

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051721\
 Data File : VU043800.D
 Acq On : 17 May 2021 19:01
 Operator : SY/MD
 Sample : M2396-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 18 03:12:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

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

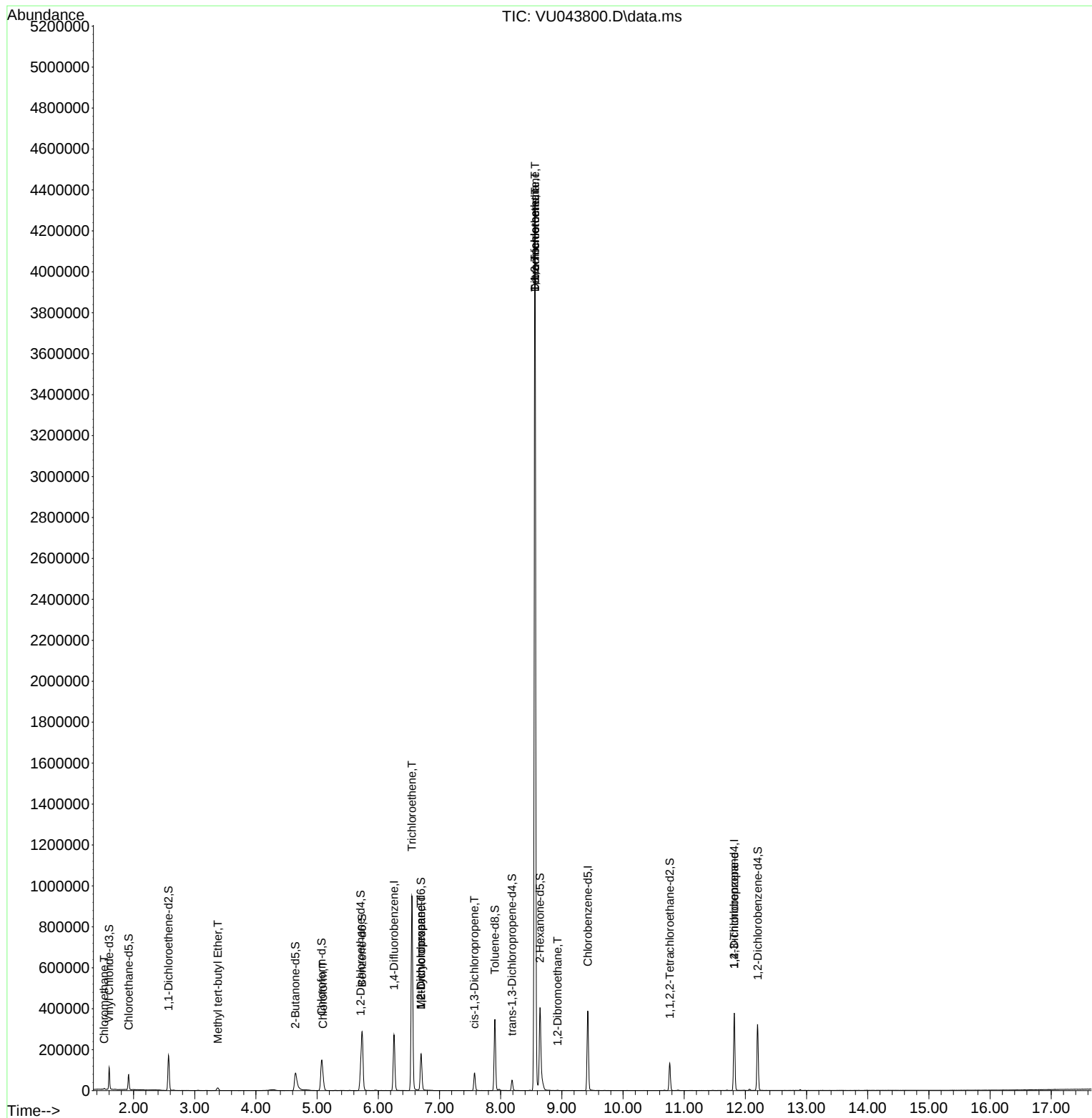
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	225344	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	225849	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	104795	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	73983	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.919	69	53026	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.572	65	31674	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.646	46	170613	54.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.00%
24) Chloroform-d	5.073	84	132341	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.713	65	67933	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.736	84	277248	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.700	67	89374	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.906	98	236876	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloroprop...	8.186	79	29836	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.642	63	152616	49.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.86%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	68217	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
66) 1,2-Dichlorobenzene-d4	12.202	152	89750	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2897	0.15	ug/L	97
17) Methyl tert-butyl Ether	3.379	73	14244	0.42	ug/L	99
25) Chloroform	5.096	83	40182	1.44	ug/L	100
34) Trichloroethene	6.549	95	327081	19.51	ug/L	96
35) Methylcyclohexane	6.700	83	19864	0.76	ug/L #	24
37) 1,2-Dichloropropane	6.700	63	8935	0.52	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1971	0.09	ug/L #	41
45) 1,1,2-Trichloroethane	8.559	97	7352	0.60	ug/L #	1
47) Tetrachloroethene	8.562	164	1026829	75.79	ug/L	98
49) Dibromochloromethane	8.562	129	938133	68.47	ug/L #	11
50) 1,2-Dibromoethane	8.928	107	1040	0.09	ug/L #	95
61) 1,2,3-Trichloropropane	11.819	75	11494	1.15	ug/L #	69

