

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057267.D
 Acq On : 27 Dec 2023 06:10
 Operator : MD/SY
 Sample : 05998-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 06:48:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 27 01:05:12 2023
 Response via : Initial Calibration

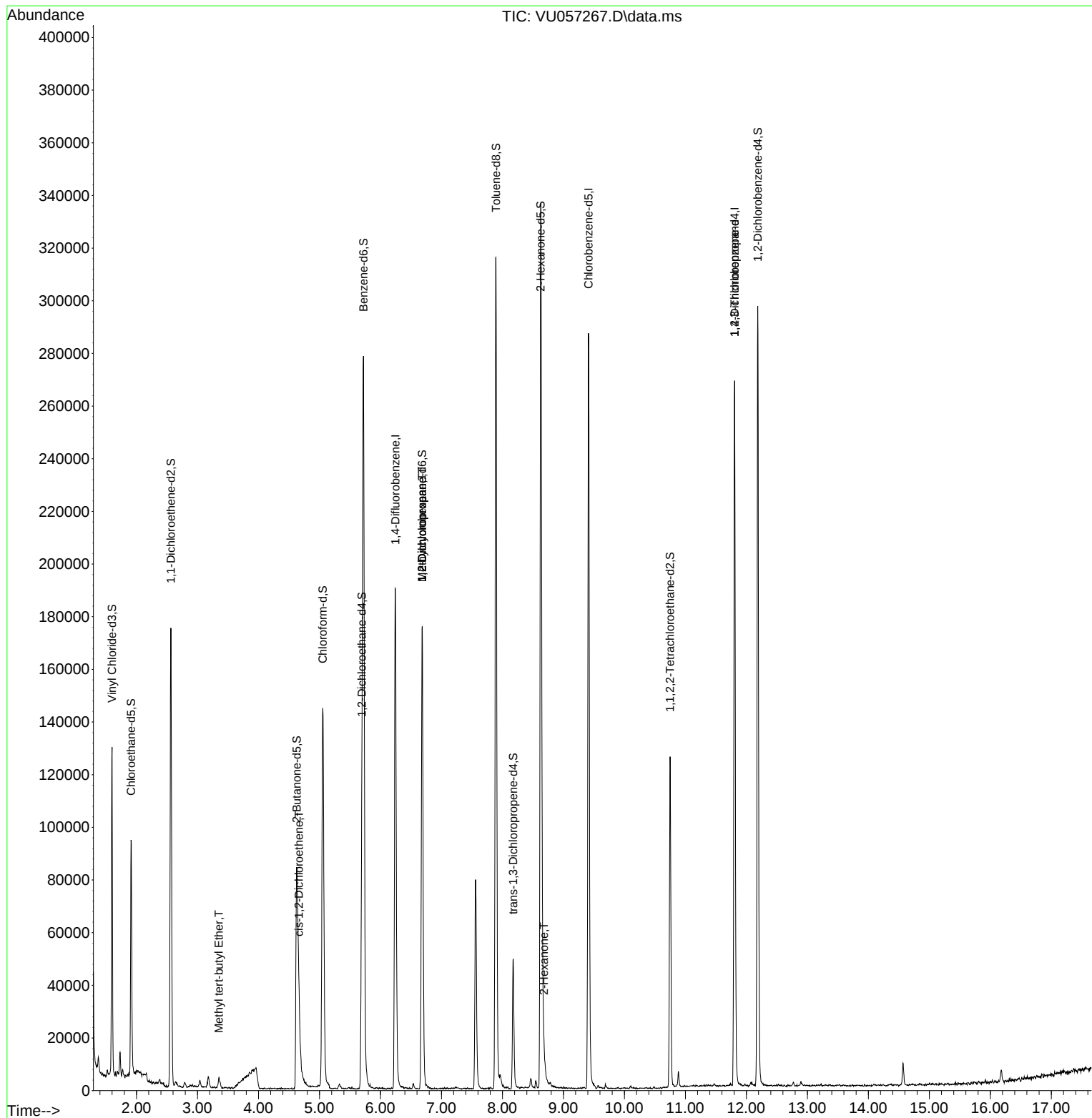
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	157350	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	161985	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73167	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	86552	5.755	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 115.000%		
7) Chloroethane-d5	1.911	69	68142	5.504	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.000%		
11) 1,1-Dichloroethene-d2	2.563	65	35078	5.383	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.600%		
20) 2-Butanone-d5	4.627	46	145024	61.416	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 122.840%		
24) Chloroform-d	5.055	84	138982	4.785	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 95.800%		
26) 1,2-Dichloroethane-d4	5.695	65	71263	5.148	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.000%		
32) Benzene-d6	5.721	84	267845	4.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.400%		
36) 1,2-Dichloropropane-d6	6.685	67	86003	5.440	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.800%		
41) Toluene-d8	7.894	98	218180	4.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 86.000%		
43) trans-1,3-Dichloroprop...	8.177	79	30584	4.647	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 93.000%		
46) 2-Hexanone-d5	8.627	63	116555	52.014	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.020%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	61184	5.438	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 108.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	77458	4.920	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 98.400%		
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.351	73	4092	0.164	ug/L #	95
22) cis-1,2-Dichloroethene	4.663	96	6258	0.495	ug/L	95
35) Methylcyclohexane	6.685	83	19298	0.976	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9594	0.751	ug/L #	89
48) 2-Hexanone	8.682	43	2880	0.705	ug/L #	80
61) 1,2,3-Trichloropropane	11.807	75	8980	1.317	ug/L #	66

