

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057599.D
 Acq On : 24 Jan 2024 04:24
 Operator : MD/SY
 Sample : P1227-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 05:28:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 01:55:34 2024
 Response via : Initial Calibration

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

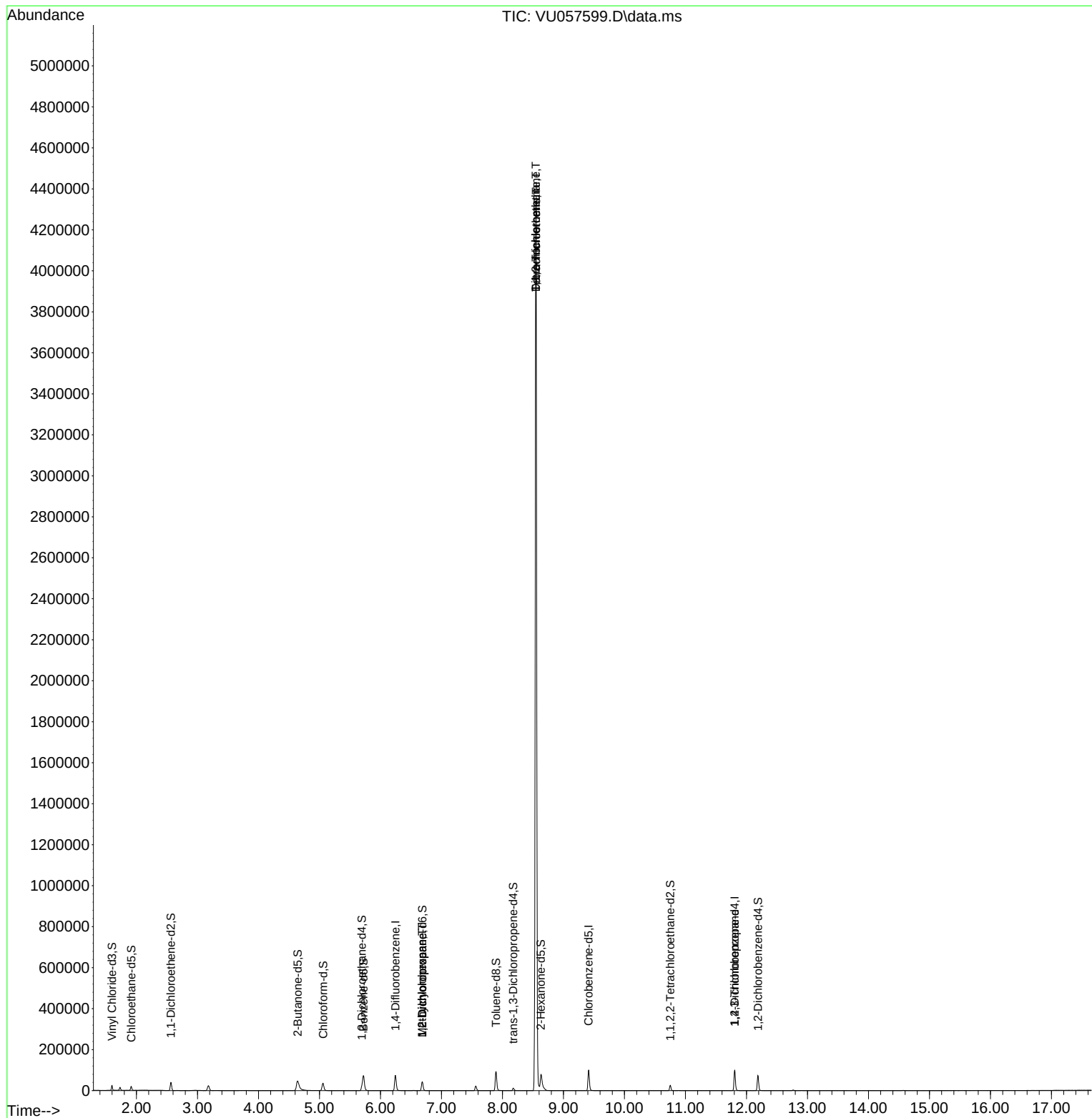
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	62600	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	56350	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26507	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	16932	4.909	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.200%	
7) Chloroethane-d5	1.914	69	14028	4.854	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.000%	
11) 1,1-Dichloroethene-d2	2.563	65	7859	4.846	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.000%	
20) 2-Butanone-d5	4.641	46	34969	53.743	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.480%	
24) Chloroform-d	5.058	84	33246	4.749	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.695	65	16412	5.159	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.721	84	68733	5.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
36) 1,2-Dichloropropane-d6	6.685	67	20472	5.135	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.800%	
41) Toluene-d8	7.894	98	63975	5.099	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
43) trans-1,3-Dichloroprop...	8.177	79	7818	4.920	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.400%	
46) 2-Hexanone-d5	8.631	63	24813	48.944	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.880%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	13483	5.045	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	19170	5.153	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	4621	0.537	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2367	0.490	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	8791	2.795	ug/L #	5
47) Tetrachloroethene	8.550	164	888834	226.998	ug/L	98
49) Dibromochloromethane	8.547	129	911433	223.792	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	3208	1.206	ug/L #	63

