

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
 Data File : VU058157.D
 Acq On : 19 Mar 2024 16:03
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 20 05:21:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 20 05:19:57 2024
 Response via : Initial Calibration

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

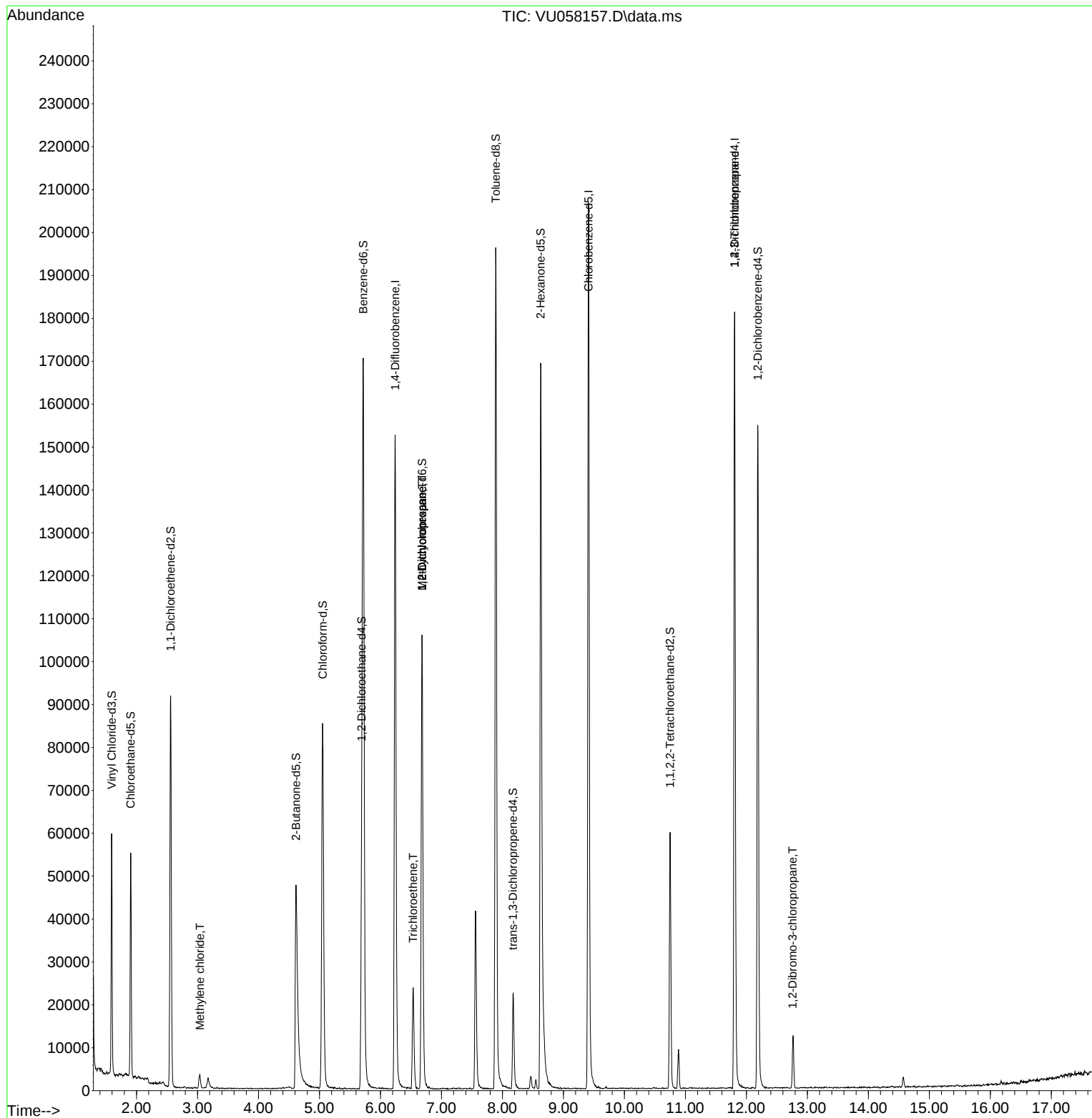
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	124902	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	117723	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	48107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	38354	4.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.904	69	36308	4.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.560	65	17866	4.594	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.615	46	76449	51.631	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.260%
24) Chloroform-d	5.052	84	80769	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.692	65	39187	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.717	84	163624	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.682	67	53185	5.100	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.891	98	138257	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.174	79	14367	4.006	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.627	63	60976	50.639	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	31355	4.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	41202	5.200	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	1615	0.176	ug/L	89
34) Trichloroethene	6.537	95	8005	0.842	ug/L	95
35) Methylcyclohexane	6.682	83	11221	0.770	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	5685	0.610	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	6826	1.732	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.756	75	157	0.201	ug/L #	7

