

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040124\
 Data File : VU058312.D
 Acq On : 01 Apr 2024 14:42
 Operator : MD/SY
 Sample : P1912-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 02:27:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 02 02:24:47 2024
 Response via : Initial Calibration

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

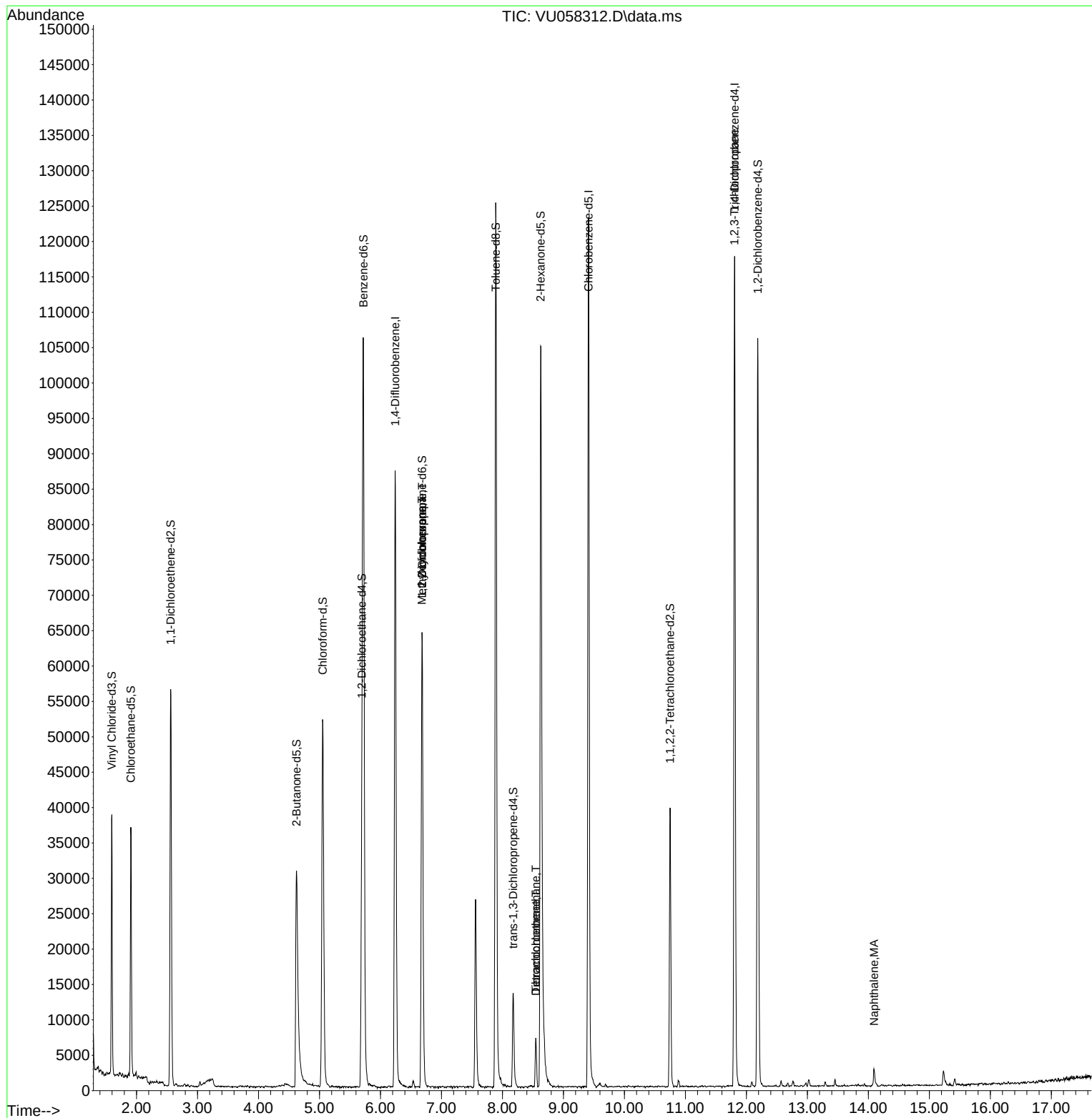
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	70202	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69132	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31028	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25906	4.367	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.907	69	24030	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.560	65	11424	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.624	46	51599	48.958	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.920%
24) Chloroform-d	5.052	84	49165	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.695	65	24264	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.721	84	102048	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.682	67	32277	4.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.891	98	87338	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.177	79	8860	4.178	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.627	63	38291	44.590	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20028	4.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	27433	4.748	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
35) Methylcyclohexane	6.679	83	7359	1.115	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	3269	0.645	ug/L #	90
47) Tetrachloroethene	8.547	164	1514	0.478	ug/L	87
49) Dibromochloromethane	8.550	129	1506	0.431	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	4313	1.660	ug/L #	68
71) Naphthalene	14.093	128	2977	0.483	ug/L #	95

