

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043809.D
 Acq On : 18 May 2021 13:13
 Operator : SY/MD
 Sample : M2396-05DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GJ0DL

Quant Time: May 19 01:41:54 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

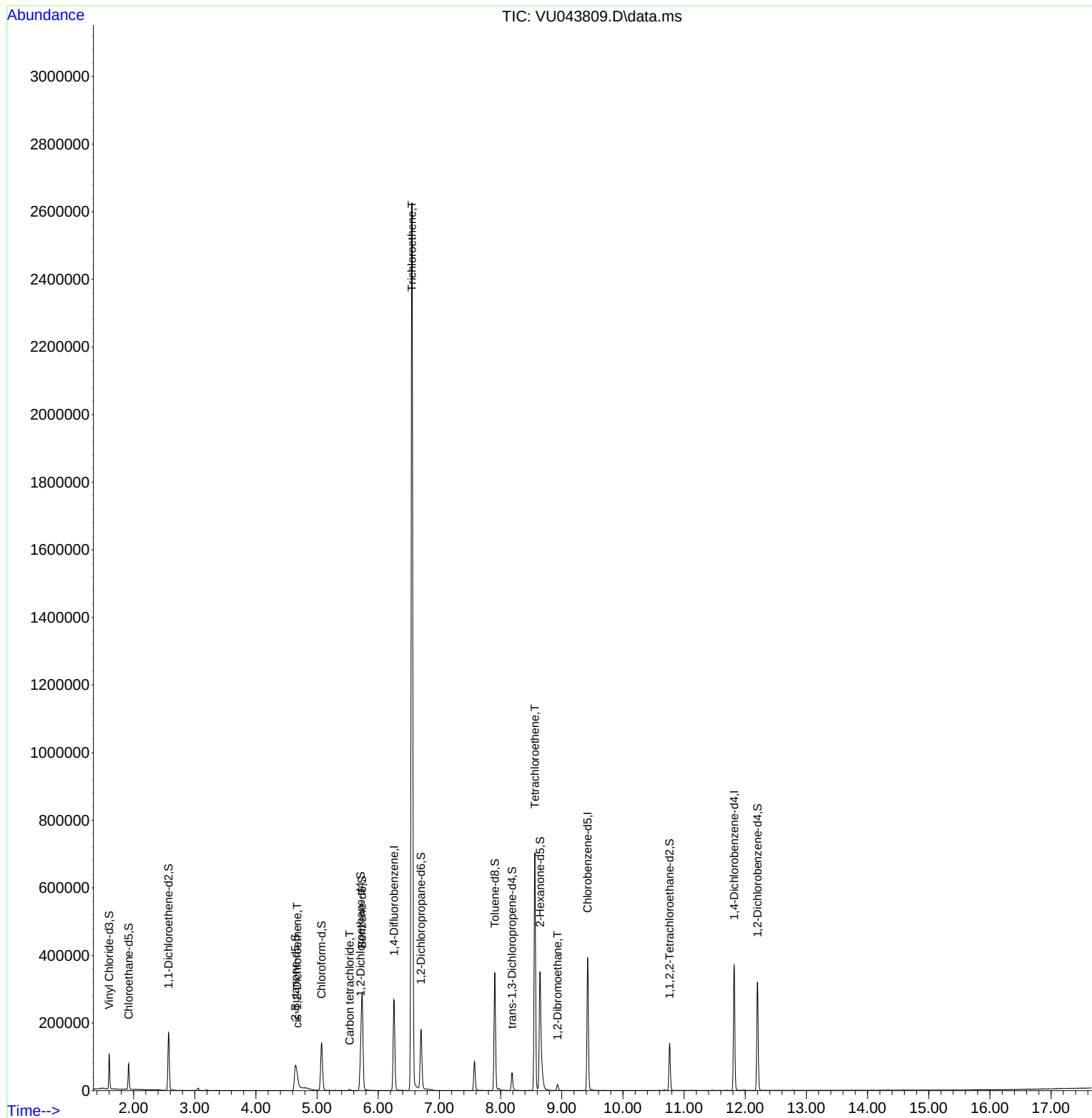
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	220114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	227762	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103877	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	72316	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.919	69	54097	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.572	65	32544	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.645	46	156632	50.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.52%
24) Chloroform-d	5.073	84	133108	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.713	65	68658	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.735	84	273009	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.700	67	90114	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.906	98	237369	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	8.186	79	30316	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.645	63	148140	48.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.12%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71905	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	90471	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%
Target Compounds						
22) cis-1,2-Dichloroethene	4.674	96	8656	0.54	ug/L	97
31) Carbon tetrachloride	5.533	117	2122	0.11	ug/L	98
34) Trichloroethene	6.549	95	913824	54.06	ug/L	97
47) Tetrachloroethene	8.562	164	165891	12.14	ug/L	98
50) 1,2-Dibromoethane	8.931	107	11966	1.03	ug/L #	93

