

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056748.D
 Acq On : 11 Dec 2023 21:44
 Operator : MD/SY
 Sample : 05664-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:13:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 01:07:35 2023
 Response via : Initial Calibration

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

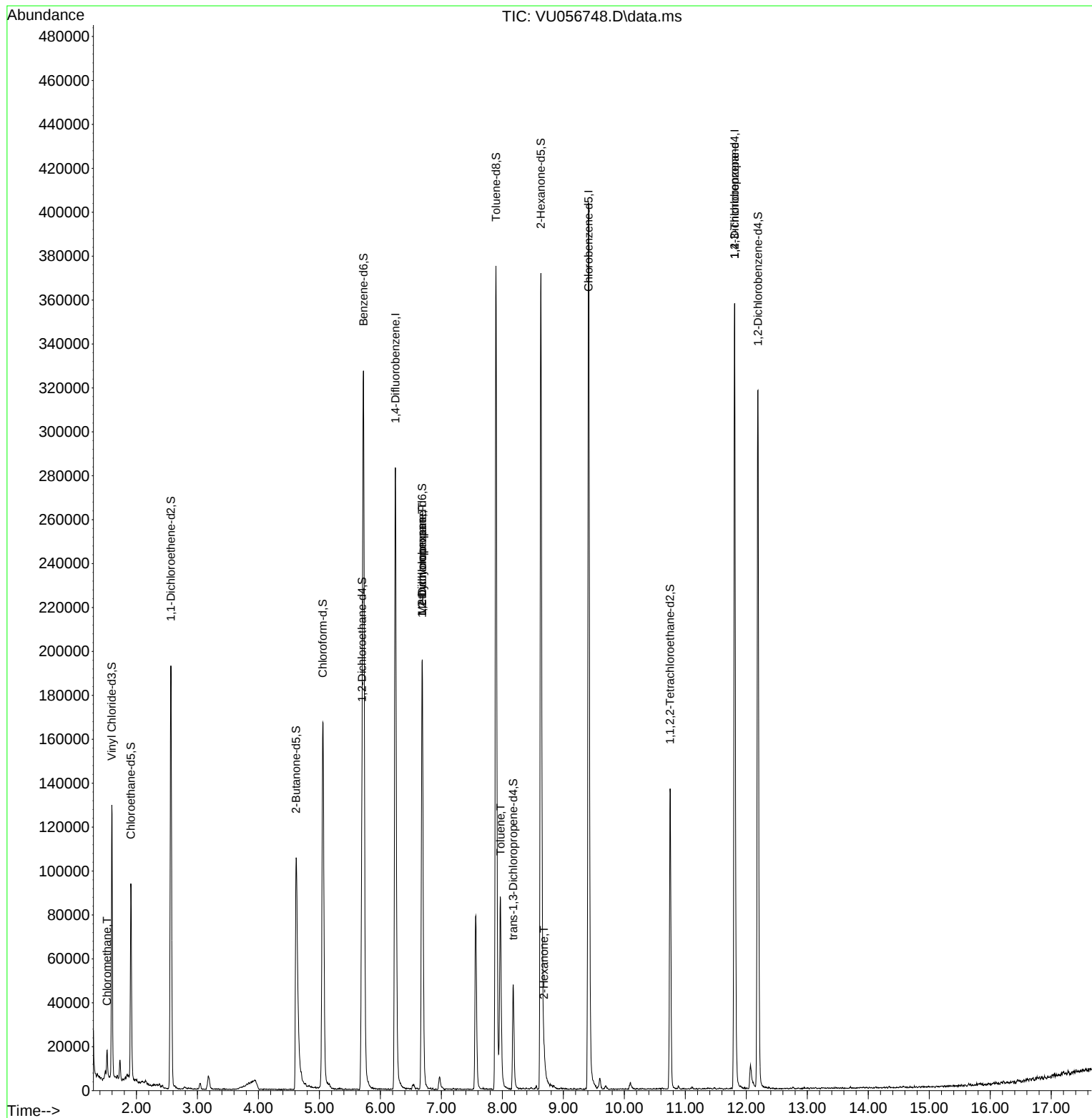
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	238490	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	238777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	88112	4.310	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.908	69	67318	4.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.563	65	38134	4.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.618	46	170643	42.269	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.540%
24) Chloroform-d	5.055	84	161233	4.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.698	65	80141	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.721	84	316435	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.685	67	100475	4.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.894	98	260925	3.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.177	79	28808	3.205	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.000%
46) 2-Hexanone-d5	8.631	63	127642	37.646	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.300%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	68798	4.102	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	86796	4.568	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	7505	0.305	ug/L	96
35) Methylcyclohexane	6.685	83	23369	0.688	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	10741	0.500	ug/L #	88
42) Toluene	7.968	91	66592	0.767	ug/L	98
48) 2-Hexanone	8.682	43	6110	0.842	ug/L #	71
61) 1,2,3-Trichloropropane	11.807	75	13103	1.262	ug/L #	66

