

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041524\
 Data File : VU058690.D
 Acq On : 15 Apr 2024 15:20
 Operator : MD/SY
 Sample : P2055-03DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 00:41:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:38:11 2024
 Response via : Initial Calibration

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

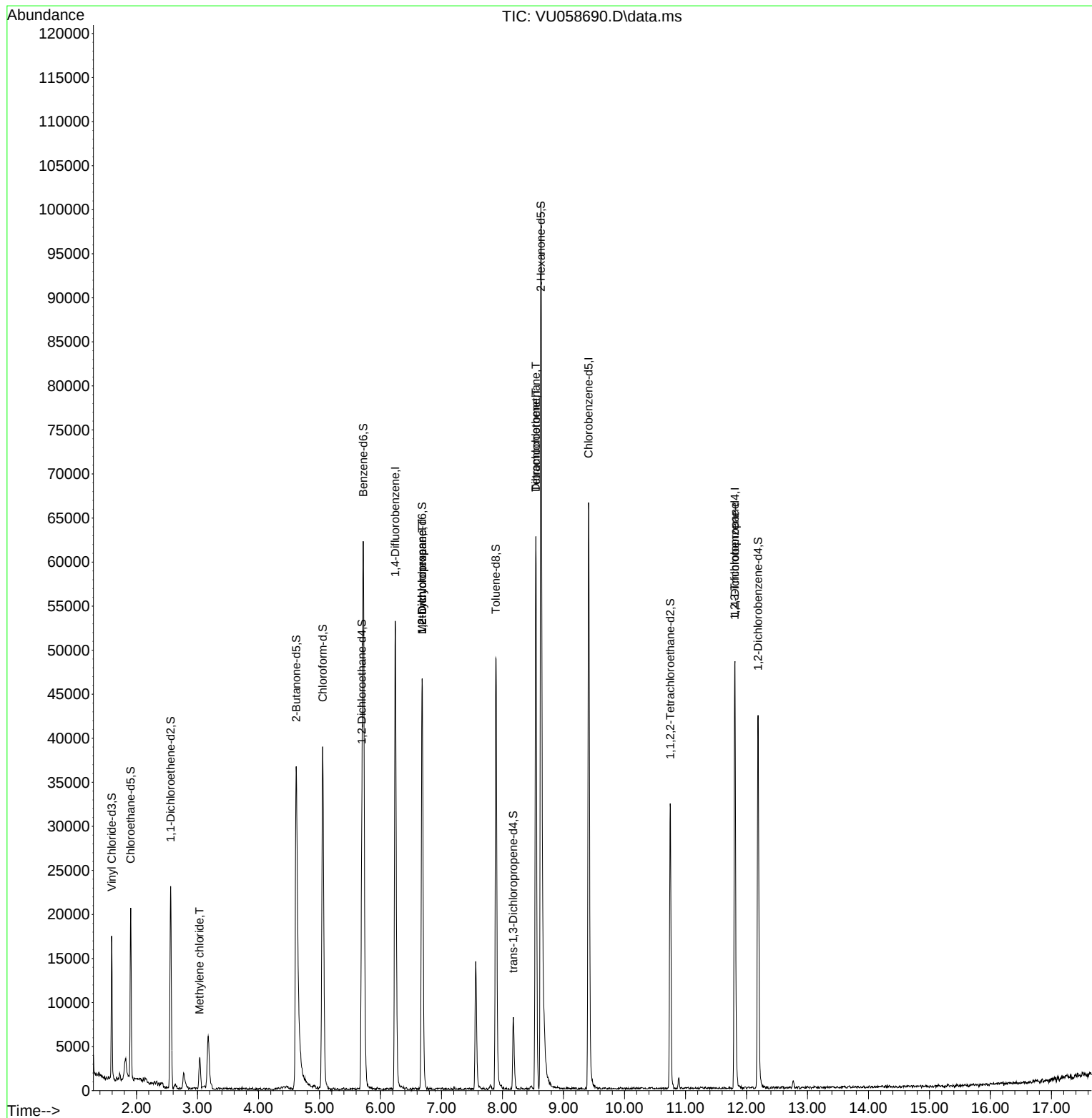
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	42388	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	36476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	13093	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	10899	3.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.904	69	13247	5.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.560	65	4845	3.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.618	46	51298	86.738	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	173.480%#
24) Chloroform-d	5.052	84	35972	6.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	128.400%#
26) 1,2-Dichloroethane-d4	5.695	65	19852	7.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	151.800%#
32) Benzene-d6	5.717	84	55085	5.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.200%
36) 1,2-Dichloropropane-d6	6.682	67	22355	7.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	145.200%#
41) Toluene-d8	7.891	98	33784	3.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.177	79	5420	5.670	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.400%
46) 2-Hexanone-d5	8.630	63	33190	84.175	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	168.360%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	17299	7.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	159.200%#
66) 1,2-Dichlorobenzene-d4	12.190	152	11586	5.254	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.033	84	1720	0.431	ug/L	91
35) Methylcyclohexane	6.682	83	4911	0.978	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2459	0.707	ug/L #	90
47) Tetrachloroethene	8.547	164	13169	5.390	ug/L	97
49) Dibromochloromethane	8.547	129	12410	5.283	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	1785	1.336	ug/L #	67

