

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043512.D
 Acq On : 04 May 2021 11:26
 Operator : SY/MD
 Sample : M2195-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H2MS

Quant Time: May 05 04:52:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 04:50:58 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	6.259	114	104949	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.423	117	108449	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	50787	5.00 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.601	65	30239	3.58 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 71.60%
7) Chloroethane-d5	1.919	69	23743	3.84 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 76.80%
11) 1,1-Dichloroethene-d2	2.572	65	15140	3.66 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 73.20%
20) 2-Butanone-d5	4.645	46	113018	43.14 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 86.28%
24) Chloroform-d	5.073	84	61983	3.84 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 76.80%
26) 1,2-Dichloroethane-d4	5.713	65	39153	4.02 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 80.40%
32) Benzene-d6	5.735	84	113102	3.86 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 77.20%
36) 1,2-Dichloropropane-d6	6.700	67	40065	3.89 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 77.80%
41) Toluene-d8	7.906	98	96459	3.58 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 71.60%
43) trans-1,3-Dichloroprop...	8.185	79	15162	3.65 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 73.00%
46) 2-Hexanone-d5	8.642	63	72273	41.52 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 83.04%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31350	3.80 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 76.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	35680	3.94 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 78.80%#

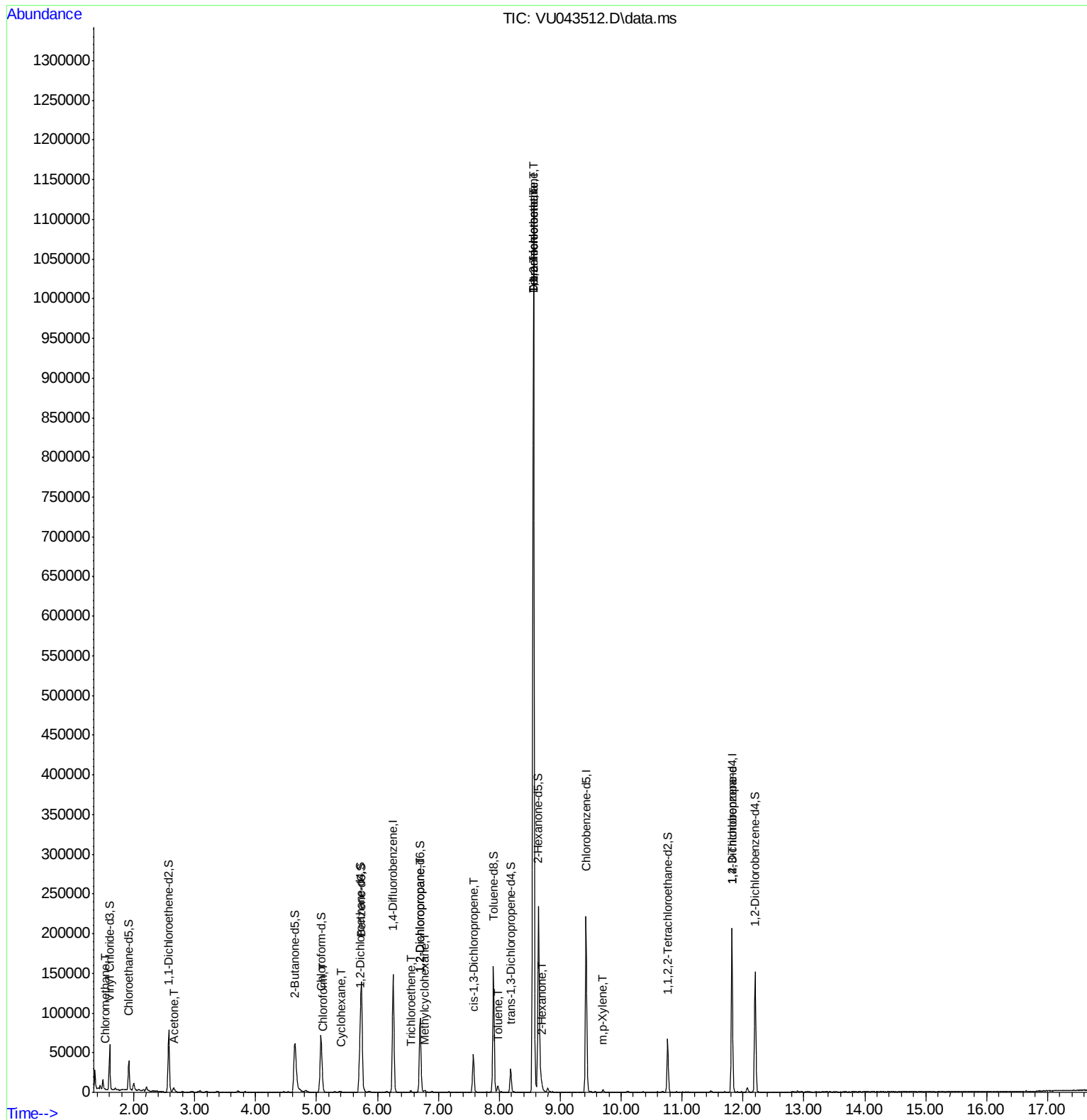
Target Compounds					Qvalue
3) Chloromethane	1.523	50	767	0.10 ug/L #	81
13) Acetone	2.655	43	8770	5.02 ug/L	99
25) Chloroform	5.099	83	3055	0.20 ug/L	96
30) Cyclohexane	5.404	56	504	0.05 ug/L #	74
34) Trichloroethene	6.552	95	552	0.08 ug/L	93
35) Methylcyclohexane	6.774	83	858	0.09 ug/L #	89
37) 1,2-Dichloropropane	6.700	63	4883	0.57 ug/L #	90
39) cis-1,3-Dichloropropene	7.578	75	1106	0.10 ug/L #	72
42) Toluene	7.976	91	5132	0.17 ug/L	96
45) 1,1,2-Trichloroethane	8.562	97	2178	0.37 ug/L #	7
47) Tetrachloroethene	8.562	164	226207	42.09 ug/L	97
48) 2-Hexanone	8.693	43	3977	0.77 ug/L #	92
49) Dibromochloromethane	8.562	129	213147	29.92 ug/L #	12
53) m,p-Xylene	9.697	106	770	0.07 ug/L	96
61) 1,2,3-Trichloropropane	11.819	75	6706	1.30 ug/L #	67

