

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043884.D
 Acq On : 21 May 2021 13:10
 Operator : SY/MD
 Sample : M2459-08 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COGJ9

Quant Time: May 22 00:52:38 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)

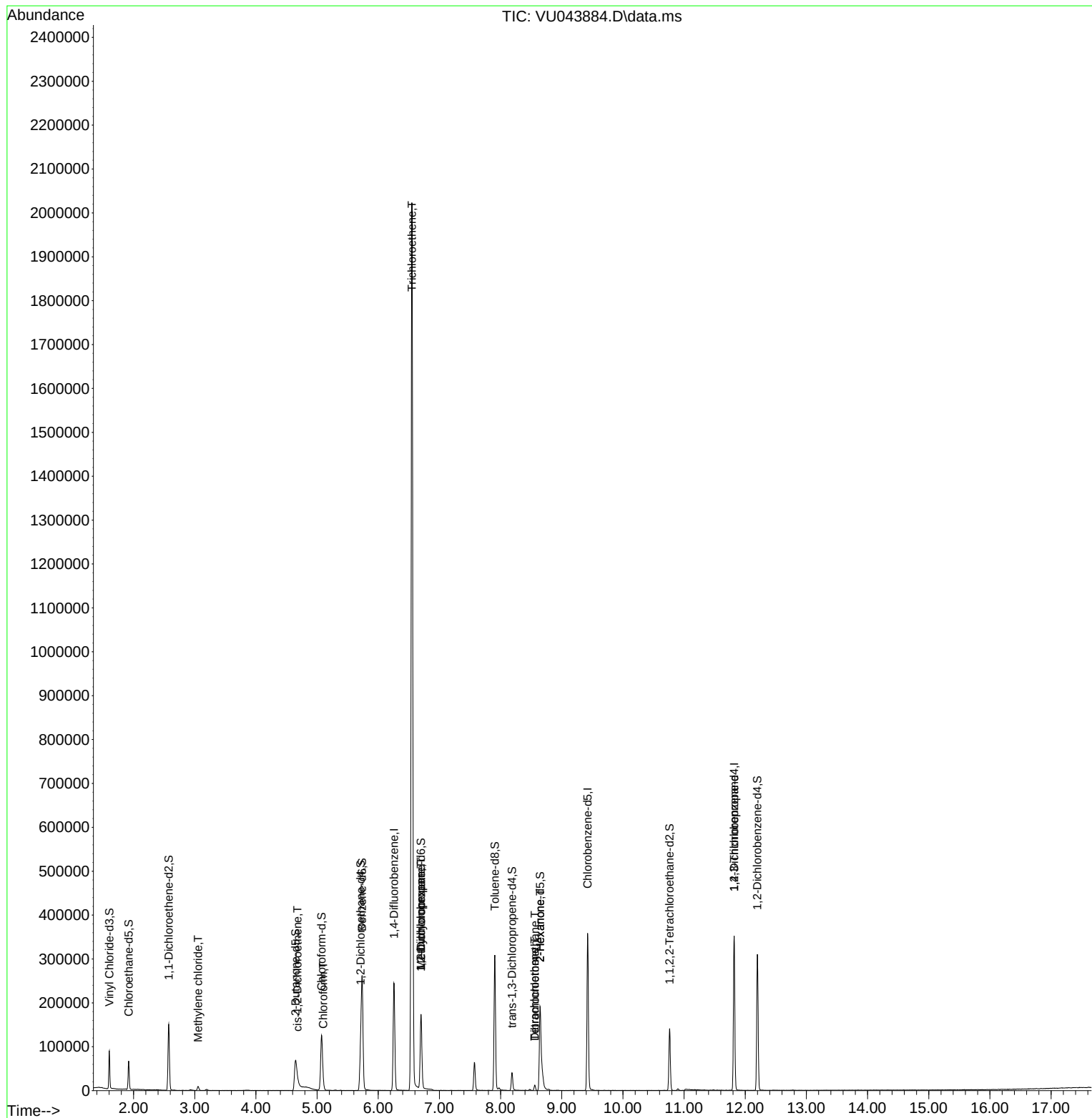
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	204472	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	209473	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	100788	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61483	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.919	69	46786	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.575	65	28342	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.649	46	137082	47.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.64%
24) Chloroform-d	5.073	84	116034	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.713	65	66654	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.735	84	249028	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.700	67	85017	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.906	98	211366	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloroprop...	8.185	79	24057	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.645	63	84529	29.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.64%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71825	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	87850	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	4263	0.21	ug/L	98
22) cis-1,2-Dichloroethene	4.681	96	1957	0.13	ug/L	92
25) Chloroform	5.099	83	10991	0.43	ug/L	96
34) Trichloroethene	6.549	95	708828	45.59	ug/L	96
35) Methylcyclohexane	6.700	83	19736	0.82	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	8633	0.54	ug/L #	88
47) Tetrachloroethene	8.558	164	2998	0.24	ug/L	98
48) 2-Hexanone	8.645	43	8803	1.17	ug/L #	71
49) Dibromochloromethane	8.562	129	2763	0.22	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	10665	1.11	ug/L #	69

