

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058520.D
 Acq On : 09 Apr 2024 17:12
 Operator : MD/SY
 Sample : P2009-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 01:16:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 01:12:33 2024
 Response via : Initial Calibration

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

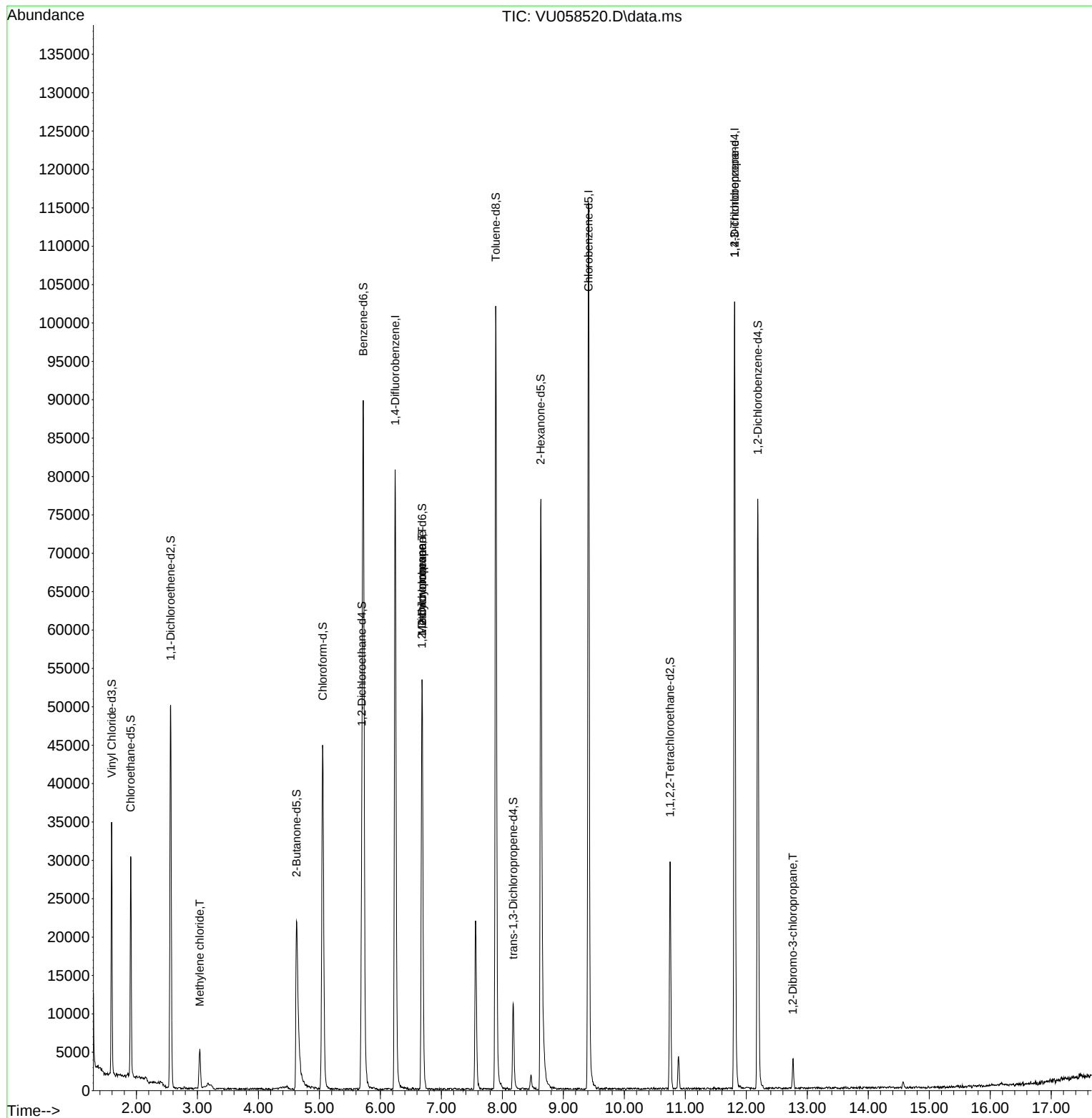
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	63050	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	62675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26915	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22332	5.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.000%
7) Chloroethane-d5	1.904	69	19489	5.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.400%
11) 1,1-Dichloroethene-d2	2.560	65	9871	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.400%
20) 2-Butanone-d5	4.624	46	38449	43.707	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.420%
24) Chloroform-d	5.052	84	42220	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.695	65	20508	5.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.718	84	82656	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.682	67	26005	4.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.891	98	68187	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.177	79	7318	4.455	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.627	63	26849	39.629	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15424	4.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	20160	4.447	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	2129	0.359	ug/L	88
35) Methylcyclohexane	6.682	83	5698	0.660	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	2879	0.482	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	3956	1.441	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.762	75	41	0.088	ug/L #	4

