

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043890.D
 Acq On : 21 May 2021 15:34
 Operator : SY/MD
 Sample : M2459-07 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GM7

Quant Time: May 22 00:53:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 22 00:45:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	201732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	208748	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	93909	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53351	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.919	69	40723	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.575	65	25930	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	4.645	46	169153	59.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.62%
24) Chloroform-d	5.073	84	121735	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.713	65	62677	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.735	84	240029	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.700	67	80869	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.906	98	196229	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloroprop...	8.186	79	27154	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.645	63	136595	48.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.70%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	68972	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	81388	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

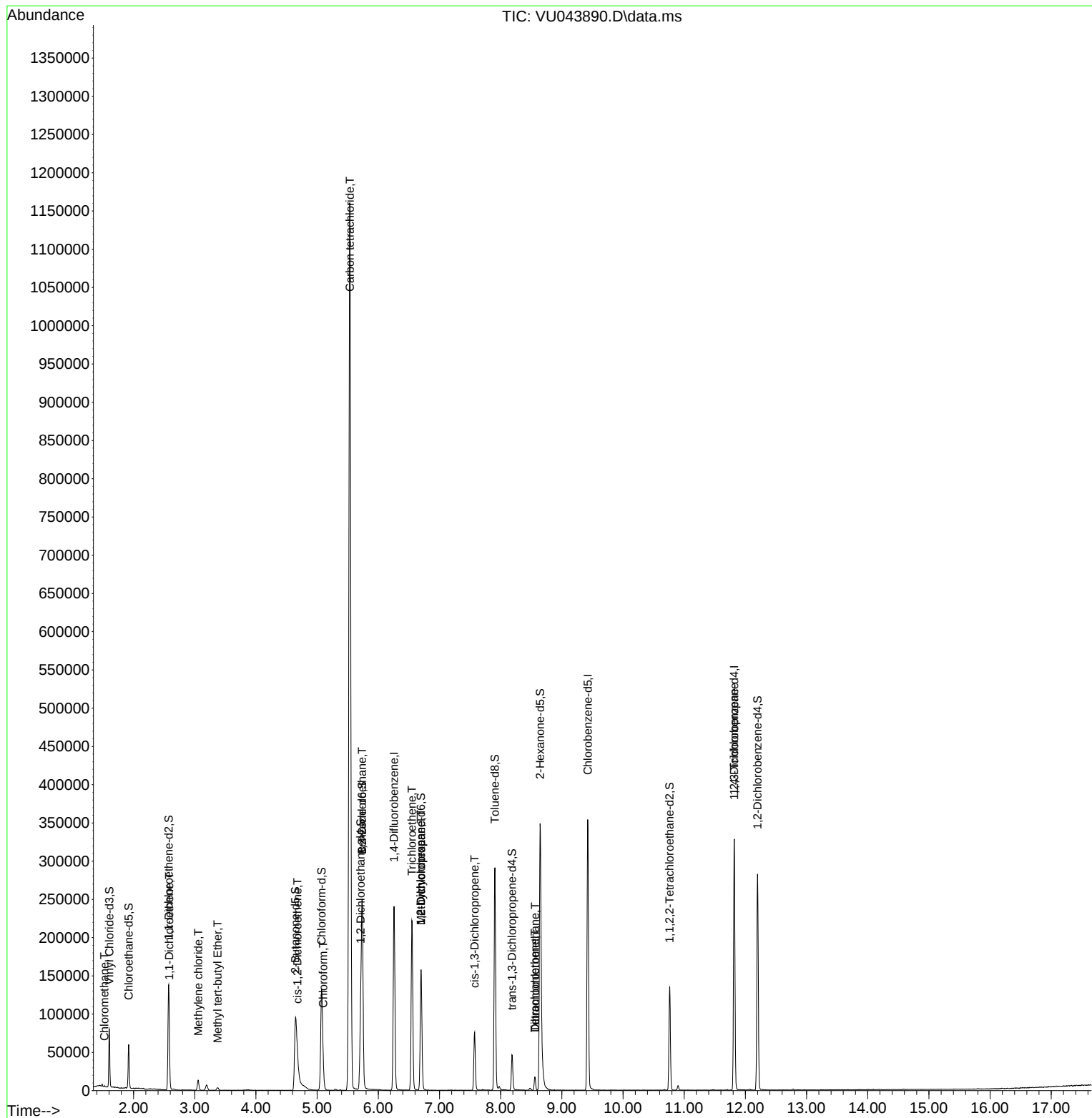
Target Compounds					Qvalue
3) Chloromethane	1.523	50	1549	0.09	ug/L 96
12) 1,1-Dichloroethene	2.584	96	1132	0.09	ug/L # 1
16) Methylene chloride	3.057	84	6388	0.32	ug/L 93
17) Methyl tert-butyl Ether	3.372	73	3195	0.11	ug/L 94
22) cis-1,2-Dichloroethene	4.678	96	5846	0.40	ug/L 91
25) Chloroform	5.099	83	18941	0.76	ug/L 99
27) 1,2-Dichloroethane	5.735	62	1170	0.08	ug/L # 74
31) Carbon tetrachloride	5.536	117	809903	44.54	ug/L 99
34) Trichloroethene	6.549	95	76953	4.97	ug/L 96
35) Methylcyclohexane	6.700	83	18129	0.75	ug/L # 26
37) 1,2-Dichloropropane	6.700	63	8148	0.52	ug/L # 88
39) cis-1,3-Dichloropropene	7.575	75	1784	0.09	ug/L # 62
47) Tetrachloroethene	8.559	164	4328	0.35	ug/L 95
49) Dibromochloromethane	8.562	129	3697	0.29	ug/L # 11
61) 1,2,3-Trichloropropane	11.816	75	9842	1.10	ug/L # 70

