

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043812.D
 Acq On : 18 May 2021 14:32
 Operator : SY/MD
 Sample : M2396-05DL2 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GJ0DL2

Quant Time: May 19 01:42:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

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

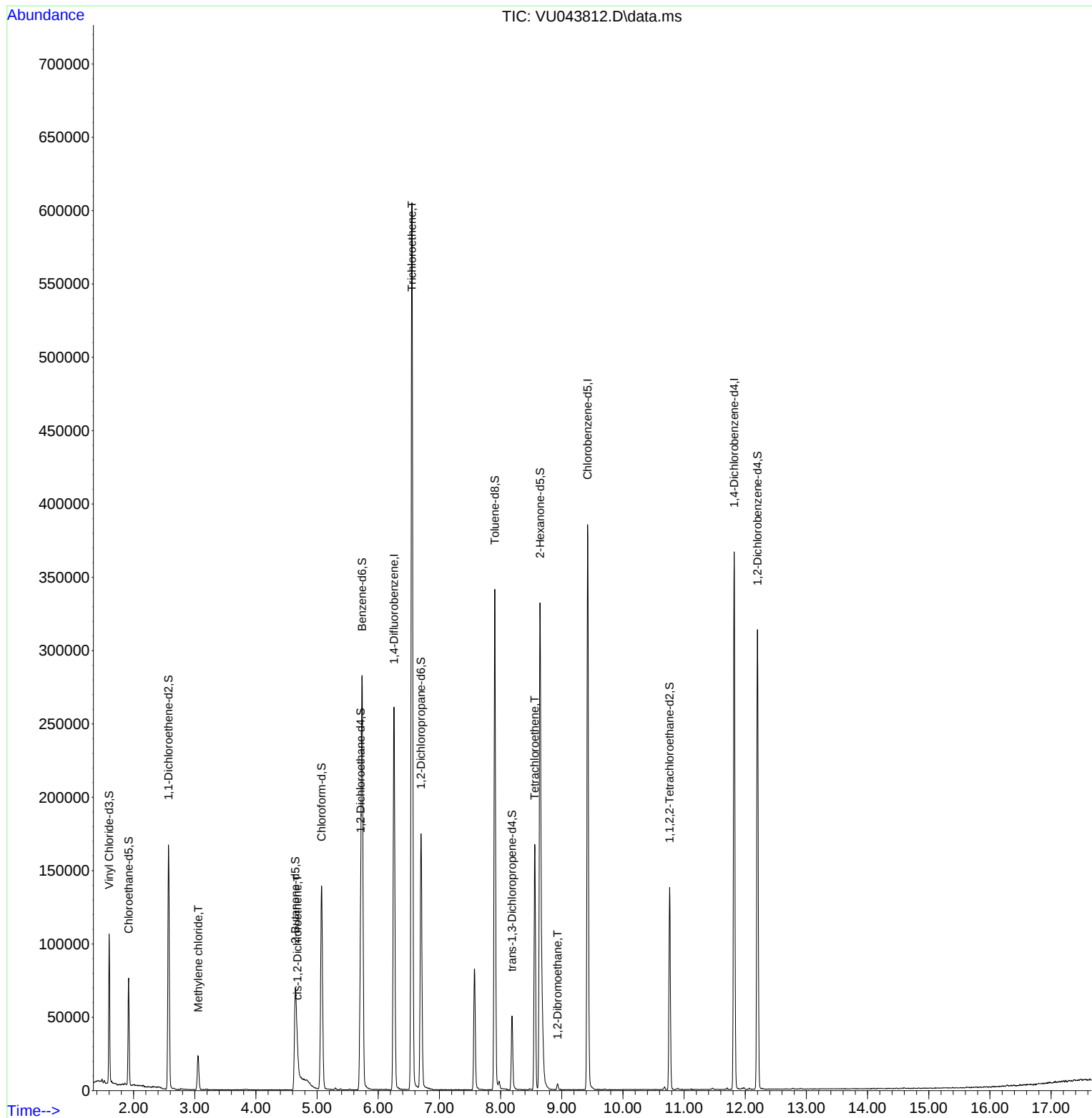
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	220228	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	223441	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103053	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	71278	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.919	69	53201	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.571	65	31720	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	4.645	46	135034	43.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.46%
24) Chloroform-d	5.073	84	130750	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.713	65	67050	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.735	84	269510	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.700	67	88615	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.906	98	227640	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	8.185	79	29699	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.645	63	138751	45.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.78%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	70402	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	88343	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.057	84	11435	0.53	ug/L	94
22) cis-1,2-Dichloroethene	4.681	96	2186	0.14	ug/L	97
34) Trichloroethene	6.549	95	209435	12.63	ug/L	97
47) Tetrachloroethene	8.558	164	38766	2.89	ug/L	95
50) 1,2-Dibromoethane	8.931	107	2778	0.24	ug/L #	92