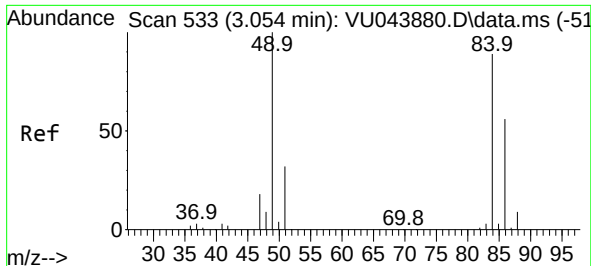
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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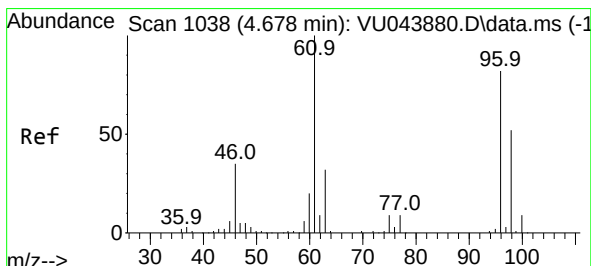
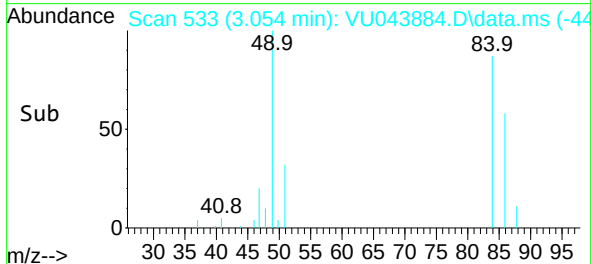
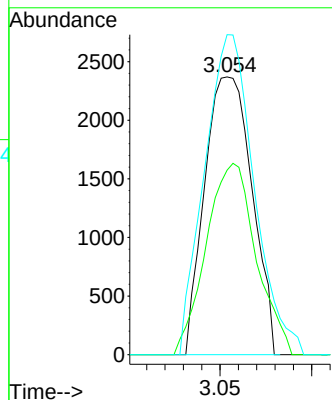
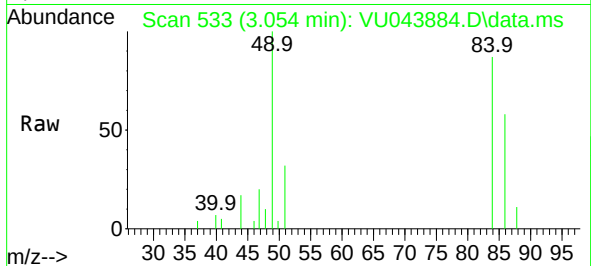


#16
Methylene chloride
Concen: 0.21 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043884.D
Acq: 21 May 2021 13:10

