

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
 Data File : VU056970.D
 Acq On : 17 Dec 2023 16:03
 Operator : MD/SY
 Sample : 05842-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:18:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 01:16:15 2023
 Response via : Initial Calibration

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

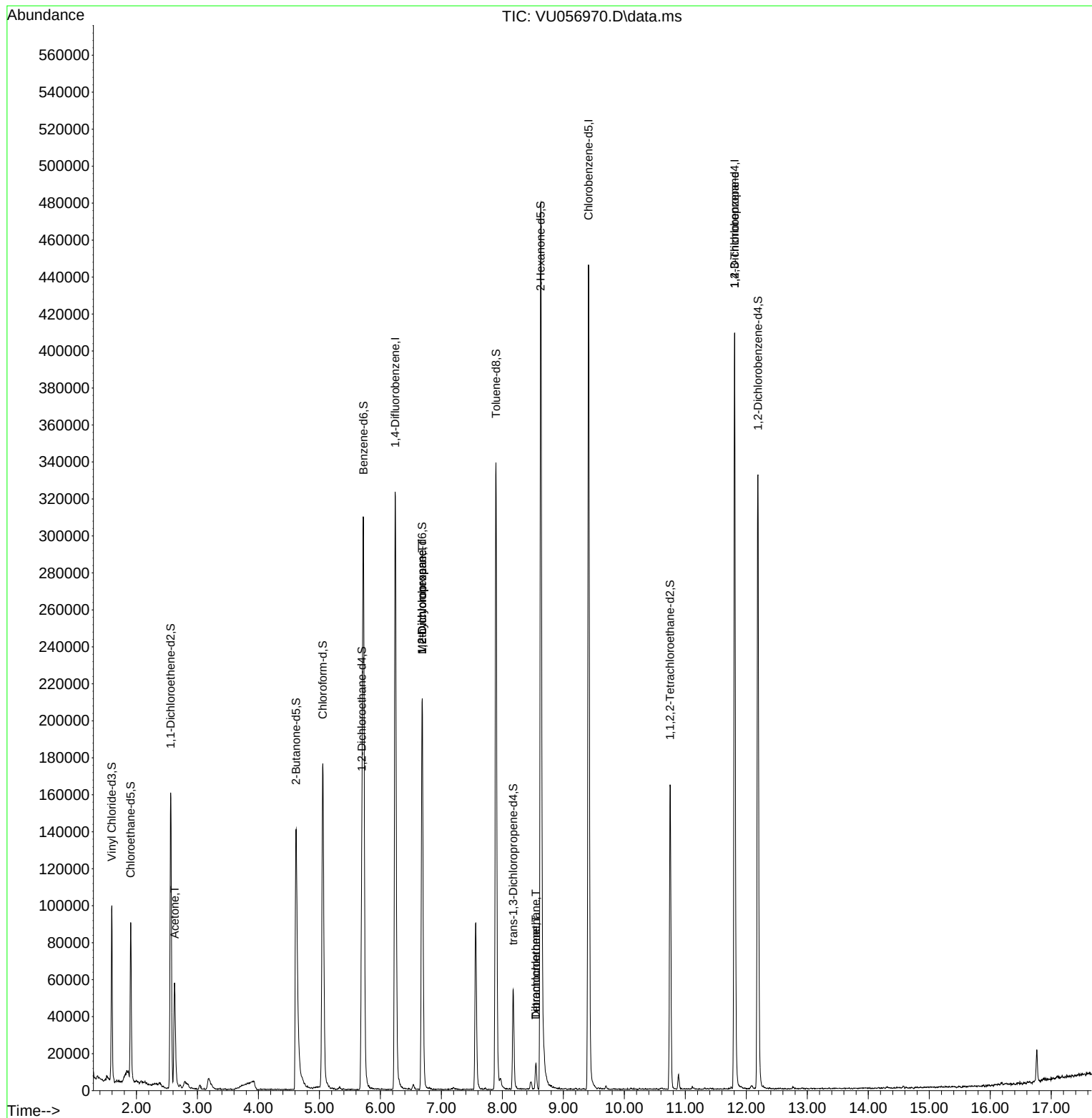
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	260534	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	262576	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106814	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	67769	3.035	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.904	69	65863	3.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	31199	3.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	4.618	46	221545	50.234	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.460%
24) Chloroform-d	5.055	84	165752	3.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
26) 1,2-Dichloroethane-d4	5.695	65	85051	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.721	84	291244	3.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	6.685	67	103435	4.058	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.894	98	231727	3.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.600%#
43) trans-1,3-Dichloroprop...	8.177	79	32833	3.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.400%
46) 2-Hexanone-d5	8.627	63	158036	42.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.780%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83061	4.503	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	89903	4.282	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
13) Acetone	2.625	43	68455	25.470	ug/L	99
35) Methylcyclohexane	6.685	83	25181	0.674	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	11371	0.482	ug/L #	89
47) Tetrachloroethene	8.550	164	2845	0.161	ug/L	97
49) Dibromochloromethane	8.547	129	3204	0.175	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	14449	1.260	ug/L #	67