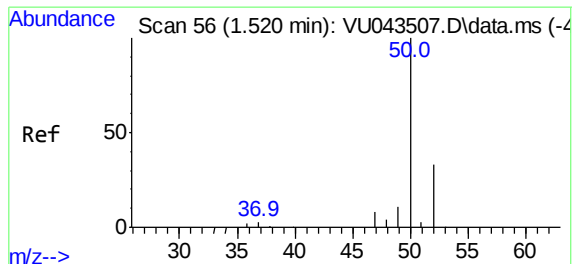
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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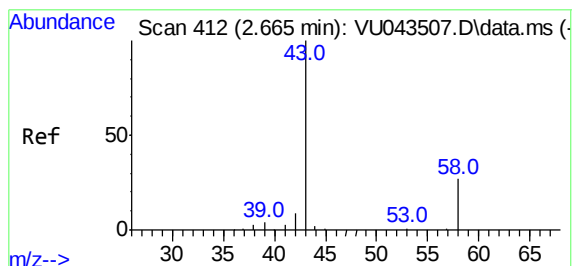
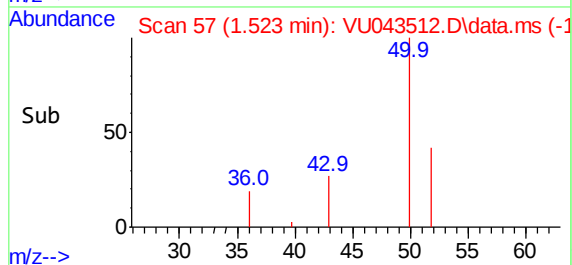
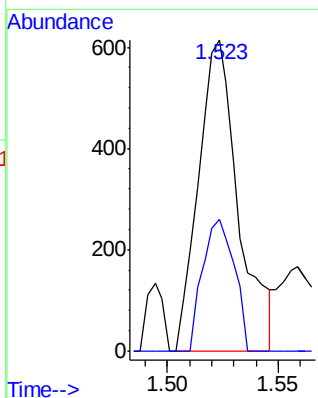
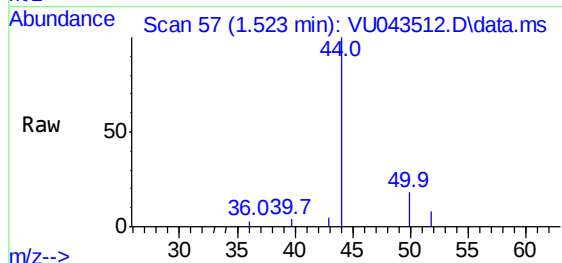




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:26

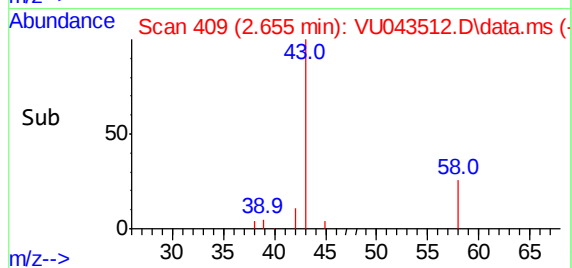
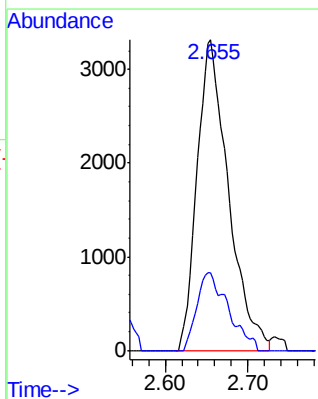
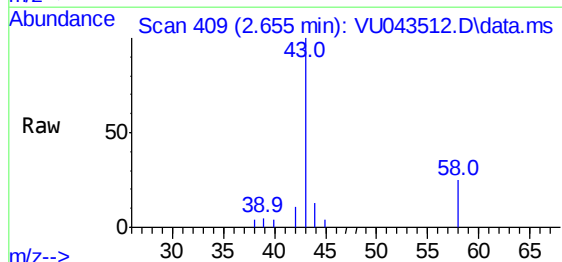
Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