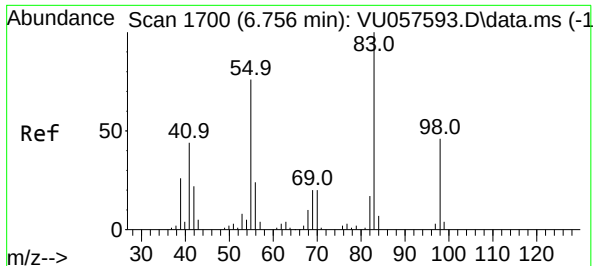
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.537 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057599.D

Acq: 24 Jan 2024 04:24

Instrument :

MSVOA_U

ClientSampleId :

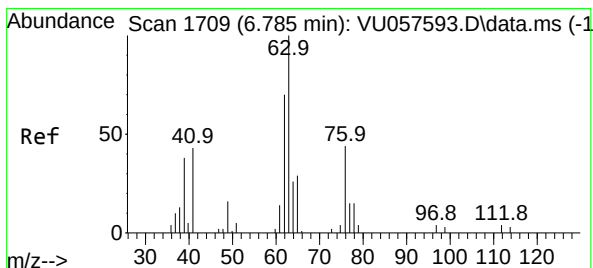
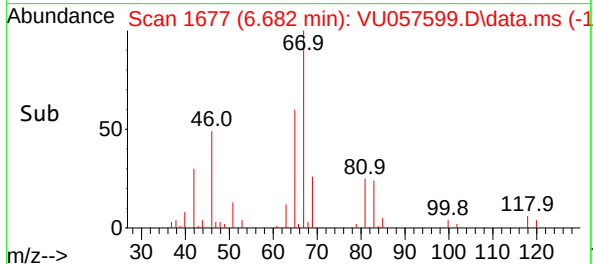
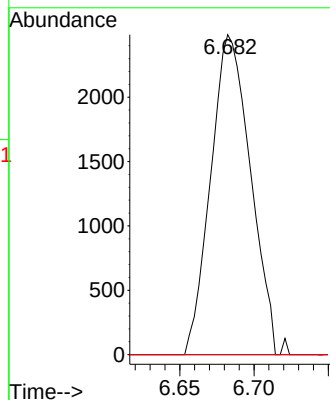
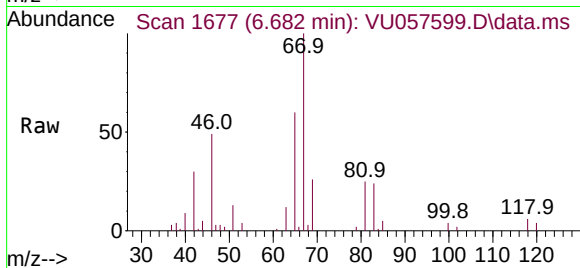
Tgt Ion: 83 Resp: 4621

