

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057070.D
 Acq On : 20 Dec 2023 02:03
 Operator : MD/SY
 Sample : 05865-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 06:57:44 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)

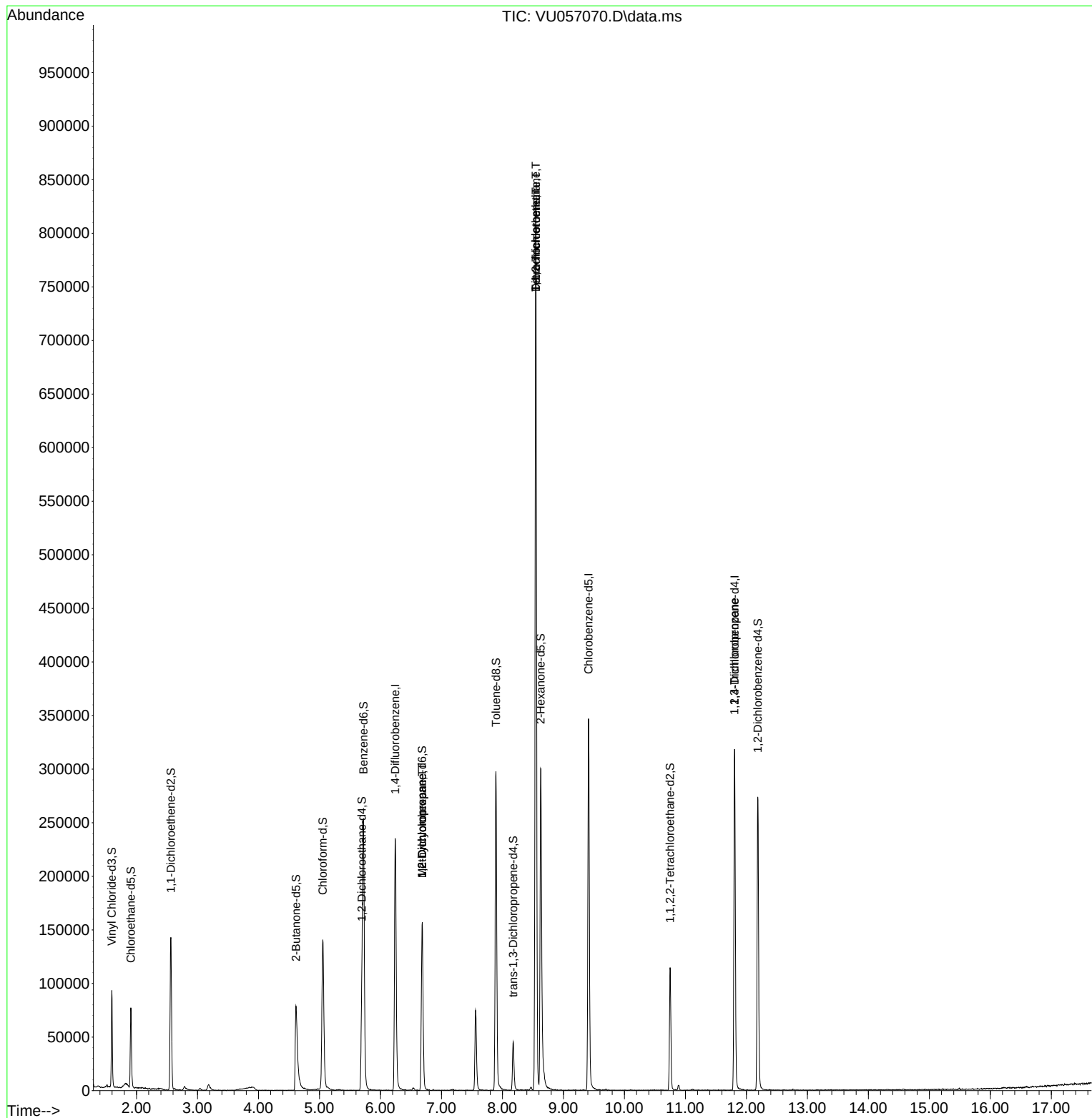
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	191907	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	196902	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83387	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	62976	3.828	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.907	69	56150	4.561	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.563	65	28838	4.097	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.615	46	120002	36.940	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.880%
24) Chloroform-d	5.055	84	136462	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.695	65	67485	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.721	84	242129	3.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.685	67	73394	3.839	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.894	98	206902	3.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.177	79	29213	3.941	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.627	63	101339	36.245	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55055	3.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	73894	4.508	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	18638	0.665	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	8887	0.502	ug/L #	91
45) 1,1,2-Trichloroethane	8.547	97	1677	0.140	ug/L #	19
47) Tetrachloroethene	8.547	164	173695	13.075	ug/L	96
49) Dibromochloromethane	8.547	129	179085	13.019	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	10424	1.164	ug/L #	69