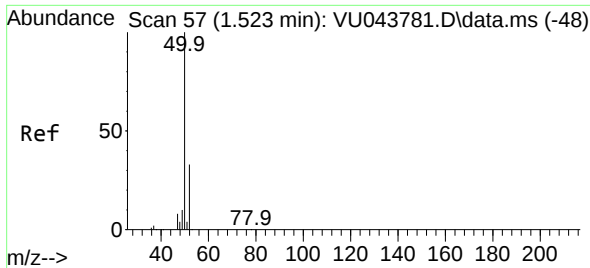
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

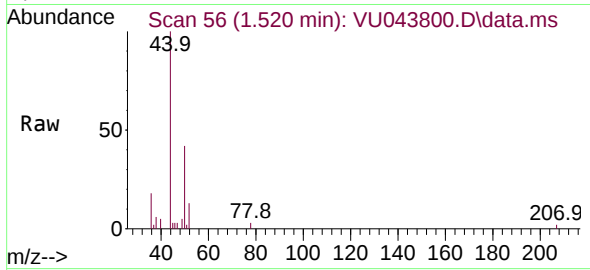
Quant Time: May 18 03:12:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 15 00:49:19 2021
Response via : Initial Calibration



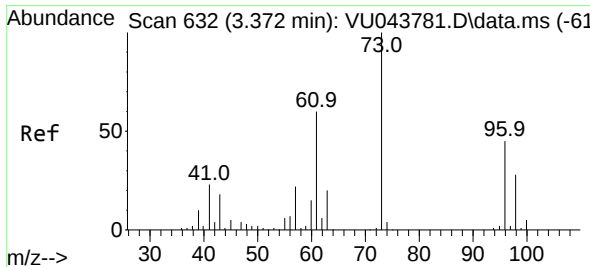
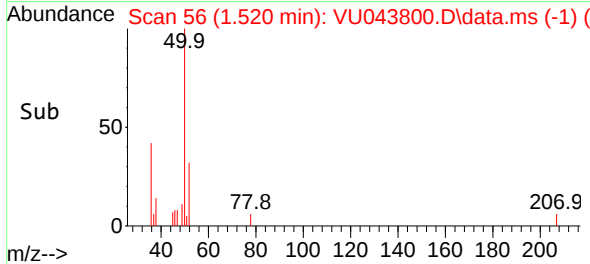
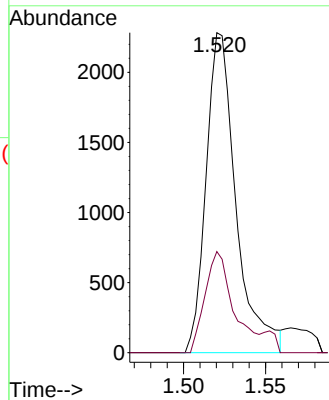