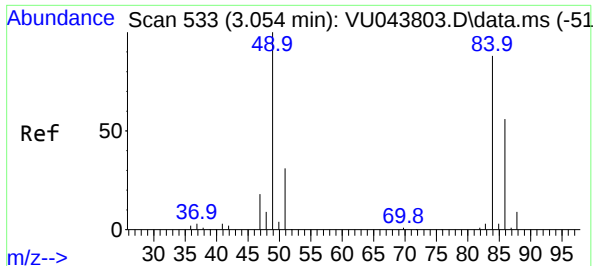
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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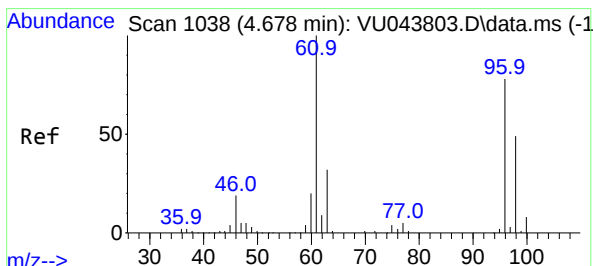
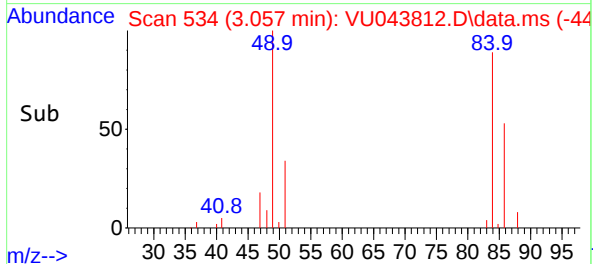
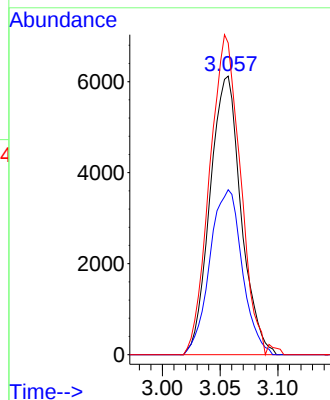
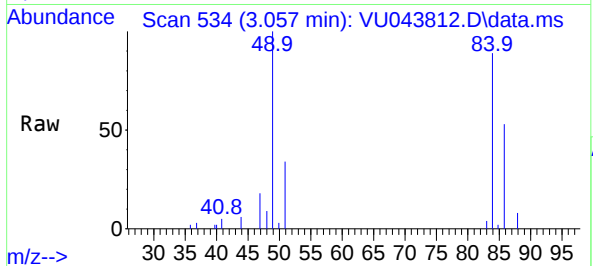




#16
Methylene chloride
Concen: 0.53 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043812.D
Acq: 18 May 2021 14:32

