

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031124\
 Data File : VU058043.D
 Acq On : 11 Mar 2024 15:15
 Operator : MD/SY
 Sample : VIBLK181
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 12 03:09:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 12 03:05:49 2024
 Response via : Initial Calibration

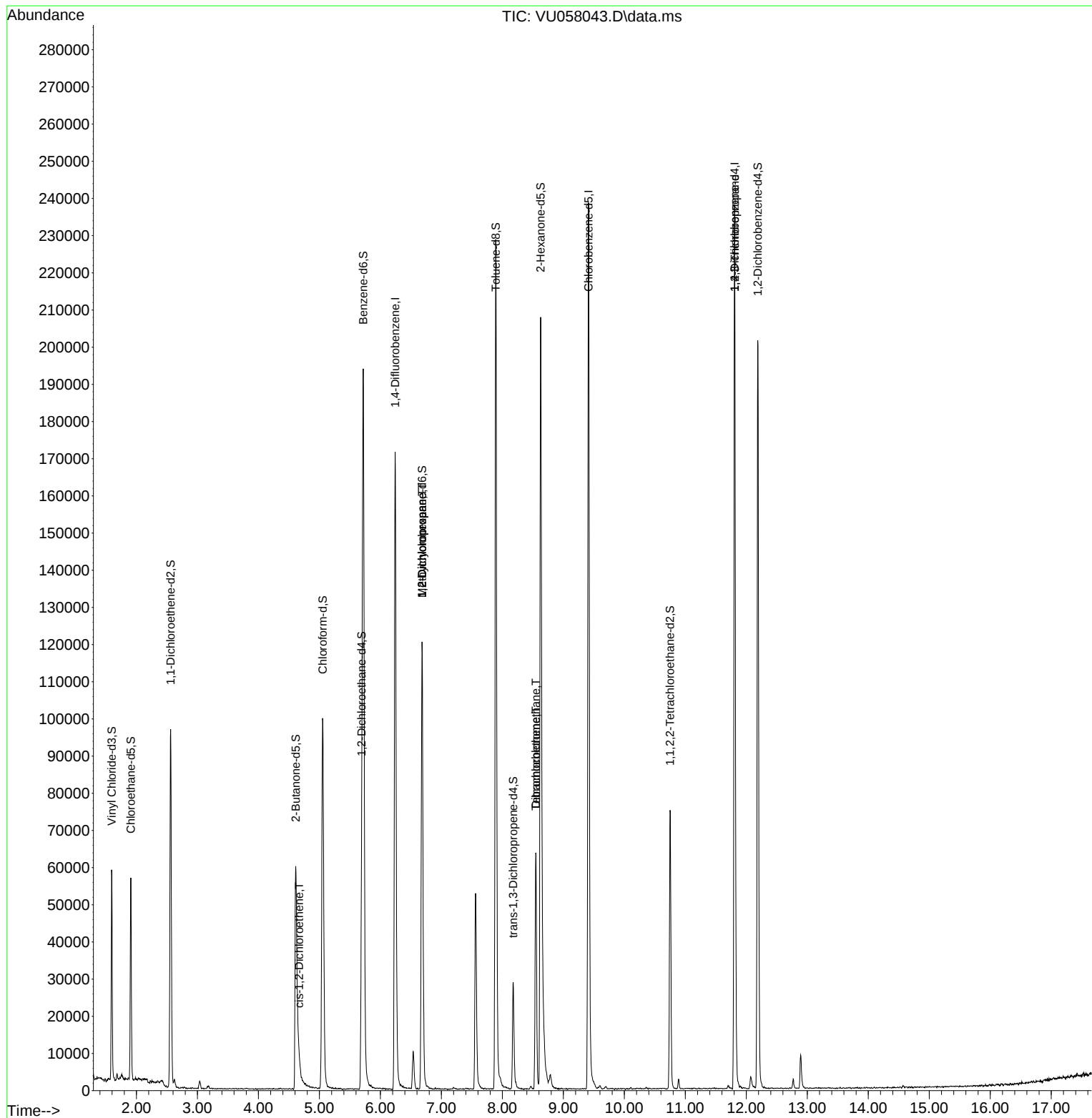
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	139849	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136165	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60319	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	39958	3.971	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.907	69	38064	4.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.560	65	18884	4.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.612	46	92216	55.623	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.240%
24) Chloroform-d	5.052	84	93583	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.692	65	45825	5.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.718	84	184586	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.682	67	59883	4.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.891	98	156061	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.177	79	17999	4.339	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.627	63	80523	57.815	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.640%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	39291	5.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	52625	5.298	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
22) cis-1,2-Dichloroethene	4.666	96	1473	0.146	ug/L	88
35) Methylcyclohexane	6.682	83	13611	0.808	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6409	0.595	ug/L #	89
47) Tetrachloroethene	8.550	164	13255	1.738	ug/L	96
49) Dibromochloromethane	8.547	129	14349	1.897	ug/L #	10
61) 1,2,3-Trichloropropane	11.811	75	8928	1.807	ug/L #	70