Ion Ratio Lower Upper

83 100

55 0.0 61.4 92.0#

98 0.0 38.2 57.4#



#37

1,2-Dichloropropane

Concen: 0.490 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU057599.D

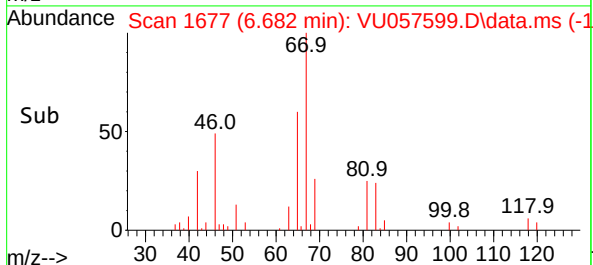
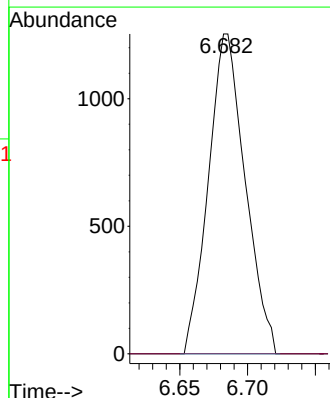
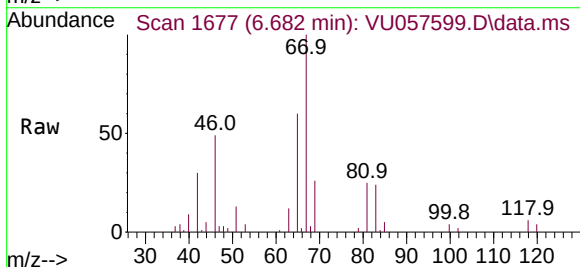
Acq: 24 Jan 2024 04:24

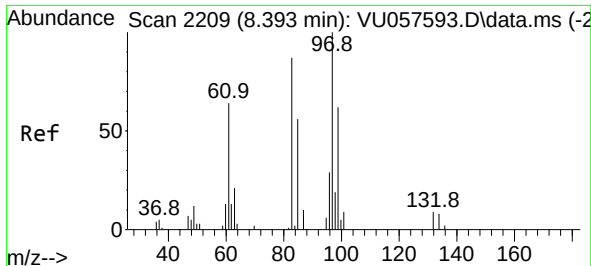
Tgt Ion: 63 Resp: 2367

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#45

1,1,2-Trichloroethane

Concen: 2.795 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.154 min

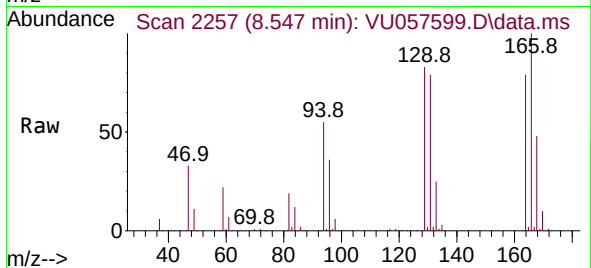
Lab File: VU057599.D

Acq: 24 Jan 2024 04:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 8791

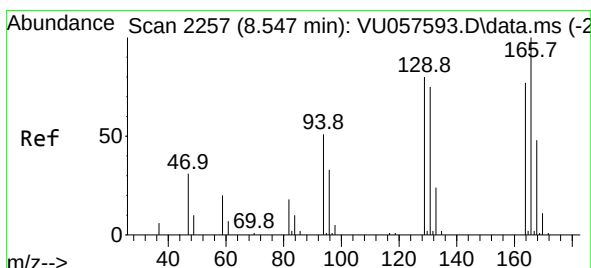
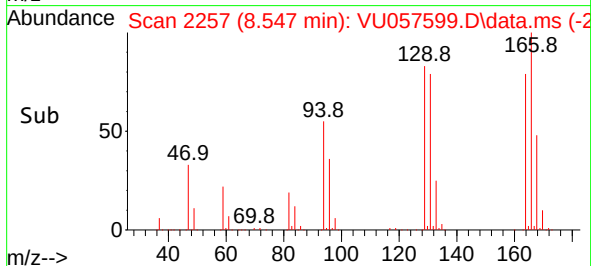
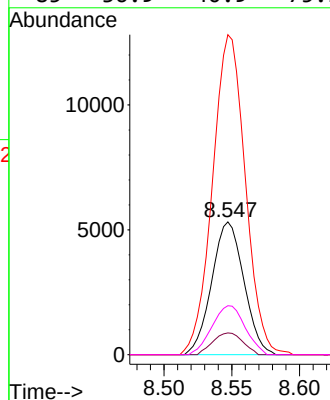
Ion Ratio Lower Upper