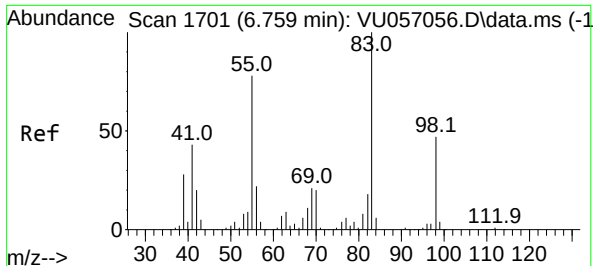
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.665 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057070.D

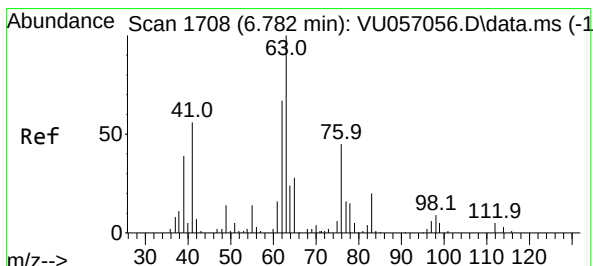
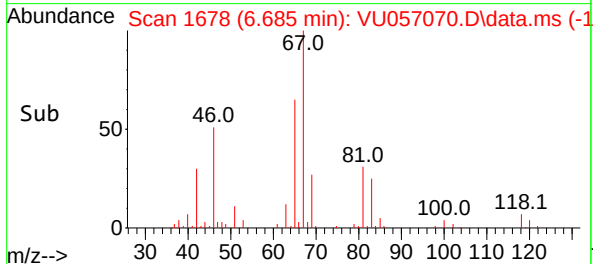
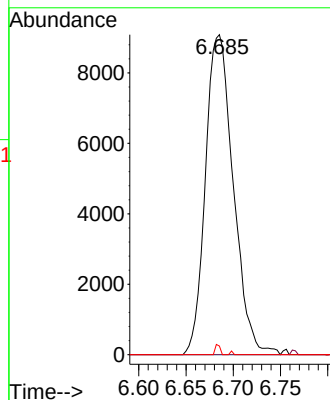
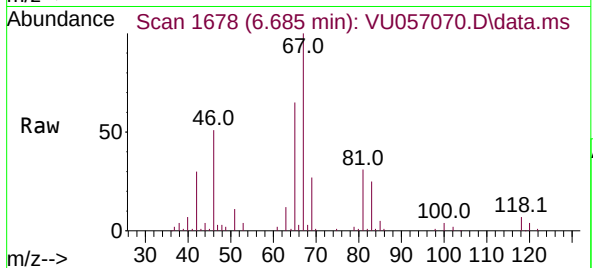
Acq: 20 Dec 2023 02:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 18638
Ion Ratio	Lower Upper
83	100
55	0.0 64.6 97.0#
98	0.6 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.502 ug/L

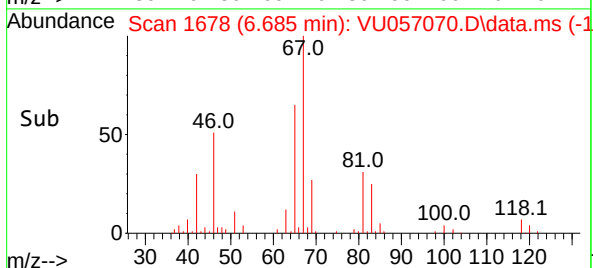
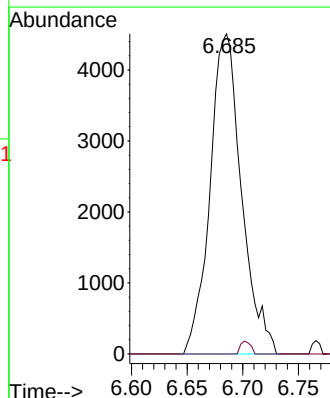
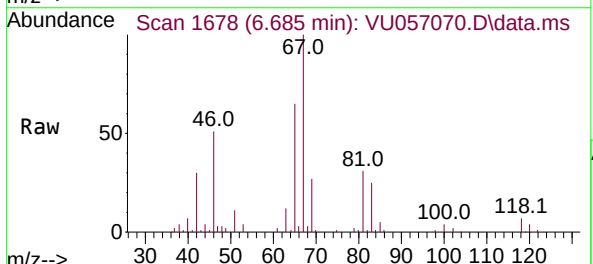
RT: 6.685 min Scan# 1678

