

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056509.D
 Acq On : 19 Nov 2023 03:44
 Operator : MD/SY
 Sample : 05455-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 04:56:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

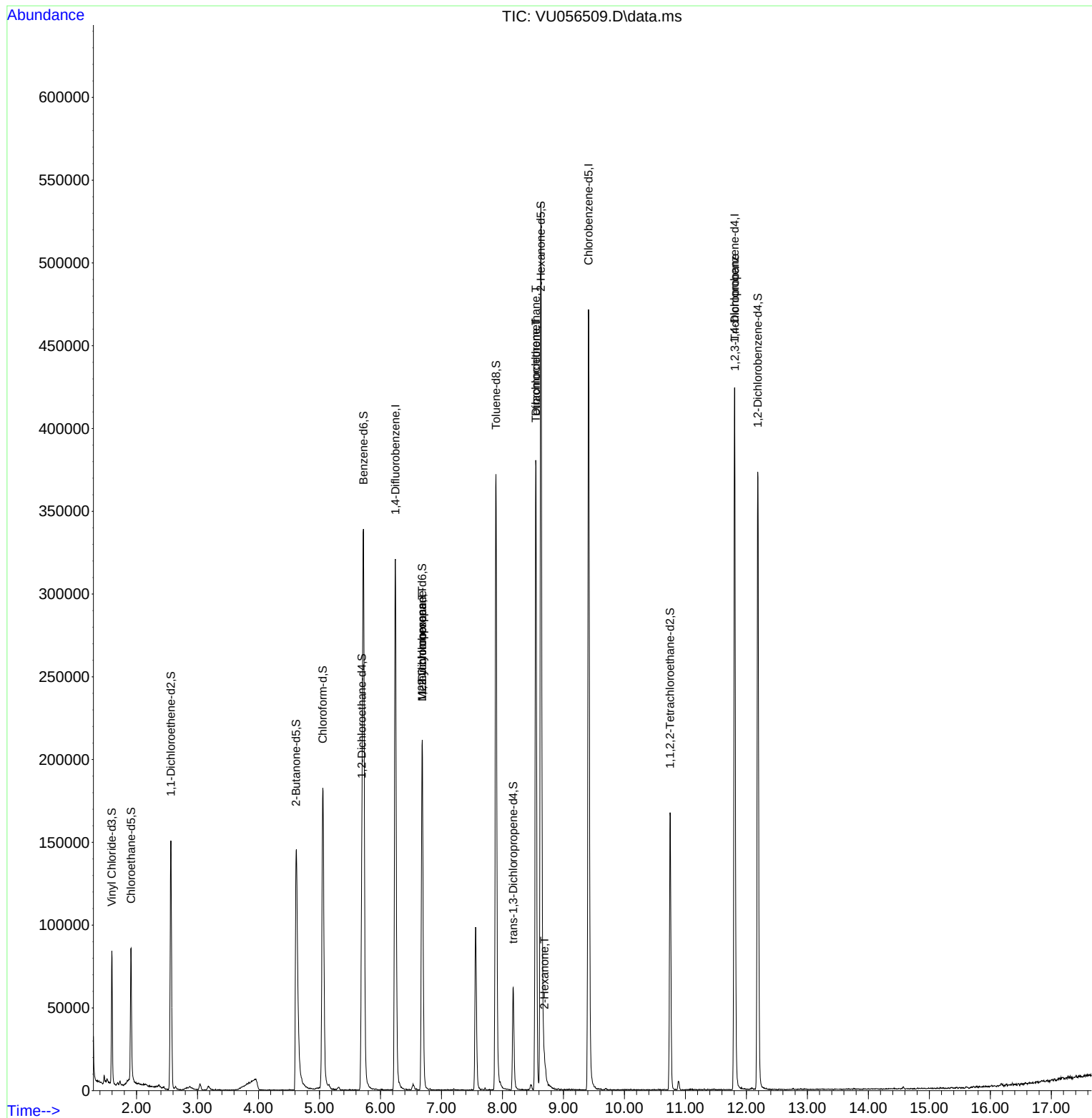
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	266985	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	274915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	113236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56178	2.813	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	56.200%	
7) Chloroethane-d5	1.911	69	58292	3.807	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.200%	
11) 1,1-Dichloroethene-d2	2.563	65	28722	3.259	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.200%	
20) 2-Butanone-d5	4.618	46	237967	59.761	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.520%	
24) Chloroform-d	5.055	84	176243	4.563	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.695	65	94922	5.318	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.400%	
32) Benzene-d6	5.721	84	327972	4.004	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.000%	
36) 1,2-Dichloropropane-d6	6.685	67	104962	4.252	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.000%	
41) Toluene-d8	7.894	98	255877	3.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.800%	
43) trans-1,3-Dichloroprop...	8.177	79	39000	4.119	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.631	63	185741	49.922	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.840%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	84317	4.780	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	101691	4.861	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	24257	0.786	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	11633	0.569	ug/L #	88
47) Tetrachloroethene	8.550	164	84320	5.851	ug/L	98
48) 2-Hexanone	8.689	43	7898	1.000	ug/L #	38
49) Dibromochloromethane	8.547	129	84497	5.454	ug/L #	12
61) 1,2,3-Trichloropropane	11.811	75	14223	1.464	ug/L #	65