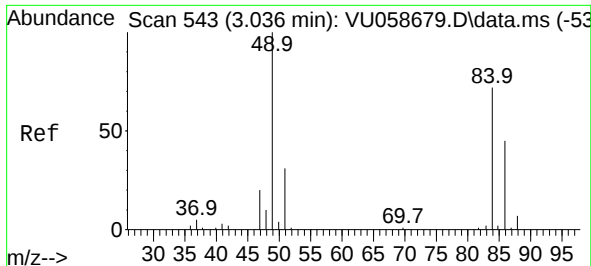
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.431 ug/L

RT: 3.033 min Scan# 54

Delta R.T. -0.003 min

Lab File: VU058690.D

Acq: 15 Apr 2024 15:20

Instrument :

MSVOA_U

ClientSampleId :

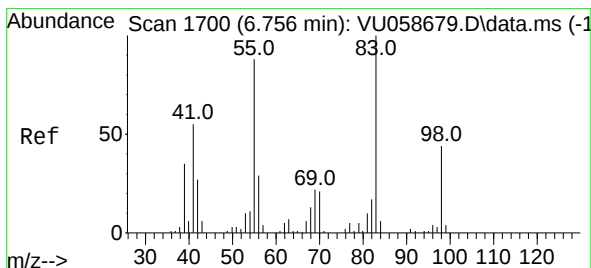
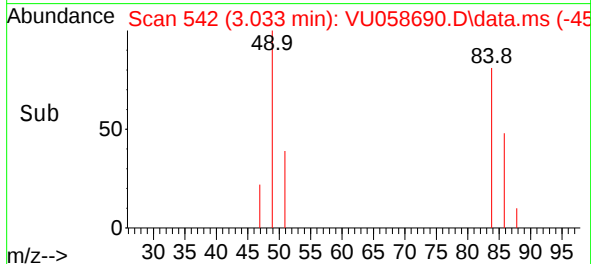
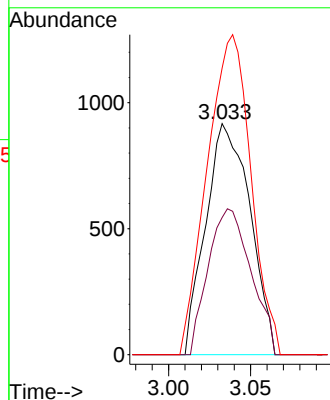
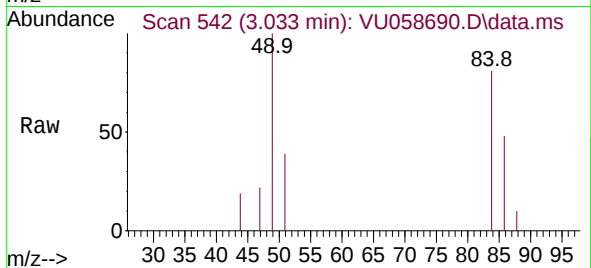
Tgt Ion: 84 Resp: 1720