#3
Chloromethane
Concen: 0.15 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043800.D
Acq: 17 May 2021 19:01

Instrument :
MSVOA_U
ClientSampled :

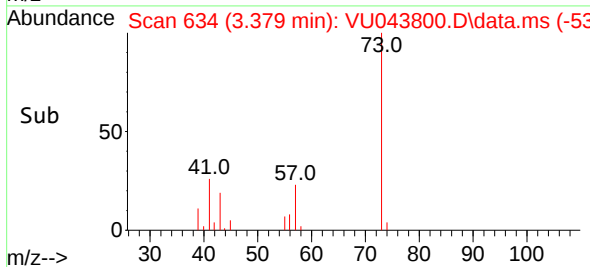
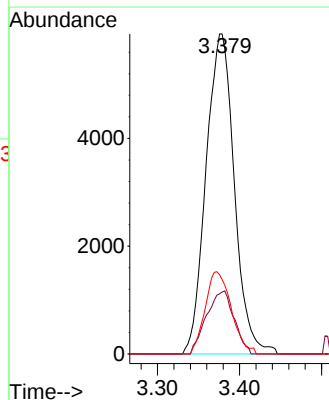
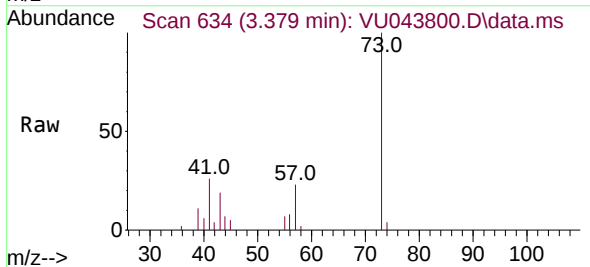


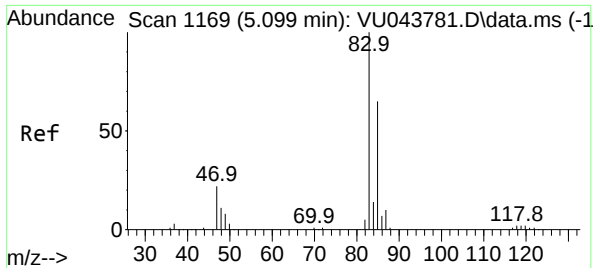
Tgt Ion: 50 Resp: 2897
Ion Ratio Lower Upper
50 100
52 31.6 23.2 43.2



#17
Methyl tert-butyl Ether
Concen: 0.42 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.007 min
Lab File: VU043800.D
Acq: 17 May 2021 19:01

Tgt Ion: 73 Resp: 14244
Ion Ratio Lower Upper
73 100
43 19.2 15.0 22.4
57 23.7 18.6 27.8

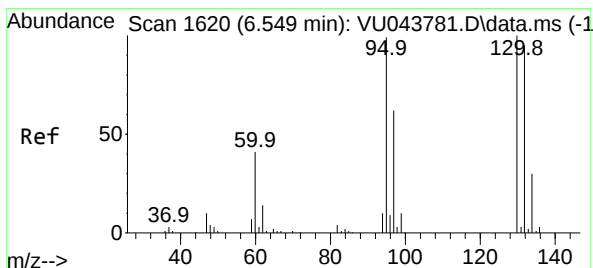
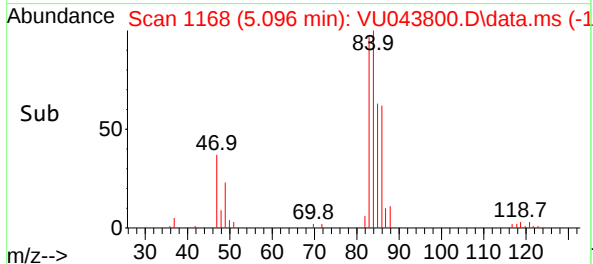
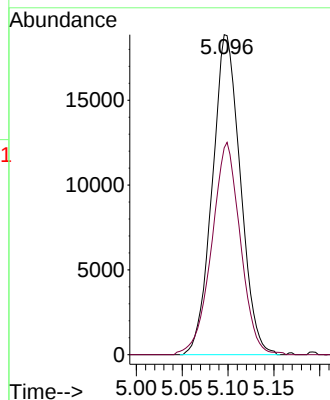
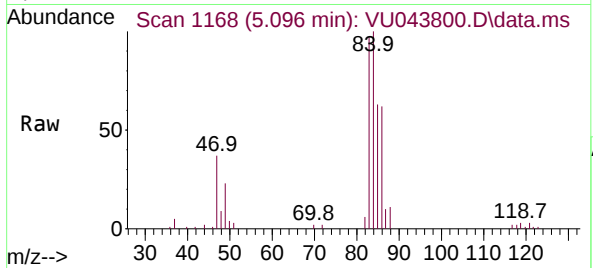