97 100

99 16.4 45.1 83.7#

83 240.9 62.3 115.7#

85 36.9 40.9 75.9#



#47

Tetrachloroethene

Concen: 226.998 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU057599.D

Acq: 24 Jan 2024 04:24

Tgt Ion:164 Resp: 888834

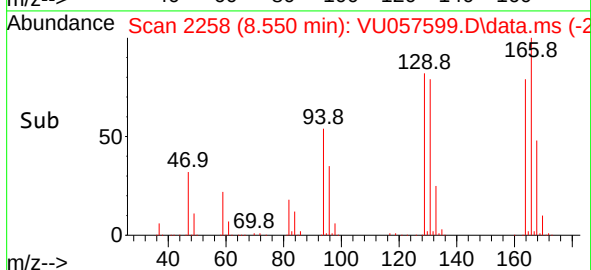
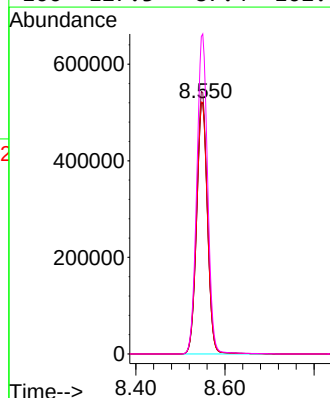
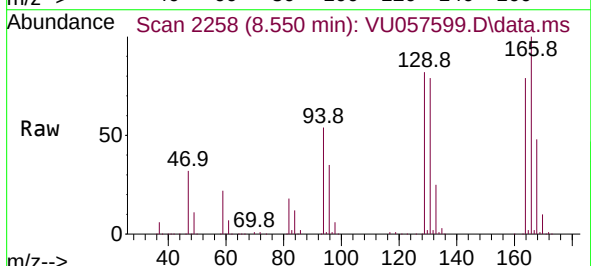
Ion Ratio Lower Upper

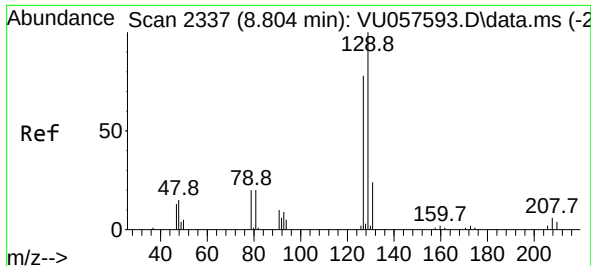
164 100

129 104.0 71.3 132.5

131 100.1 68.1 126.5

166 127.3 87.4 162.4





#49

Dibromochloromethane

Concen: 223.792 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057599.D

Acq: 24 Jan 2024 04:24

Instrument :

MSVOA_U

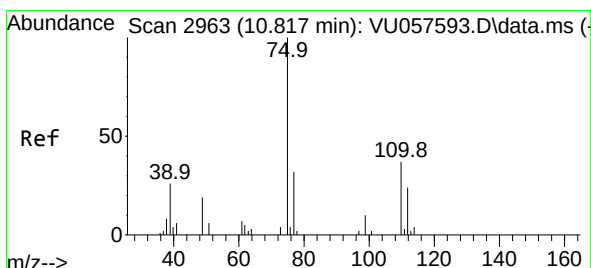
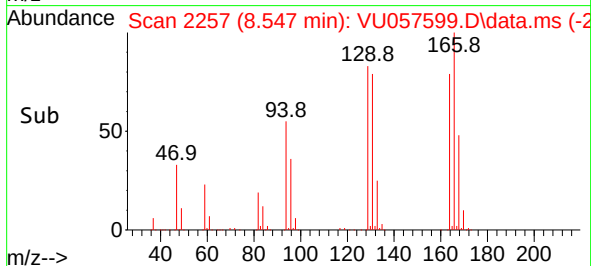
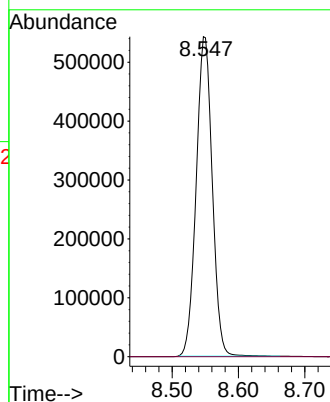
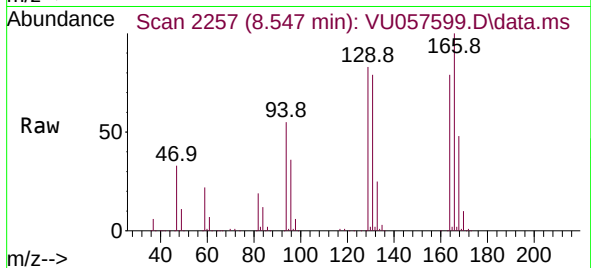
ClientSampleId :

Tgt Ion:129 Resp: 911433

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.206 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU057599.D

Acq: 24 Jan 2024 04:24

Tgt Ion: 75 Resp: 3208

Ion Ratio Lower Upper

75 100

110 0.0 30.1 45.1#

77 35.2 25.5 38.3