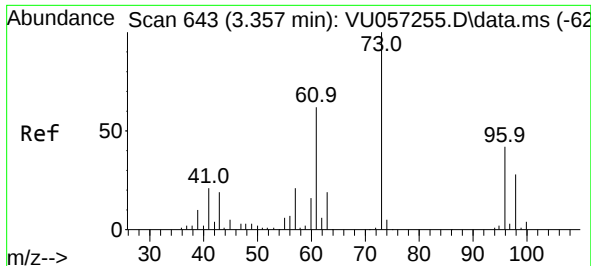
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.164 ug/L

RT: 3.351 min Scan# 64

Delta R.T. -0.006 min

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ClientSampleId :

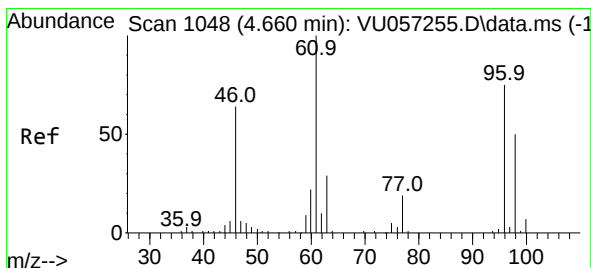
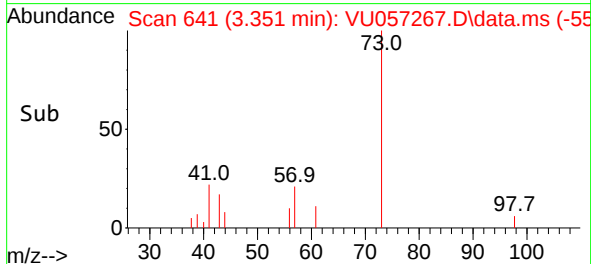
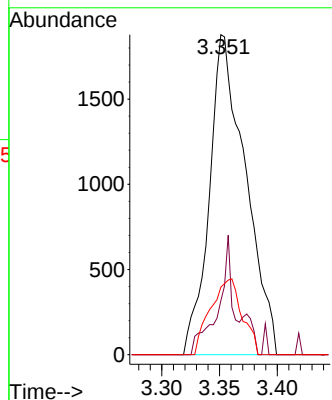
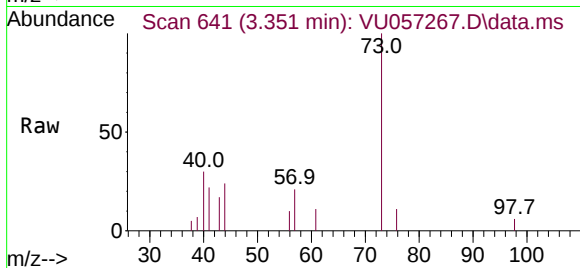
Tgt Ion: 73 Resp: 4092