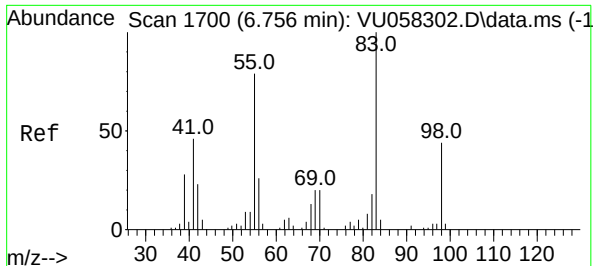
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 1.115 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.077 min

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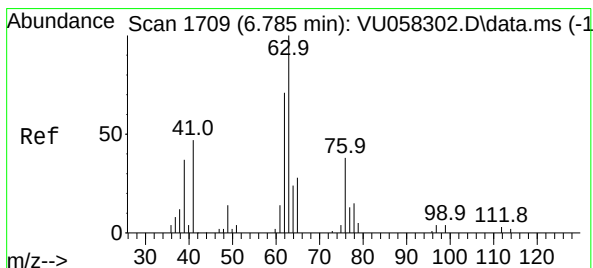
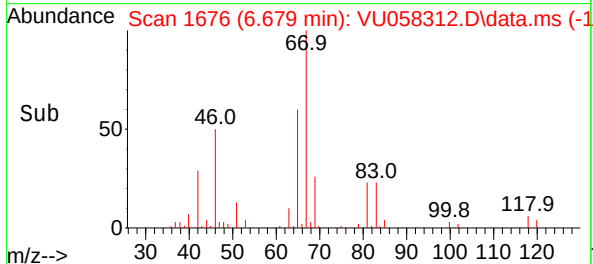
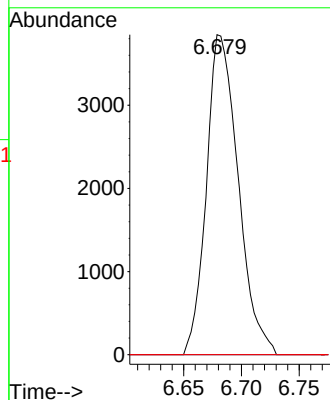
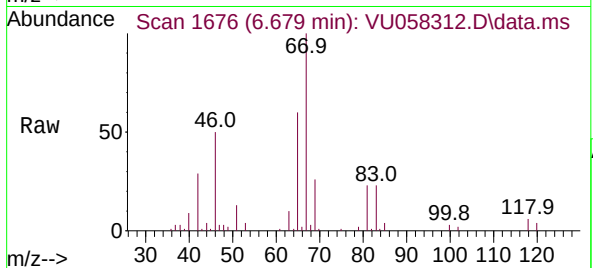
Tgt Ion: 83 Resp: 7359

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.645 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU058312.D

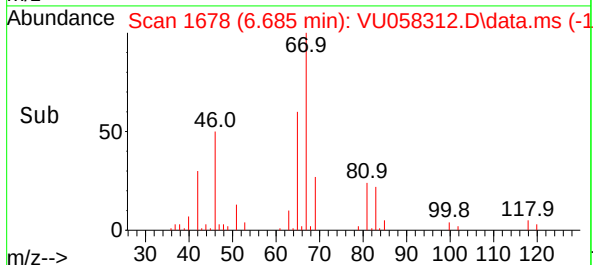
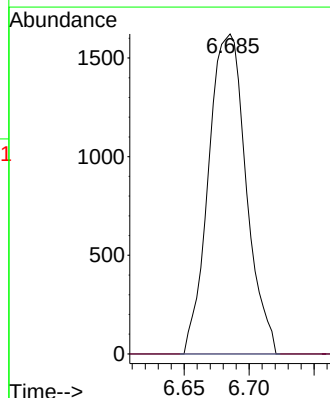
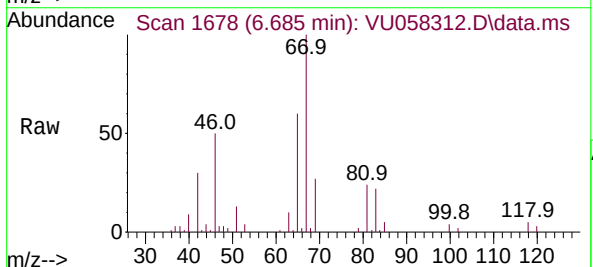
Acq: 01 Apr 2024 14:42

