

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056780.D
 Acq On : 12 Dec 2023 12:54
 Operator : MD/SY
 Sample : 05649-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0LQ3

Quant Time: Dec 13 00:31:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 00:30:00 2023
 Response via : Initial Calibration

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

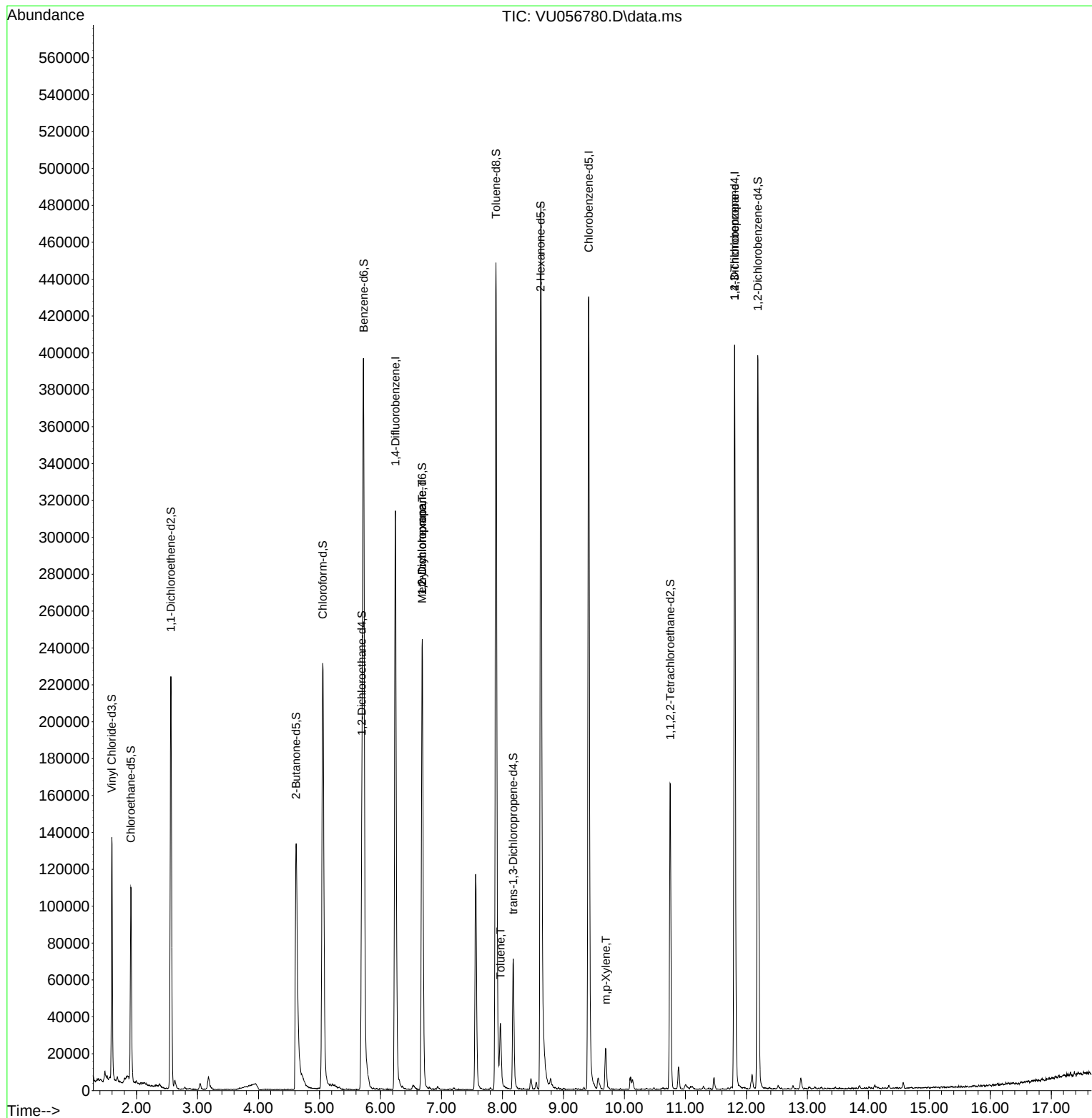
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	259124	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	256630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	93806	4.223	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.907	69	80418	4.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.563	65	43730	4.602	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.618	46	212143	48.364	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.720%
24) Chloroform-d	5.055	84	198373	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	97898	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.724	84	384118	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.685	67	119036	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.894	98	312784	4.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.177	79	43846	4.538	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.627	63	165731	45.480	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.960%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83160	4.613	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	105562	5.027	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	27691	0.758	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13047	0.566	ug/L #	88
42) Toluene	7.968	91	25496	0.273	ug/L	94
53) m,p-Xylene	9.695	106	7000	0.183	ug/L	94
61) 1,2,3-Trichloropropane	11.807	75	13350	1.164	ug/L #	70

