

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056910.D
 Acq On : 16 Dec 2023 04:07
 Operator : MD/SY
 Sample : 05809-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 05:13:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

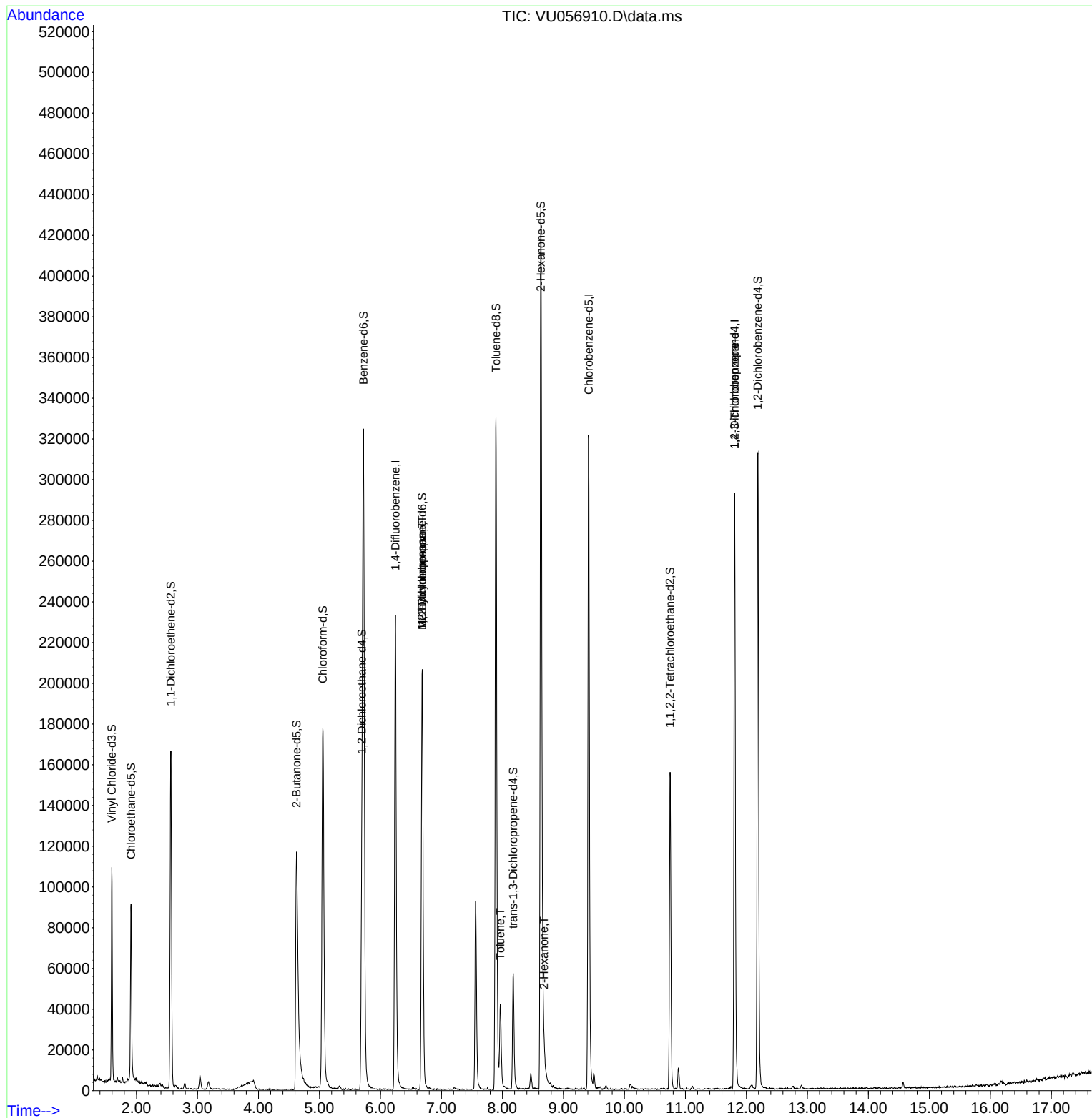
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	188127	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78856	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	74162	4.599	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.000%	
7) Chloroethane-d5	1.911	69	64150	5.316	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.400%	
11) 1,1-Dichloroethene-d2	2.563	65	32276	4.678	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.600%	
20) 2-Butanone-d5	4.624	46	197172	61.915	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.820%	
24) Chloroform-d	5.055	84	169180	5.540	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.800%	
26) 1,2-Dichloroethane-d4	5.695	65	85118	5.891	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	117.800%	
32) Benzene-d6	5.721	84	311483	5.317	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.400%	
36) 1,2-Dichloropropane-d6	6.685	67	104372	5.692	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.800%	
41) Toluene-d8	7.894	98	234629	4.481	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	8.177	79	35479	4.989	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.800%	
46) 2-Hexanone-d5	8.631	63	150017	55.934	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.860%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	79509	5.993	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	84599	5.458	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.200%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	24214	0.901	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	10795	0.636	ug/L #	88
42) Toluene	7.965	91	31934	0.465	ug/L	92
48) 2-Hexanone	8.682	43	7085	1.234	ug/L #	52
61) 1,2,3-Trichloropropane	11.807	75	10314	1.218	ug/L #	70