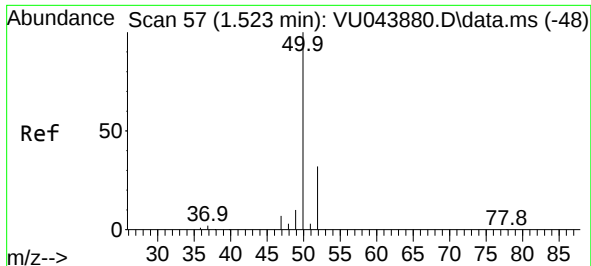
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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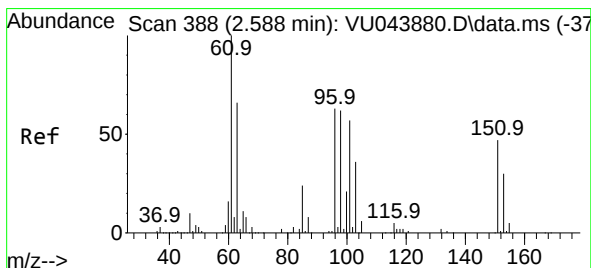
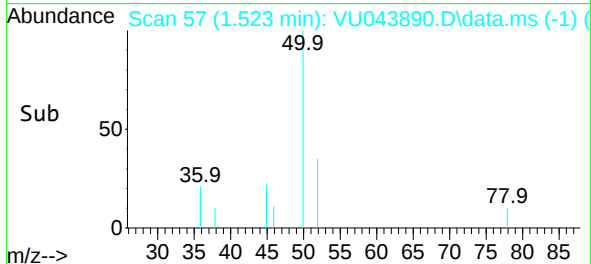
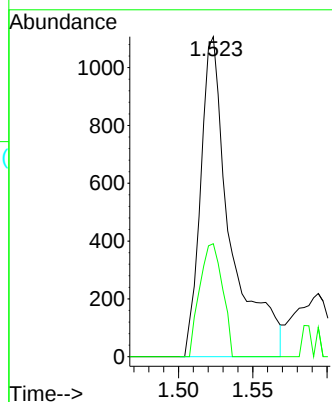
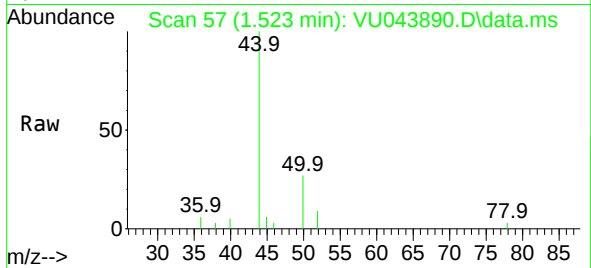




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

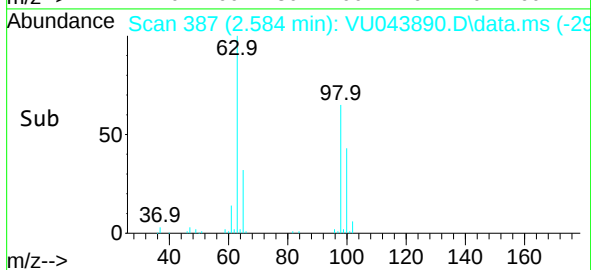
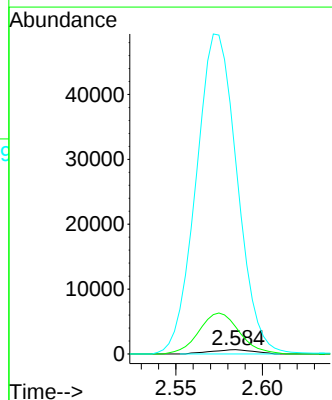
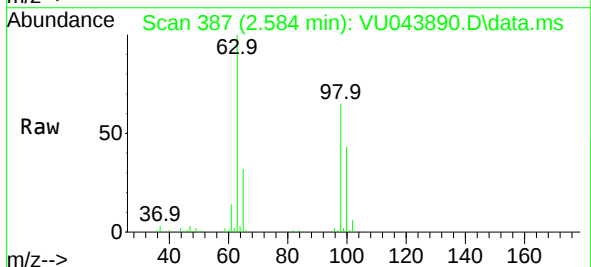
Instrument :
MSVOA_U
ClientSampled :
C0GM7