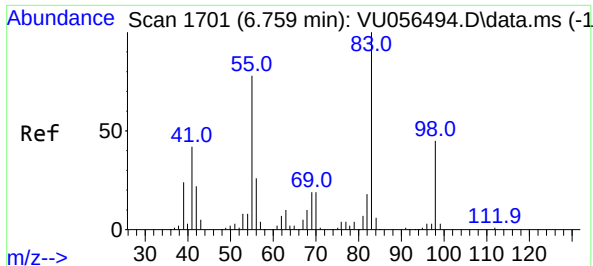
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.786 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056509.D

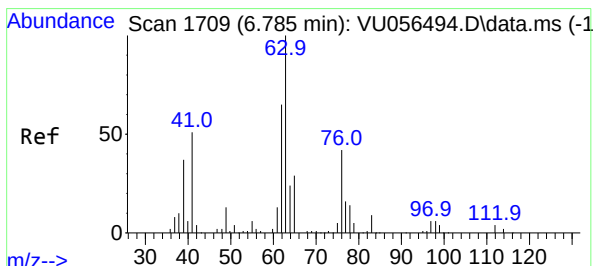
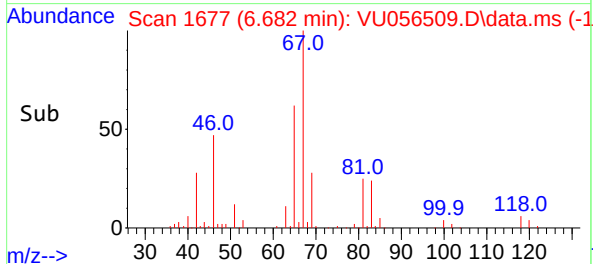
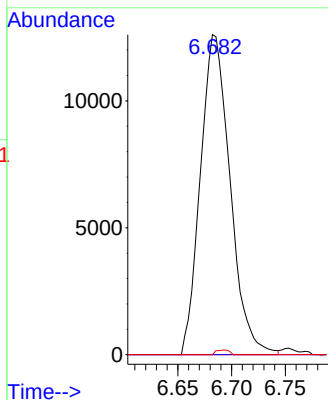
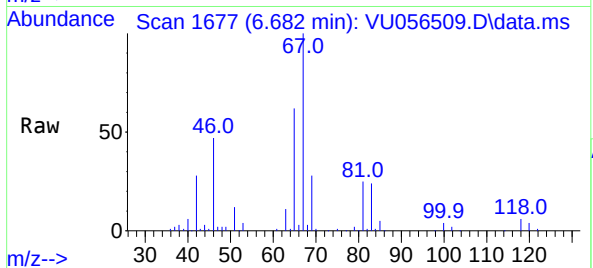
Acq: 19 Nov 2023 03:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 24257
Ion Ratio	Lower Upper
83	100
55	0.0 62.9 94.3#
98	0.6 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.569 ug/L

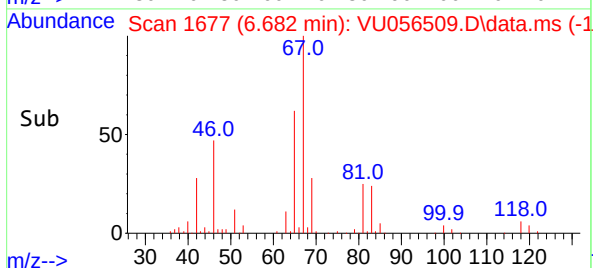
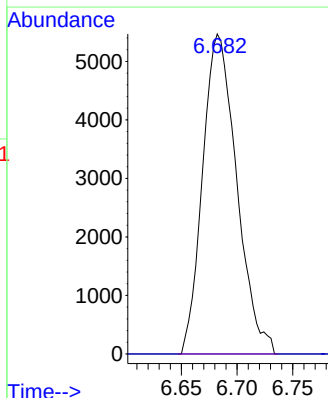
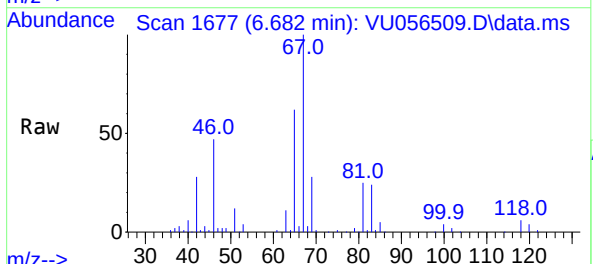
RT: 6.682 min Scan# 1677