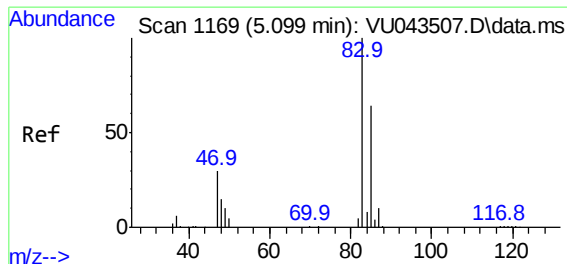
Tgt Ion: 50 Resp: 767
Ion Ratio Lower Upper
50 100
52 42.3 22.1 41.1#



#13
Acetone
Concen: 5.02 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU043512.D
Acq: 04 May 2021 11:26

Tgt Ion: 43 Resp: 8770
Ion Ratio Lower Upper
43 100
58 25.1 0.0 50.8

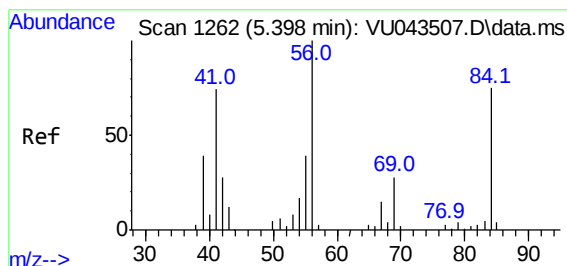
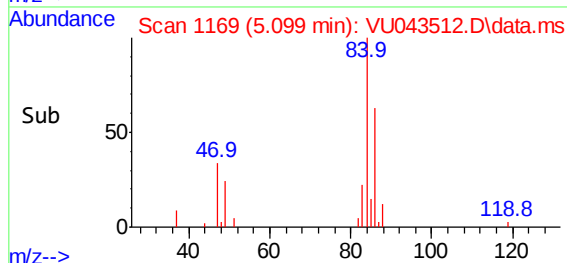
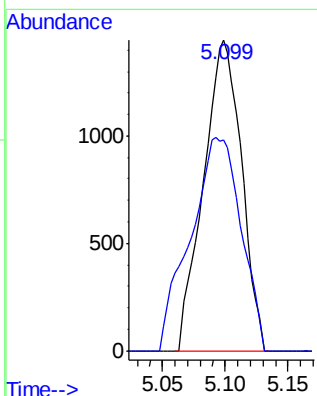
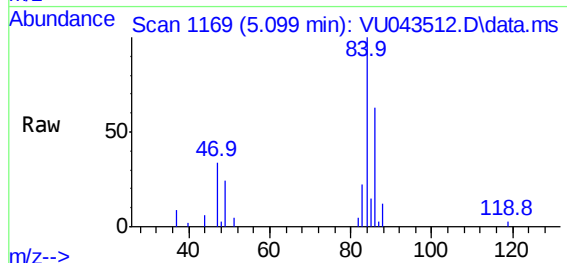




#25
Chloroform
Concen: 0.20 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:26

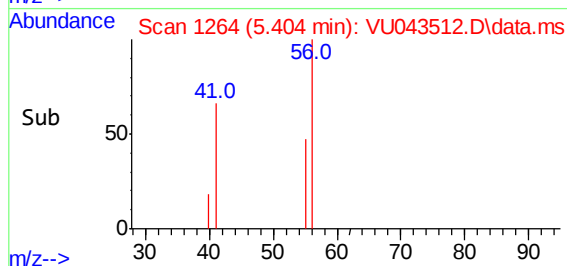
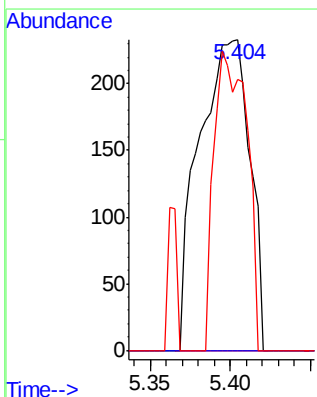
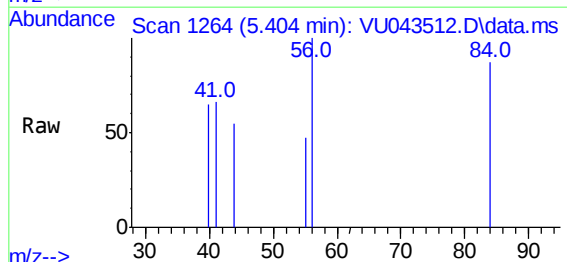
Instrument :
MSVOA_U
ClientSampleId :
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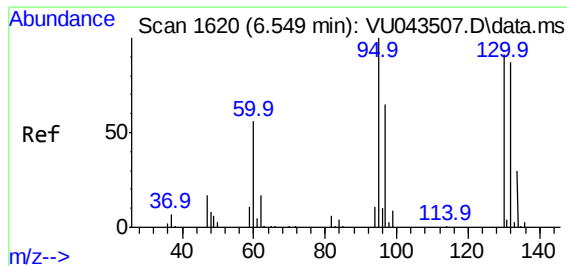
Tgt Ion: 83 Resp: 3055
Ion Ratio Lower Upper
83 100
85 67.8 45.1 83.9