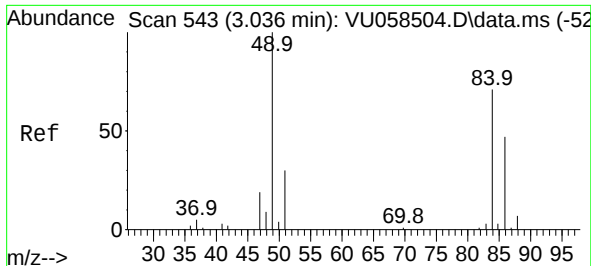
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.359 ug/L

RT: 3.036 min Scan# 54

Delta R.T. -0.000 min

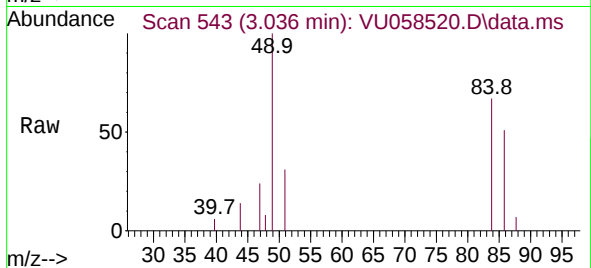
Lab File: VU058520.D

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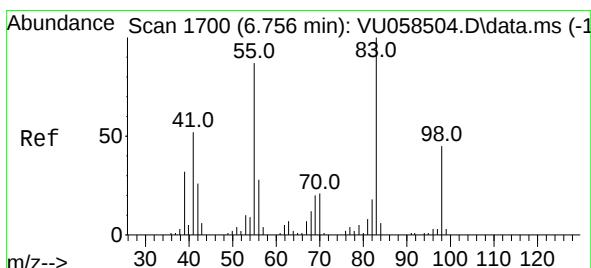
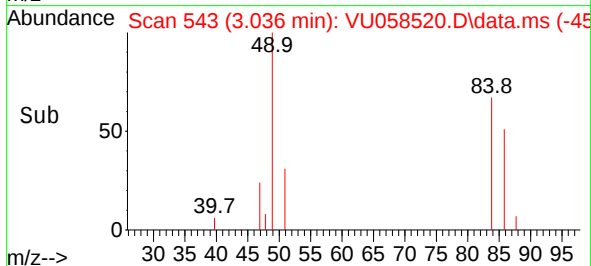
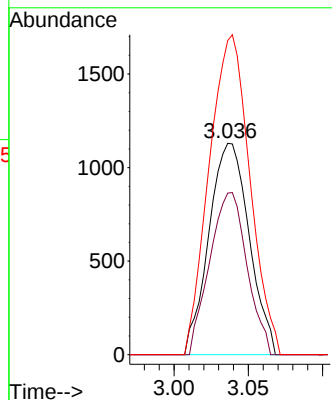
Tgt Ion: 84 Resp: 2129