#25
Chloroform
Concen: 1.44 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043800.D
Acq: 17 May 2021 19:01

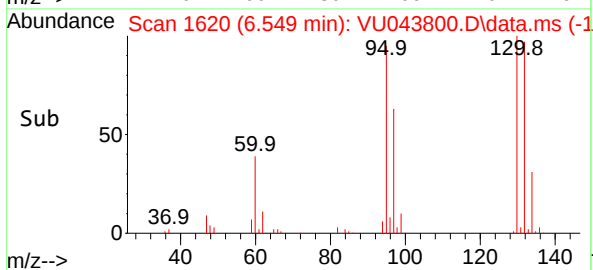
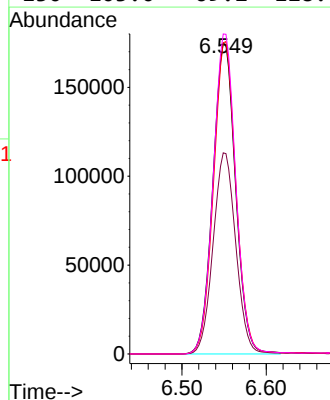
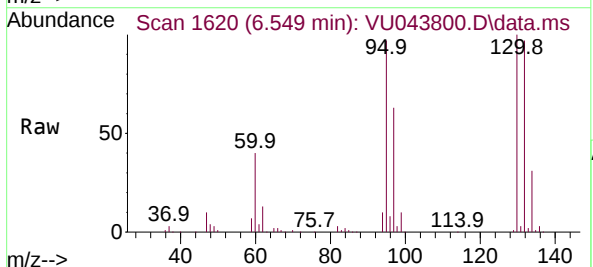
Instrument :
MSVOA_U
ClientSampleId :

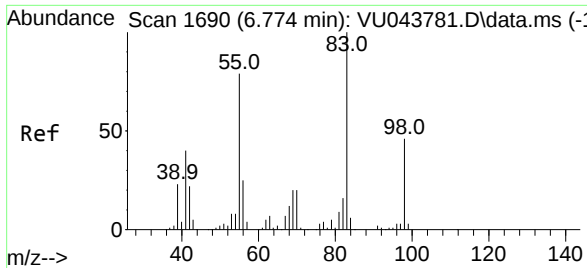
Tgt Ion: 83 Resp: 40182
Ion Ratio Lower Upper
83 100
85 64.7 45.0 83.6



#34
Trichloroethene
Concen: 19.51 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043800.D
Acq: 17 May 2021 19:01

Tgt Ion: 95 Resp: 327081
Ion Ratio Lower Upper
95 100
97 64.8 44.3 82.3
132 100.2 66.0 122.6
130 103.0 69.2 128.6

