

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082024\
 Data File : VU060491.D
 Acq On : 20 Aug 2024 15:39
 Operator : MD/SY
 Sample : P3673-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 21 02:32:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 21 02:30:39 2024
 Response via : Initial Calibration

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

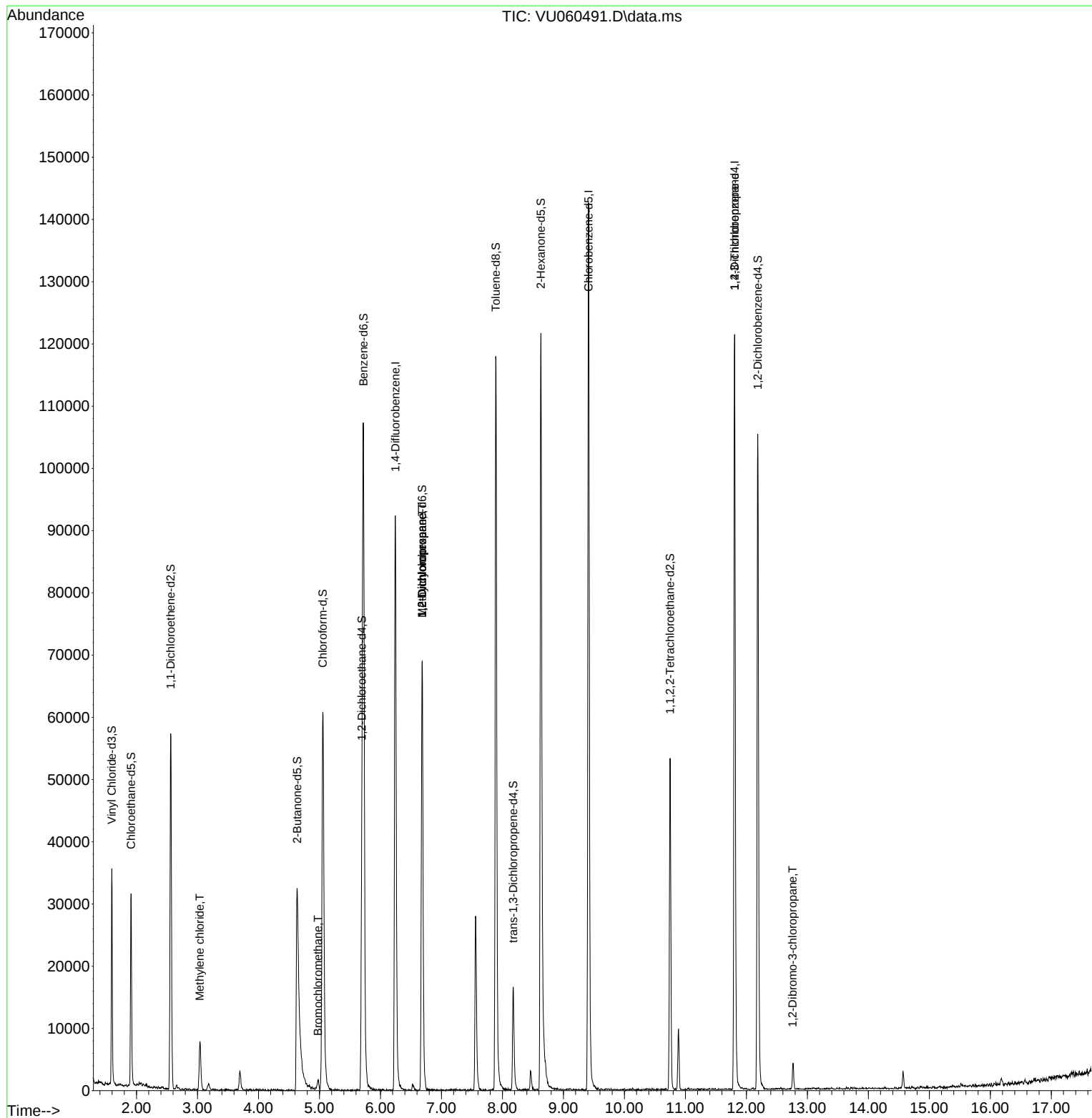
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	81837	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	86839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24093	3.751	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.911	69	23692	4.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.560	65	10840	3.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.634	46	62512	45.854	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.700%
24) Chloroform-d	5.055	84	57764	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.695	65	29550	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.721	84	105324	4.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.685	67	35496	4.370	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.891	98	86922	3.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.177	79	11522	4.387	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.631	63	43601	37.411	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	28385	4.258	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	32290	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	4397	0.573	ug/L	94
23) Bromochloromethane	4.978	128	546	0.185	ug/L #	62
35) Methylcyclohexane	6.682	83	8077	0.945	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3765	0.553	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	3873	1.075	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.756	75	100	0.148	ug/L #	1