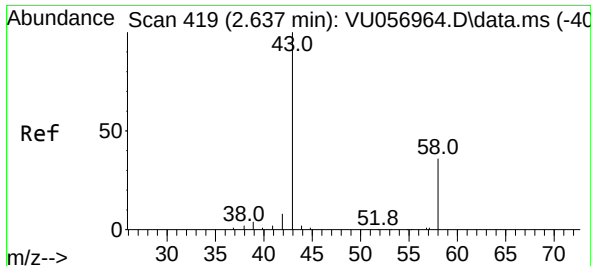
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#13

Acetone

Concen: 25.470 ug/L

RT: 2.625 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU056970.D

Acq: 17 Dec 2023 16:03

Instrument :

MSVOA_U

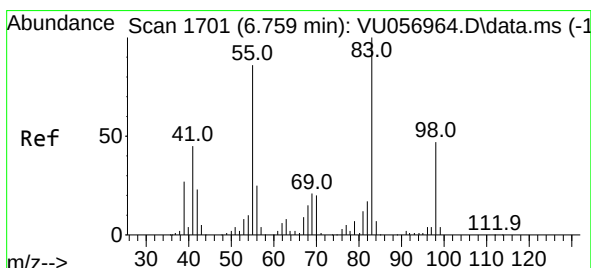
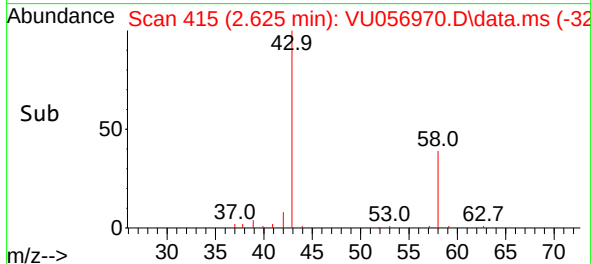
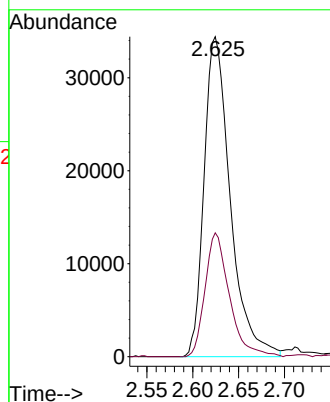
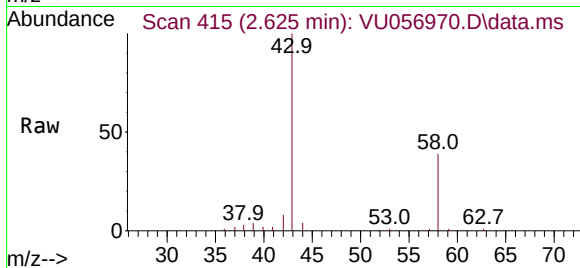
ClientSampleId :