#30
Cyclohexane
Concen: 0.05 ug/L
RT: 5.404 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VU043512.D
Acq: 04 May 2021 11:26

Tgt Ion: 56 Resp: 504
Ion Ratio Lower Upper
56 100
69 0.0 23.0 34.4#
84 62.3 60.3 90.5





#34

Trichloroethene

Concen: 0.08 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU043512.D

Acq: 04 May 2021 11:26

Tgt Ion: 95 Resp: 552

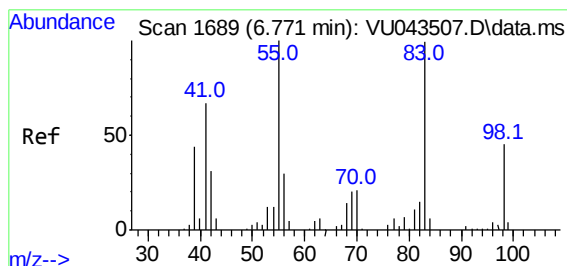
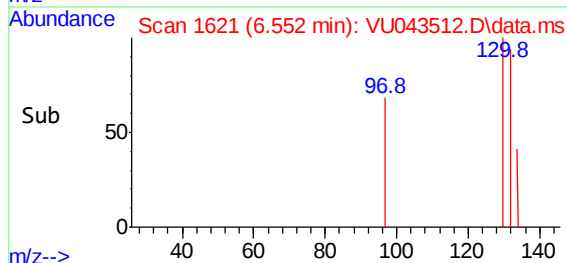
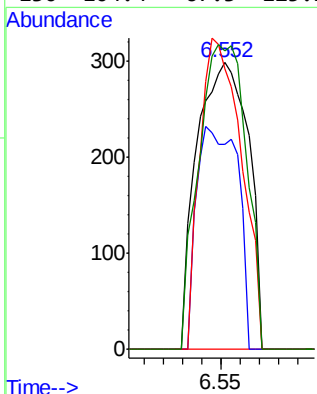
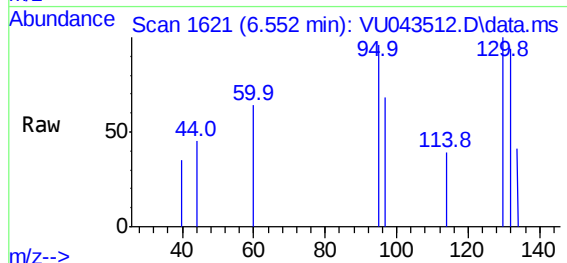
Ion Ratio Lower Upper

95 100

97 71.5 46.5 86.5

132 98.0 64.1 119.1

130 104.4 67.3 125.1



#35

Methylcyclohexane

Concen: 0.09 ug/L

RT: 6.774 min Scan# 1690

Delta R.T. 0.003 min

Lab File: VU043512.D

Acq: 04 May 2021 11:26

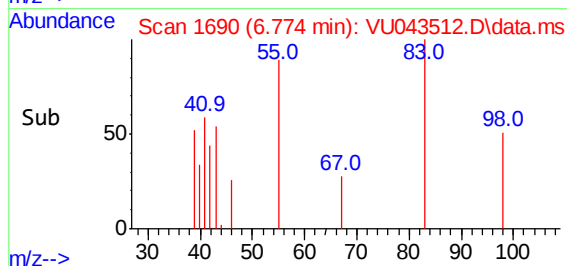
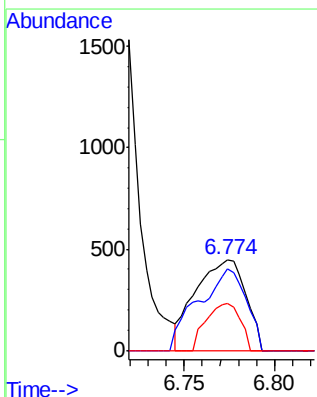
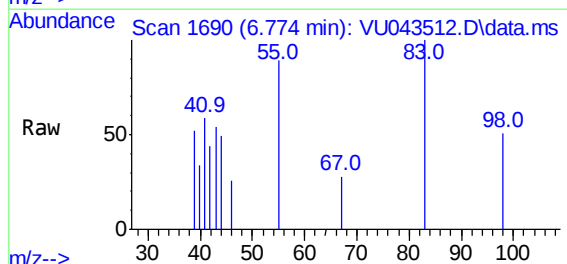
Tgt Ion: 83 Resp: 858