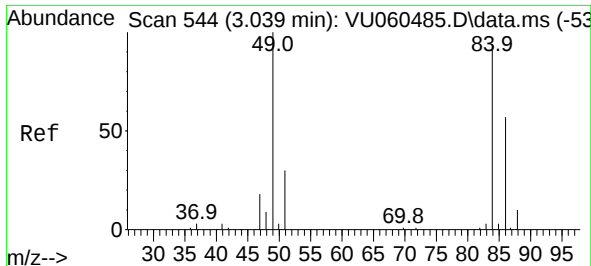
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.573 ug/L

RT: 3.036 min Scan# 544

Delta R.T. -0.003 min

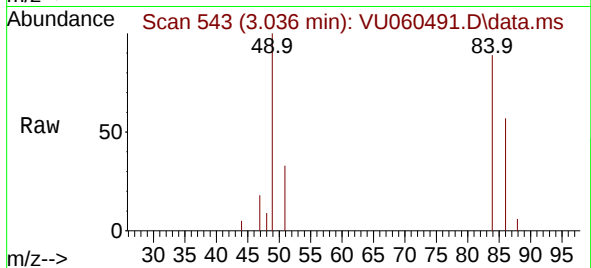
Lab File: VU060491.D

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Instrument :

MSVOA_U

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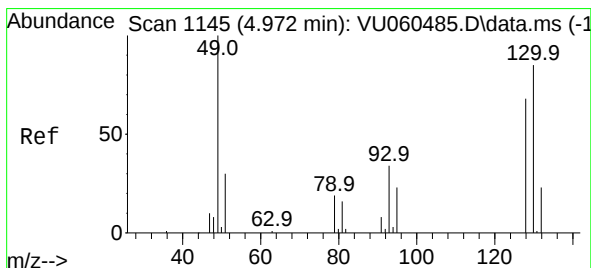
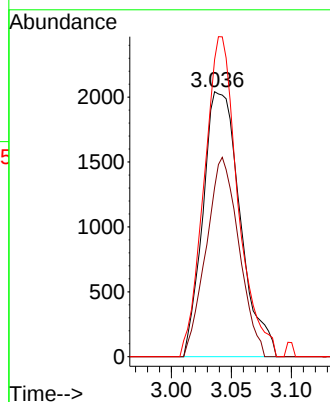
Tgt Ion: 84 Resp: 4397

Ion Ratio Lower Upper

84 100

86 63.8 47.1 87.5

49 112.1 73.9 137.3



#23

Bromochloromethane

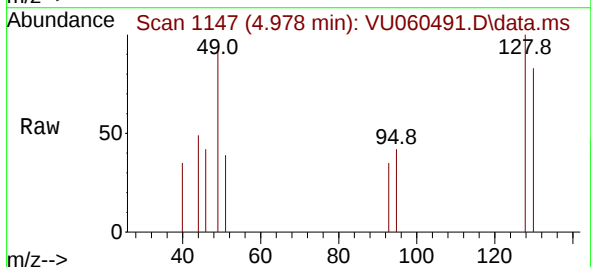
Concen: 0.185 ug/L

RT: 4.978 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VU060491.D

Acq: 20 Aug 2024 15:39



Tgt Ion: 128 Resp: 546

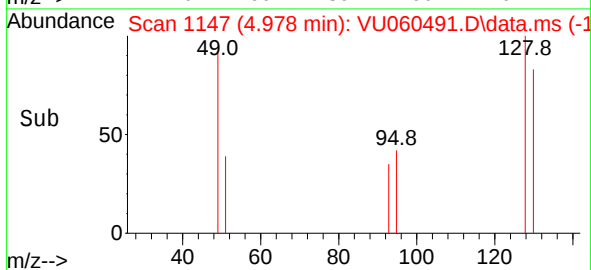
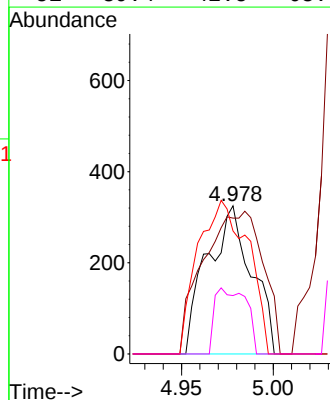
Ion Ratio Lower Upper