Tgt Ion: 43 Resp: 68455

Ion Ratio Lower Upper

43 100

58 35.9 0.0 72.6



#35

Methylcyclohexane

Concen: 0.674 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056970.D

Acq: 17 Dec 2023 16:03

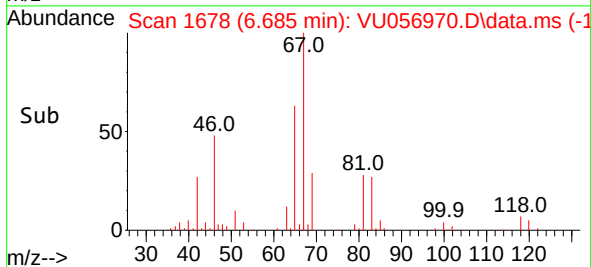
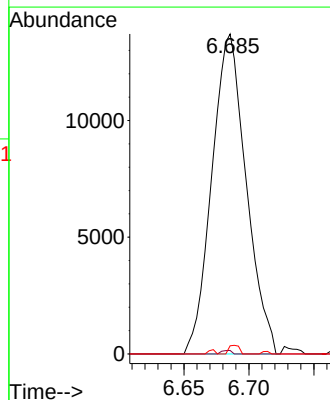
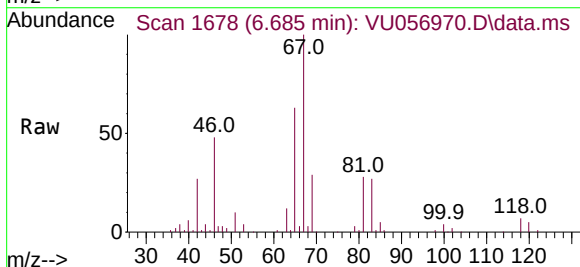
Tgt Ion: 83 Resp: 25181

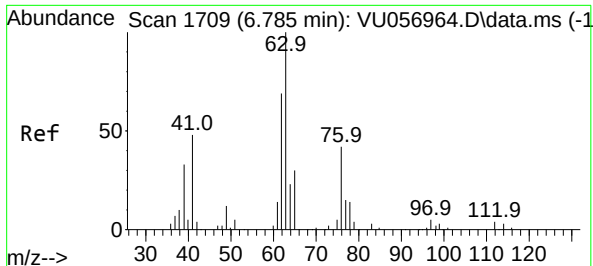
Ion Ratio Lower Upper

83 100

55 0.3 64.6 97.0#

98 0.8 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.482 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056970.D

Acq: 17 Dec 2023 16:03

Instrument :

MSVOA_U

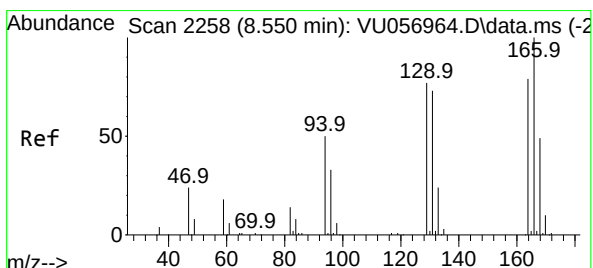
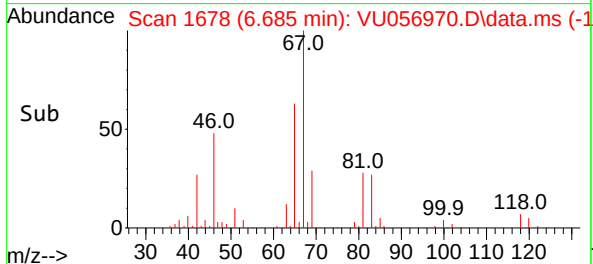
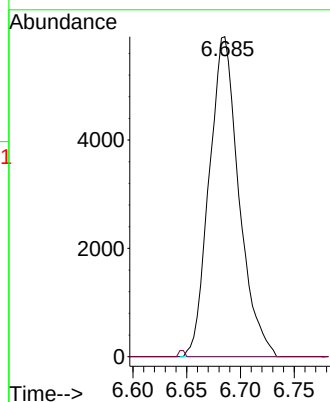
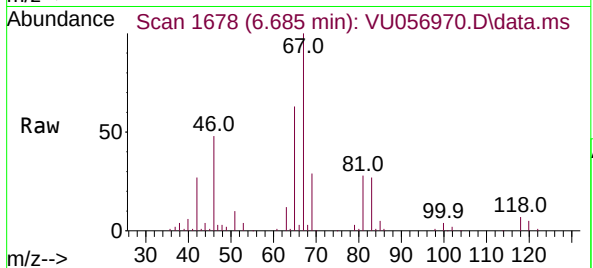
ClientSampleId :