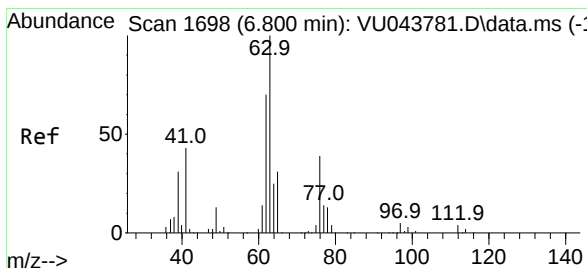
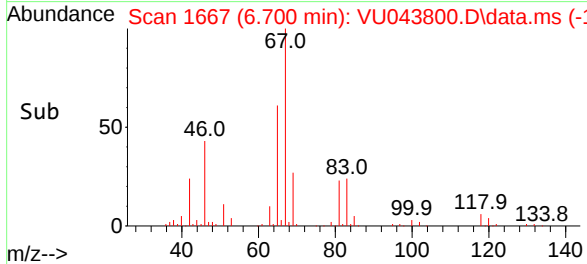
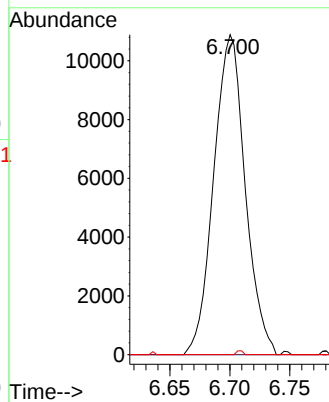
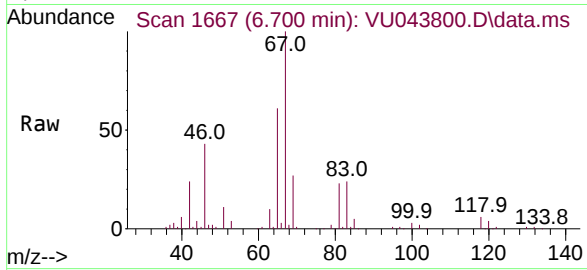




#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043800.D
Acq: 17 May 2021 19:01

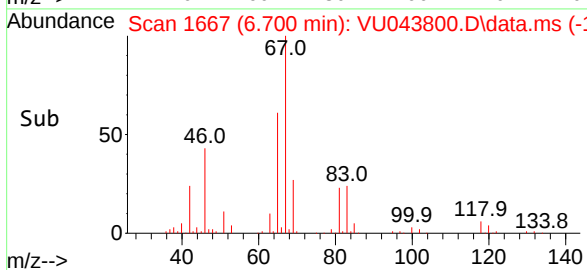
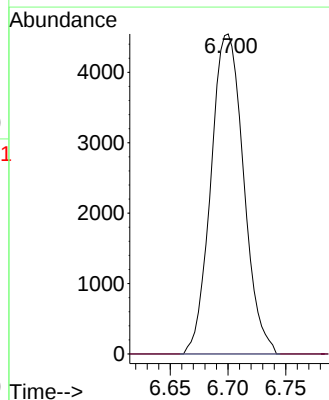
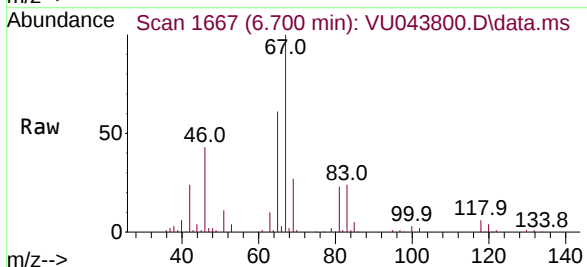
Instrument :
MSVOA_U
ClientSampled :

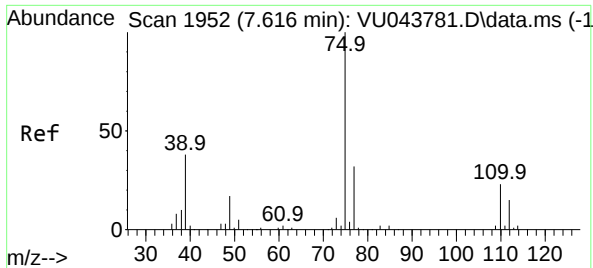
Tgt Ion: 83 Resp: 19864
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 12.6 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043800.D
Acq: 17 May 2021 19:01