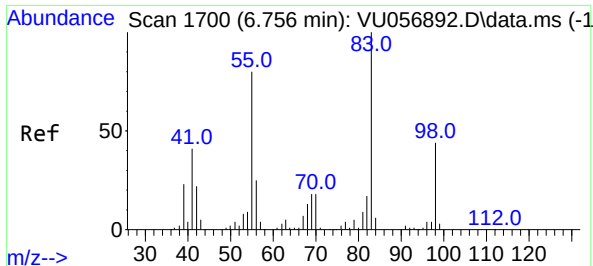
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.901 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056910.D

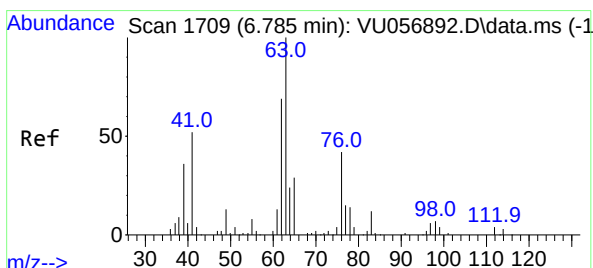
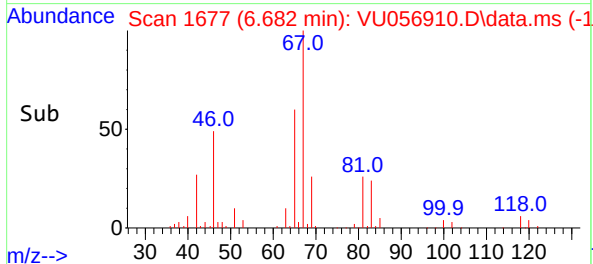
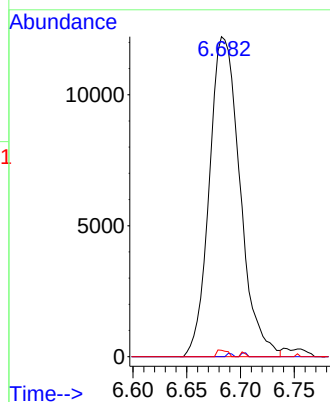
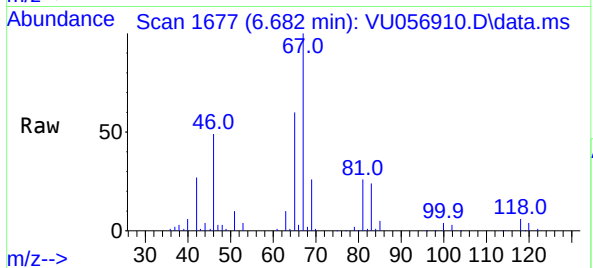
Acq: 16 Dec 2023 04:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	24214
Ion	Ratio	Lower	Upper
83	100		
55	0.2	64.6	97.0#
98	0.7	36.1	54.1#