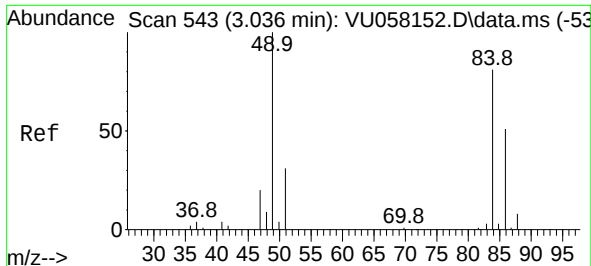
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.176 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

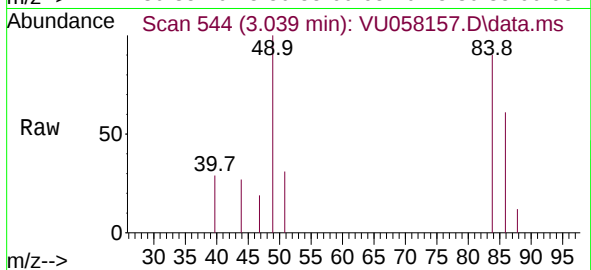
Lab File: VU058157.D

Acq: 19 Mar 2024 16:03

Instrument :

MSVOA_U

ClientSampleId :



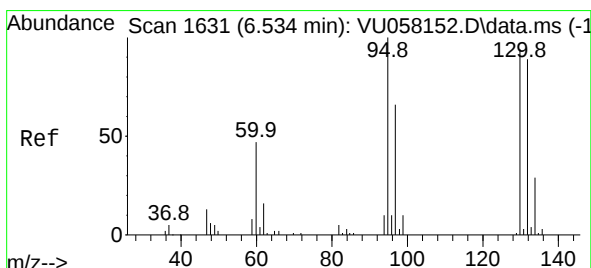
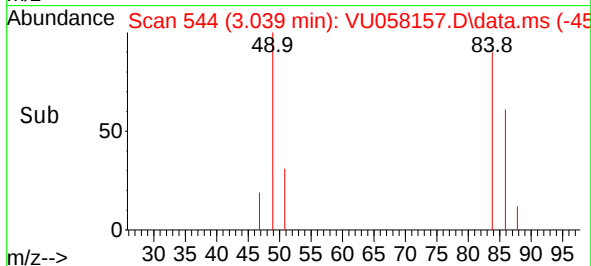
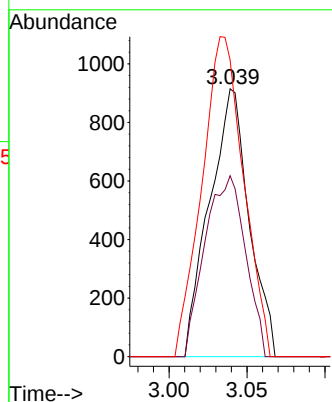
Tgt Ion: 84 Resp: 1615

Ion Ratio Lower Upper

84 100

86 67.5 44.4 82.4

49 110.7 88.8 165.0



#34

Trichloroethene

Concen: 0.842 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU058157.D

Acq: 19 Mar 2024 16:03

Tgt Ion: 95 Resp: 8005

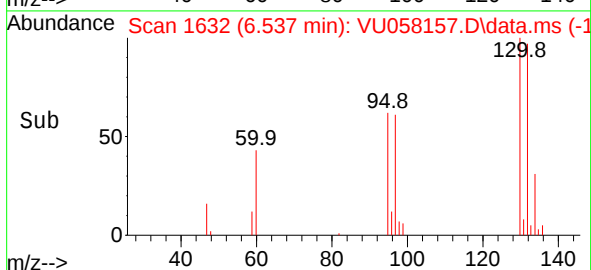
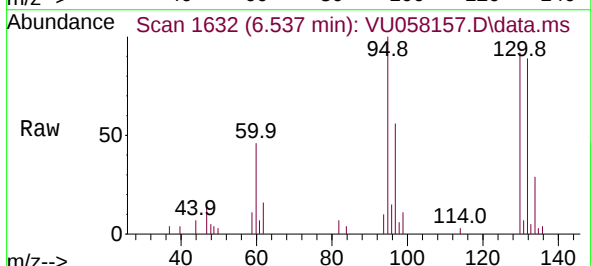
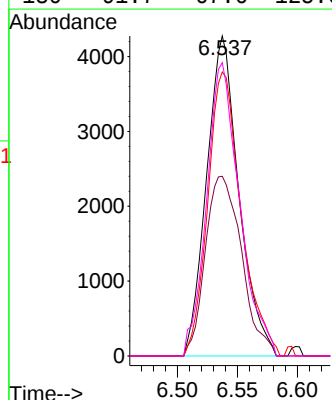
Ion Ratio Lower Upper