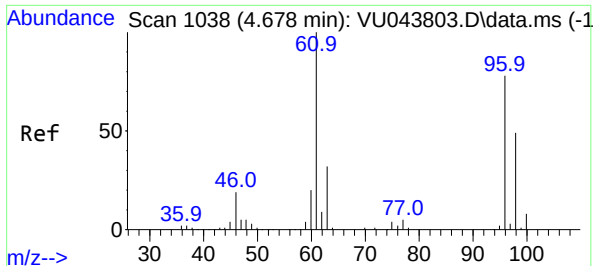
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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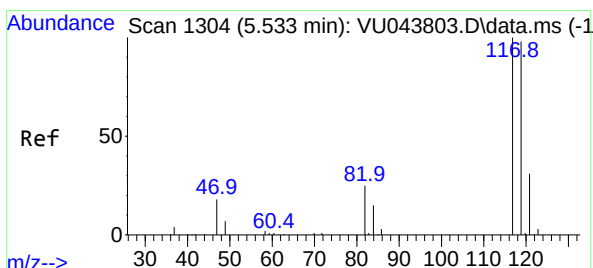
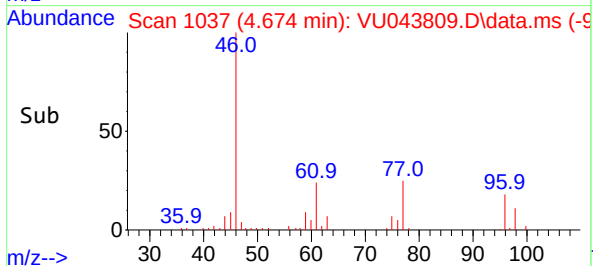
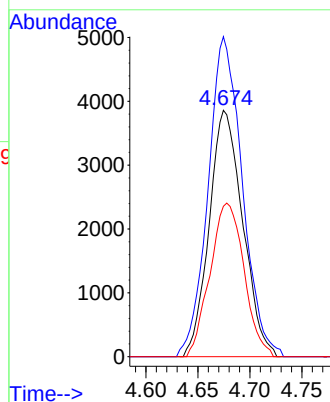
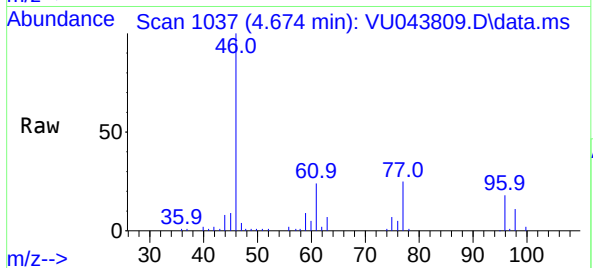




#22
cis-1,2-Dichloroethene
Concen: 0.54 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043809.D
Acq: 18 May 2021 13:13