Instrument :
MSVOA_U
ClientSampled :
COGJ9

Tgt Ion: 84 Resp: 4263

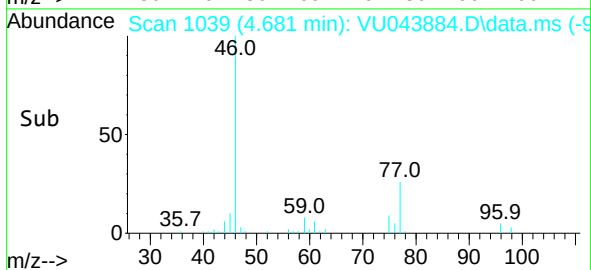
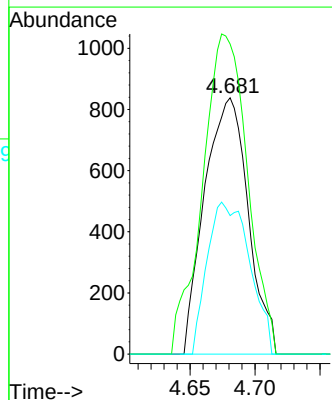
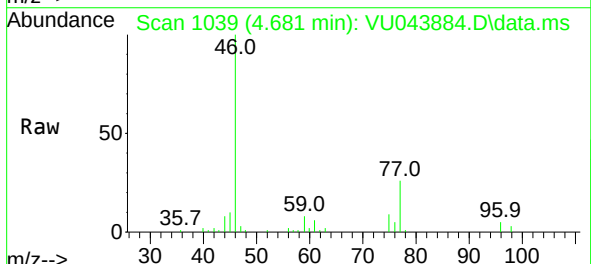
Ion	Ratio	Lower	Upper
84	100		
86	66.4	44.7	82.9
49	120.4	83.1	154.3

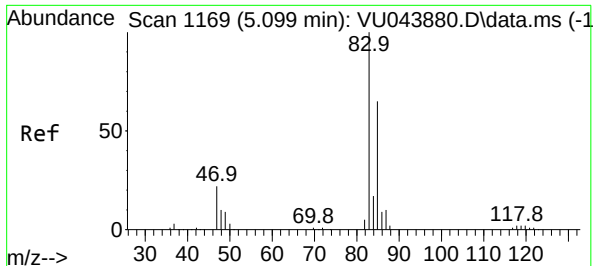


#22
cis-1,2-Dichloroethene
Concen: 0.13 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU043884.D
Acq: 21 May 2021 13:10

Tgt Ion: 96 Resp: 1957

Ion	Ratio	Lower	Upper
96	100		
61	121.0	89.0	165.4
98	54.1	44.9	83.3



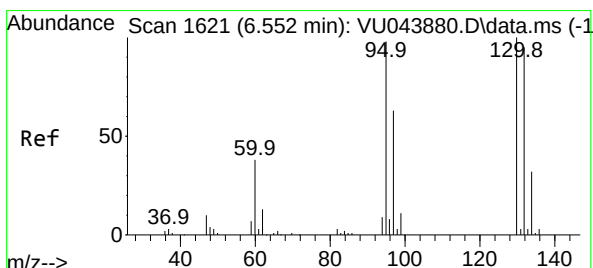
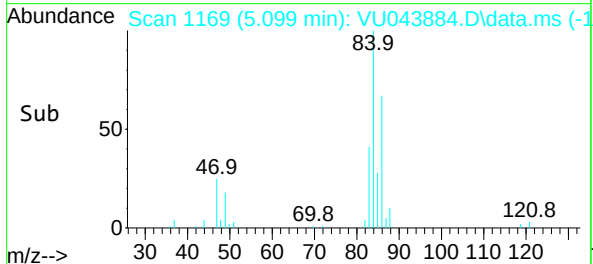
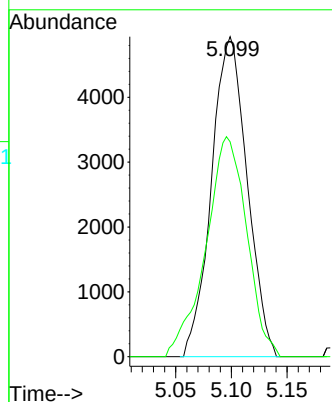
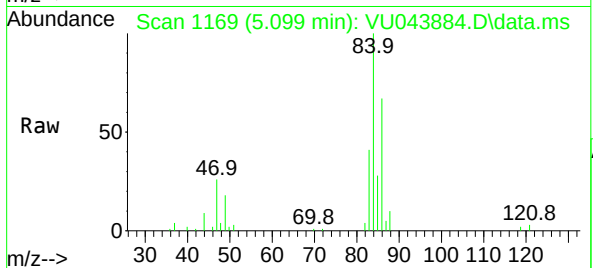


