

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058519.D
 Acq On : 09 Apr 2024 16:49
 Operator : MD/SY
 Sample : P2009-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 01:16:30 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)

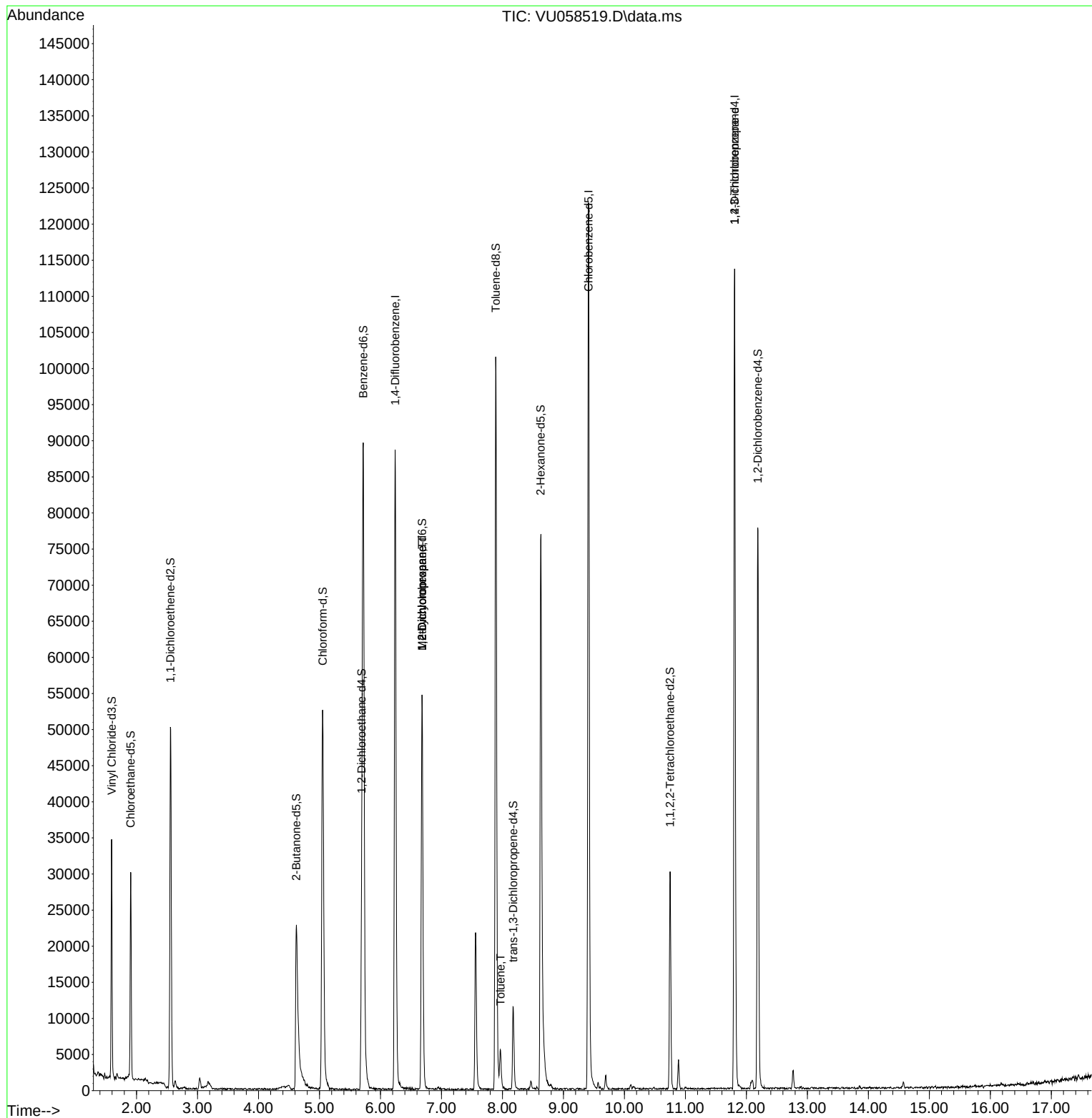
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67229	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29314	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22253	4.919	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.904	69	19146	4.870	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.557	65	9960	4.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.621	46	39851	41.799	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.600%
24) Chloroform-d	5.052	84	40301	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.692	65	20232	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.718	84	82618	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	26056	4.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.891	98	68977	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.177	79	7418	4.210	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.627	63	27115	37.311	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.620%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15391	3.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	20648	4.182	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	5426	0.586	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2990	0.466	ug/L #	90
42) Toluene	7.968	91	4143	0.162	ug/L	98
61) 1,2,3-Trichloropropane	11.807	75	4226	1.413	ug/L #	68