Ion Ratio Lower Upper

84 100

86 76.5 44.3 82.3

49 148.5 96.0 178.2



#35

Methylcyclohexane

Concen: 0.660 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058520.D

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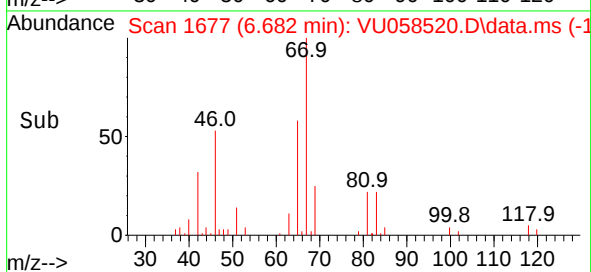
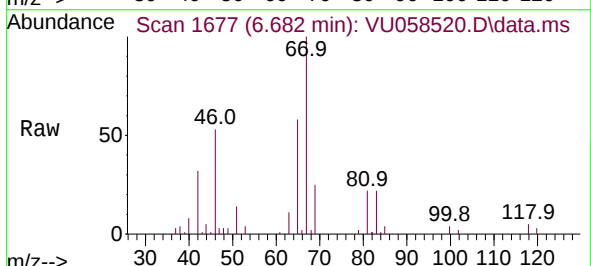
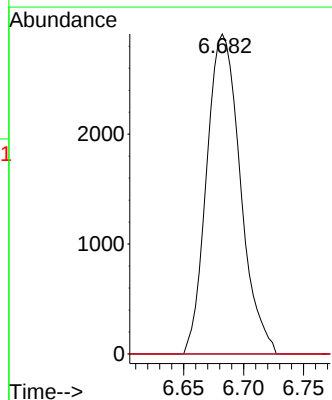
Tgt Ion: 83 Resp: 5698

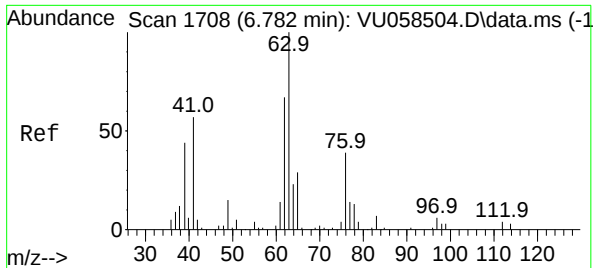
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

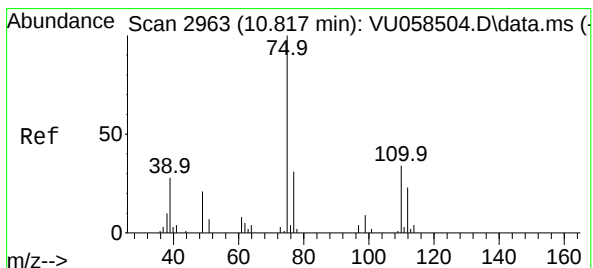
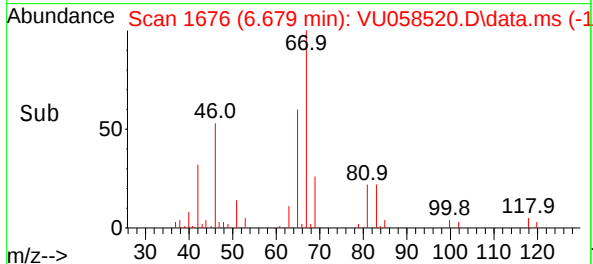
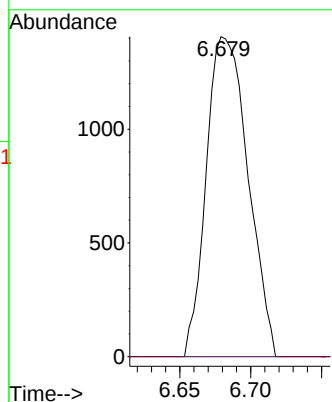
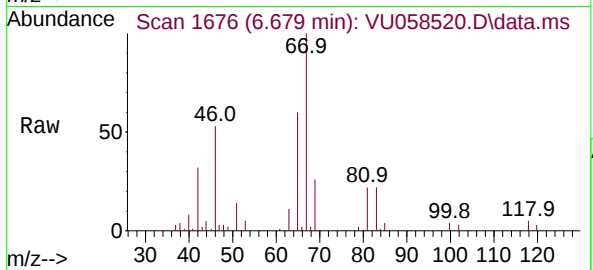