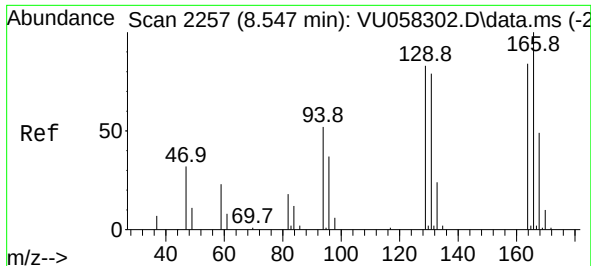
Tgt Ion: 63 Resp: 3269

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#





#47

Tetrachloroethene

Concen: 0.478 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

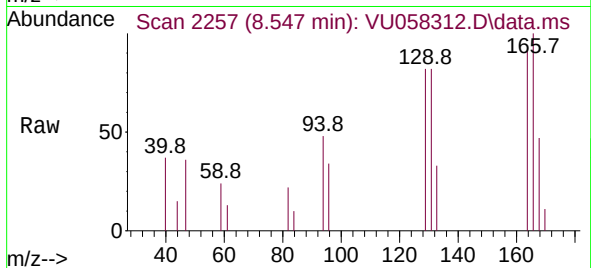
Lab File: VU058312.D

Acq: 01 Apr 2024 14:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 1514

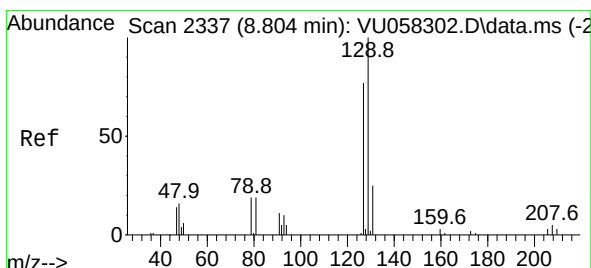
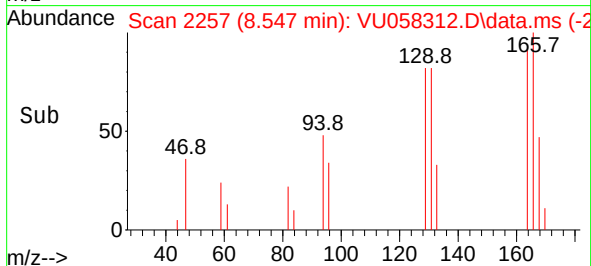
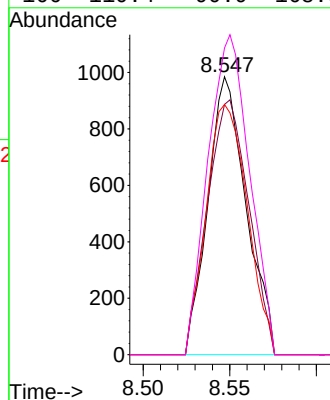
Ion Ratio Lower Upper

