

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057068.D
 Acq On : 20 Dec 2023 01:14
 Operator : MD/SY
 Sample : 05865-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 06:57:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 06:35:40 2023
 Response via : Initial Calibration

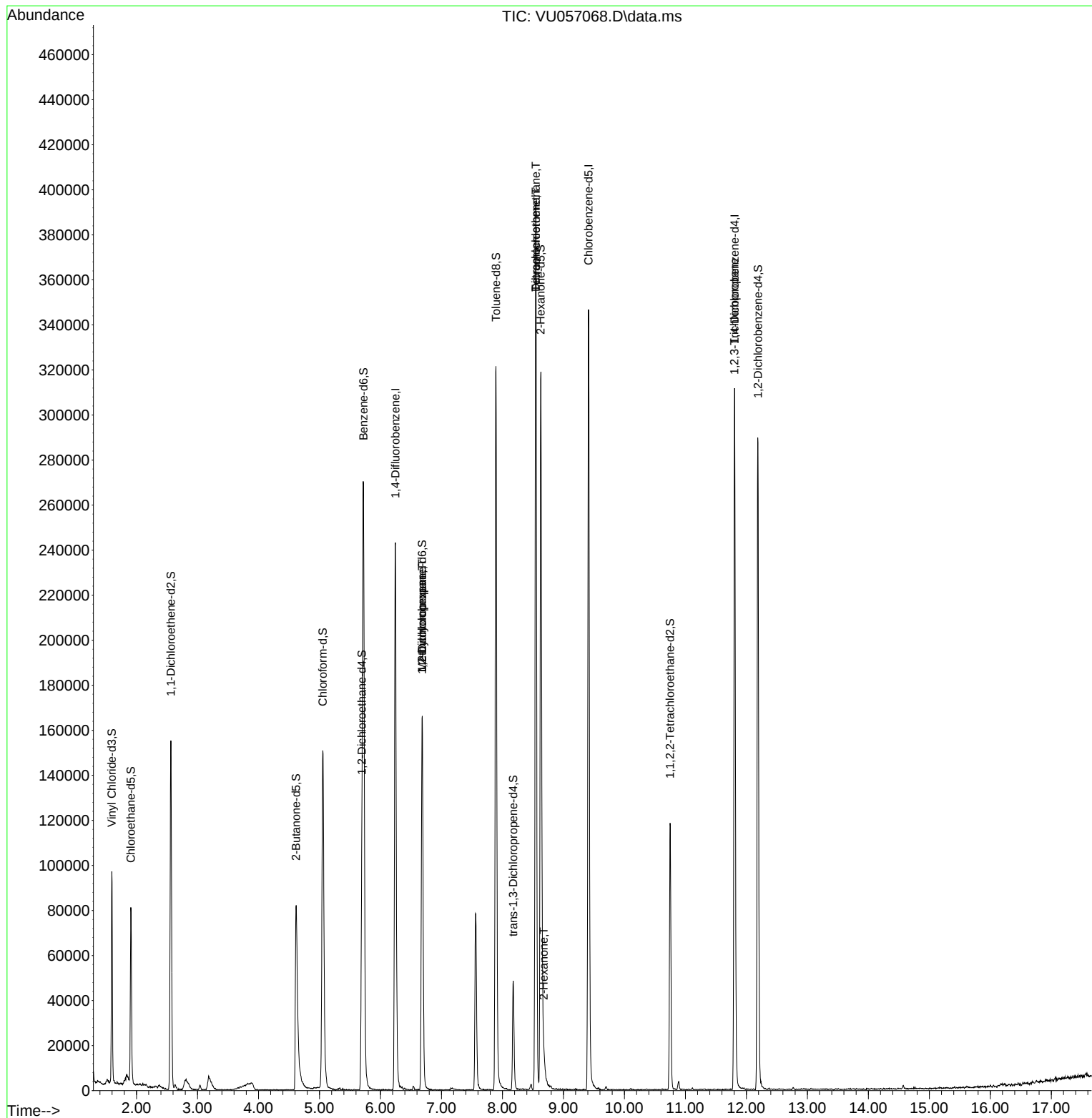
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	192557	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	193258	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84415	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	67542	4.092	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.800%	
7) Chloroethane-d5	1.907	69	59247	4.797	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.563	65	30641	4.339	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.800%	
20) 2-Butanone-d5	4.618	46	126895	38.930	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.860%	
24) Chloroform-d	5.055	84	146598	4.690	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.695	65	71224	4.816	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.721	84	262331	4.376	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.685	67	80576	4.295	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.894	98	220382	4.113	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	8.177	79	29547	4.061	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.200%	
46) 2-Hexanone-d5	8.627	63	105361	38.394	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.780%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58324	4.296	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	77686	4.682	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	19106	0.695	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	9755	0.561	ug/L #	88
47) Tetrachloroethene	8.547	164	85166	6.532	ug/L	97
48) 2-Hexanone	8.679	43	4179	0.711	ug/L #	47
49) Dibromochloromethane	8.547	129	87033	6.446	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	10529	1.162	ug/L #	69