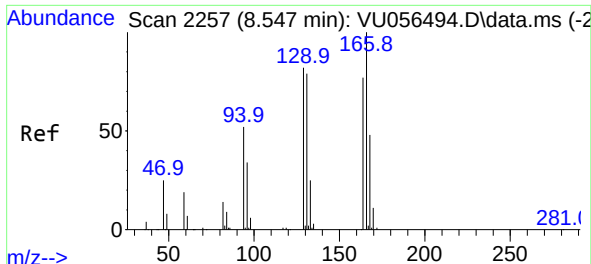
Delta R.T. -0.103 min

Lab File: VU056509.D

Acq: 19 Nov 2023 03:44

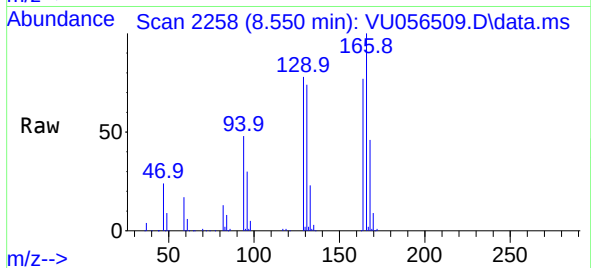
Tgt Ion: 63	Resp: 11633
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#



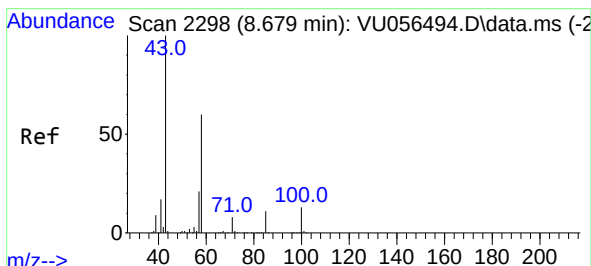
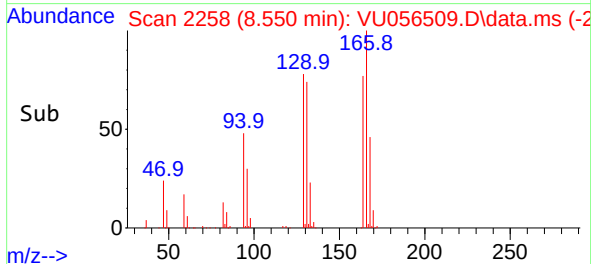
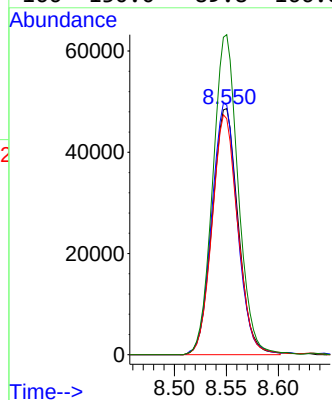


#47
Tetrachloroethene
Concen: 5.851 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056509.D
Acq: 19 Nov 2023 03:44

Instrument :
MSVOA_U
ClientSampleId :

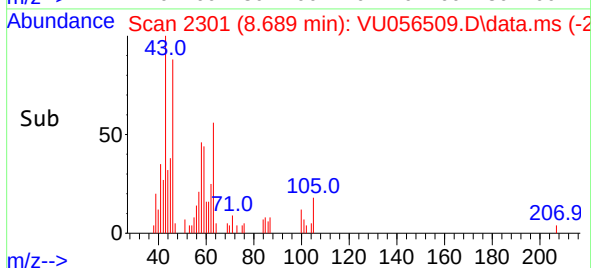
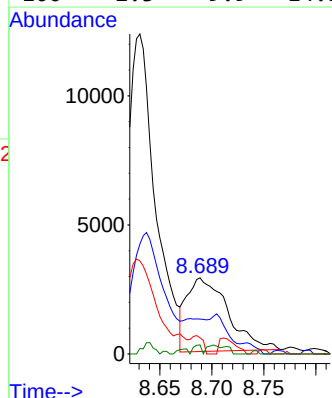
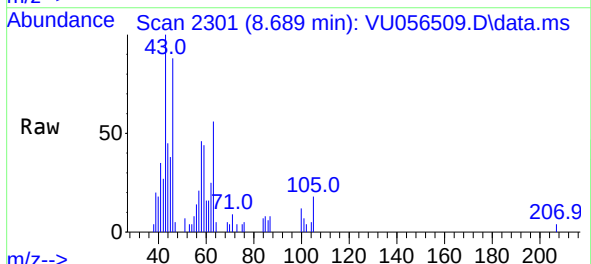


