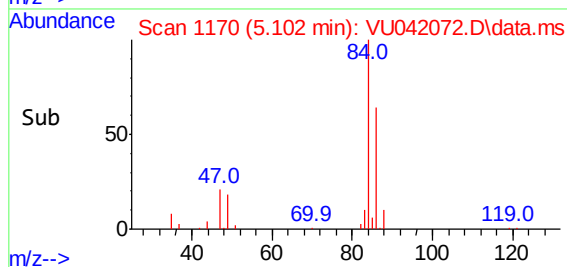
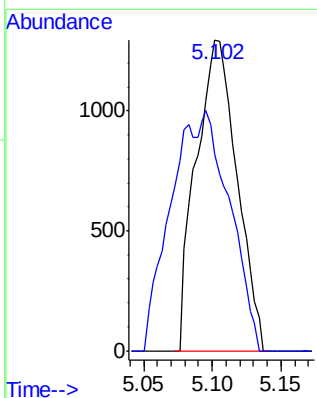
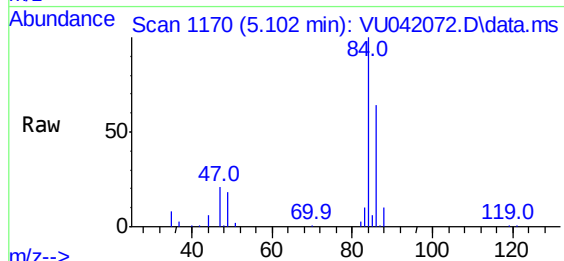




#25
Chloroform
Concen: 0.11 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU042072.D
Acq: 15 Jan 2021 14:49

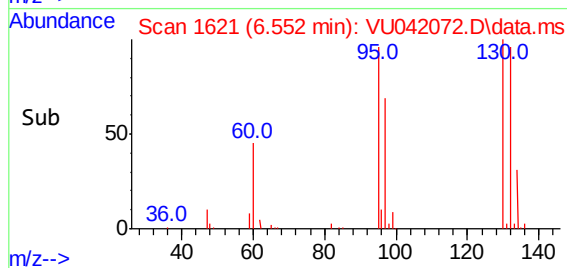
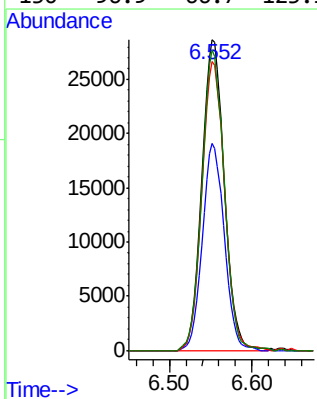
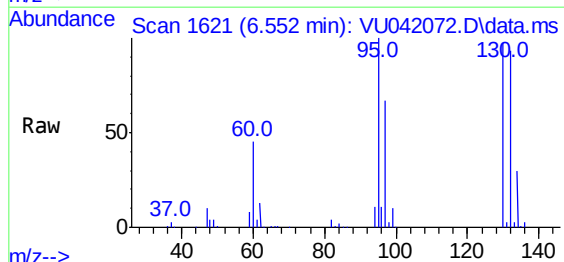
Instrument :
MSVOA_U
ClientSampleId :
BFXN5

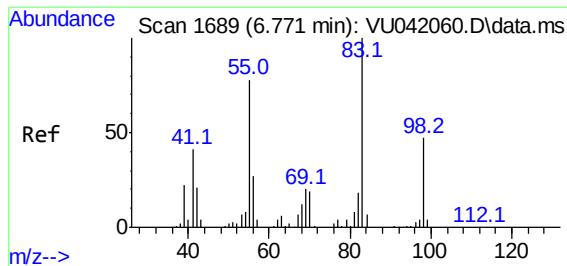
Tgt Ion: 83 Resp: 2670
Ion Ratio Lower Upper
83 100
85 63.5 46.1 85.7



#34
Trichloroethene
Concen: 3.74 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042072.D
Acq: 15 Jan 2021 14:49

Tgt Ion: 95 Resp: 53479
Ion Ratio Lower Upper
95 100
97 66.8 43.6 81.0
132 92.9 64.3 119.3
130 96.9 66.7 123.9