#25

Chloroform
Concen: 0.43 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043884.D
Acq: 21 May 2021 13:10

Instrument :
MSVOA_U
ClientSampled :
COGJ9

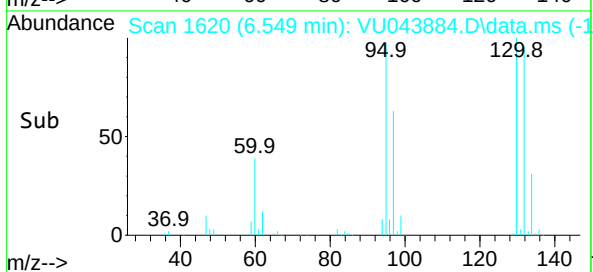
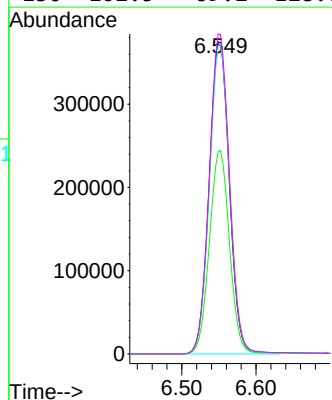
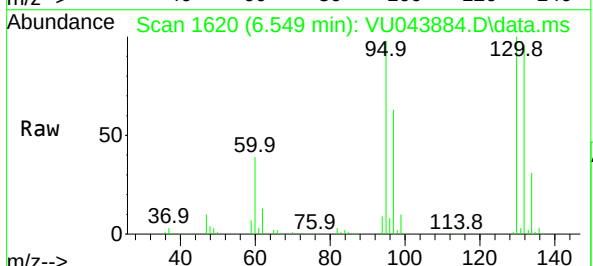
Tgt Ion: 83 Resp: 10991
Ion Ratio Lower Upper
83 100
85 67.2 45.0 83.6

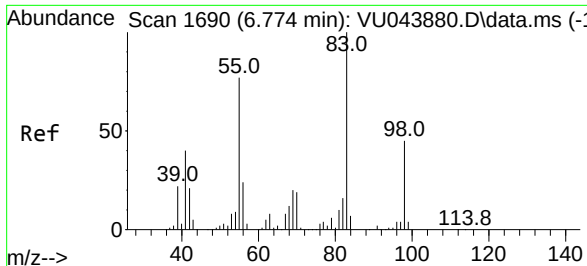


#34

Trichloroethene
Concen: 45.59 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043884.D
Acq: 21 May 2021 13:10

Tgt Ion: 95 Resp: 708828
Ion Ratio Lower Upper
95 100
97 64.8 44.3 82.3
132 98.8 66.0 122.6
130 102.5 69.2 128.6