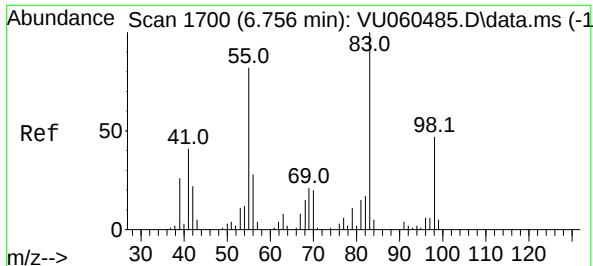
128 100

49 91.7 101.0 187.6#

130 83.1 92.7 172.1#

51 39.4 42.5 63.7#





#35

Methylcyclohexane

Concen: 0.945 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060491.D

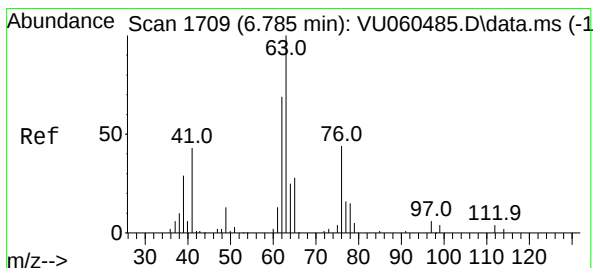
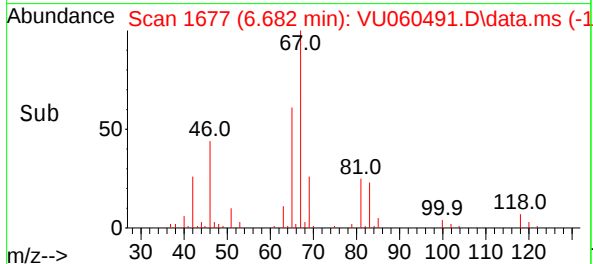
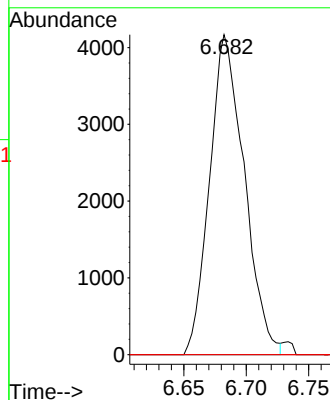
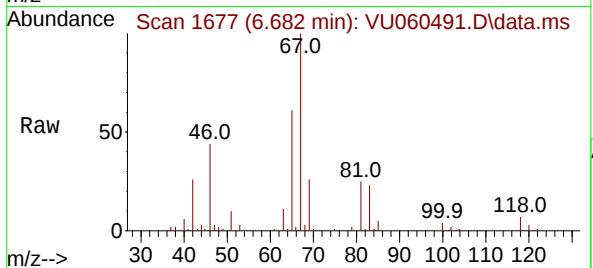
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Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 8077
Ion Ratio	Lower Upper
83	100
55	0.0 62.4 93.6#
98	0.5 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.553 ug/L