Ion Ratio Lower Upper

84 100

86 59.3 44.3 82.3

49 124.0 96.0 178.2



#35

Methylcyclohexane

Concen: 0.978 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058690.D

Acq: 15 Apr 2024 15:20

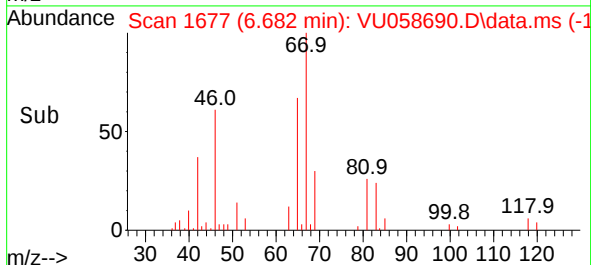
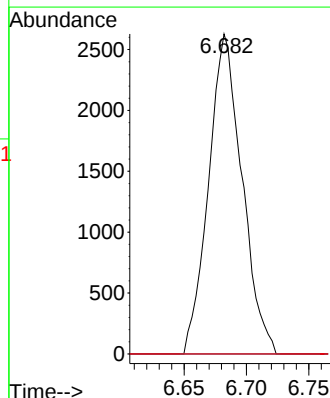
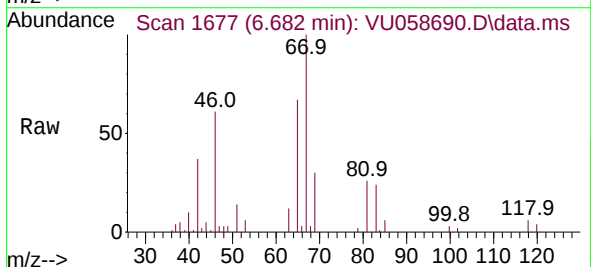
Tgt Ion: 83 Resp: 4911

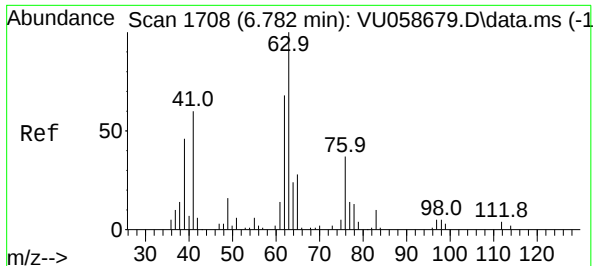
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

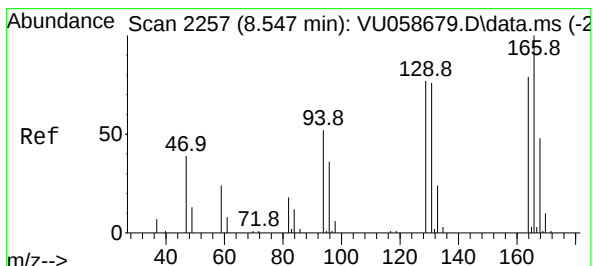
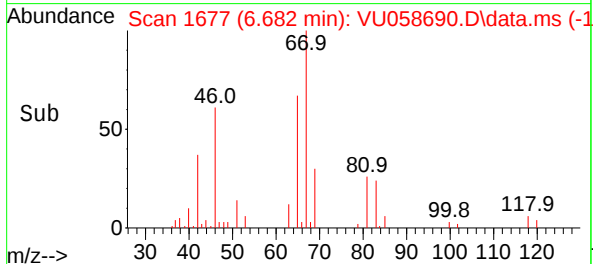
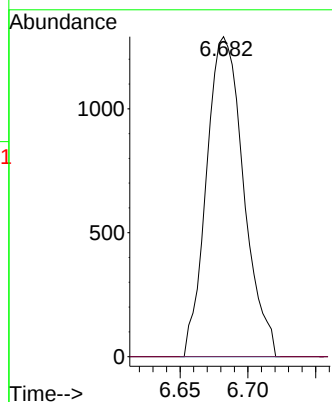
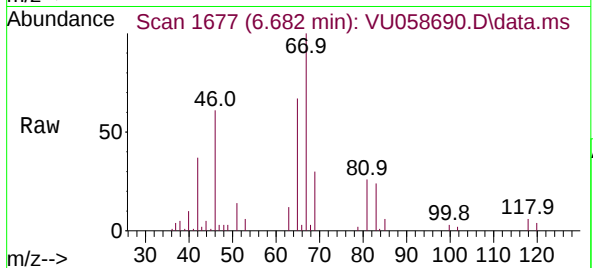




#37
1,2-Dichloropropane
Concen: 0.707 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058690.D
Acq: 15 Apr 2024 15:20