#35

Methylcyclohexane

Concen: 0.82 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.074 min

Lab File: VU043884.D

Acq: 21 May 2021 13:10

Tgt Ion: 83 Resp: 19736

Ion Ratio Lower Upper

83 100

55 0.0 64.8 97.2#

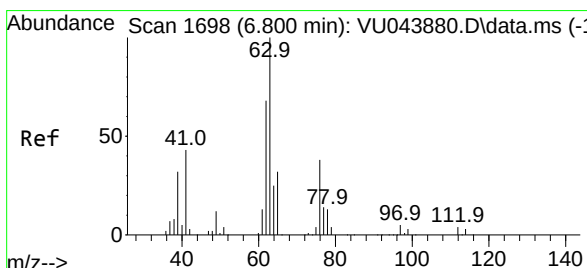
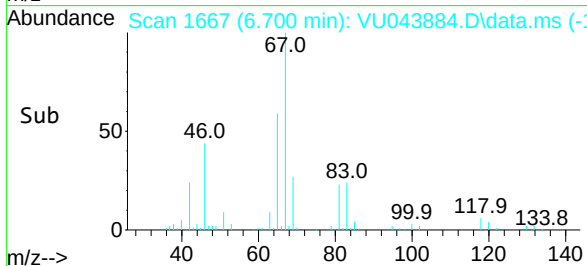
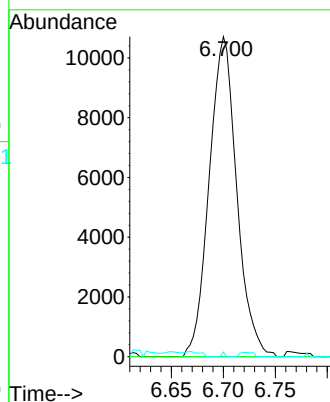
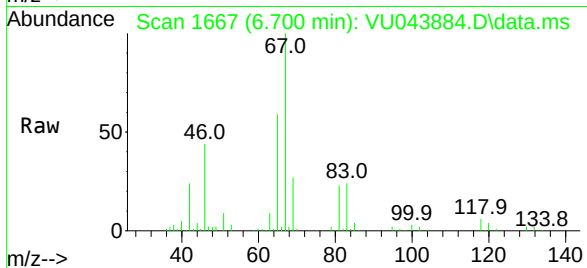
98 0.0 35.9 53.9#

Instrument :

MSVOA_U

ClientSampleId :

COGJ9



#37

1,2-Dichloropropane

Concen: 0.54 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.103 min

Lab File: VU043884.D

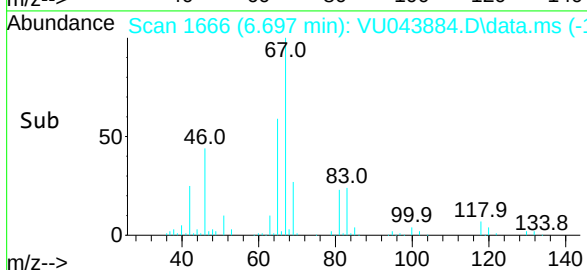
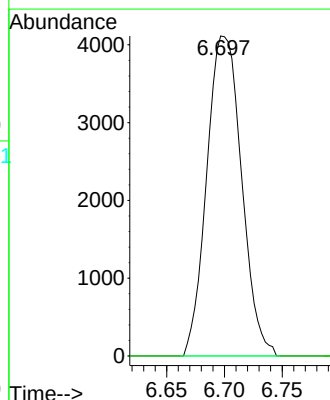
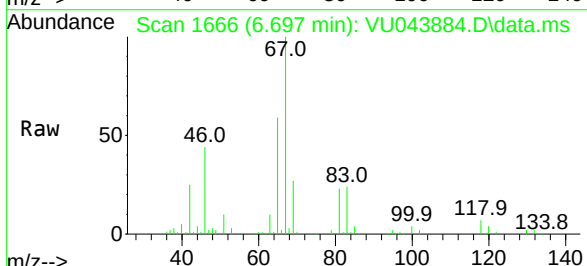
Acq: 21 May 2021 13:10

