

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056789.D
 Acq On : 12 Dec 2023 16:32
 Operator : MD/SY
 Sample : 05664-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y41

Quant Time: Dec 13 00:33:45 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)

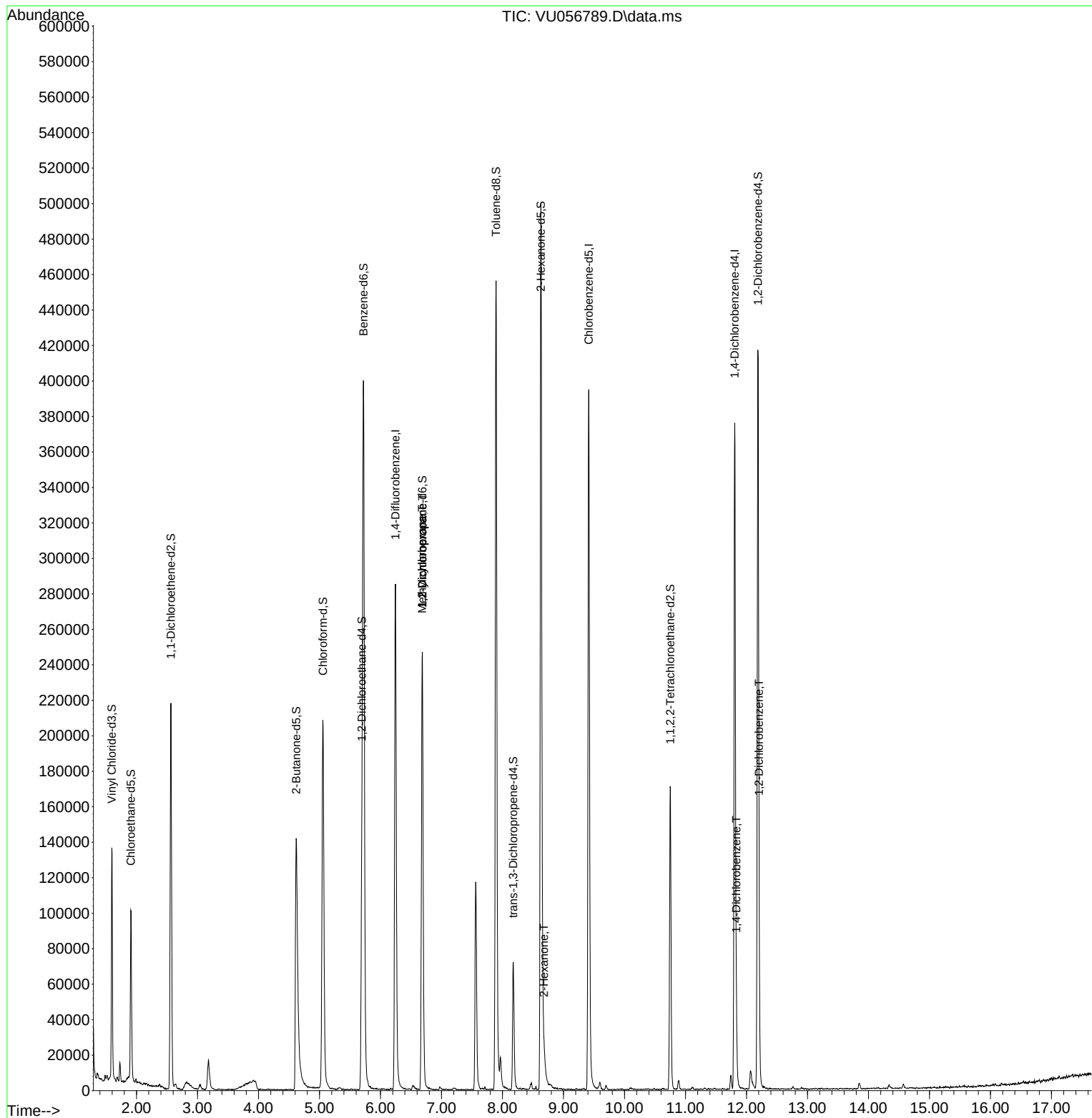
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	235022	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	230856	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	97966	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	93967	4.664	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.907	69	72694	4.822	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.563	65	42458	4.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.618	46	219477	55.167	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.340%
24) Chloroform-d	5.055	84	202013	5.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.695	65	99072	5.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.721	84	385848	5.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
36) 1,2-Dichloropropane-d6	6.685	67	122911	5.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.894	98	317034	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.174	79	44224	5.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.631	63	171046	52.179	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87171	5.376	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	107427	5.578	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
35) Methylcyclohexane	6.682	83	28793	0.877	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13409	0.646	ug/L #	88
48) 2-Hexanone	8.682	43	7507	1.070	ug/L #	77
65) 1,4-Dichlorobenzene	11.833	146	11452	0.318	ug/L	93
67) 1,2-Dichlorobenzene	12.206	146	9987	0.299	ug/L	99