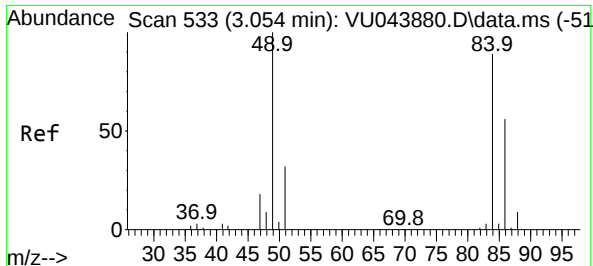
Tgt Ion: 50 Resp: 1549
Ion Ratio Lower Upper
50 100
52 35.3 23.2 43.2



#12
1,1-Dichloroethene
Concen: 0.09 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Tgt Ion: 96 Resp: 1132
Ion Ratio Lower Upper
96 100
61 631.1 117.5 218.1#
63 4524.9 77.3 143.7#



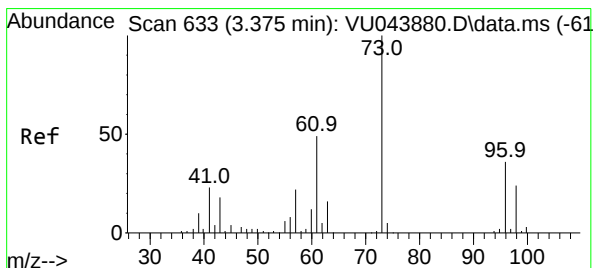
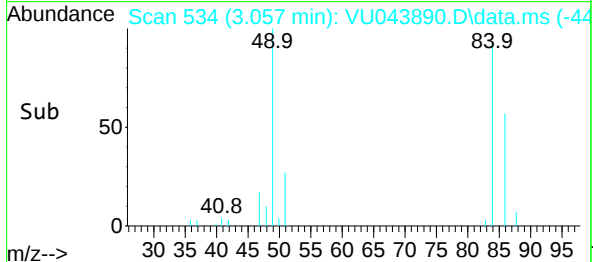
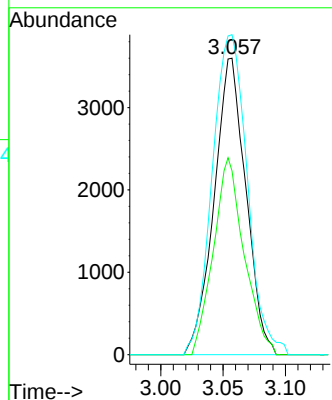
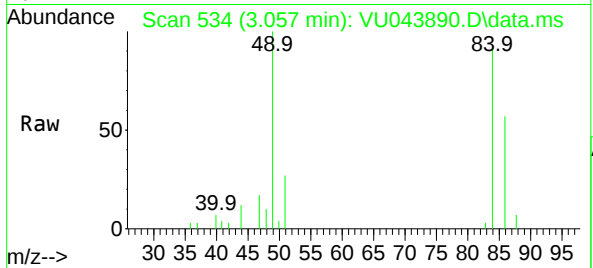


#16
Methylene chloride
Concen: 0.32 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Instrument :
MSVOA_U
ClientSampleId :
C0GM7

Tgt Ion: 84 Resp: 6388

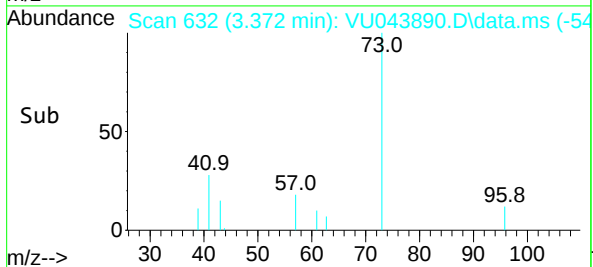
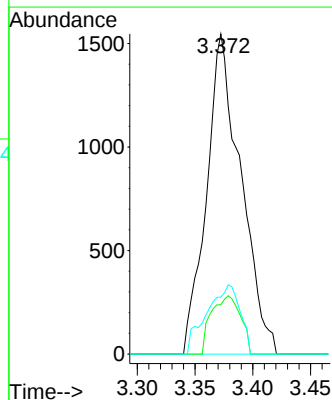
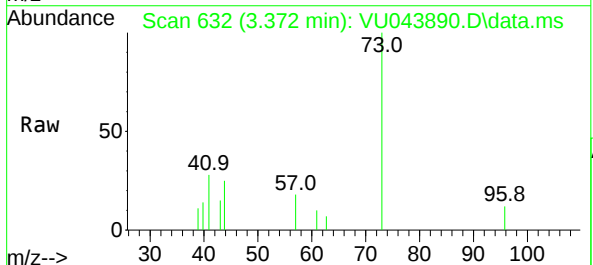
Ion	Ratio	Lower	Upper
84	100		
86	61.9	44.7	82.9
49	107.9	83.1	154.3