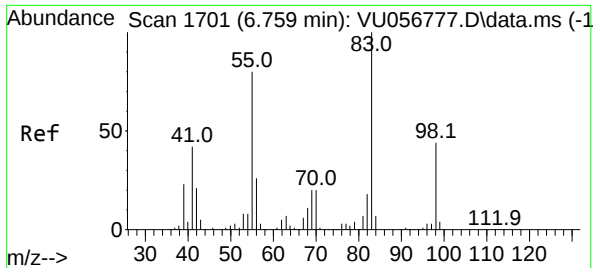
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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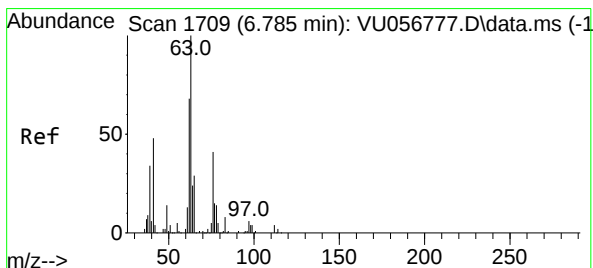
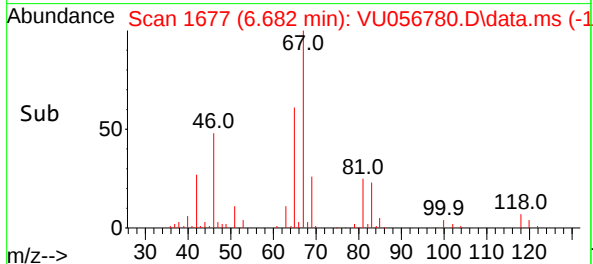
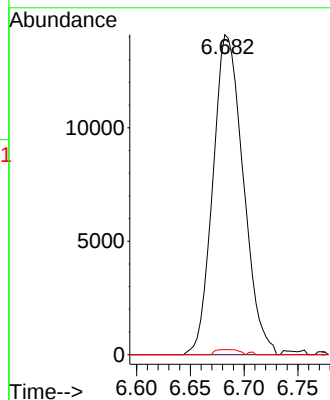
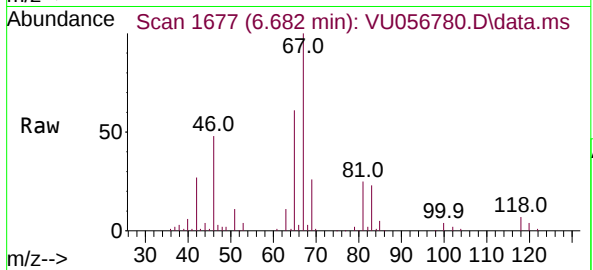




#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056780.D
Acq: 12 Dec 2023 12:54

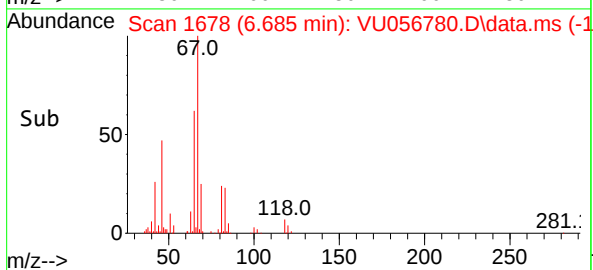
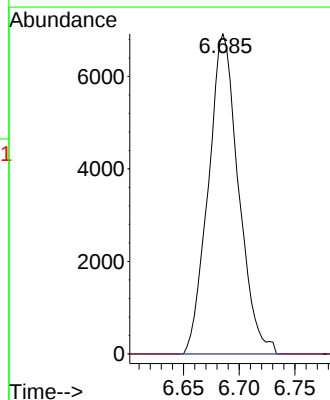
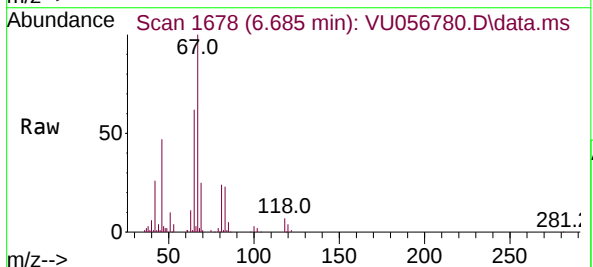
Instrument :
MSVOA_U
ClientSampleId :
E0LQ3

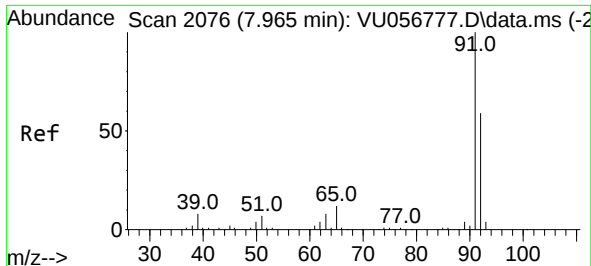
Tgt Ion: 83 Resp: 27691
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 1.2 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056780.D
Acq: 12 Dec 2023 12:54

Tgt Ion: 63 Resp: 13047
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#42

Toluene

Concen: 0.273 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056780.D

Acq: 12 Dec 2023 12:54

Instrument :

MSVOA_U

ClientSampleId :