#37

1,2-Dichloropropane

Concen: 0.636 ug/L

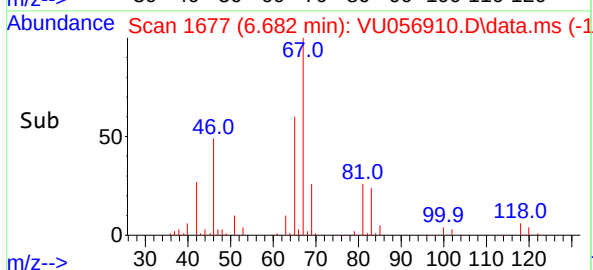
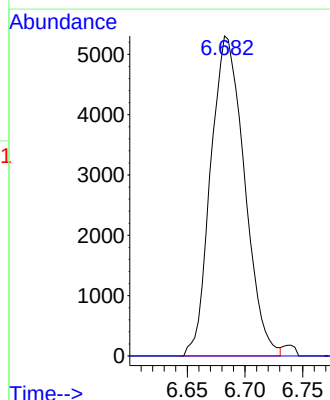
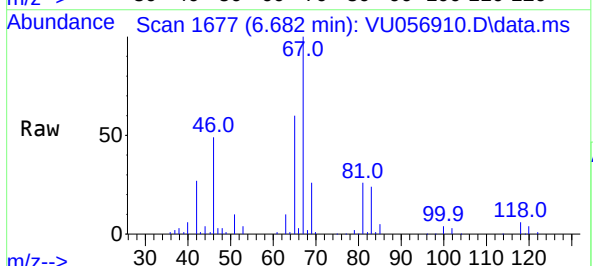
RT: 6.682 min Scan# 1677

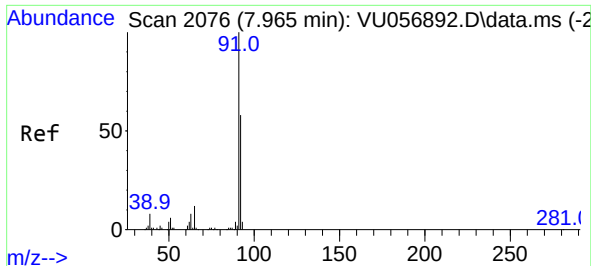
Delta R.T. -0.103 min

Lab File: VU056910.D

Acq: 16 Dec 2023 04:07

Tgt Ion:	63	Resp:	10795
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

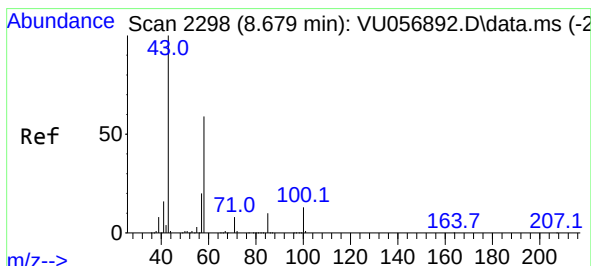
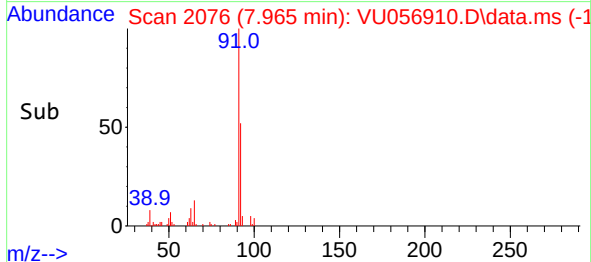
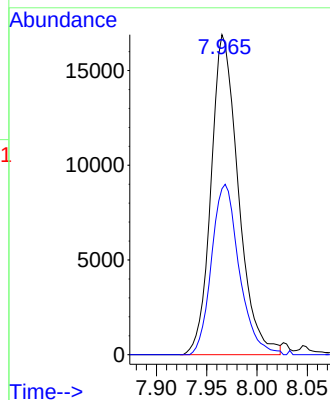
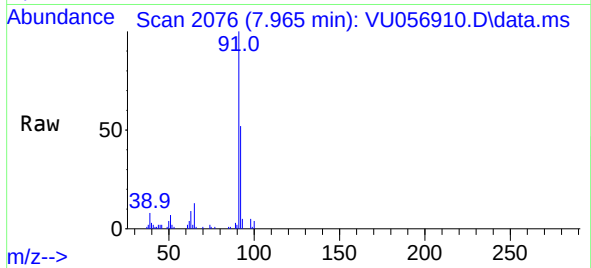