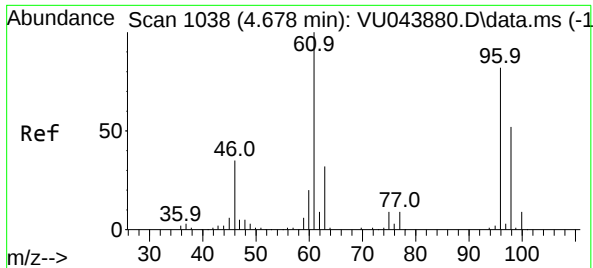


#17
Methyl tert-butyl Ether
Concen: 0.11 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Tgt Ion: 73 Resp: 3195

Ion	Ratio	Lower	Upper
73	100		
43	15.4	15.0	22.4
57	21.0	18.6	27.8

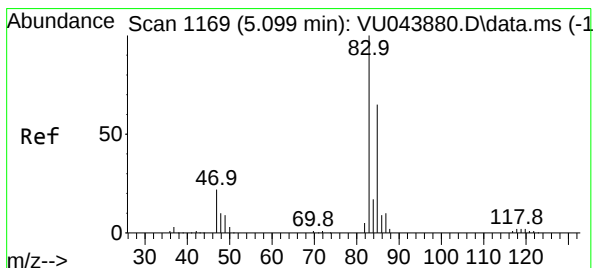
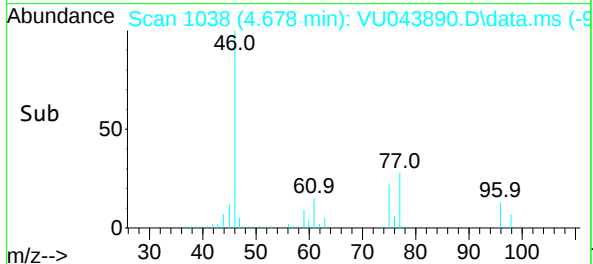
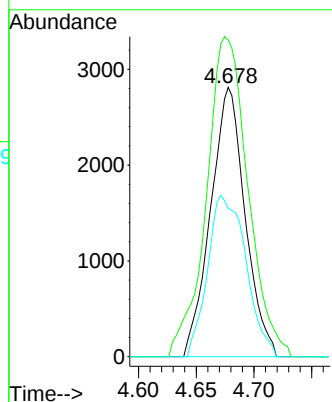
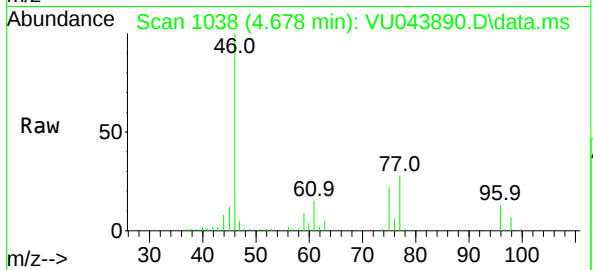




#22
cis-1,2-Dichloroethene
Concen: 0.40 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

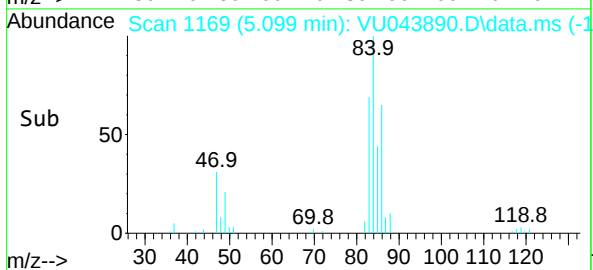
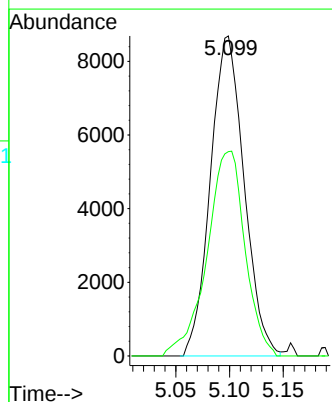
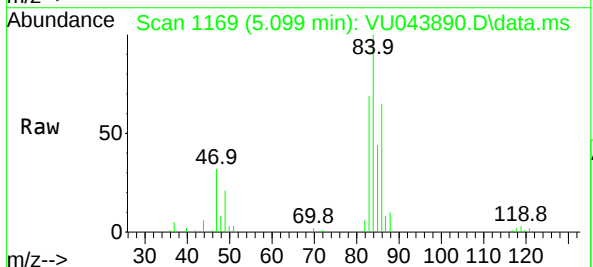
Instrument :
MSVOA_U
ClientSampleId :
C0GM7