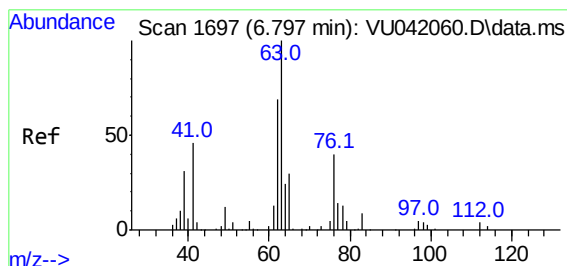
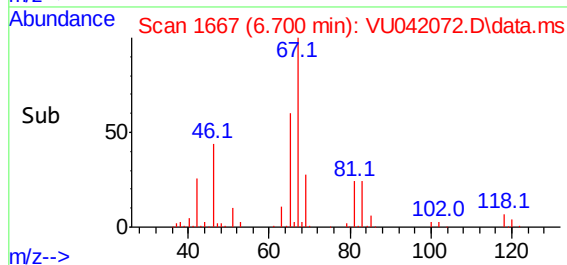
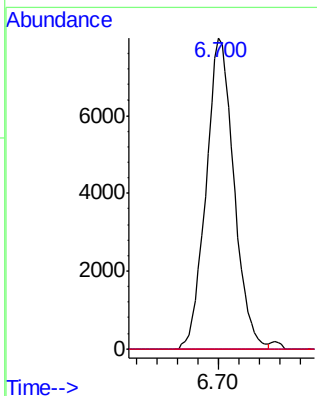
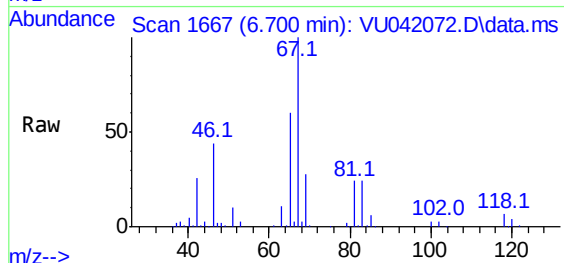




#35
Methylcyclohexane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042072.D
Acq: 15 Jan 2021 14:49

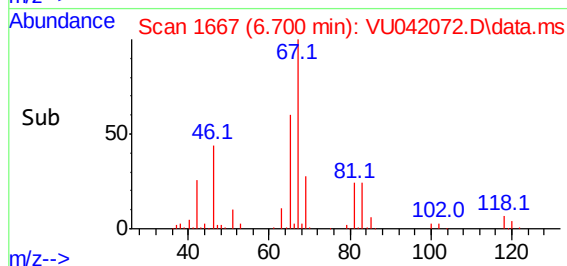
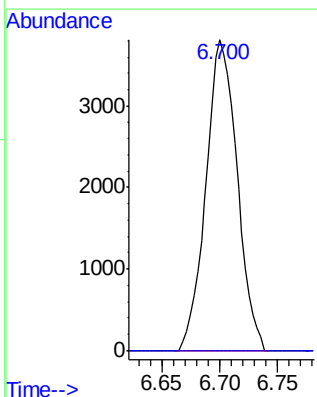
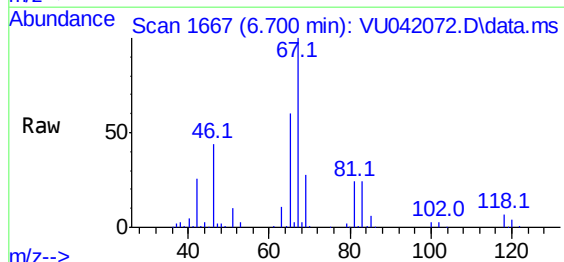
Instrument :
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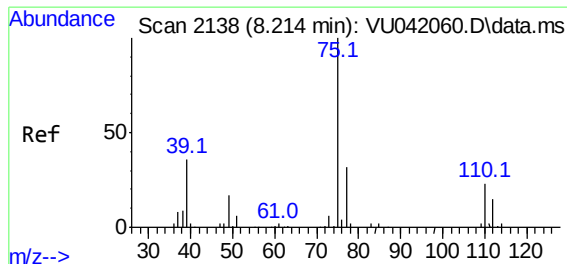
Tgt Ion: 83 Resp: 14982
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.0 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.48 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.097 min
Lab File: VU042072.D
Acq: 15 Jan 2021 14:49