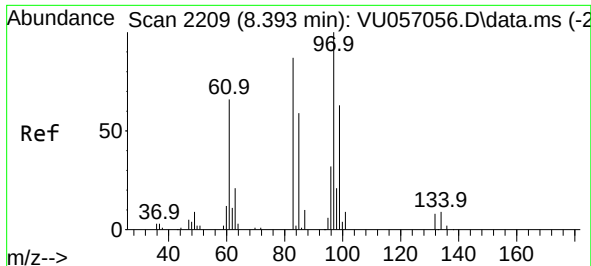
Delta R.T. -0.096 min

Lab File: VU057070.D

Acq: 20 Dec 2023 02:03

Tgt Ion: 63	Resp: 8887
Ion Ratio	Lower Upper
63	100
112	1.3 3.3 4.9#





#45

1,1,2-Trichloroethane

Concen: 0.140 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.154 min

Lab File: VU057070.D

Acq: 20 Dec 2023 02:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 1677

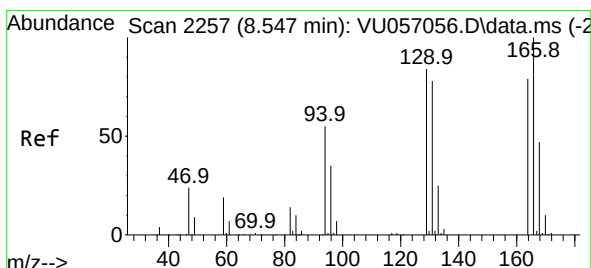
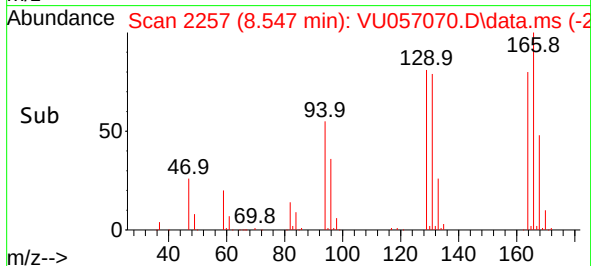
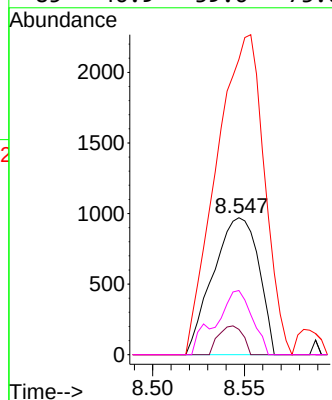
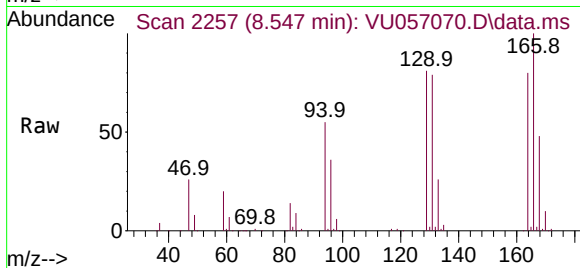
Ion Ratio Lower Upper