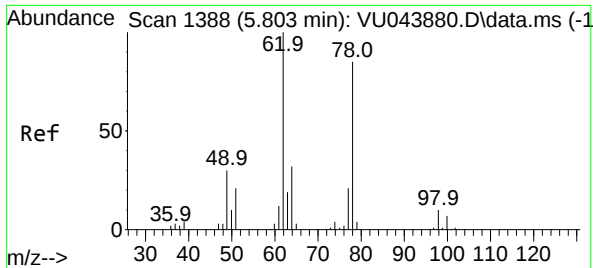
Tgt Ion: 96 Resp: 5846
Ion Ratio Lower Upper
96 100
61 117.6 89.0 165.4
98 55.1 44.9 83.3



#25
Chloroform
Concen: 0.76 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Tgt Ion: 83 Resp: 18941
Ion Ratio Lower Upper
83 100
85 63.9 45.0 83.6

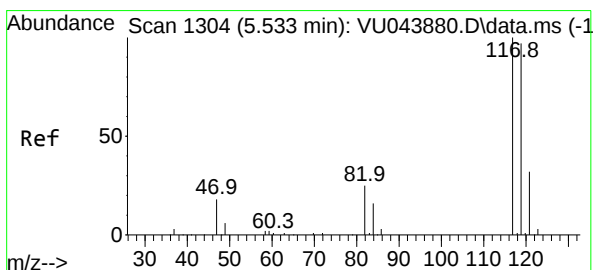
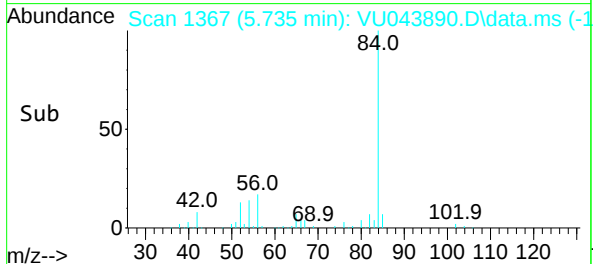
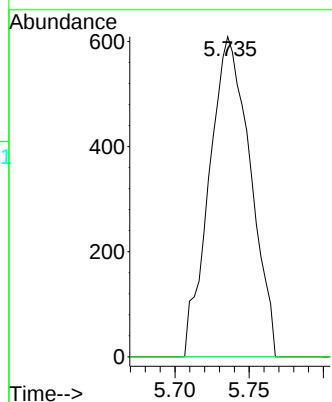
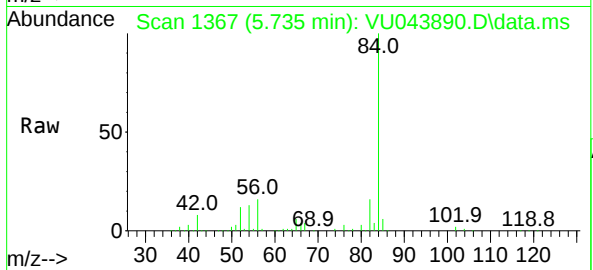




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

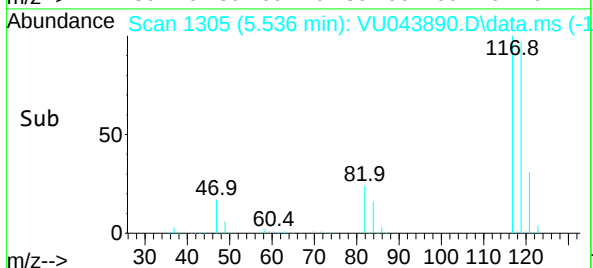
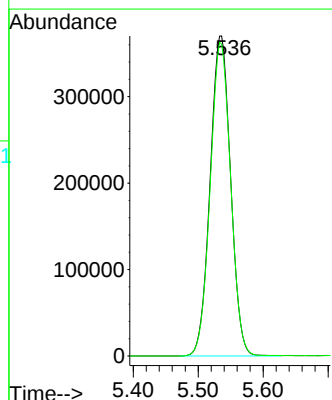
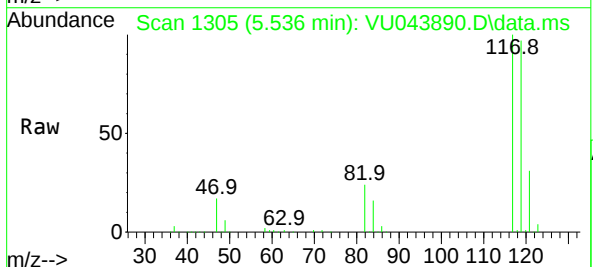
Instrument :
MSVOA_U
ClientSampleId :
C0GM7

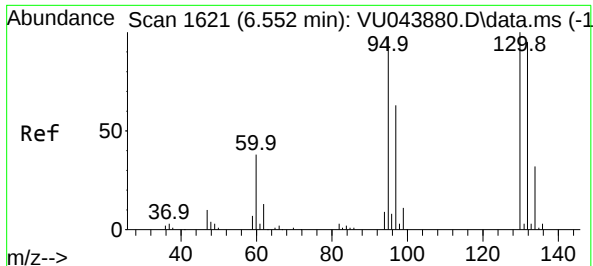
Tgt Ion: 62 Resp: 1170
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#31
Carbon tetrachloride
Concen: 44.54 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Tgt Ion:117 Resp: 809903
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.0