Tgt Ion: 63 Resp: 8935
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

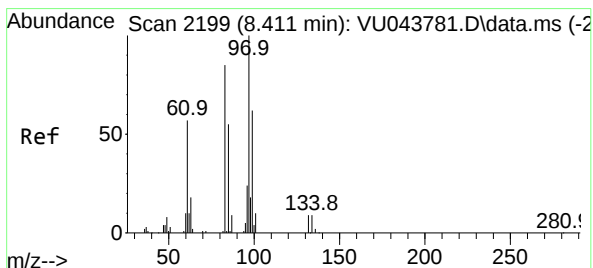
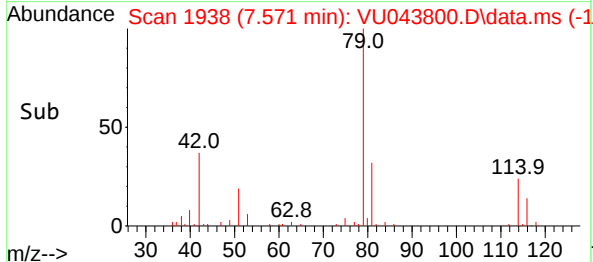
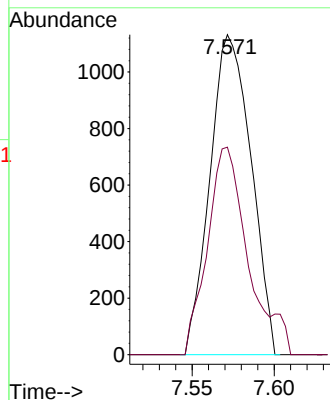
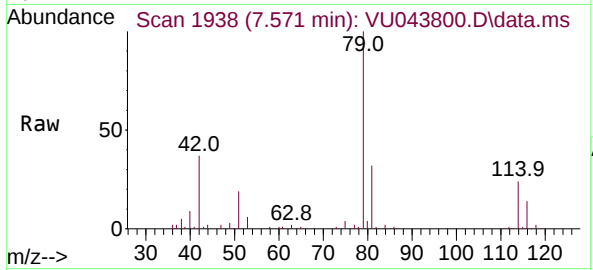




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043800.D
Acq: 17 May 2021 19:01

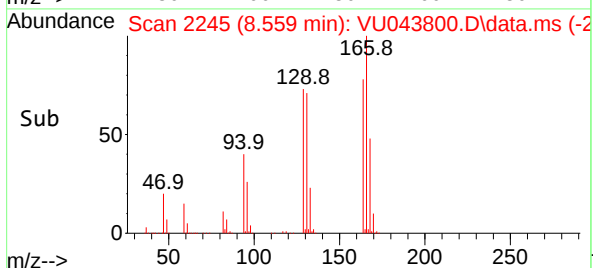
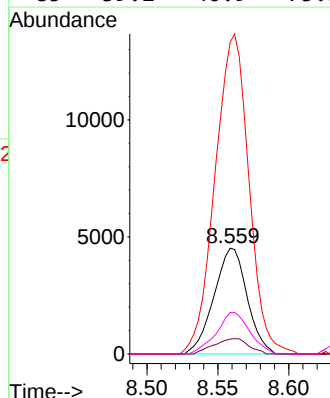
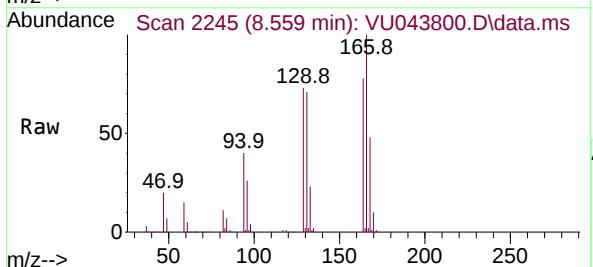
Instrument :
MSVOA_U
ClientSampled :

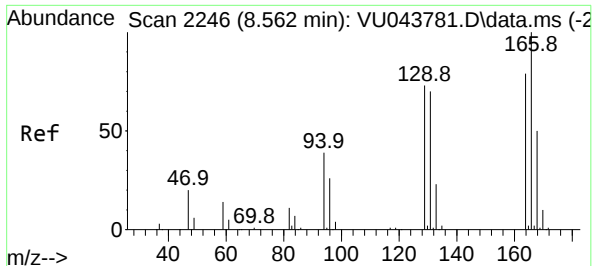
Tgt Ion: 75 Resp: 1971
Ion Ratio Lower Upper
75 100
77 64.8 22.5 41.7#