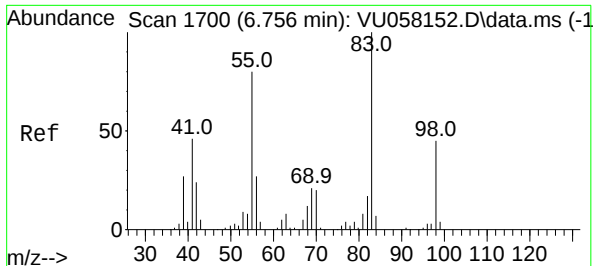
95 100

97 56.1 45.3 84.1

132 88.8 63.1 117.1

130 91.7 67.6 125.6





#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058157.D

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ClientSampleId :

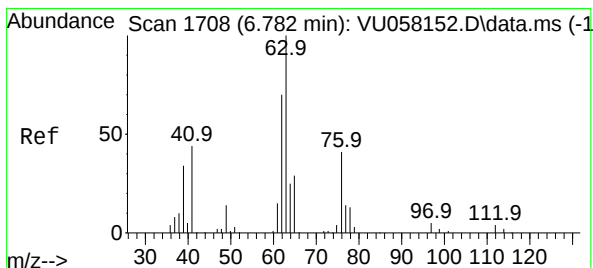
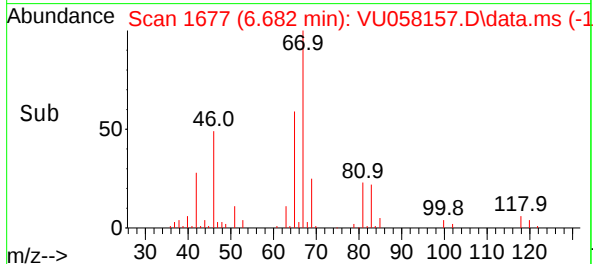
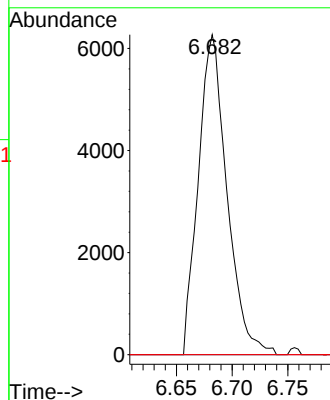
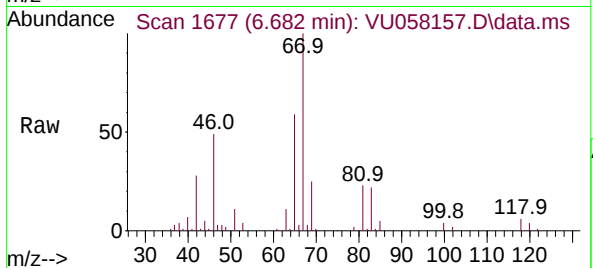
Tgt Ion: 83 Resp: 11221

Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.6#

98 7.4 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.610 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058157.D