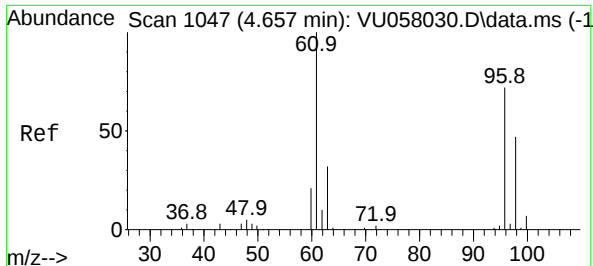
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.146 ug/L

RT: 4.666 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU058043.D

Acq: 11 Mar 2024 15:15

Instrument :

MSVOA_U

ClientSampleId :

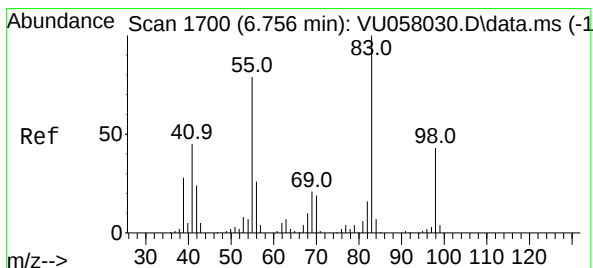
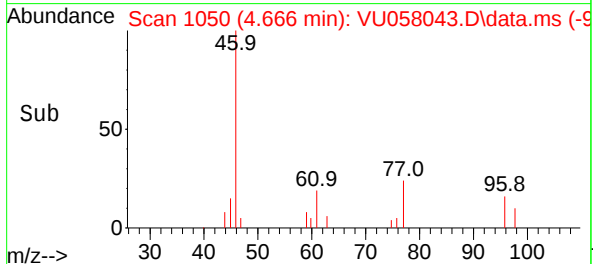
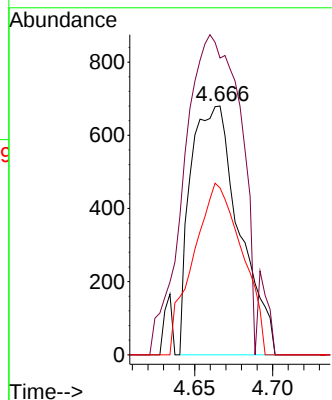
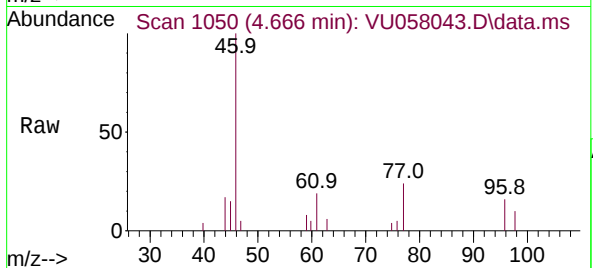
Tgt Ion: 96 Resp: 1473