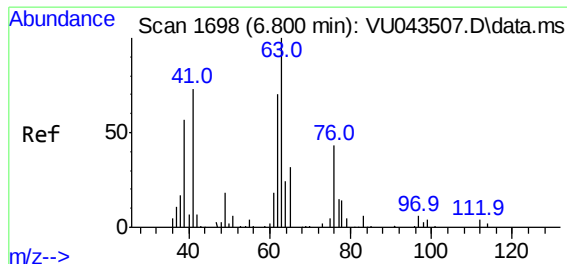
Ion Ratio Lower Upper

83 100

55 85.9 75.8 113.8

98 35.2 35.5 53.3#

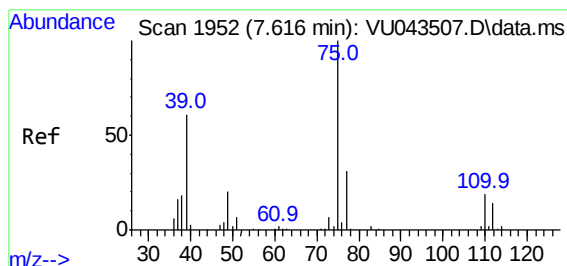
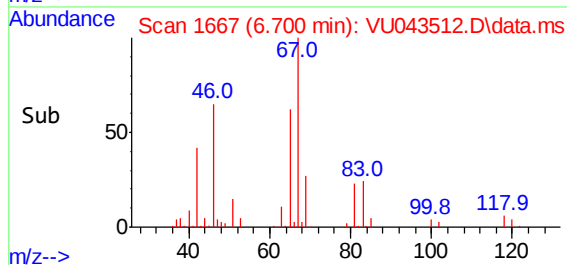
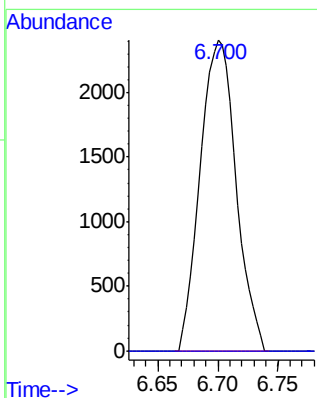
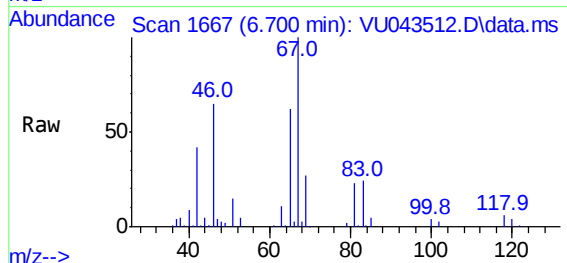




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043512.D
Acq: 04 May 2021 11:26

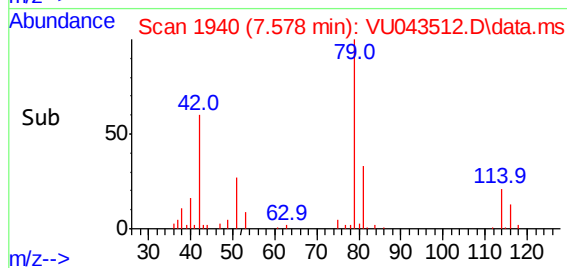
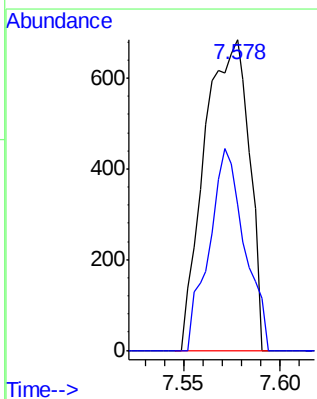
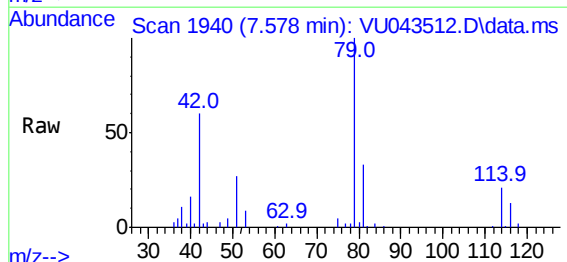
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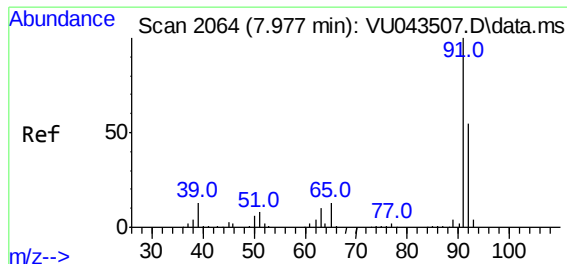
Tgt Ion: 63 Resp: 4883
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU043512.D
Acq: 04 May 2021 11:26