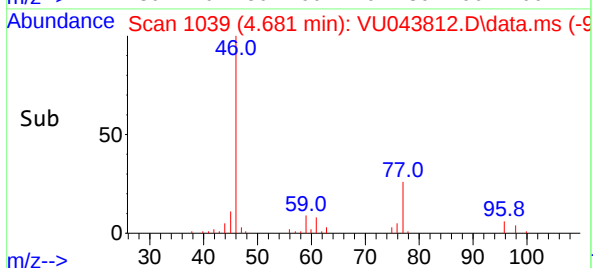
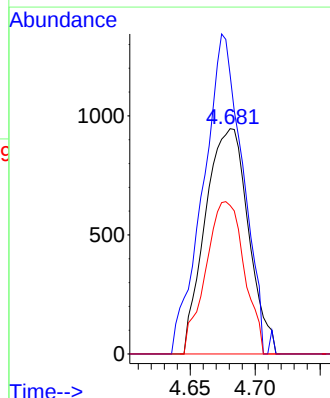
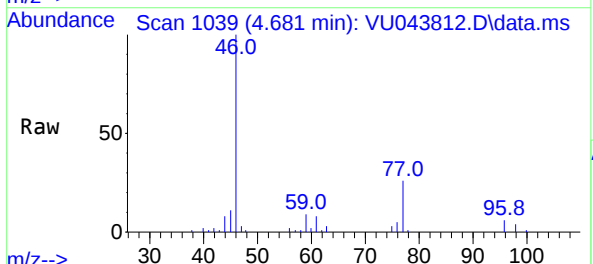
Instrument :
MSVOA_U
ClientSampleId :
C0GJ0DL2

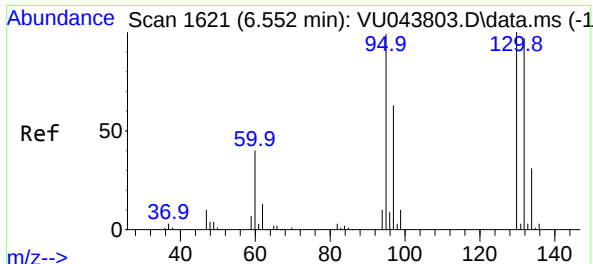
Tgt Ion: 84 Resp: 11435
Ion Ratio Lower Upper
84 100
86 59.2 44.7 82.9
49 111.9 83.1 154.3



#22
cis-1,2-Dichloroethene
Concen: 0.14 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU043812.D
Acq: 18 May 2021 14:32

Tgt Ion: 96 Resp: 2186
Ion Ratio Lower Upper
96 100
61 124.0 89.0 165.4
98 66.0 44.9 83.3





#34

Trichloroethene

Concen: 12.63 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU043812.D

Acq: 18 May 2021 14:32

Tgt Ion: 95 Resp: 209435

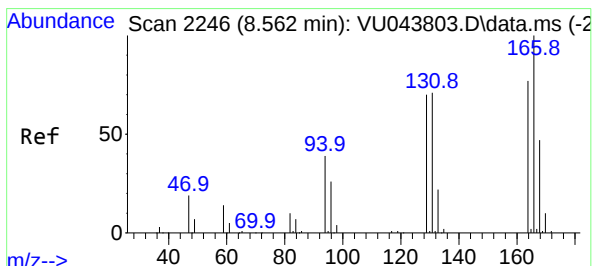
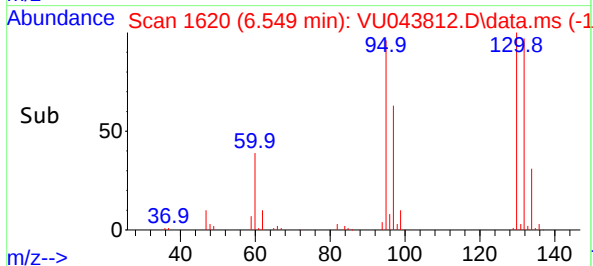
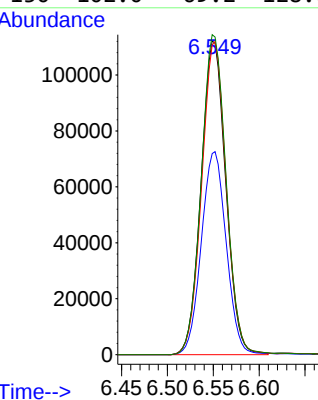
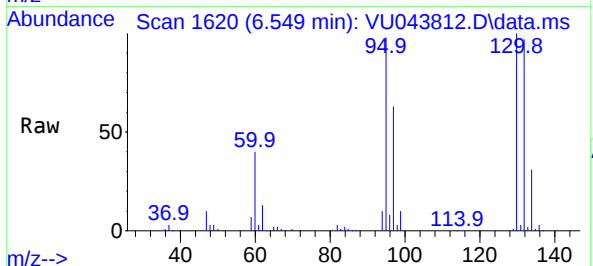
Ion Ratio Lower Upper