Tgt Ion: 63 Resp: 7135
Ion Ratio Lower Upper
63 100
112 1.0 2.7 4.1#



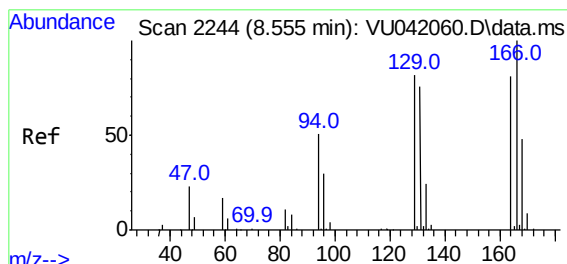
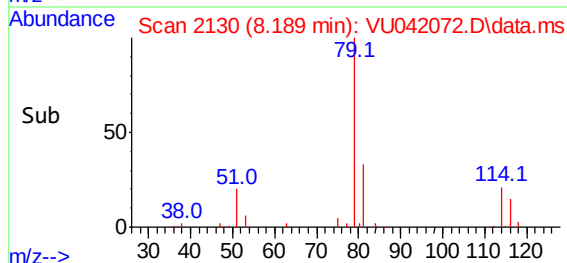
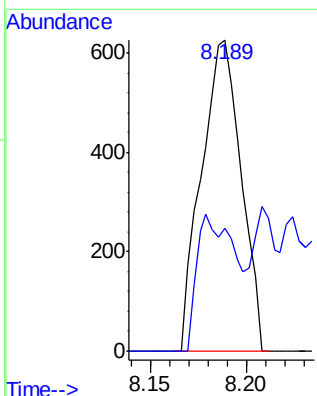
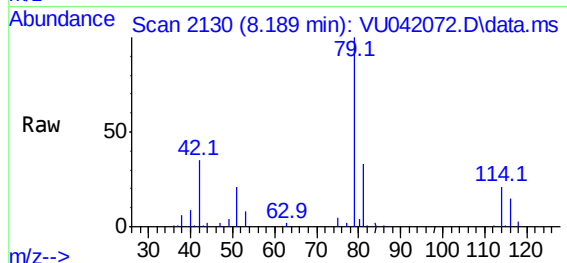


#44

trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.026 min
Lab File: VU042072.D
Acq: 15 Jan 2021 14:49

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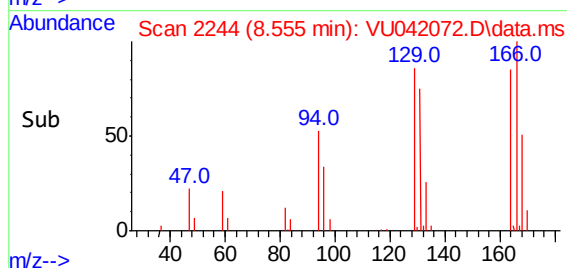
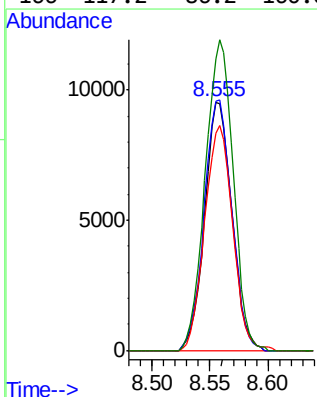
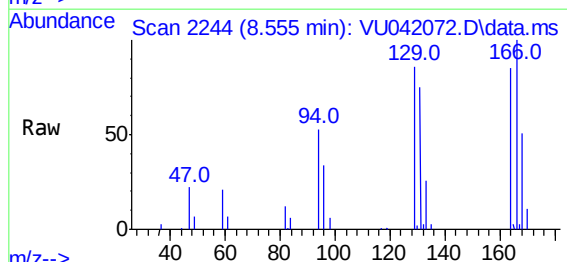
Tgt Ion: 75 Resp: 895
Ion Ratio Lower Upper
75 100
77 39.2 22.0 41.0

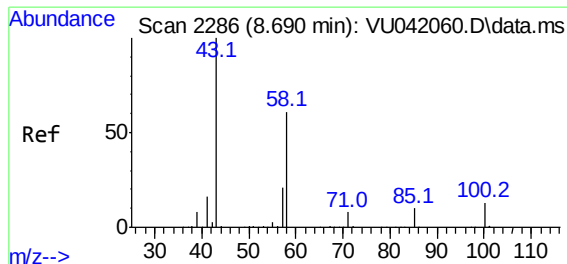


#47

Tetrachloroethene
Concen: 1.68 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU042072.D
Acq: 15 Jan 2021 14:49

Tgt Ion: 164 Resp: 15515
Ion Ratio Lower Upper
164 100
129 100.5 68.7 127.5
131 87.5 65.2 121.0
166 117.2 86.2 160.0