Ion Ratio Lower Upper

73 100

43 15.0 15.4 23.0#

57 20.7 16.2 24.2



#22

cis-1,2-Dichloroethene

Concen: 0.495 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

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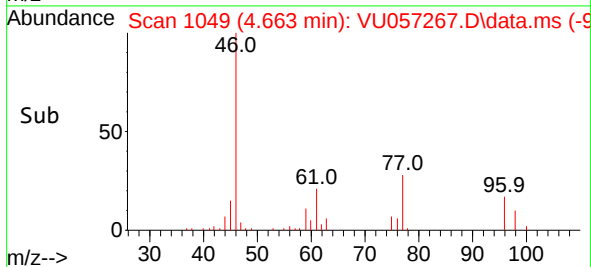
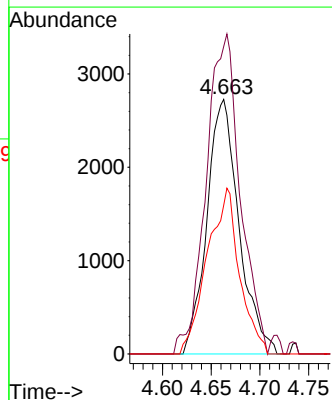
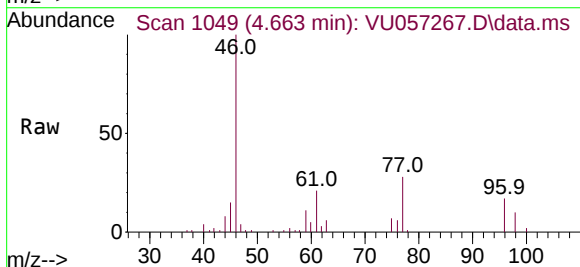
Tgt Ion: 96 Resp: 6258

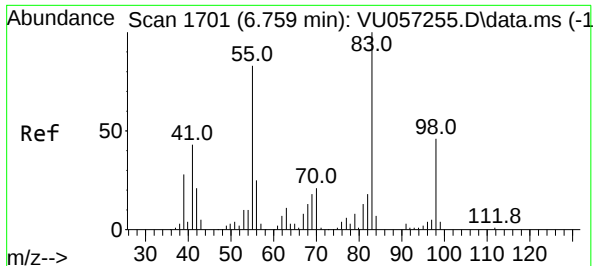
Ion Ratio Lower Upper

96 100

61 120.8 86.8 161.2

98 58.4 45.5 84.5





#35

Methylcyclohexane

Concen: 0.976 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

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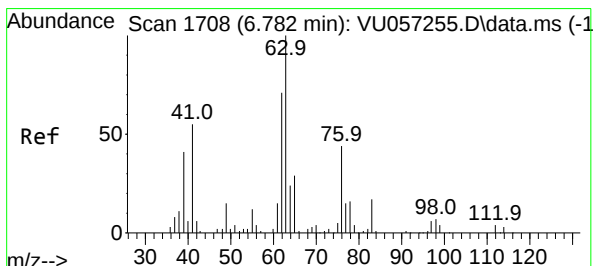
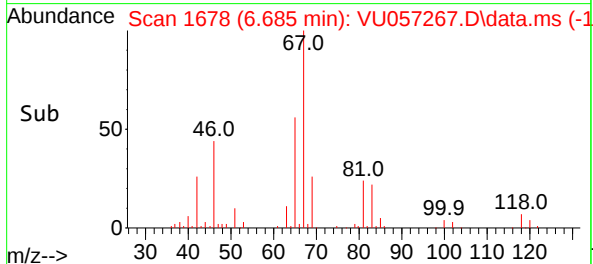
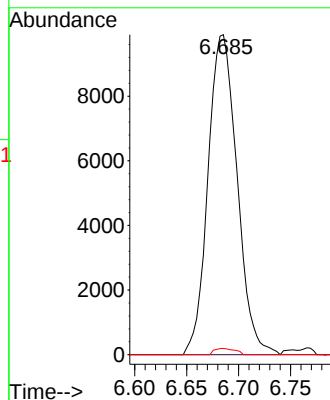
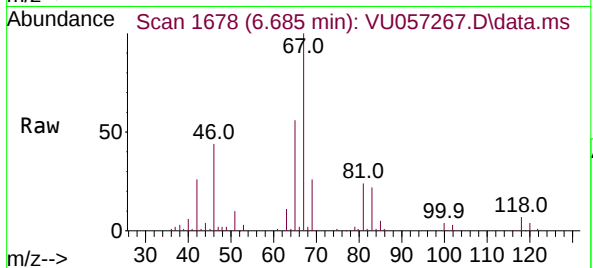
Tgt Ion: 83 Resp: 19298

Ion Ratio Lower Upper

83 100

55 0.0 61.3 91.9#

98 1.4 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.751 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU057267.D