#45
1,1,2-Trichloroethane
Concen: 0.60 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU043800.D
Acq: 17 May 2021 19:01

Tgt Ion: 97 Resp: 7352
Ion Ratio Lower Upper
97 100
99 14.0 43.8 81.4#
83 294.7 62.5 116.1#
85 39.2 40.9 75.9#





#47

Tetrachloroethene

Concen: 75.79 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.003 min

Lab File: VU043800.D

Acq: 17 May 2021 19:01

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:164 Resp: 1026829

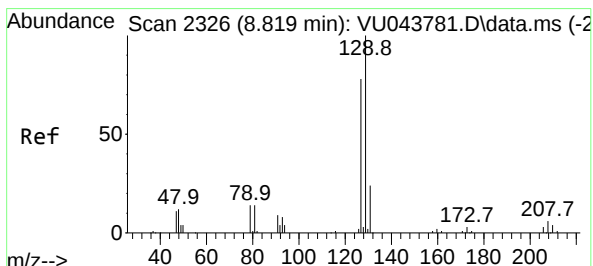
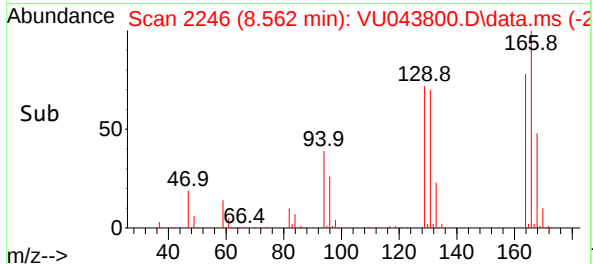
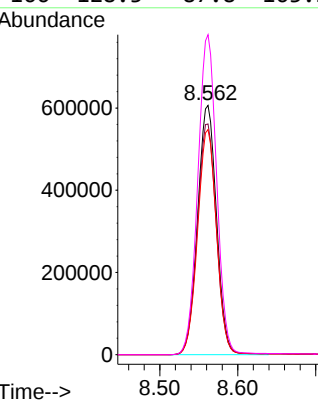
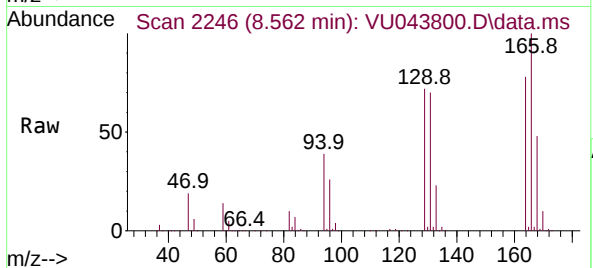
Ion Ratio Lower Upper

164 100

129 92.5 64.1 119.1

131 90.3 61.2 113.8

166 128.3 87.8 163.2



#49

Dibromochloromethane

Concen: 68.47 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.254 min

Lab File: VU043800.D

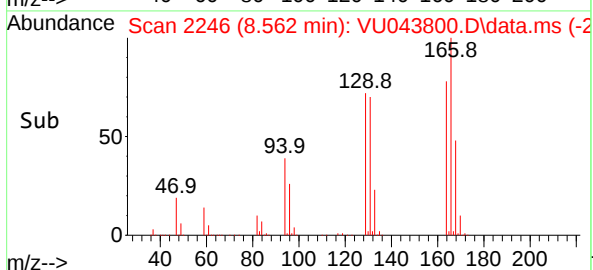
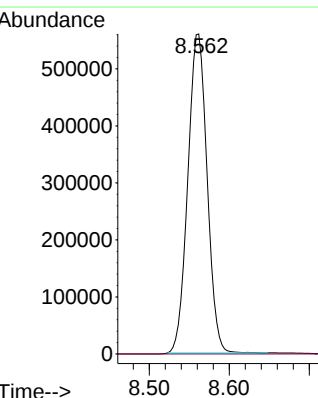
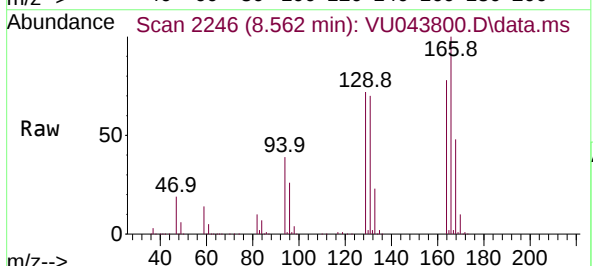
Acq: 17 May 2021 19:01