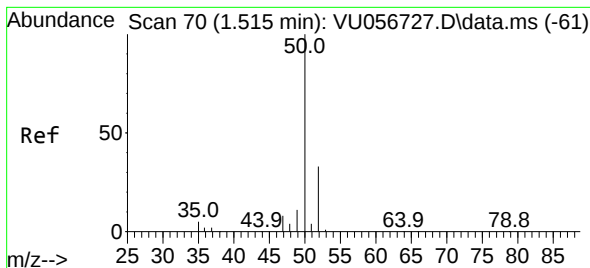
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.305 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU056748.D

Acq: 11 Dec 2023 21:44

Instrument :

MSVOA_U

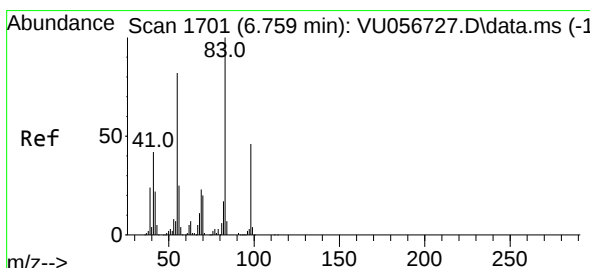
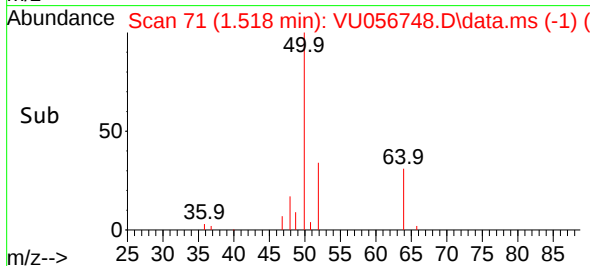
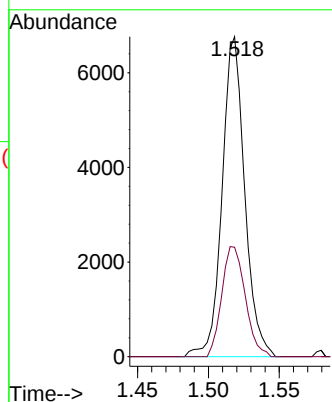
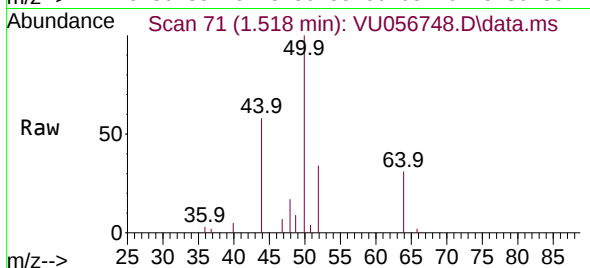
ClientSampleId :

Tgt Ion: 50 Resp: 7505

Ion Ratio Lower Upper

50 100

52 34.2 22.5 41.7



#35

Methylcyclohexane

Concen: 0.688 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056748.D

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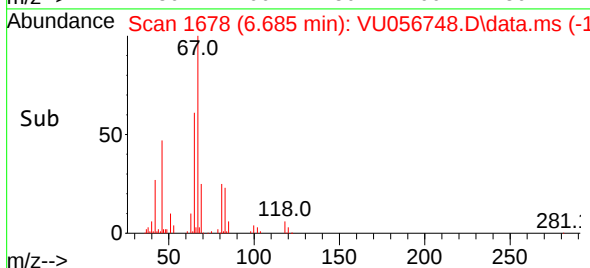
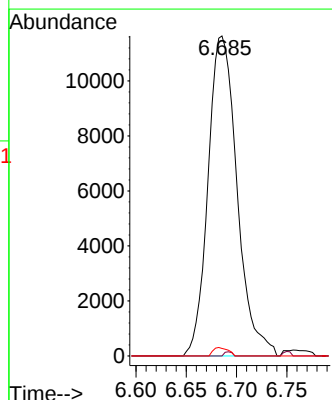
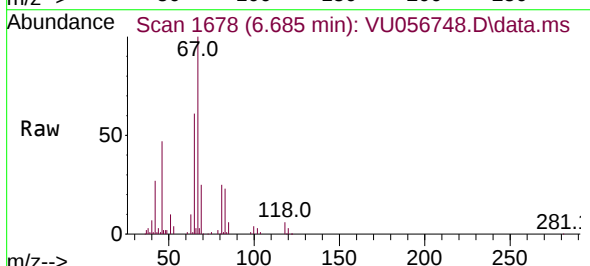
Tgt Ion: 83 Resp: 23369