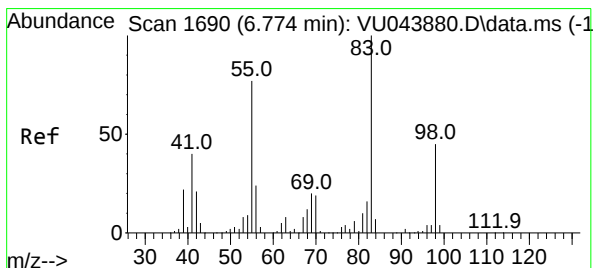
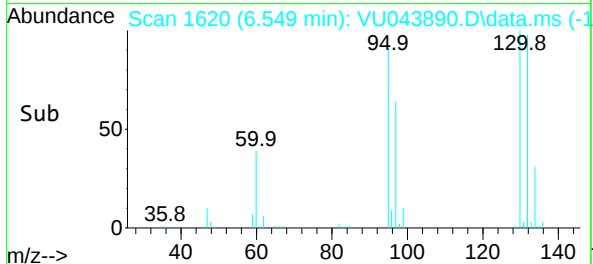
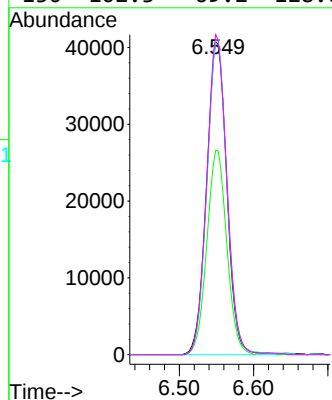
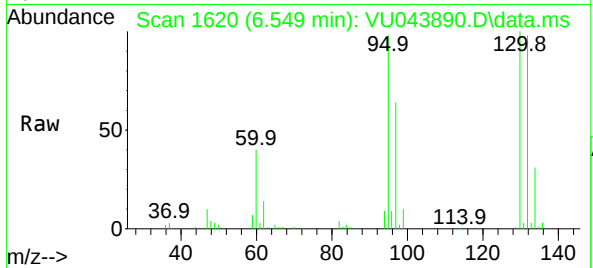


#34
Trichloroethene
Concen: 4.97 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Instrument :
MSVOA_U
ClientSampleId :
C0GM7

Tgt Ion: 95 Resp: 76953

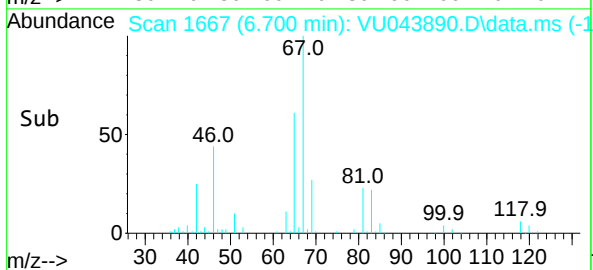
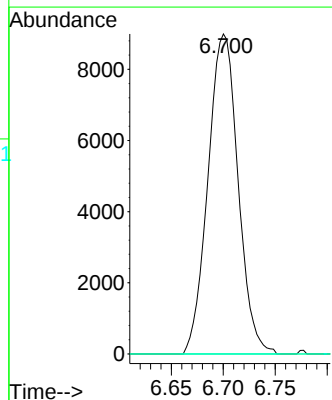
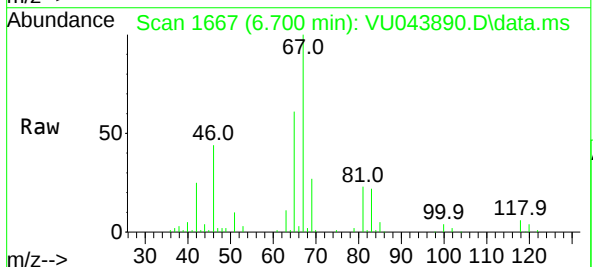
Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.3	82.3
132	100.5	66.0	122.6
130	102.3	69.2	128.6