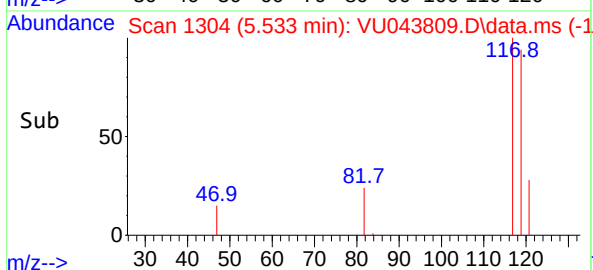
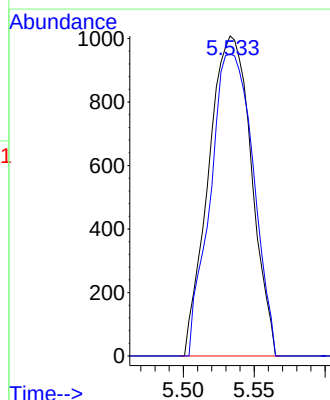
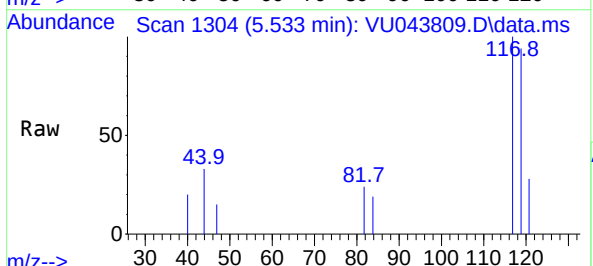
Instrument :
MSVOA_U
ClientSampleId :
C0GJ0DL

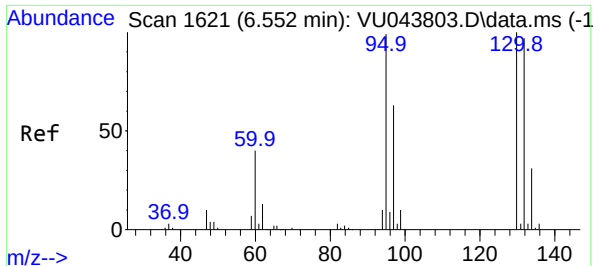
Tgt Ion: 96 Resp: 8656
Ion Ratio Lower Upper
96 100
61 129.8 89.0 165.4
98 61.0 44.9 83.3



#31
Carbon tetrachloride
Concen: 0.11 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043809.D
Acq: 18 May 2021 13:13

Tgt Ion: 117 Resp: 2122
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.0





#34

Trichloroethene

Concen: 54.06 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU043809.D

Acq: 18 May 2021 13:13

Tgt Ion: 95 Resp: 913824

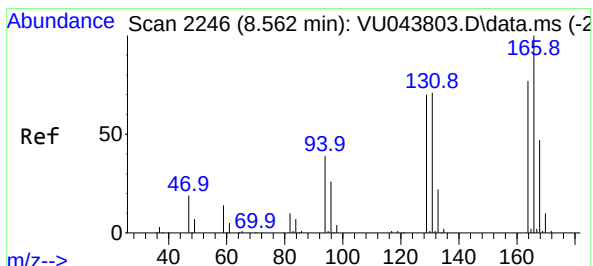
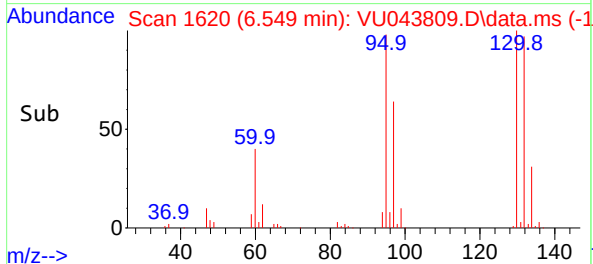
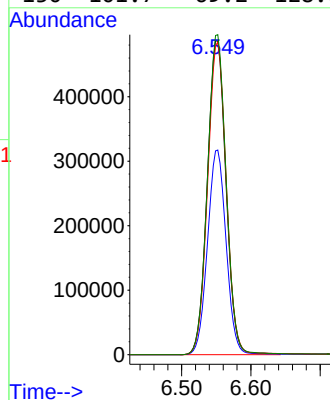
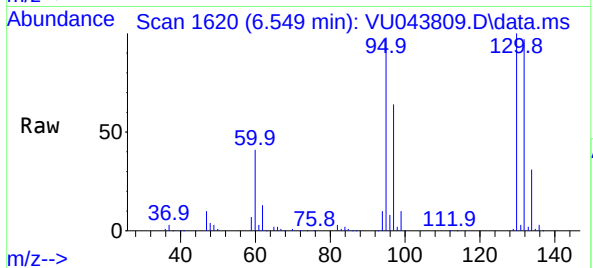
Ion Ratio Lower Upper