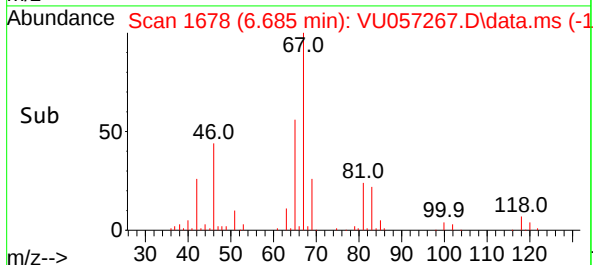
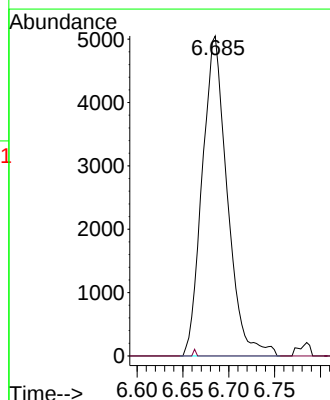
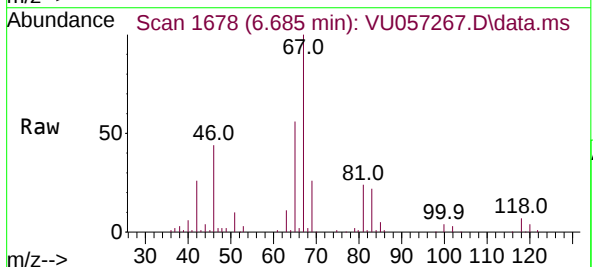
Acq: 27 Dec 2023 06:10

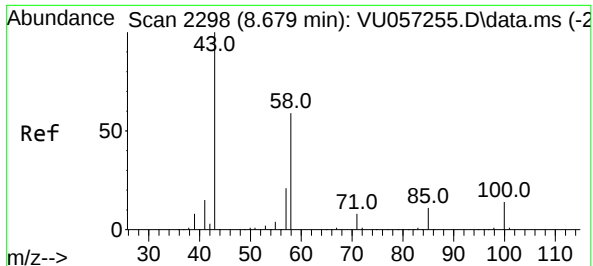
Tgt Ion: 63 Resp: 9594

Ion Ratio Lower Upper

63 100

112 0.2 3.1 4.7#





#48

2-Hexanone

Concen: 0.705 ug/L

RT: 8.682 min Scan# 21

Delta R.T. 0.003 min

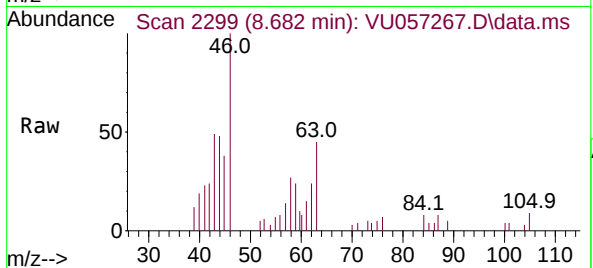
Lab File: VU057267.D

Acq: 27 Dec 2023 06:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 2880

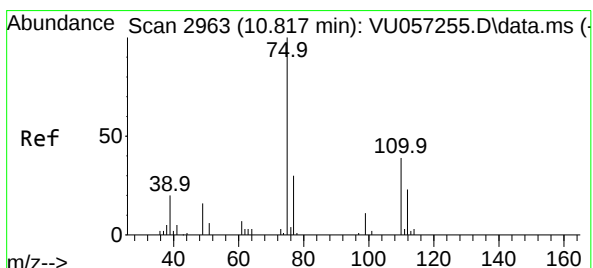
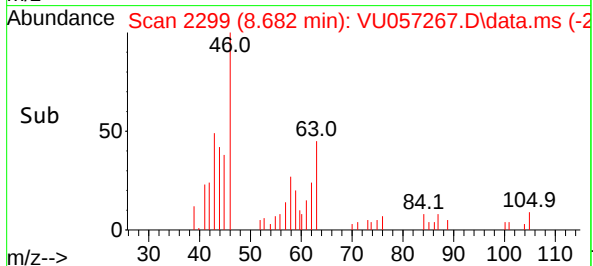
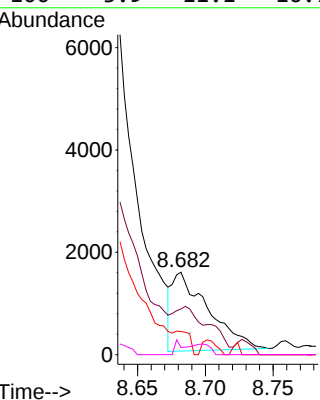
Ion Ratio Lower Upper

43 100

58 55.0 49.8 74.8

57 0.0 18.5 27.7#

100 3.9 11.1 16.7#



#61

1,2,3-Trichloropropane

Concen: 1.317 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057267.D

Acq: 27 Dec 2023 06:10

Tgt Ion: 75 Resp: 8980

Ion Ratio Lower Upper

75 100

110 1.2 31.2 46.8#

77 32.2 25.5 38.3