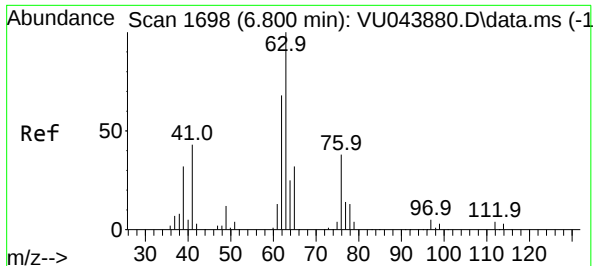


#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Tgt Ion: 83 Resp: 18129

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	17.0	35.9	53.9#



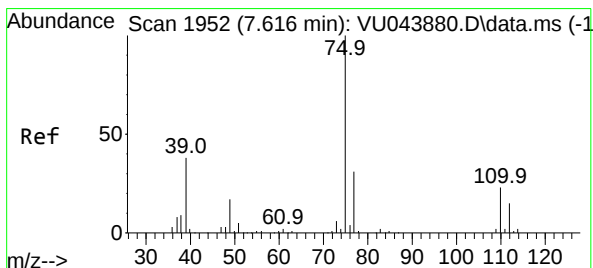
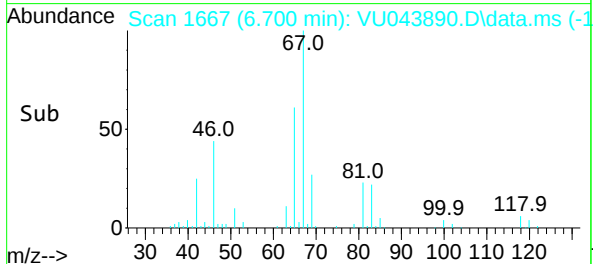
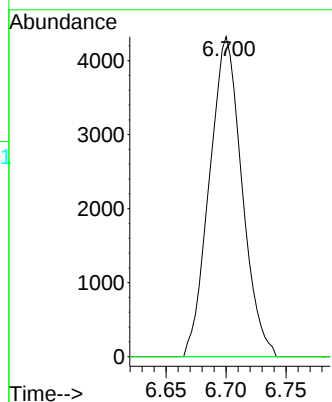
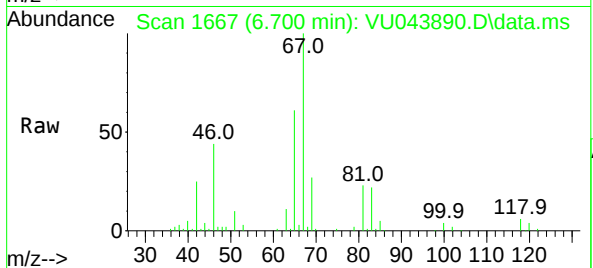


#37

1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Instrument :
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ClientSampled :
C0GM7

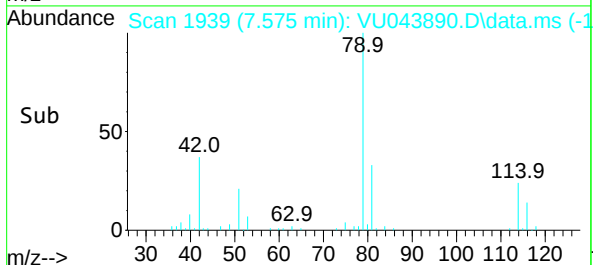
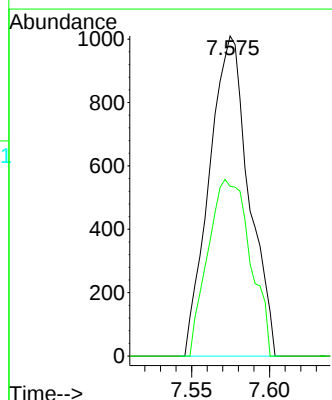
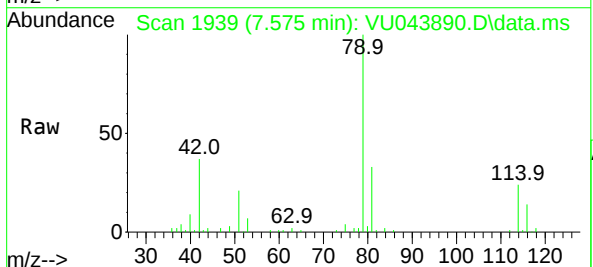
Tgt Ion: 63 Resp: 8148
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

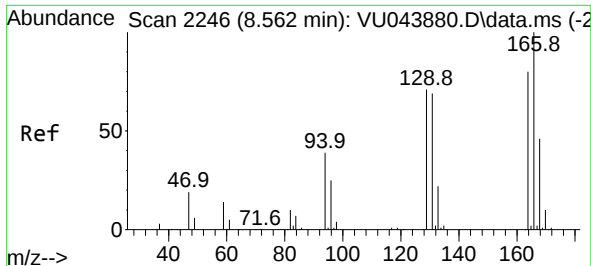


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043890.D
Acq: 21 May 2021 15:34