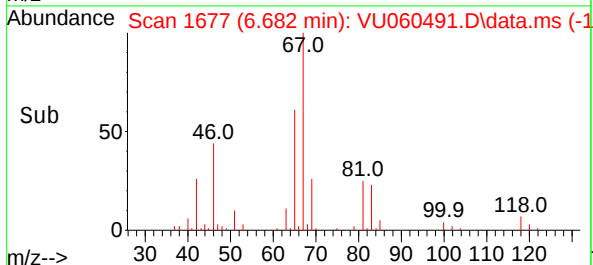
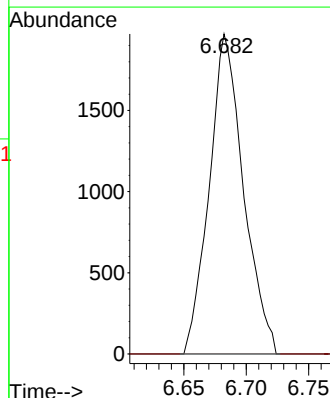
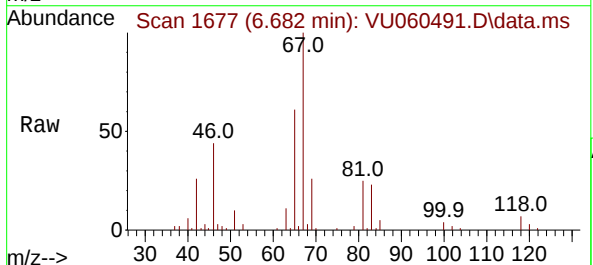
RT: 6.682 min Scan# 1677

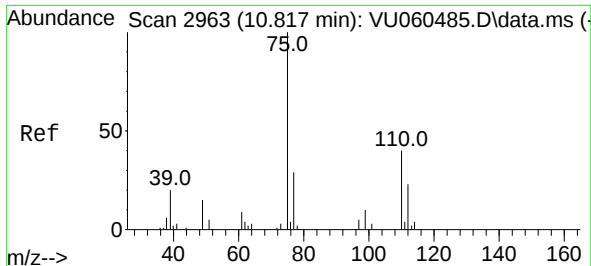
Delta R.T. -0.103 min

Lab File: VU060491.D

Acq: 20 Aug 2024 15:39

Tgt Ion: 63	Resp: 3765
Ion Ratio	Lower Upper
63	100
112	0.0 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 1.075 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU060491.D

Acq: 20 Aug 2024 15:39

Instrument :

MSVOA_U

ClientSampleId :

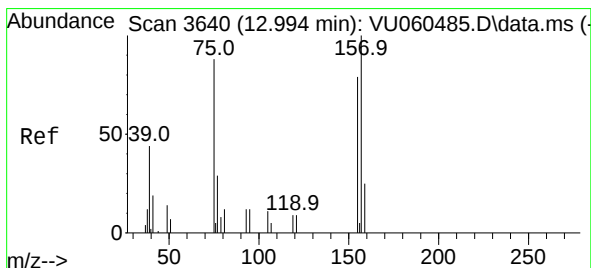
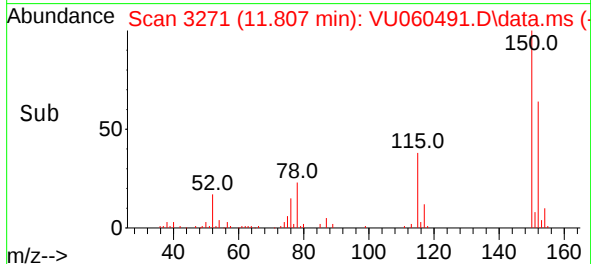
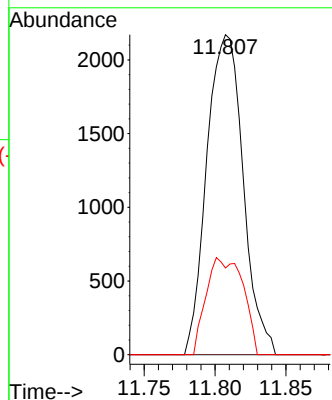
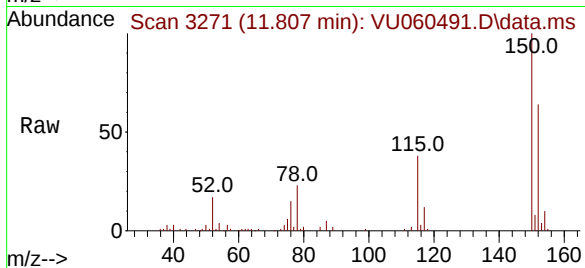
Tgt Ion: 75 Resp: 3873

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 30.7 27.0 40.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.148 ug/L

RT: 12.756 min Scan# 3566

Delta R.T. -0.238 min

Lab File: VU060491.D

Acq: 20 Aug 2024 15:39

Tgt Ion: 75 Resp: 100

Ion Ratio Lower Upper

75 100

155 0.0 64.3 96.5#

157 0.0 88.0 132.0#