95 100

97 64.1 44.3 82.3

132 98.7 66.0 122.6

130 102.0 69.2 128.6



#47

Tetrachloroethene

Concen: 2.89 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VU043812.D

Acq: 18 May 2021 14:32

Tgt Ion: 164 Resp: 38766

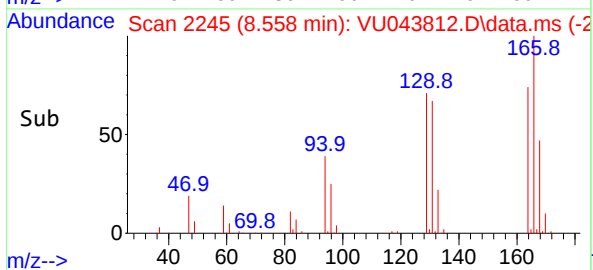
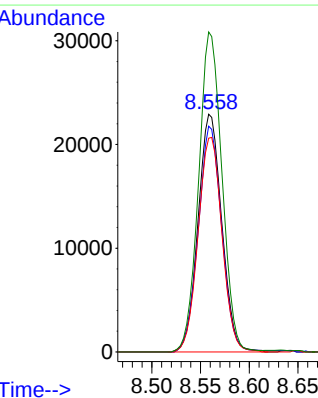
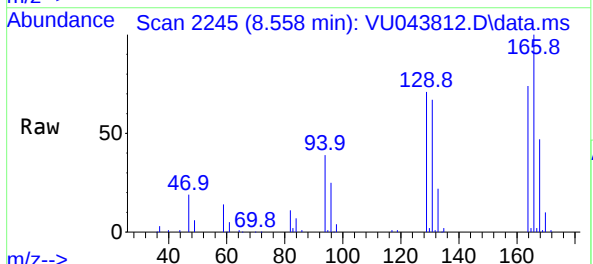
Ion Ratio Lower Upper

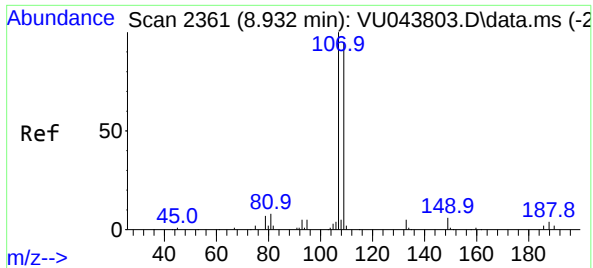
164 100

129 94.9 64.1 119.1

131 89.9 61.2 113.8

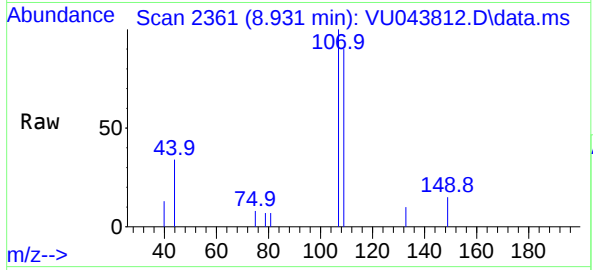
166 134.6 87.8 163.2





#50
 1,2-Dibromoethane
 Concen: 0.24 ug/L
 RT: 8.931 min Scan# 2361
 Delta R.T. -0.000 min
 Lab File: VU043812.D
 Acq: 18 May 2021 14:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GJ0DL2



Tgt Ion:107 Resp: 2778
 Ion Ratio Lower Upper
 107 100
 109 89.5 67.7 125.7
 188 0.0 3.3 4.9#