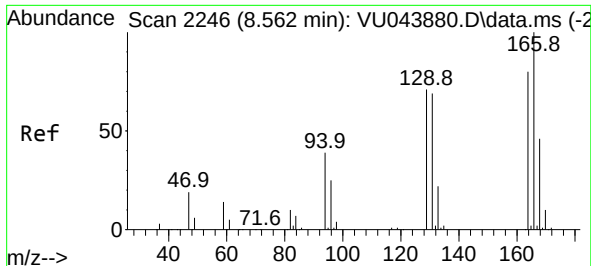
Tgt Ion: 63 Resp: 8633

Ion Ratio Lower Upper

63 100

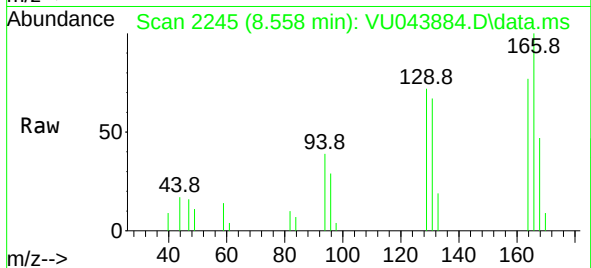
112 0.0 3.3 4.9#



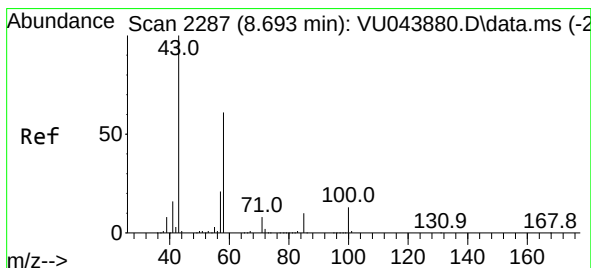
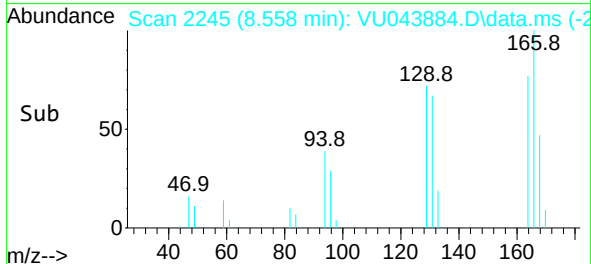
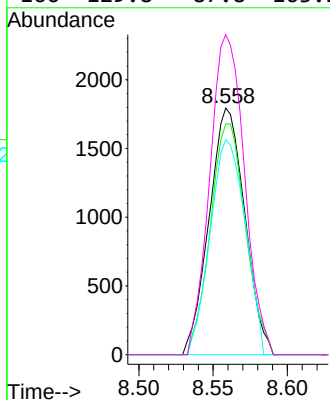


#47
Tetrachloroethene
Concen: 0.24 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043884.D
Acq: 21 May 2021 13:10

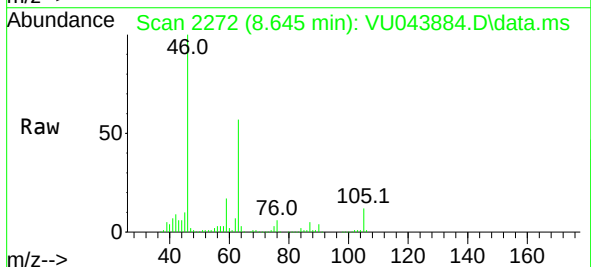
Instrument :
MSVOA_U
ClientSampled :
COGJ9



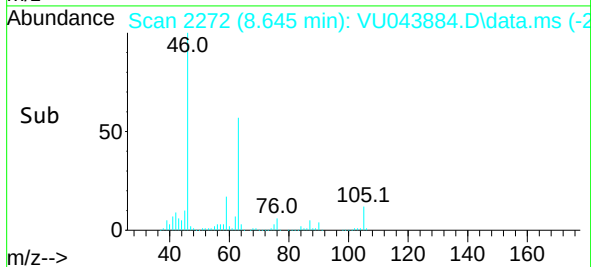
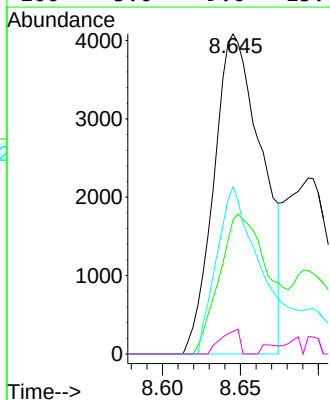
Tgt Ion:164 Resp: 2998
Ion Ratio Lower Upper
164 100
129 93.5 64.1 119.1
131 87.2 61.2 113.8
166 129.8 87.8 163.2