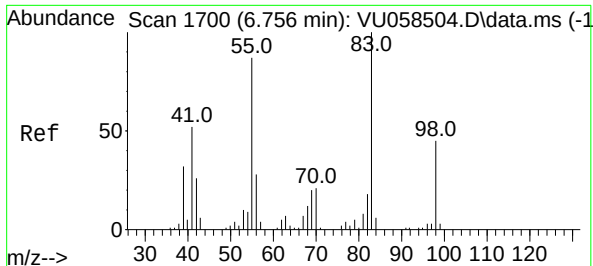
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.586 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

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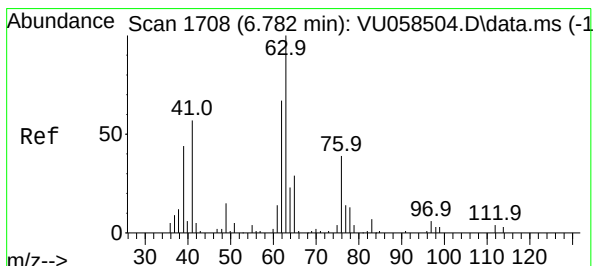
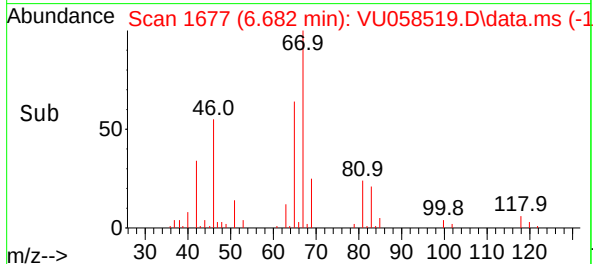
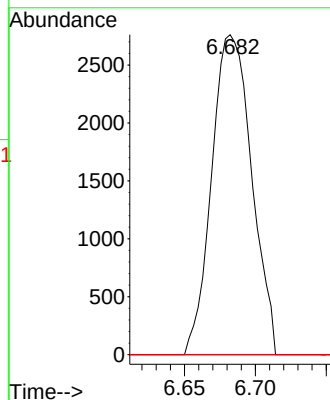
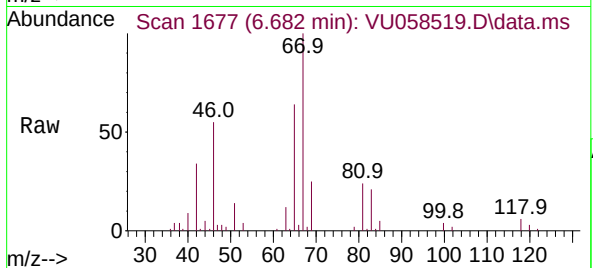
Acq: 09 Apr 2024 16:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	5426
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: 0.466 ug/L