Tgt Ion: 75 Resp: 1106
Ion Ratio Lower Upper
75 100
77 46.7 21.9 40.7#

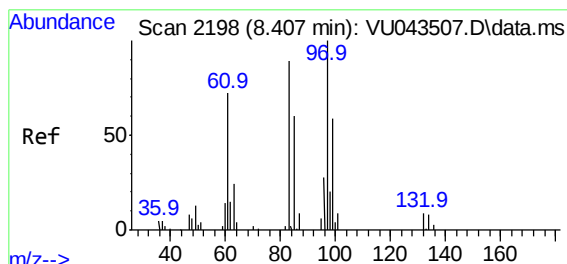
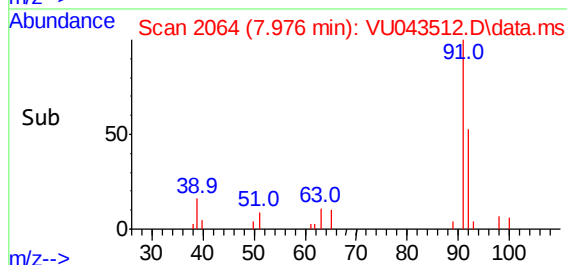
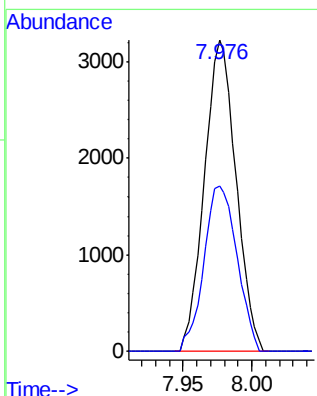
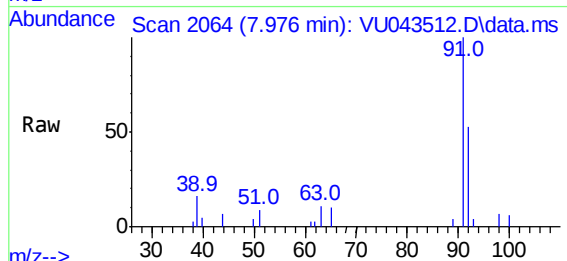




#42
Toluene
Concen: 0.17 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:26

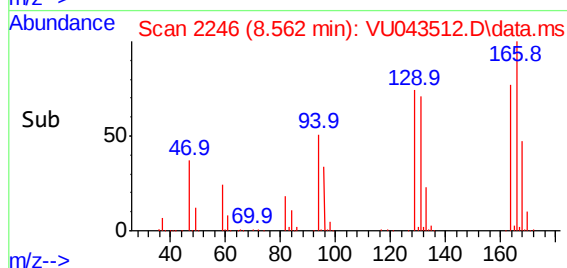
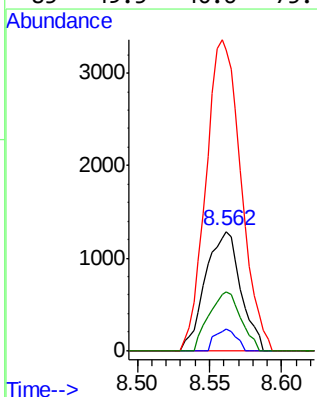
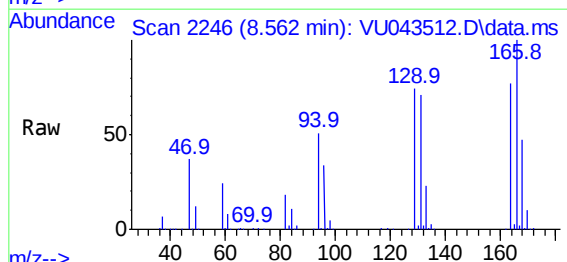
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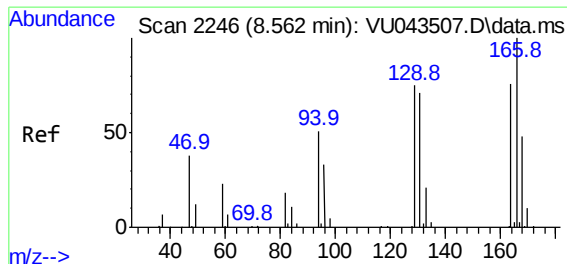
Tgt Ion: 91 Resp: 5132
Ion Ratio Lower Upper
91 100
92 53.0 39.1 72.5



#45
1,1,2-Trichloroethane
Concen: 0.37 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.154 min
Lab File: VU043512.D
Acq: 04 May 2021 11:26

Tgt Ion: 97 Resp: 2178
Ion Ratio Lower Upper
97 100
99 18.1 42.6 79.0#
83 251.6 64.1 119.1#
85 49.5 40.6 75.4