164 100

129 90.1 71.3 132.3

131 90.1 70.8 131.4

166 110.4 90.9 168.9



#49

Dibromochloromethane

Concen: 0.431 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU058312.D

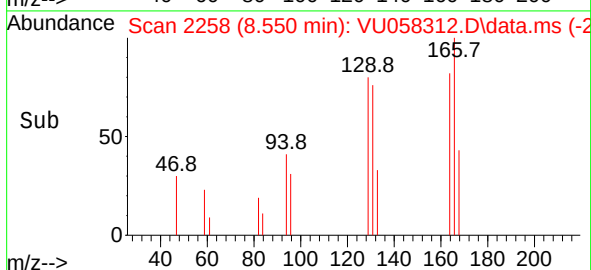
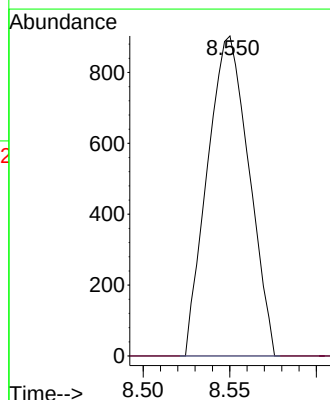
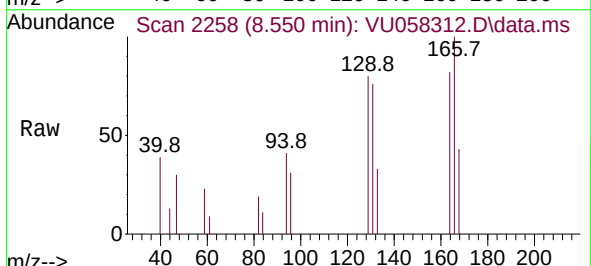
Acq: 01 Apr 2024 14:42

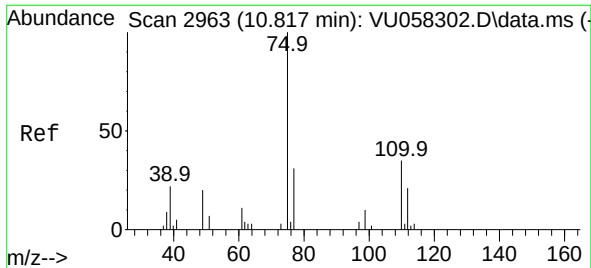
Tgt Ion:129 Resp: 1506

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#

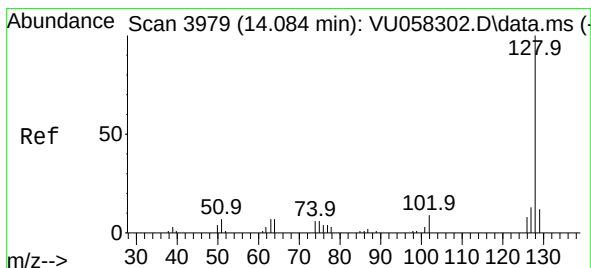
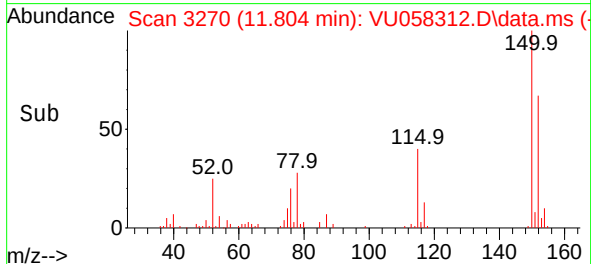
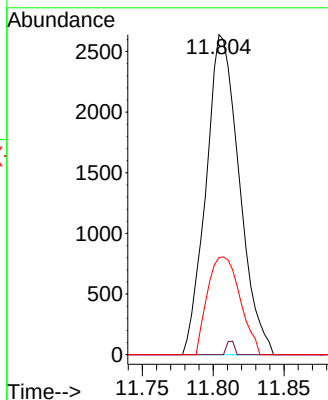
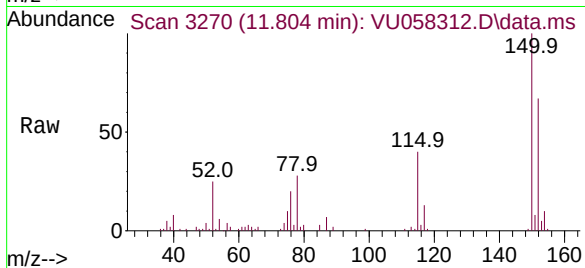




#61
1,2,3-Trichloropropane
Concen: 1.660 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU058312.D
Acq: 01 Apr 2024 14:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4313
Ion Ratio Lower Upper
75 100
110 1.0 28.1 42.1#
77 29.8 25.1 37.7



#71
Naphthalene
Concen: 0.483 ug/L
RT: 14.093 min Scan# 3982
Delta R.T. 0.010 min
Lab File: VU058312.D
Acq: 01 Apr 2024 14:42

Tgt Ion: 128 Resp: 2977
Ion Ratio Lower Upper
128 100
129 7.2 8.1 12.1#
127 11.9 10.2 15.4