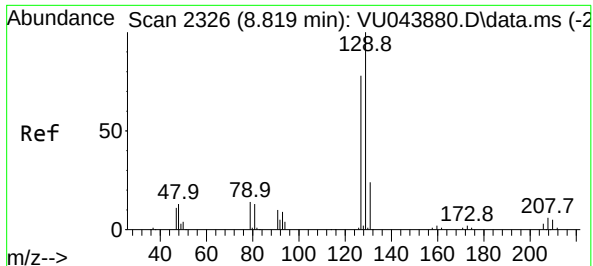


#48
2-Hexanone
Concen: 1.17 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU043884.D
Acq: 21 May 2021 13:10



Tgt Ion: 43 Resp: 8803
Ion Ratio Lower Upper
43 100
58 45.4 47.0 70.4#
57 50.8 15.8 23.8#
100 3.0 9.0 13.4#





#49

Dibromochloromethane

Concen: 0.22 ug/L

RT: 8.562 min Scan# 2246

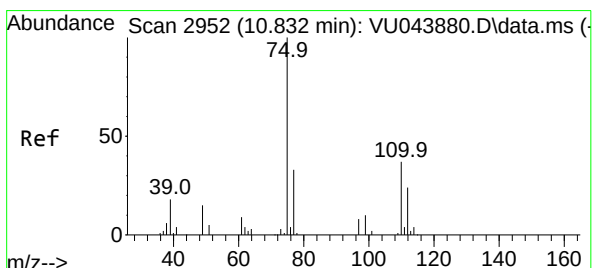
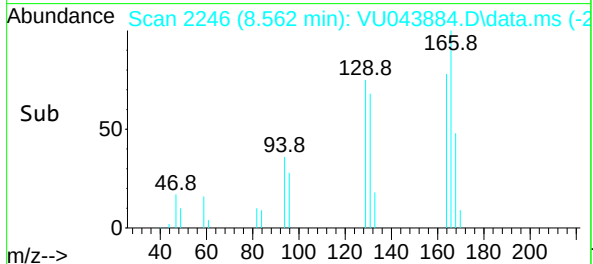
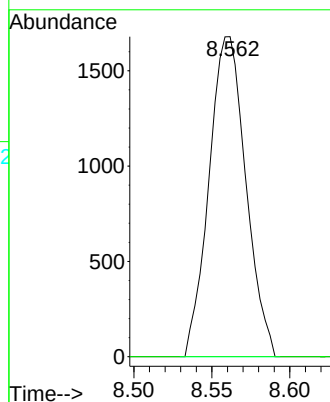
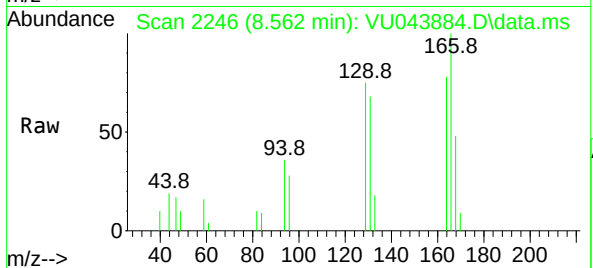
Delta R.T. -0.257 min

Lab File: VU043884.D

Acq: 21 May 2021 13:10

Instrument :
MSVOA_U
ClientSampleId :
COGJ9

Tgt Ion:129 Resp: 2763
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#



#61

1,2,3-Trichloropropane

Concen: 1.11 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043884.D

Acq: 21 May 2021 13:10

Tgt Ion: 75 Resp: 10665
Ion Ratio Lower Upper
75 100
110 2.3 27.9 41.9#
77 30.3 25.9 38.9