#42
Toluene
Concen: 0.465 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
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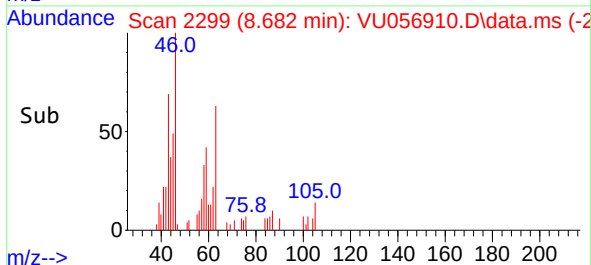
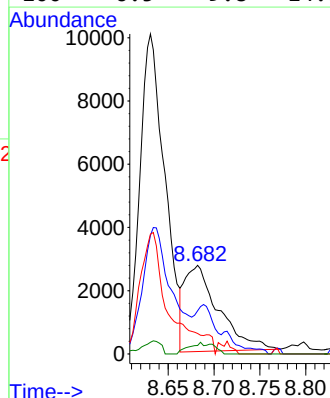
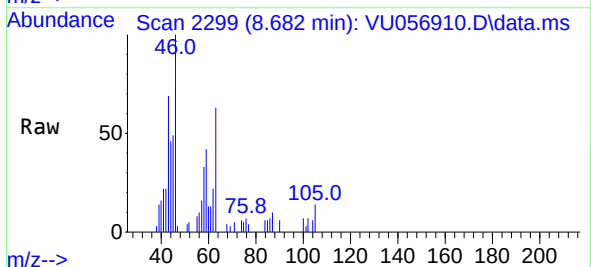
Instrument :
MSVOA_U
ClientSampleId :

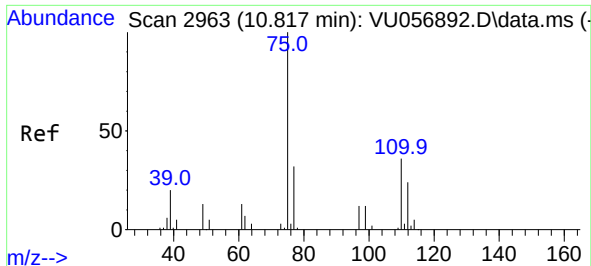
Tgt Ion: 91 Resp: 31934
Ion Ratio Lower Upper
91 100
92 51.9 40.4 75.0



#48
2-Hexanone
Concen: 1.234 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056910.D
Acq: 16 Dec 2023 04:07

Tgt Ion: 43 Resp: 7085
Ion Ratio Lower Upper
43 100
58 17.3 47.5 71.3#
57 0.0 17.0 25.4#
100 6.5 9.8 14.8#





#61

1,2,3-Trichloropropane

Concen: 1.218 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

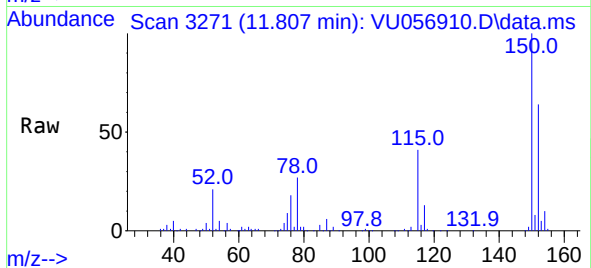
Lab File: VU056910.D

Acq: 16 Dec 2023 04:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 10314

Ion Ratio Lower Upper

75 100

110 1.7 28.4 42.6#

77 32.9 26.3 39.5