Tgt Ion: 75 Resp: 1784
Ion Ratio Lower Upper
75 100
77 53.1 22.5 41.7#





#47

Tetrachloroethene

Concen: 0.35 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU043890.D

Acq: 21 May 2021 15:34

Instrument :
MSVOA_U
ClientSampleId :
C0GM7

Tgt Ion:164 Resp: 4328

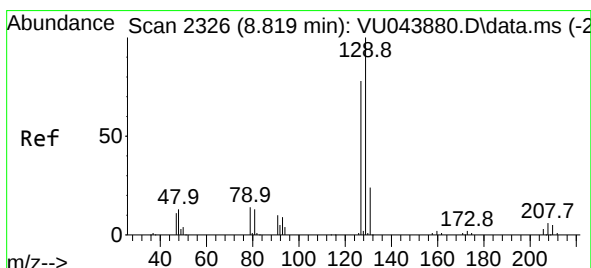
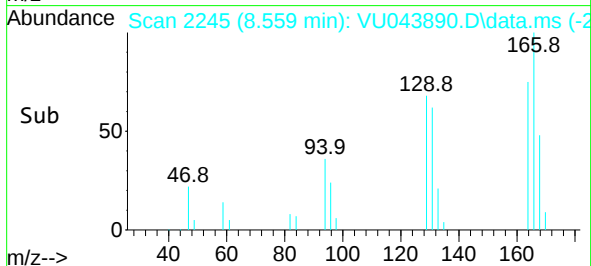
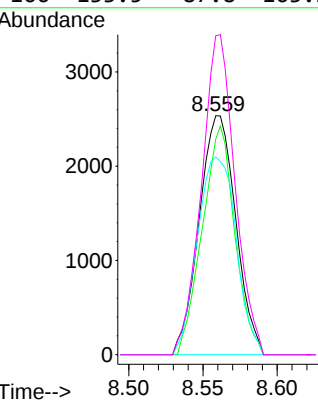
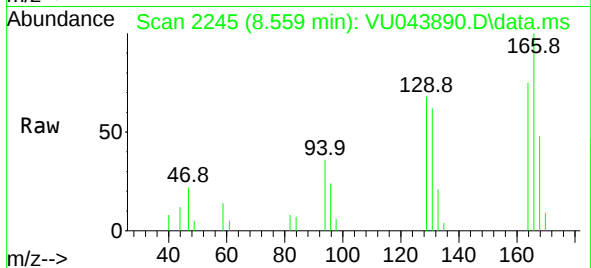
Ion Ratio Lower Upper

164 100

129 90.2 64.1 119.1

131 82.8 61.2 113.8

166 133.5 87.8 163.2



#49

Dibromochloromethane

Concen: 0.29 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.257 min

Lab File: VU043890.D

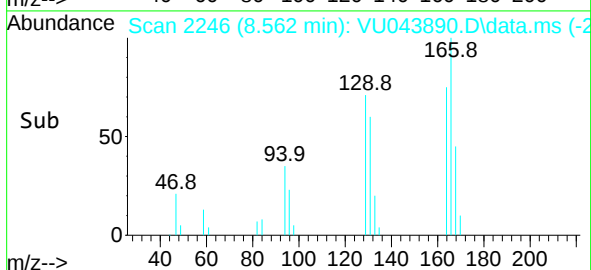
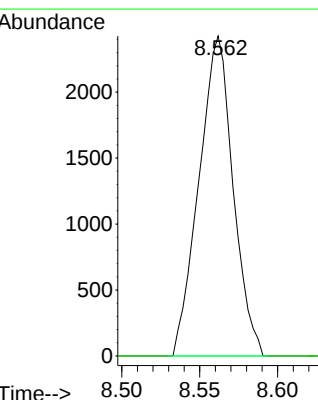
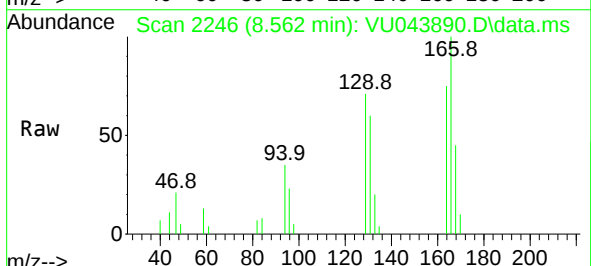
Acq: 21 May 2021 15:34

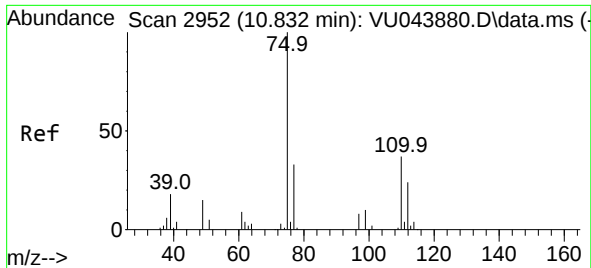
Tgt Ion:129 Resp: 3697

Ion Ratio Lower Upper

129 100

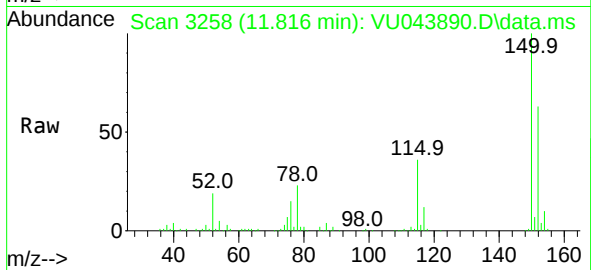
127 0.0 53.4 99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.10 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.984 min
 Lab File: VU043890.D
 Acq: 21 May 2021 15:34

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GM7



Tgt Ion: 75 Resp: 9842
 Ion Ratio Lower Upper
 75 100
 110 2.2 27.9 41.9#
 77 32.9 25.9 38.9