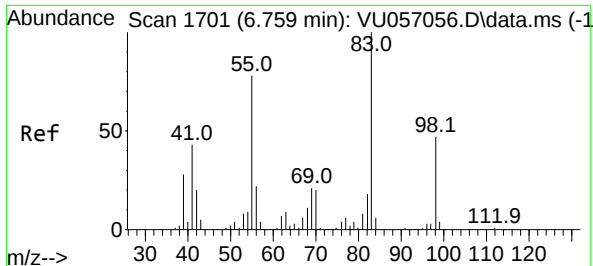
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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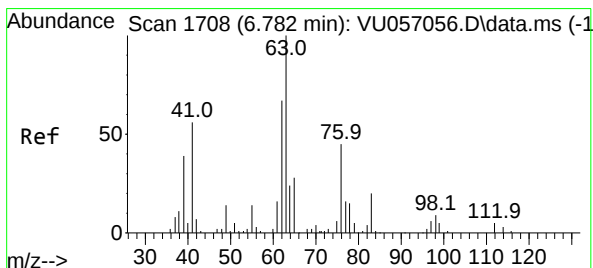
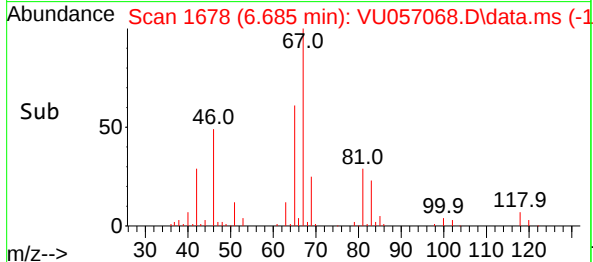
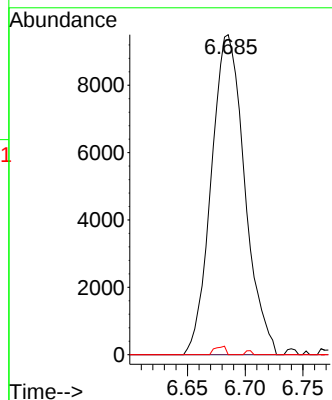
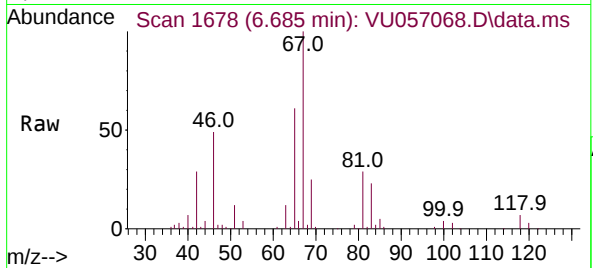




#35
Methylcyclohexane
Concen: 0.695 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057068.D
Acq: 20 Dec 2023 01:14

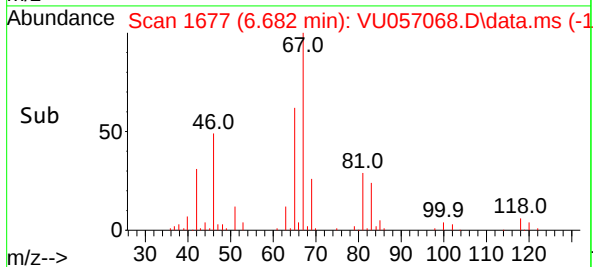
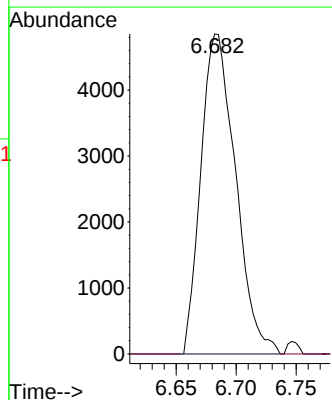
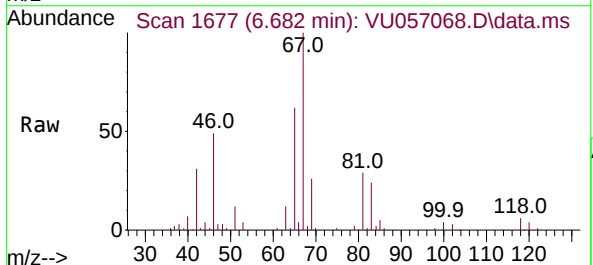
Instrument :
MSVOA_U
ClientSampleId :