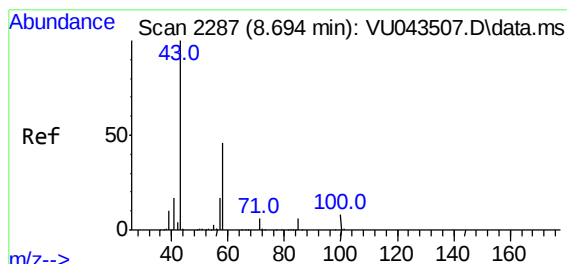
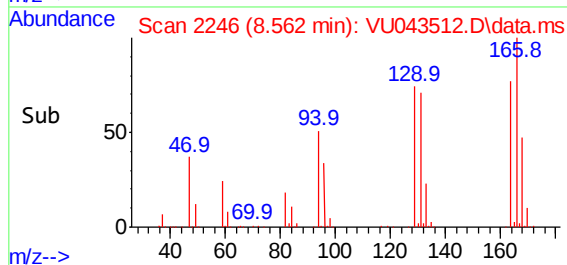
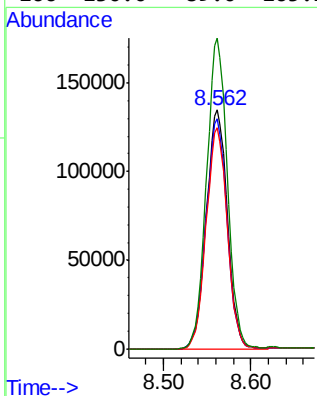
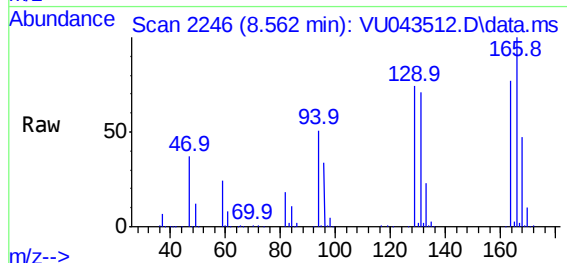


#47
Tetrachloroethene
Concen: 42.09 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:26

Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

Tgt Ion:164 Resp: 226207

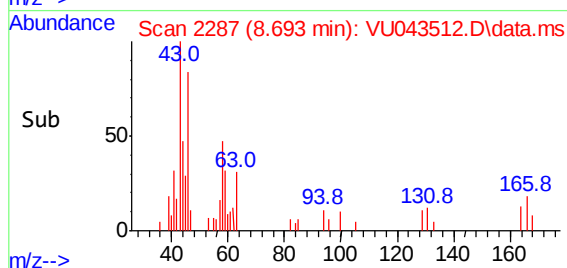
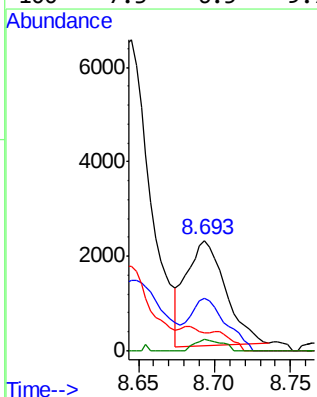
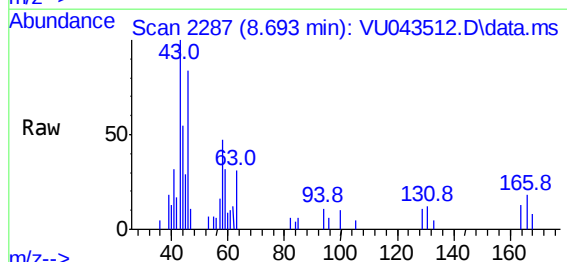
Ion	Ratio	Lower	Upper
164	100		
129	96.3	62.5	116.1
131	92.6	64.9	120.5
166	130.0	89.0	165.2

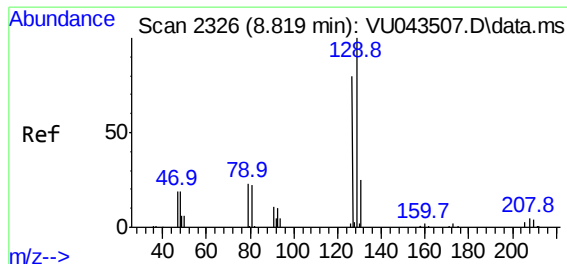


#48
2-Hexanone
Concen: 0.77 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043512.D
Acq: 04 May 2021 11:26

Tgt Ion: 43 Resp: 3977

Ion	Ratio	Lower	Upper
43	100		
58	45.3	36.8	55.2
57	3.6	13.2	19.8#
100	7.3	6.5	9.7