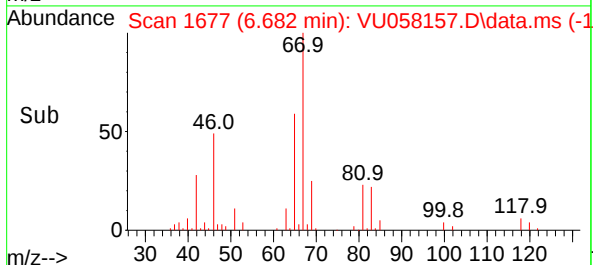
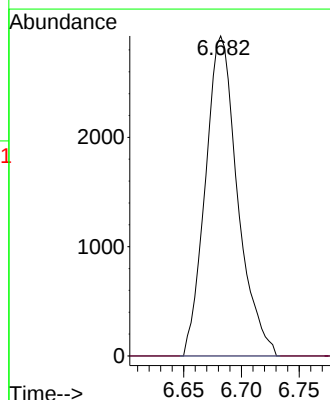
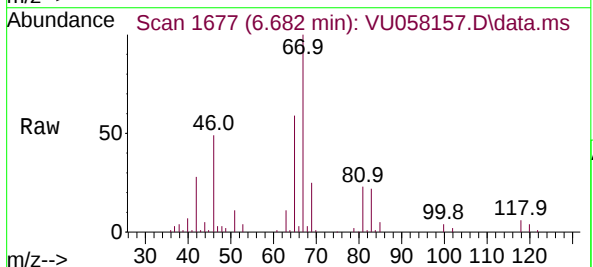
Acq: 19 Mar 2024 16:03

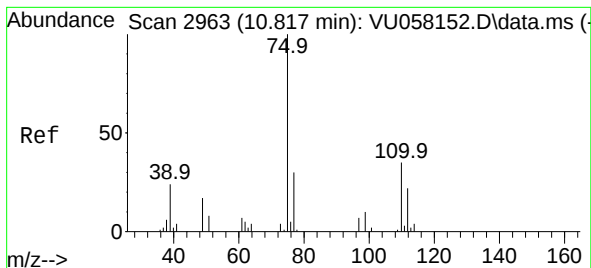
Tgt Ion: 63 Resp: 5685

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#61

1,2,3-Trichloropropane

Concen: 1.732 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU058157.D

Acq: 19 Mar 2024 16:03

Instrument :

MSVOA_U

ClientSampleId :

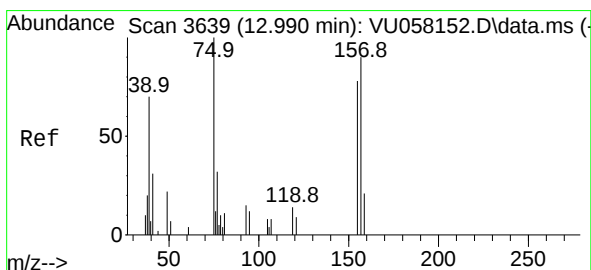
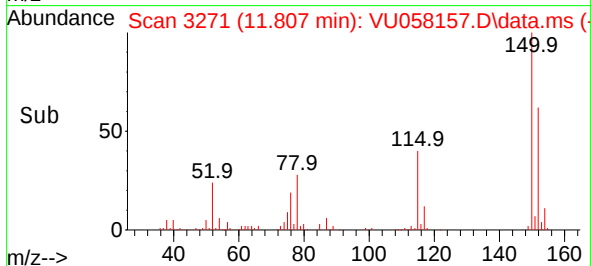
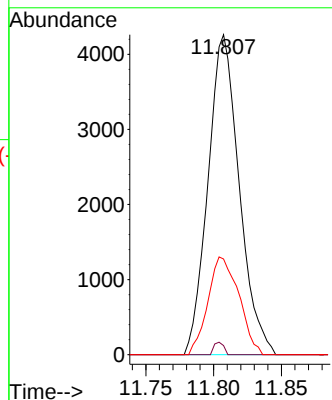
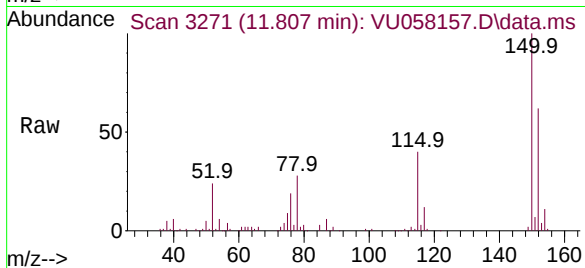
Tgt Ion: 75 Resp: 6826

Ion Ratio Lower Upper

75 100

110 1.2 28.0 42.0#

77 30.3 24.7 37.1



#68

1,2-Dibromo-3-chloropropane

Concen: 0.201 ug/L

RT: 12.756 min Scan# 3566

Delta R.T. -0.235 min

Lab File: VU058157.D

Acq: 19 Mar 2024 16:03

Tgt Ion: 75 Resp: 157

Ion Ratio Lower Upper

75 100

155 0.0 61.0 91.6#

157 0.0 74.6 112.0#