95 100

97 65.0 44.3 82.3

132 98.4 66.0 122.6

130 101.7 69.2 128.6



#47

Tetrachloroethene

Concen: 12.14 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU043809.D

Acq: 18 May 2021 13:13

Tgt Ion: 164 Resp: 165891

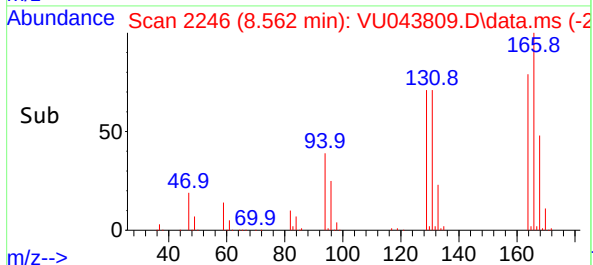
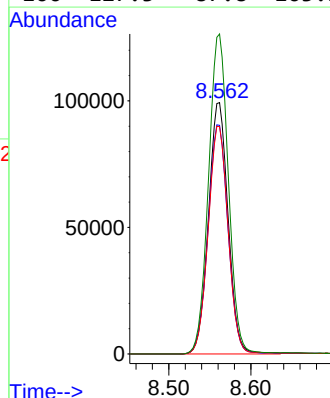
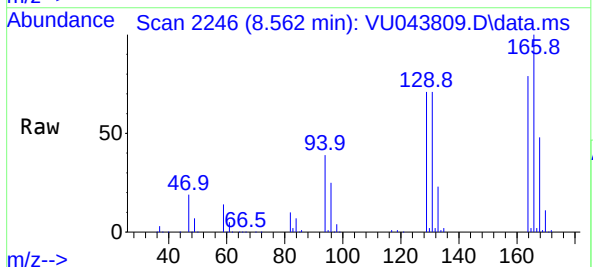
Ion Ratio Lower Upper

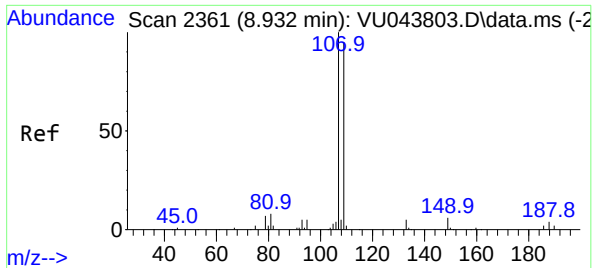
164 100

129 91.0 64.1 119.1

131 90.5 61.2 113.8

166 127.3 87.8 163.2





#50
 1,2-Dibromoethane
 Concen: 1.03 ug/L
 RT: 8.931 min Scan# 2361
 Delta R.T. -0.000 min
 Lab File: VU043809.D
 Acq: 18 May 2021 13:13

Instrument :
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 ClientSampleId :
 C0GJ0DL

Tgt Ion:	107	Resp:	11966
Ion	Ratio	Lower	Upper
107	100		
109	89.3	67.7	125.7
188	2.5	3.3	4.9#