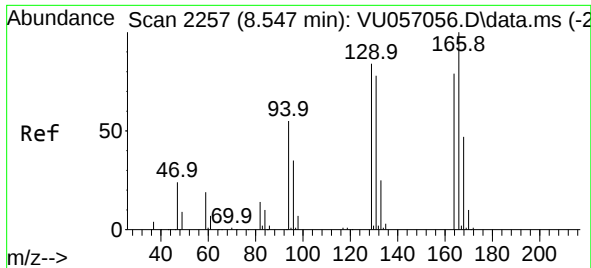
Tgt Ion: 83 Resp: 19106
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.9 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU057068.D
Acq: 20 Dec 2023 01:14

Tgt Ion: 63 Resp: 9755
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 6.532 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057068.D

Acq: 20 Dec 2023 01:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 85166

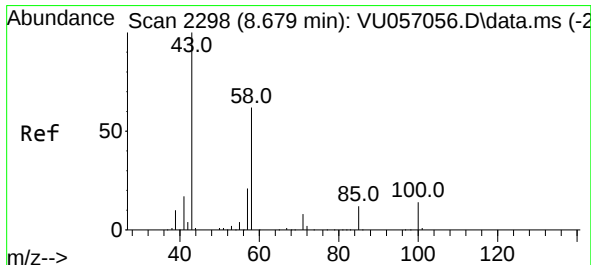
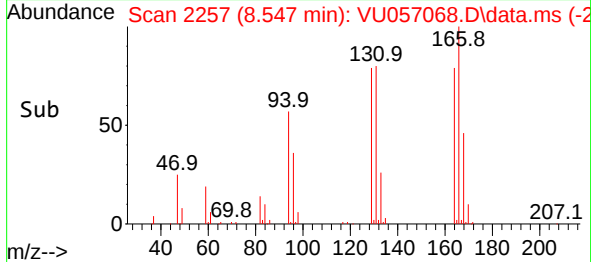
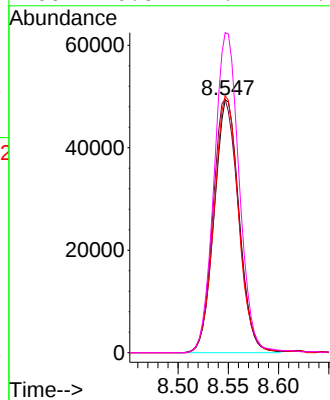
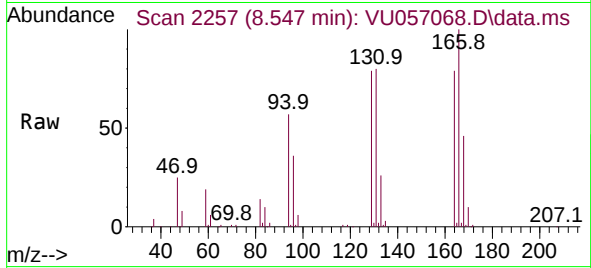
Ion Ratio Lower Upper