Tgt Ion: 63 Resp: 11371

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#



#47

Tetrachloroethene

Concen: 0.161 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056970.D

Acq: 17 Dec 2023 16:03

Tgt Ion:164 Resp: 2845

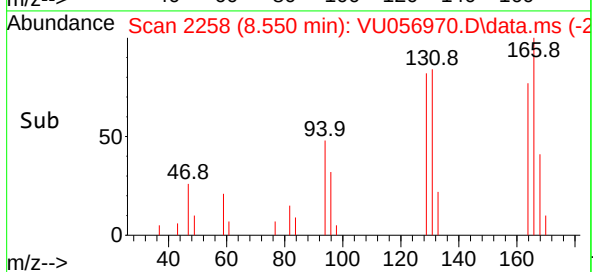
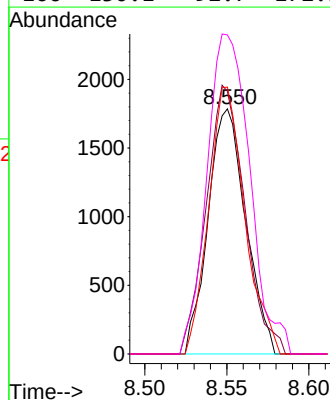
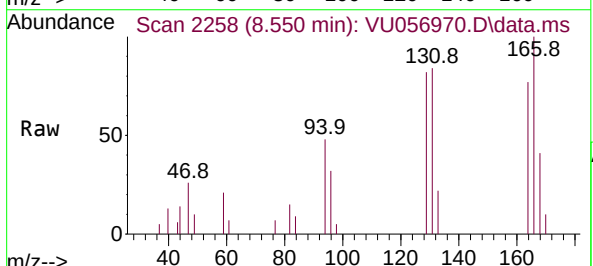
Ion Ratio Lower Upper

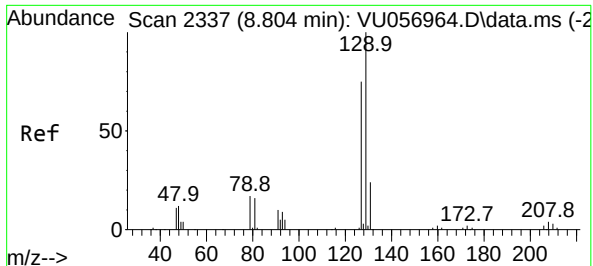
164 100

129 107.1 73.4 136.4

131 108.8 71.5 132.9

166 130.1 92.7 172.1





#49

Dibromochloromethane

Concen: 0.175 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056970.D

Acq: 17 Dec 2023 16:03

Instrument :

MSVOA_U

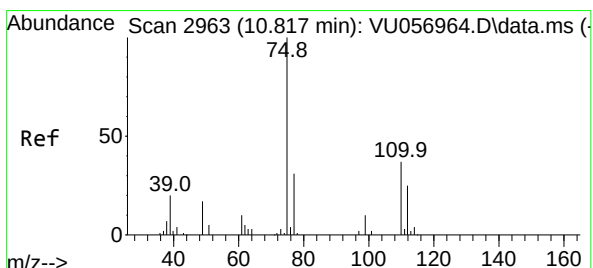
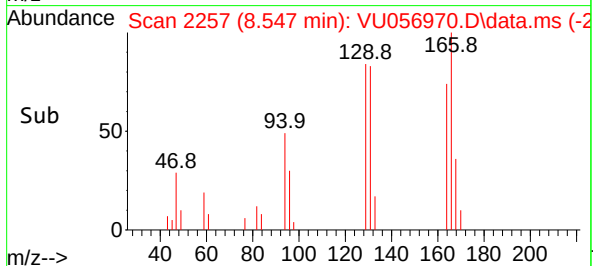
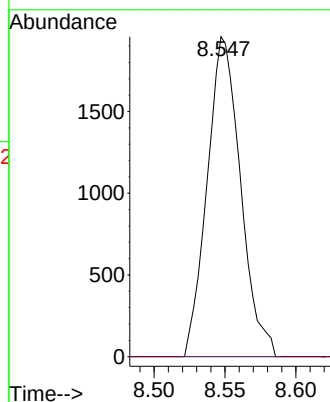
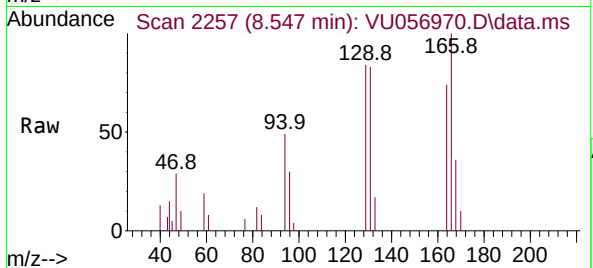
ClientSampleId :

Tgt Ion:129 Resp: 3204

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.260 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056970.D

Acq: 17 Dec 2023 16:03

Tgt Ion: 75 Resp: 14449

Ion Ratio Lower Upper

75 100

110 2.0 28.4 42.6#

77 29.0 26.3 39.5