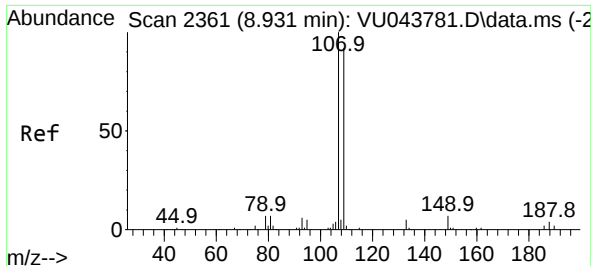
Tgt Ion:129 Resp: 938133

Ion Ratio Lower Upper

129 100

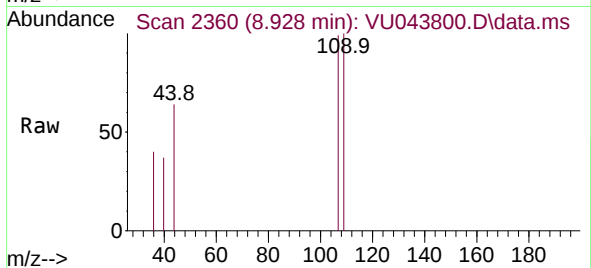
127 0.0 53.4 99.2#



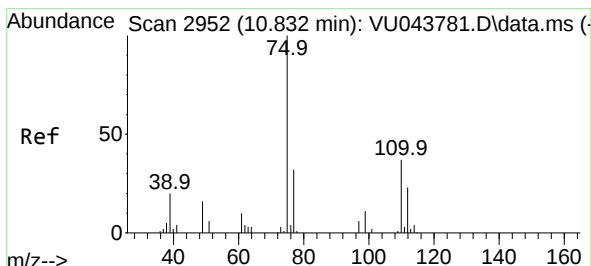
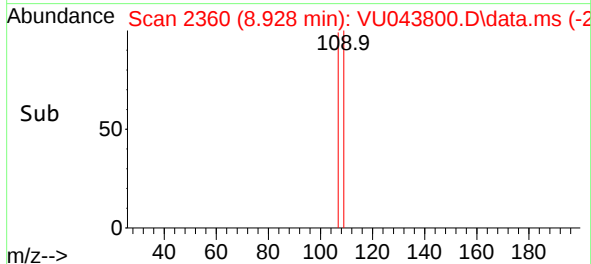
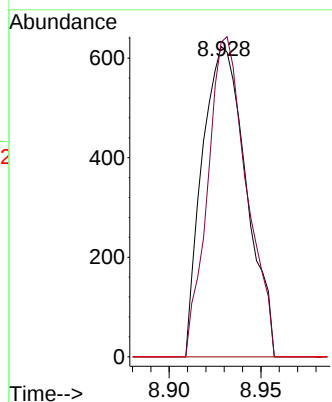


#50
 1,2-Dibromoethane
 Concen: 0.09 ug/L
 RT: 8.928 min Scan# 2360
 Delta R.T. -0.003 min
 Lab File: VU043800.D
 Acq: 17 May 2021 19:01

Instrument :
 MSVOA_U
 ClientSampled :



Tgt Ion:107 Resp: 1040
 Ion Ratio Lower Upper
 107 100
 109 101.4 67.7 125.7
 188 0.0 3.3 4.9#



#61
 1,2,3-Trichloropropane
 Concen: 1.15 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043800.D
 Acq: 17 May 2021 19:01

Tgt Ion: 75 Resp: 11494
 Ion Ratio Lower Upper
 75 100
 110 1.8 27.9 41.9#
 77 30.6 25.9 38.9