Ion Ratio Lower Upper

96 100

61 119.3 97.2 180.4

98 67.1 45.5 84.5



#35

Methylcyclohexane

Concen: 0.808 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058043.D

Acq: 11 Mar 2024 15:15

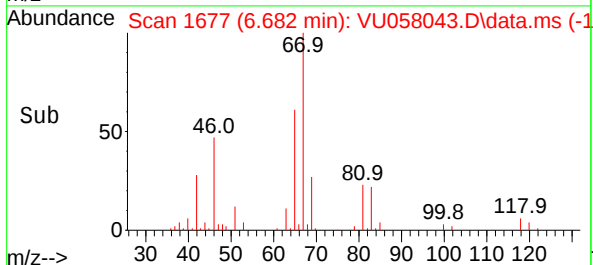
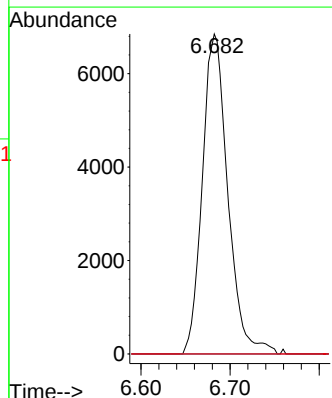
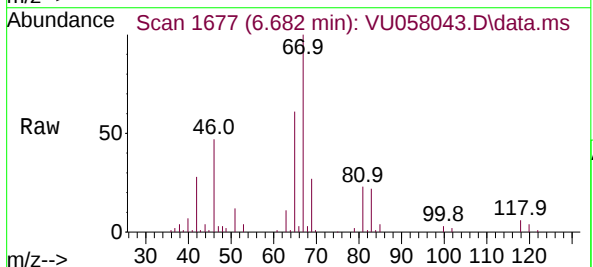
Tgt Ion: 83 Resp: 13611

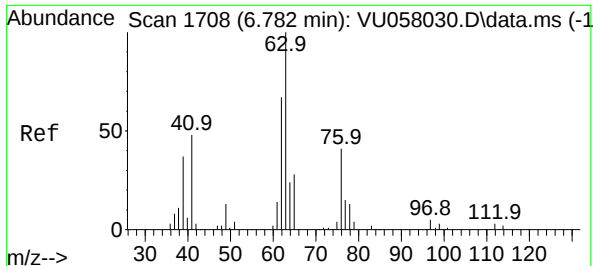
Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.6#

98 1.0 36.2 54.4#

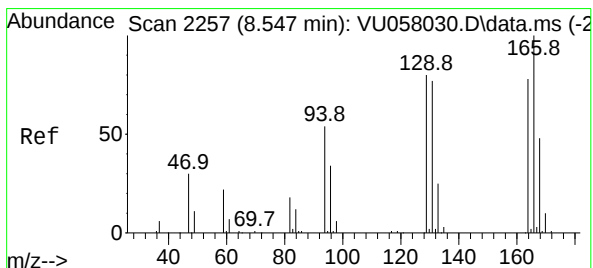
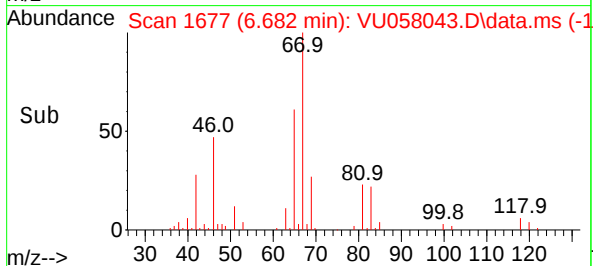
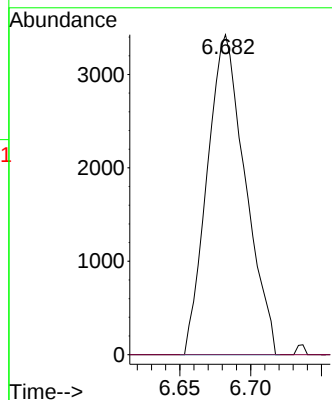
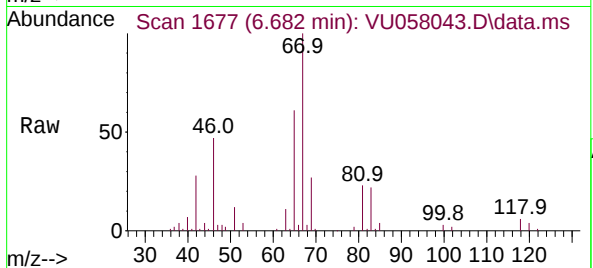




#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058043.D
Acq: 11 Mar 2024 15:15