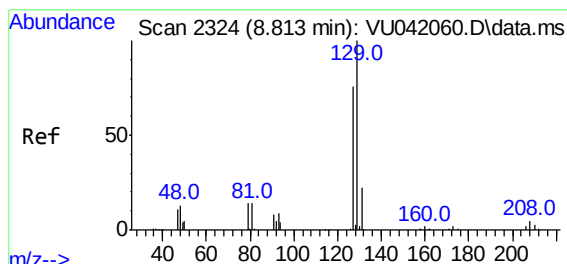
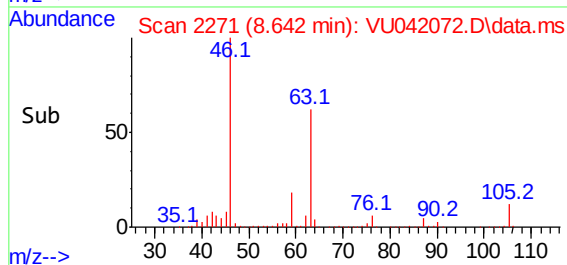
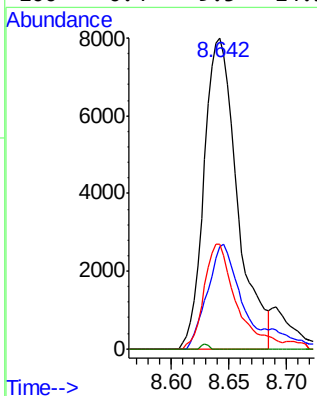
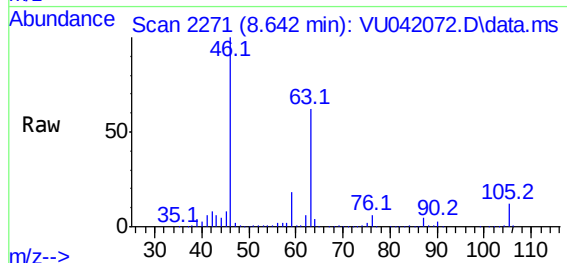


#48
2-Hexanone
Concen: 2.30 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042072.D
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Tgt Ion: 43 Resp: 15916

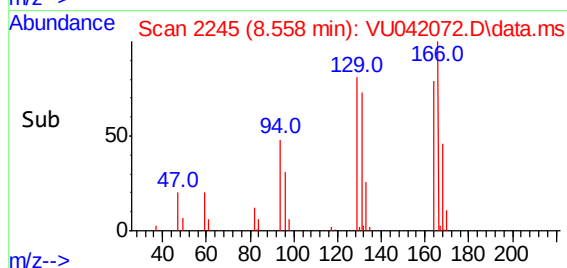
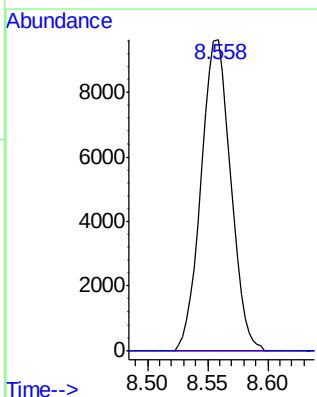
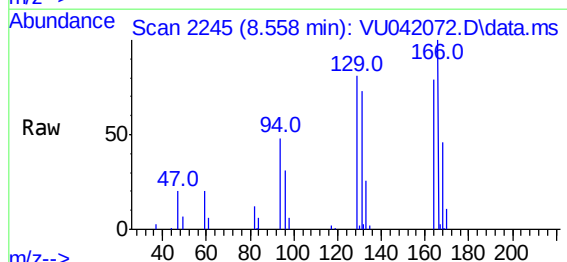
Ion	Ratio	Lower	Upper
43	100		
58	38.6	47.8	71.8#
57	33.0	17.4	26.0#
100	0.4	9.5	14.3#

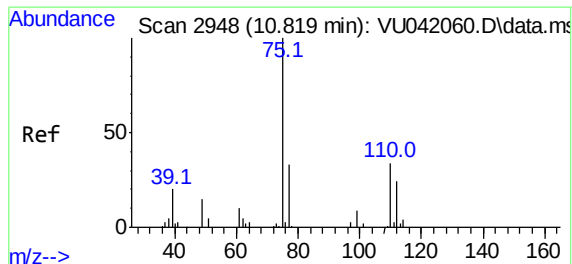


#49
Dibromochloromethane
Concen: 1.40 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042072.D
Acq: 15 Jan 2021 14:49

Tgt Ion: 129 Resp: 15996

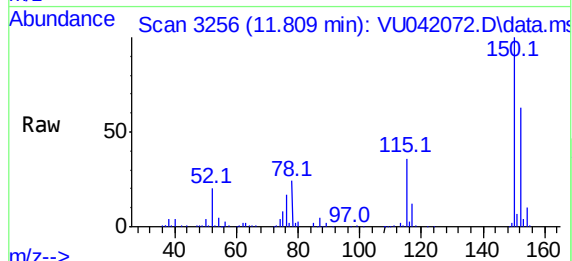
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.84 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.990 min
 Lab File: VU042072.D
 Acq: 15 Jan 2021 14:49

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN5



Tgt Ion: 75 Resp: 8187
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.6 38.4