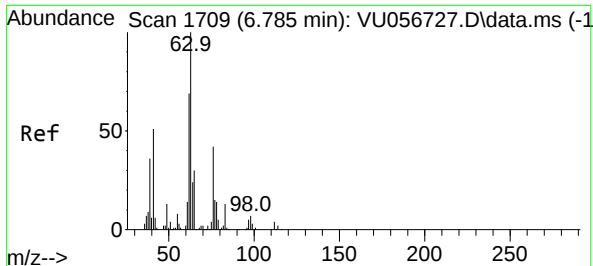
Ion Ratio Lower Upper

83 100

55 0.3 64.6 97.0#

98 1.3 36.1 54.1#

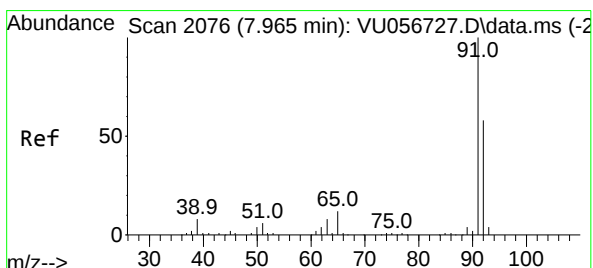
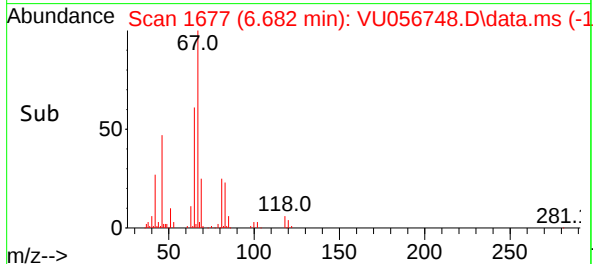
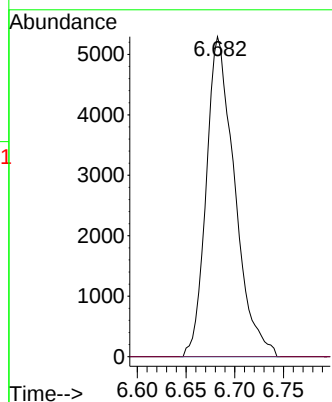
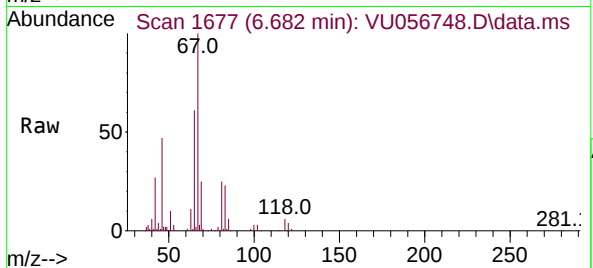




#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU056748.D
Acq: 11 Dec 2023 21:44