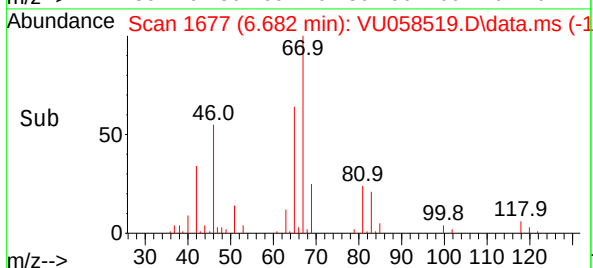
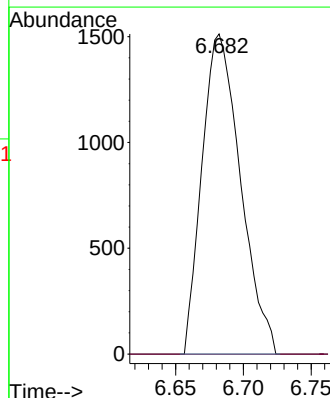
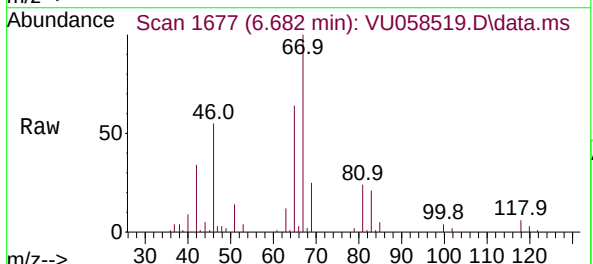
RT: 6.682 min Scan# 1677

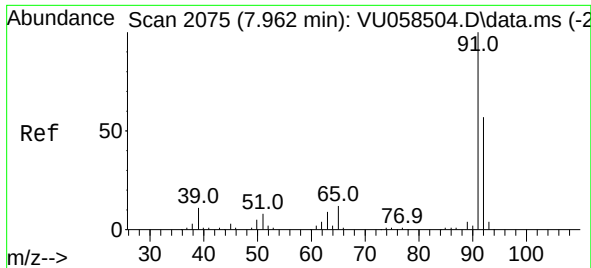
Delta R.T. -0.100 min

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Acq: 09 Apr 2024 16:49

Tgt Ion:	63	Resp:	2990
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.6	4.0#





#42

Toluene

Concen: 0.162 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

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Instrument :

MSVOA_U

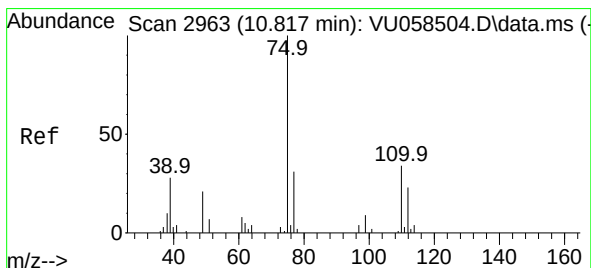
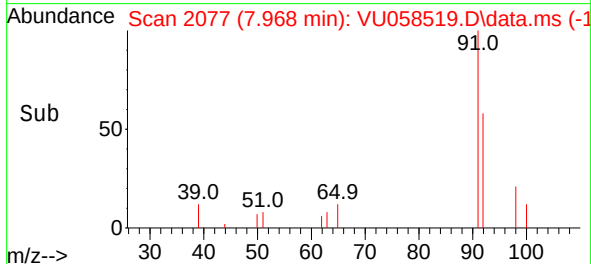
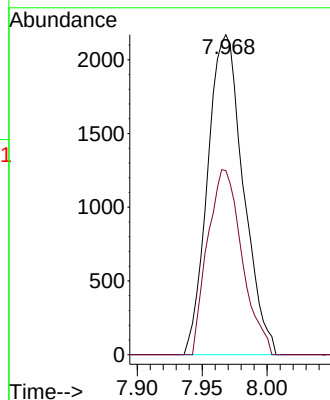
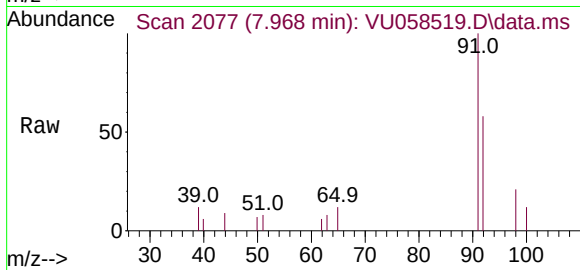
ClientSampleId :

Tgt Ion: 91 Resp: 4143

Ion Ratio Lower Upper

91 100

92 57.6 39.5 73.3



#61

1,2,3-Trichloropropane

Concen: 1.413 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

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Acq: 09 Apr 2024 16:49

Tgt Ion: 75 Resp: 4226

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6

77 27.9 25.1 37.7