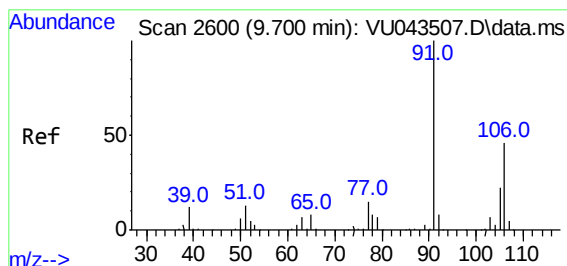
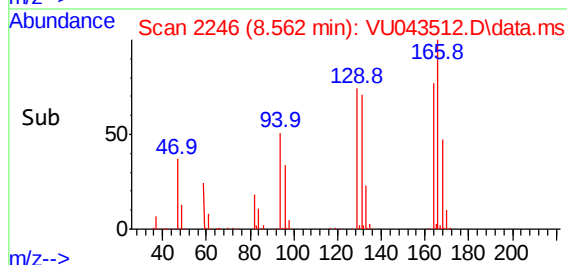
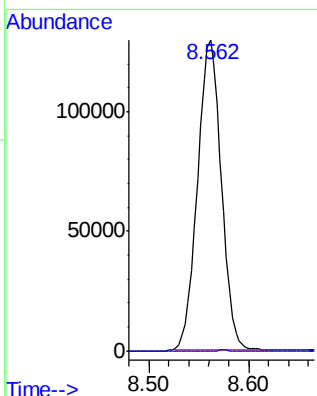
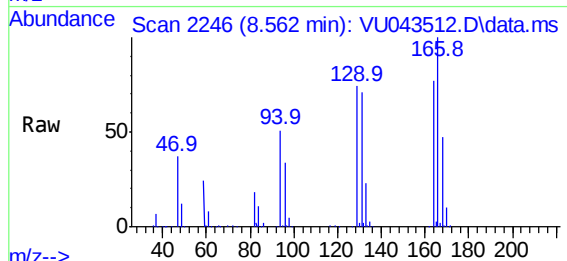




#49
Dibromochloromethane
Concen: 29.92 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043512.D
Acq: 04 May 2021 11:26

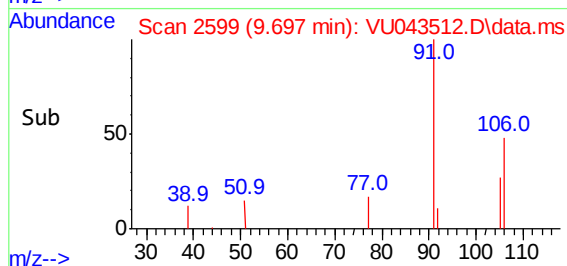
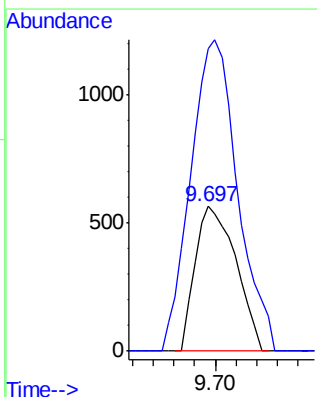
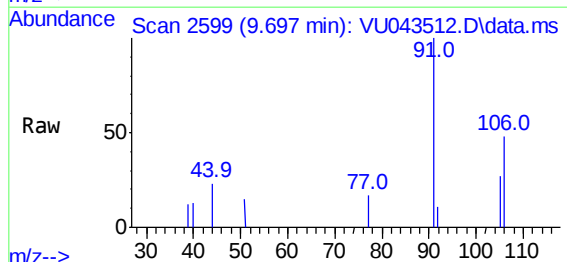
Instrument :
MSVOA_U
ClientSampleId :
GB3H2MS

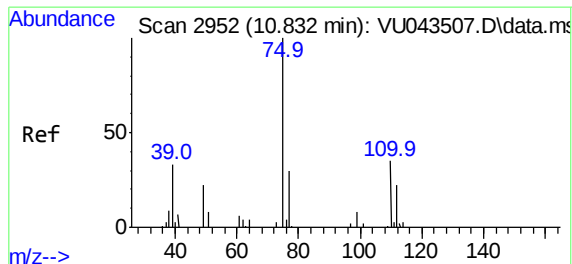
Tgt Ion:129 Resp: 213147
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.4#



#53
m,p-Xylene
Concen: 0.07 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU043512.D
Acq: 04 May 2021 11:26

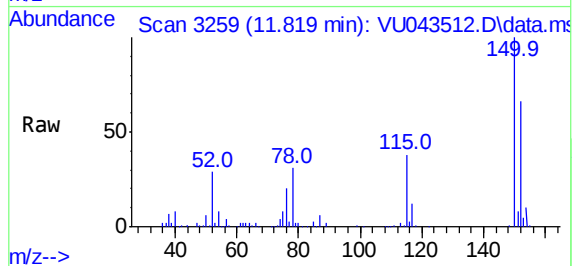
Tgt Ion:106 Resp: 770
Ion Ratio Lower Upper
106 100
91 209.1 150.3 279.1





#61
 1,2,3-Trichloropropane
 Concen: 1.30 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043512.D
 Acq: 04 May 2021 11:26

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H2MS



Tgt Ion: 75 Resp: 6706

Ion	Ratio	Lower	Upper
75	100		
110	1.6	28.6	42.8#
77	34.6	25.7	38.5