97 100

99 18.5 41.9 77.9#

83 215.8 59.1 109.7#

85 46.9 39.6 73.6



#47

Tetrachloroethene

Concen: 13.075 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057070.D

Acq: 20 Dec 2023 02:03

Tgt Ion:164 Resp: 173695

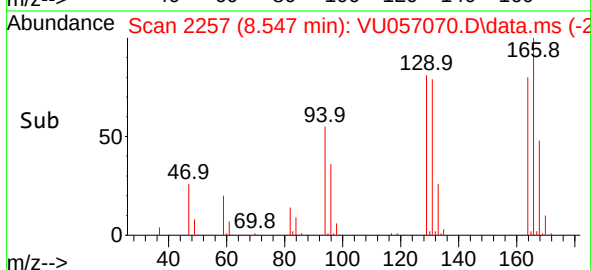
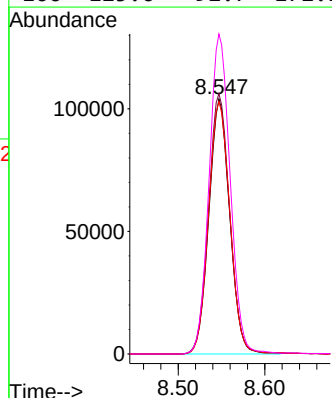
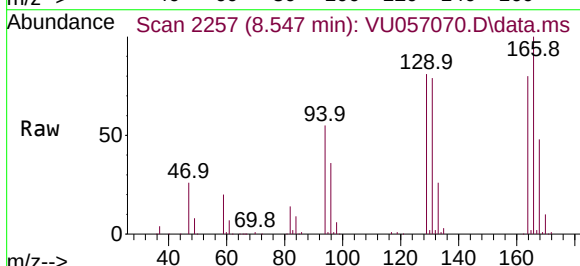
Ion Ratio Lower Upper

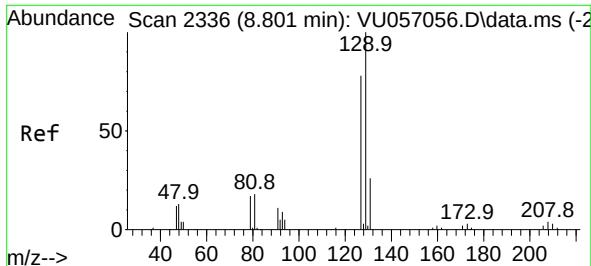
164 100

129 102.1 73.4 136.4

131 99.0 71.5 132.9

166 125.6 92.7 172.1





#49

Dibromochloromethane

Concen: 13.019 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU057070.D

Acq: 20 Dec 2023 02:03

Instrument :

MSVOA_U

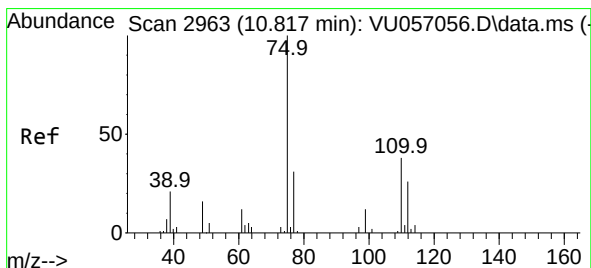
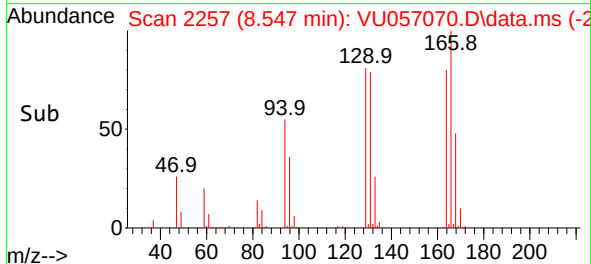
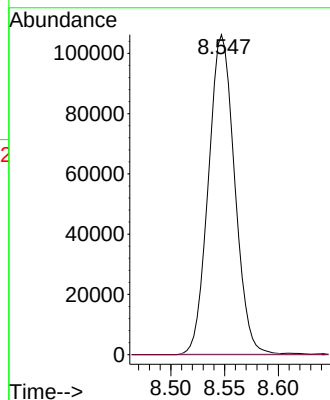
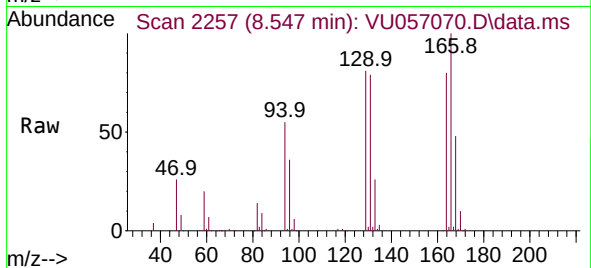
ClientSampleId :

Tgt Ion:129 Resp: 179085

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.164 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU057070.D

Acq: 20 Dec 2023 02:03

Tgt Ion: 75 Resp: 10424

Ion Ratio Lower Upper

75 100

110 3.1 28.4 42.6#

77 35.8 26.3 39.5