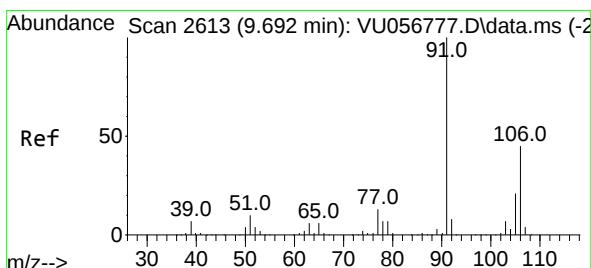
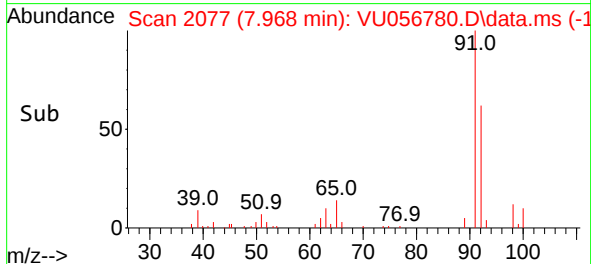
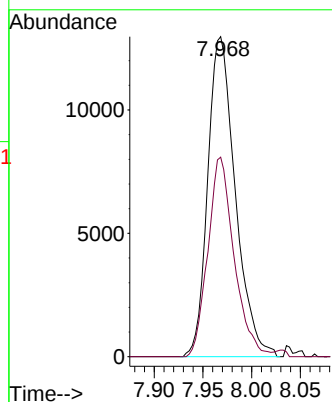
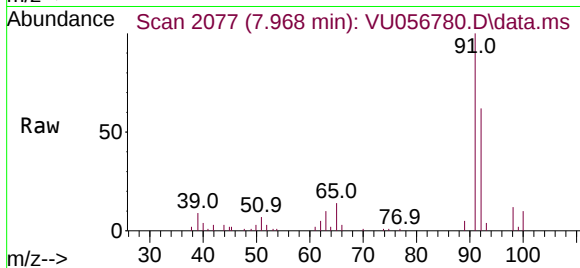
E0LQ3

Tgt Ion: 91 Resp: 25496

Ion Ratio Lower Upper

91 100

92 62.4 40.4 75.0



#53

m,p-Xylene

Concen: 0.183 ug/L

RT: 9.695 min Scan# 2614

Delta R.T. 0.003 min

Lab File: VU056780.D

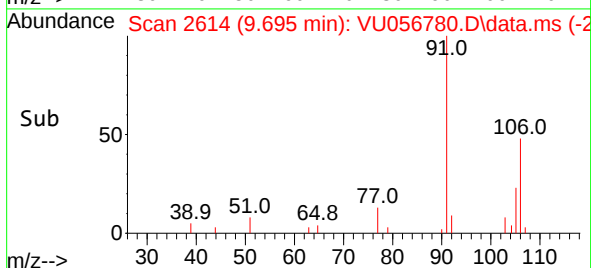
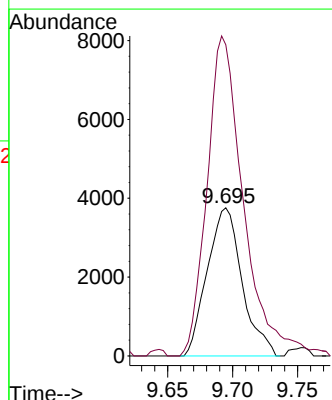
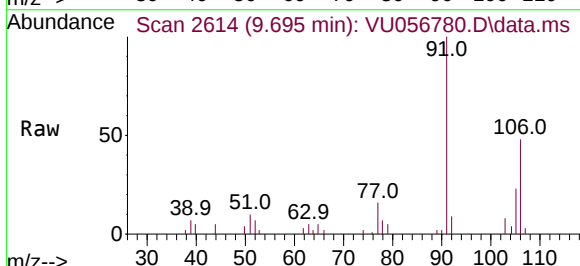
Acq: 12 Dec 2023 12:54

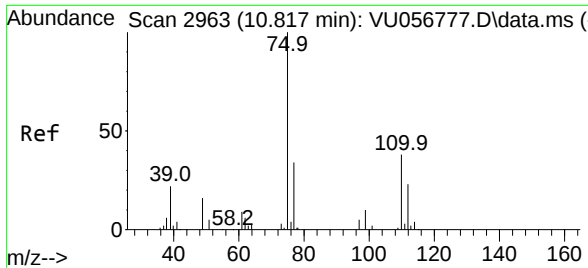
Tgt Ion: 106 Resp: 7000

Ion Ratio Lower Upper

106 100

91 210.0 154.0 286.0





#61
 1,2,3-Trichloropropane
 Concen: 1.164 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056780.D
 Acq: 12 Dec 2023 12:54

Instrument :
 MSVOA_U
 ClientSampleId :
 E0LQ3

Tgt Ion:	75	Resp:	13350
Ion	Ratio	Lower	Upper
75	100		
110	2.1	28.4	42.6#
77	33.0	26.3	39.5