164 100

129 100.4 73.4 136.4

131 101.7 71.5 132.9

166 126.6 92.7 172.1



#48

2-Hexanone

Concen: 0.711 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VU057068.D

Acq: 20 Dec 2023 01:14

Tgt Ion: 43 Resp: 4179

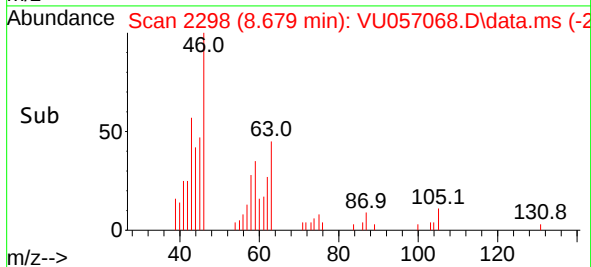
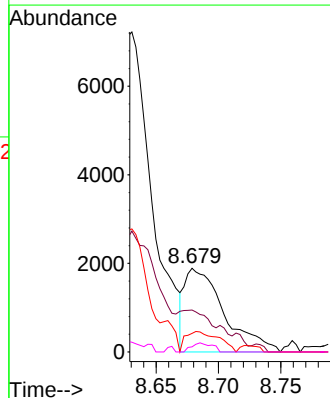
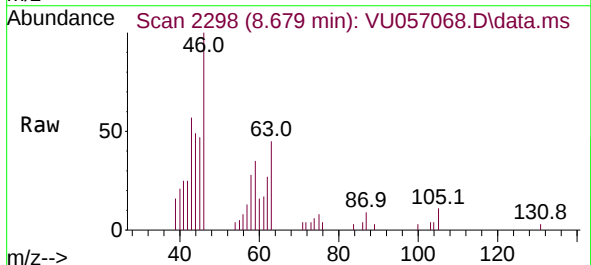
Ion Ratio Lower Upper

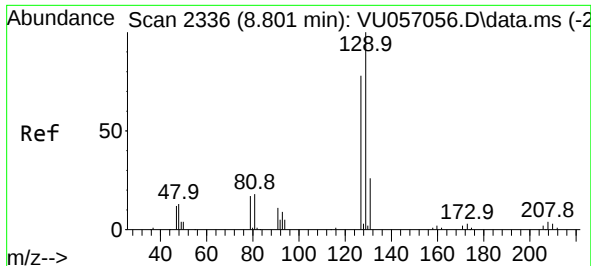
43 100

58 0.0 47.5 71.3#

57 20.4 17.0 25.4

100 5.6 9.8 14.8#





#49

Dibromochloromethane

Concen: 6.446 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min MSVOA_U

Lab File: VU057068.D

Acq: 20 Dec 2023 01:14

Instrument :

MSVOA_U

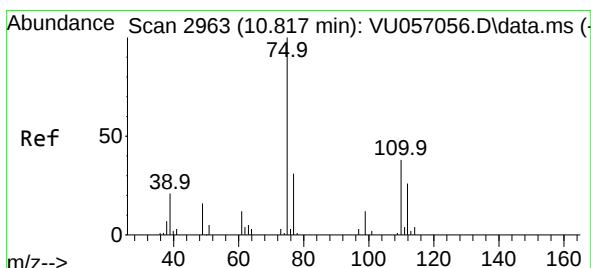
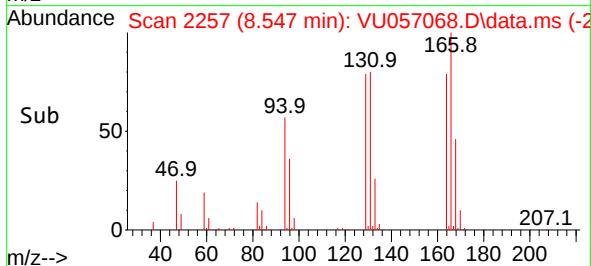
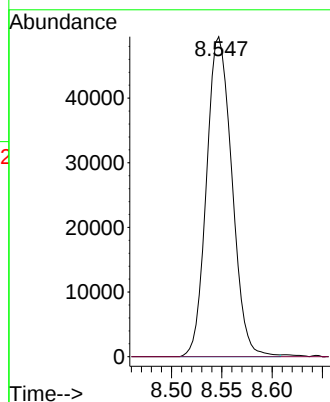
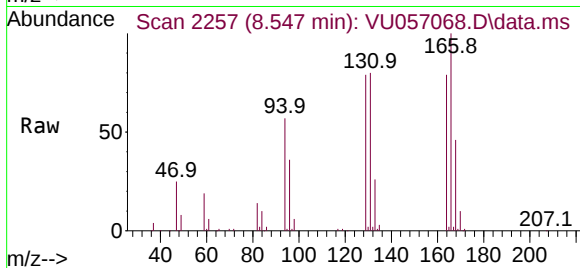
ClientSampleId :

Tgt Ion:129 Resp: 87033

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.162 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU057068.D

Acq: 20 Dec 2023 01:14

Tgt Ion: 75 Resp: 10529

Ion Ratio Lower Upper

75 100

110 2.5 28.4 42.6#

77 30.5 26.3 39.5