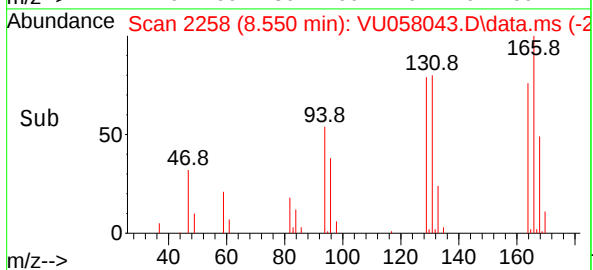
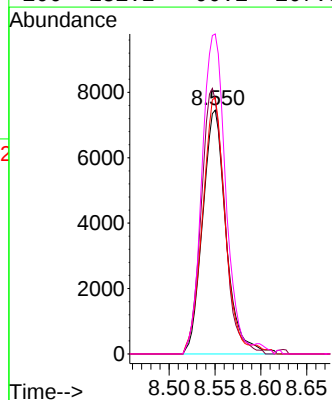
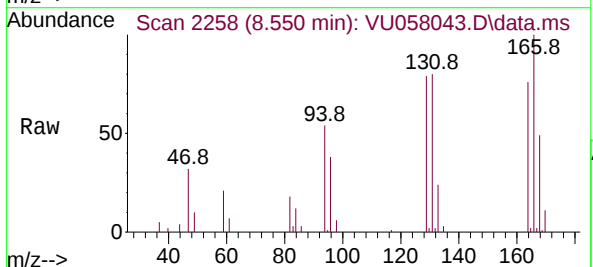
Instrument :
MSVOA_U
ClientSampleId :

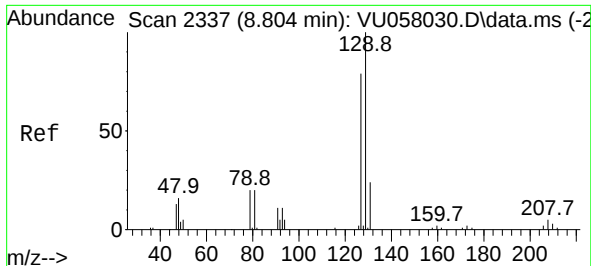
Tgt Ion: 63 Resp: 6409
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#47
Tetrachloroethene
Concen: 1.738 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058043.D
Acq: 11 Mar 2024 15:15

Tgt Ion:164 Resp: 13255
Ion Ratio Lower Upper
164 100
129 104.0 69.3 128.7
131 105.2 69.9 129.9
166 131.2 90.1 167.3





#49

Dibromochloromethane

Concen: 1.897 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058043.D

Acq: 11 Mar 2024 15:15

Instrument :

MSVOA_U

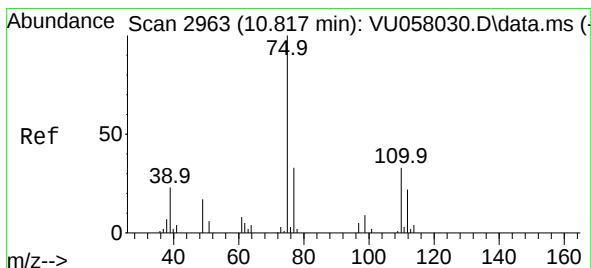
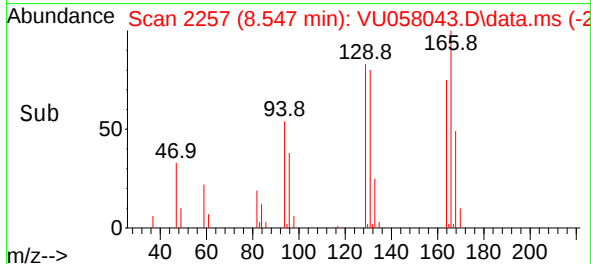
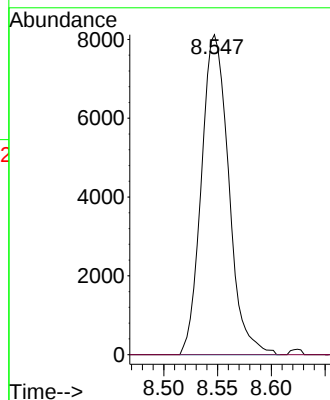
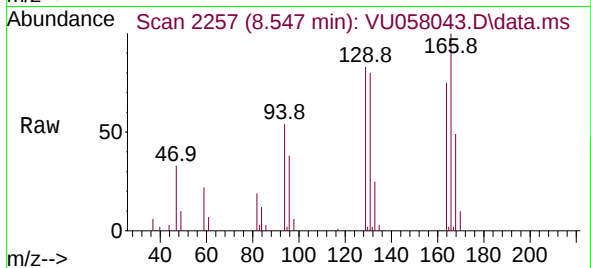
ClientSampleId :

Tgt Ion:129 Resp: 14349

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.807 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.993 min

Lab File: VU058043.D

Acq: 11 Mar 2024 15:15

Tgt Ion: 75 Resp: 8928

Ion Ratio Lower Upper

75 100

110 2.5 28.0 42.0#

77 31.5 24.7 37.1