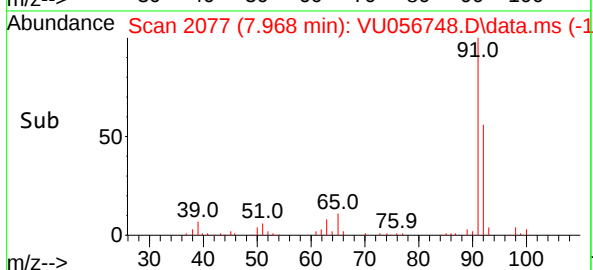
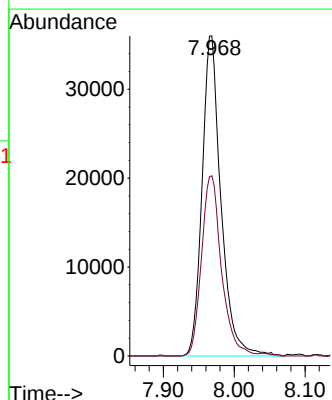
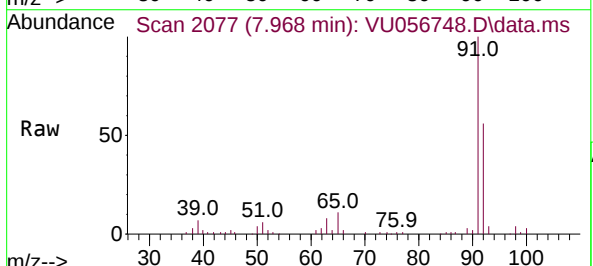
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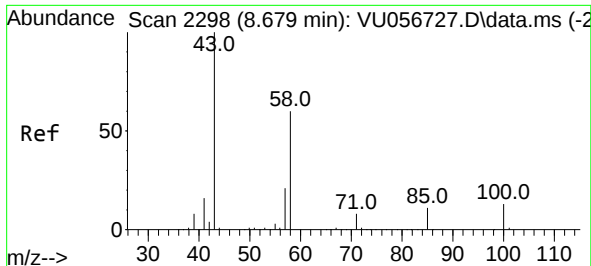
Tgt Ion: 63 Resp: 10741
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#42
Toluene
Concen: 0.767 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU056748.D
Acq: 11 Dec 2023 21:44

Tgt Ion: 91 Resp: 66592
Ion Ratio Lower Upper
91 100
92 56.3 40.4 75.0

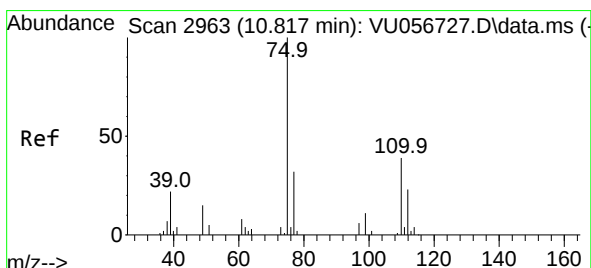
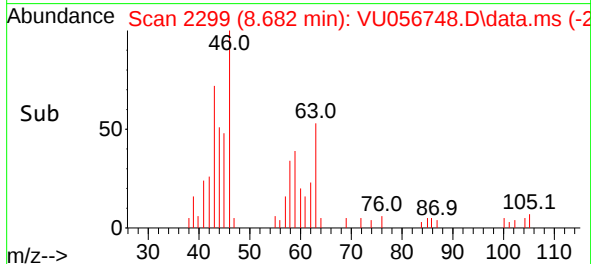
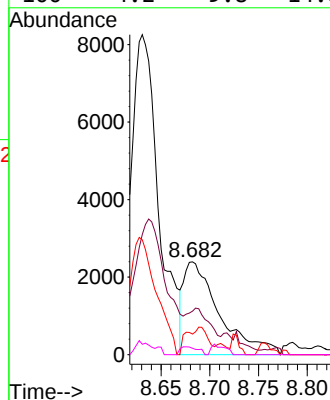
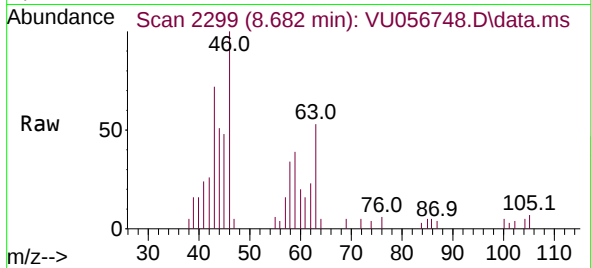




#48
2-Hexanone
Concen: 0.842 ug/L
RT: 8.682 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU056748.D
Acq: 11 Dec 2023 21:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	43	Resp:	6110
Ion	Ratio	Lower	Upper
43	100		
58	30.8	47.5	71.3#
57	17.8	17.0	25.4
100	4.2	9.8	14.8#



#61
1,2,3-Trichloropropane
Concen: 1.262 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056748.D
Acq: 11 Dec 2023 21:44

Tgt Ion:	75	Resp:	13103
Ion	Ratio	Lower	Upper
75	100		
110	1.8	28.4	42.6#
77	28.2	26.3	39.5