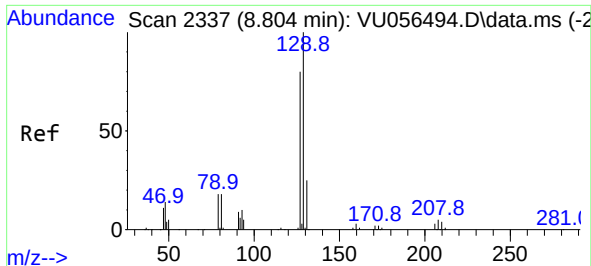
Tgt Ion:164 Resp: 84320
Ion Ratio Lower Upper
164 100
129 101.4 71.0 131.9
131 95.9 70.3 130.7
166 130.0 89.8 166.8



#48
2-Hexanone
Concen: 1.000 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.010 min
Lab File: VU056509.D
Acq: 19 Nov 2023 03:44

Tgt Ion: 43 Resp: 7898
Ion Ratio Lower Upper
43 100
58 0.0 48.7 73.1#
57 6.2 16.8 25.2#
100 2.3 9.9 14.9#





#49

Dibromochloromethane

Concen: 5.454 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056509.D

Acq: 19 Nov 2023 03:44

Instrument :

MSVOA_U

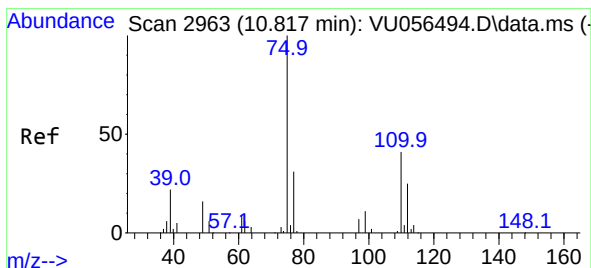
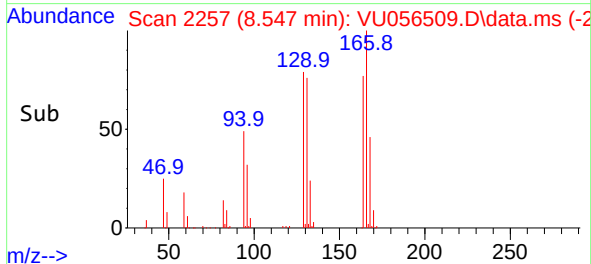
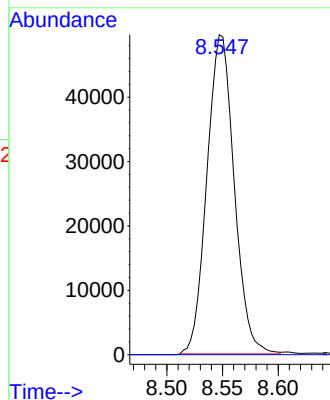
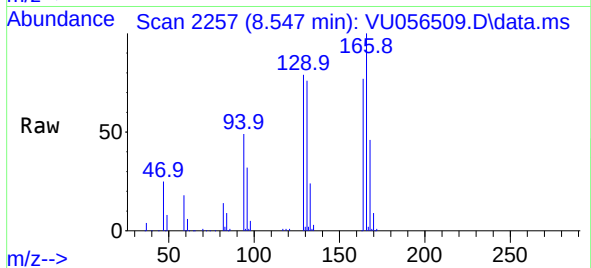
ClientSampleId :

Tgt Ion:129 Resp: 84497

Ion Ratio Lower Upper

129 100

127 0.0 52.9 98.3#



#61

1,2,3-Trichloropropane

Concen: 1.464 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU056509.D

Acq: 19 Nov 2023 03:44

Tgt Ion: 75 Resp: 14223

Ion Ratio Lower Upper

75 100

110 2.7 30.4 45.6#

77 29.4 27.0 40.6