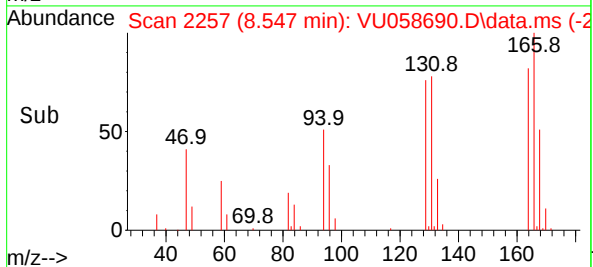
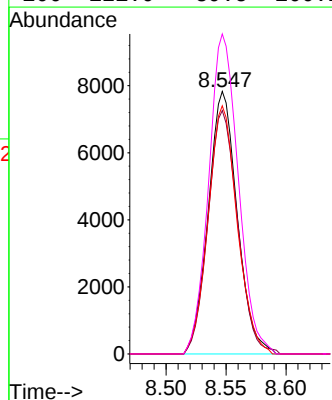
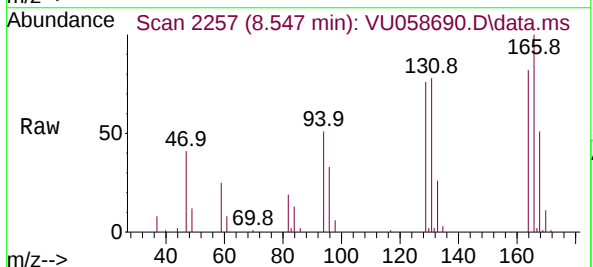
Instrument :
MSVOA_U
ClientSampleId :

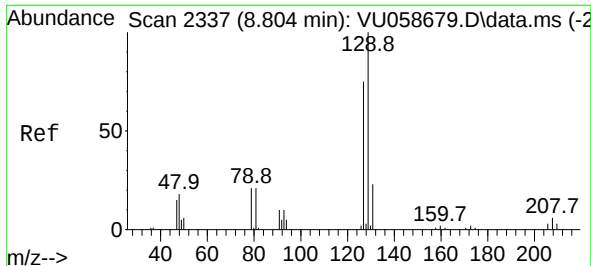
Tgt Ion: 63 Resp: 2459
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#47
Tetrachloroethene
Concen: 5.390 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058690.D
Acq: 15 Apr 2024 15:20

Tgt Ion:164 Resp: 13169
Ion Ratio Lower Upper
164 100
129 92.7 67.3 125.1
131 94.5 65.5 121.6
166 121.9 89.5 166.1





#49

Dibromochloromethane

Concen: 5.283 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058690.D

Acq: 15 Apr 2024 15:20

Instrument :

MSVOA_U

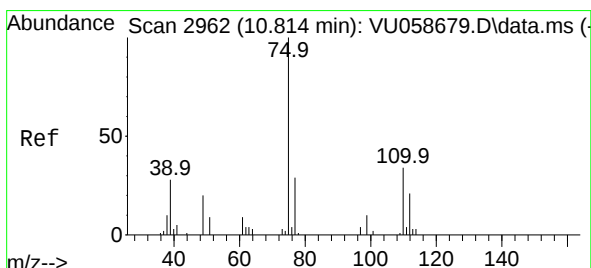
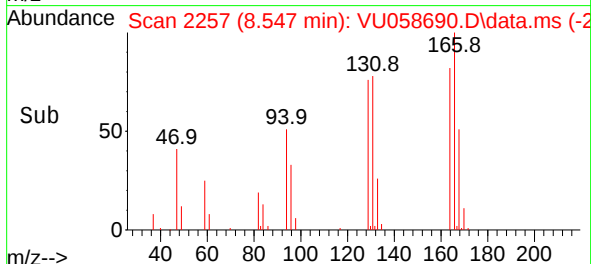
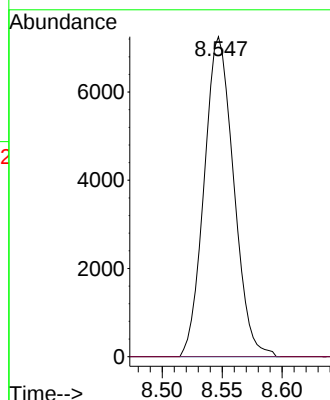
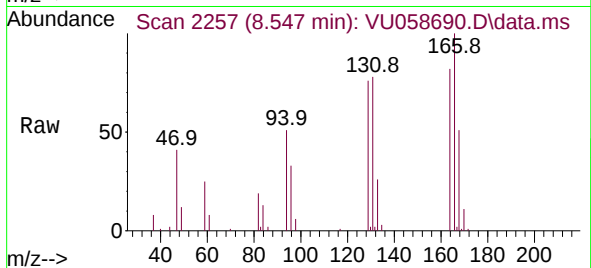
ClientSampleId :

Tgt Ion:129 Resp: 12410

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.336 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.993 min

Lab File: VU058690.D

Acq: 15 Apr 2024 15:20

Tgt Ion: 75 Resp: 1785

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 27.4 25.1 37.7