#37
1,2-Dichloropropane
Concen: 0.482 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058520.D
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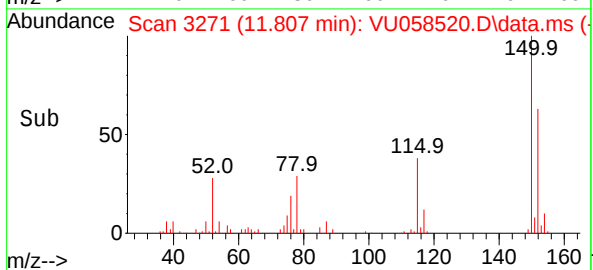
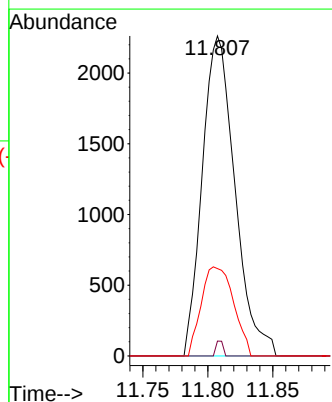
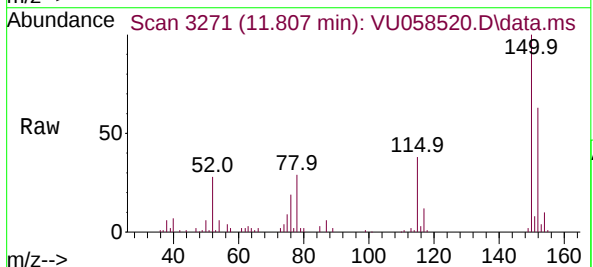
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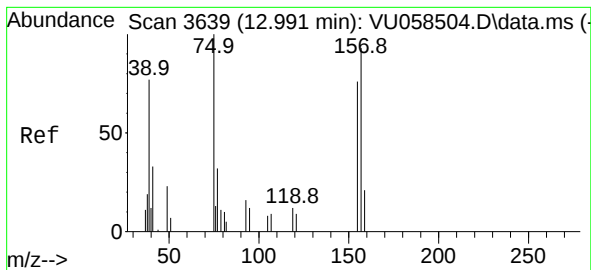
Tgt Ion: 63 Resp: 2879
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.441 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058520.D
Acq: 09 Apr 2024 17:12

Tgt Ion: 75 Resp: 3956
Ion Ratio Lower Upper
75 100
110 1.0 25.8 38.6#
77 27.5 25.1 37.7





#68

1,2-Dibromo-3-chloropropane

Concen: 0.088 ug/L

RT: 12.762 min Scan# 3568

Delta R.T. -0.228 min

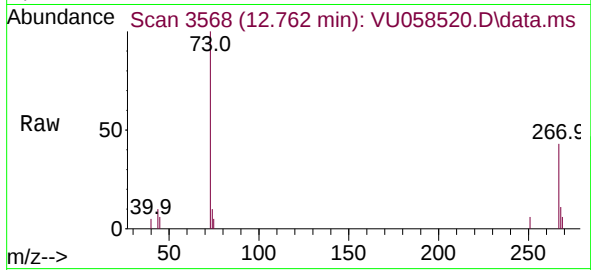
Lab File: VU058520.D

Acq: 09 Apr 2024 17:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 41

Ion Ratio Lower Upper

75 100

155 0.0 61.4 92.0#

157 0.0 81.7 122.5#