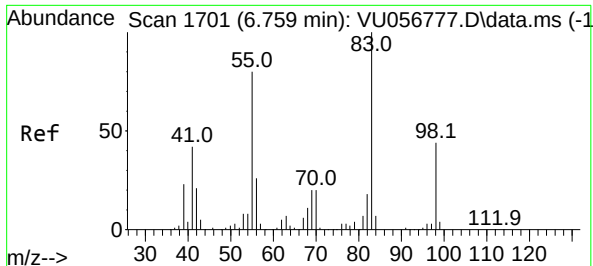
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 00:30:00 2023
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.877 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056789.D

Acq: 12 Dec 2023 16:32

Instrument :

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E0Y41

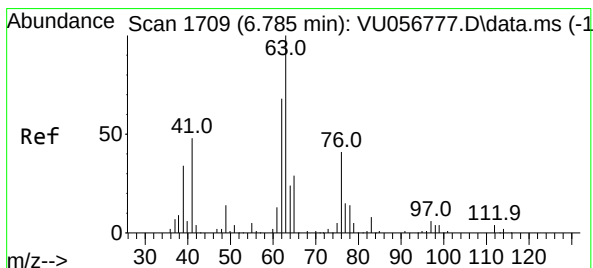
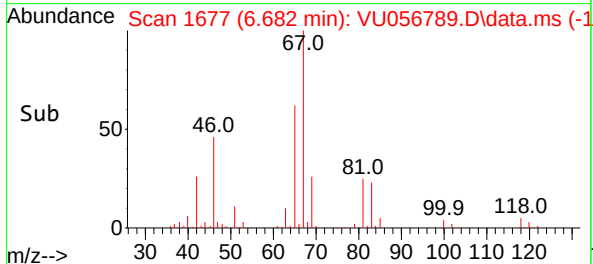
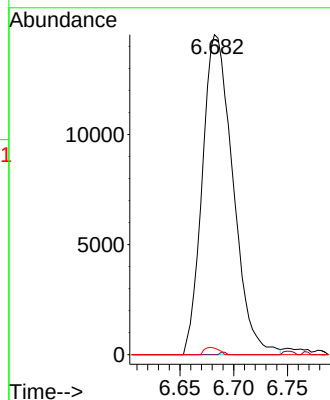
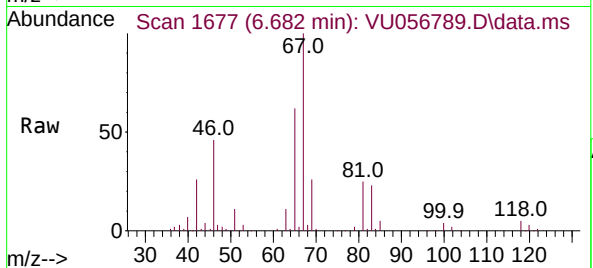
Tgt Ion: 83 Resp: 28793

Ion Ratio Lower Upper

83 100

55 0.1 64.6 97.0#

98 1.1 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.646 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU056789.D

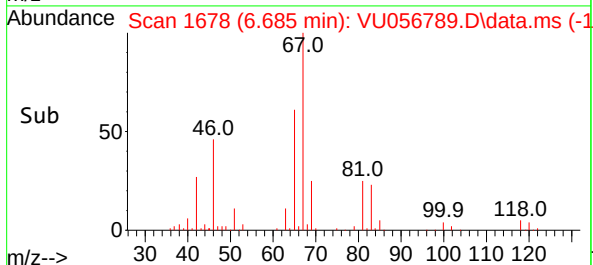
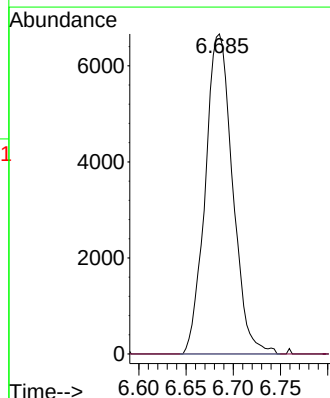
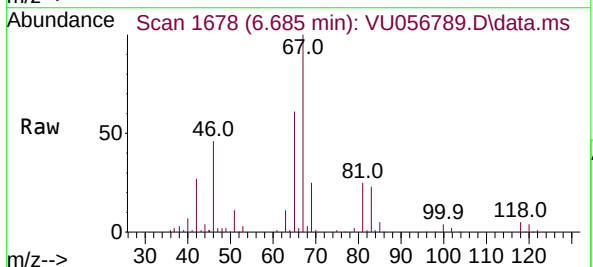
Acq: 12 Dec 2023 16:32

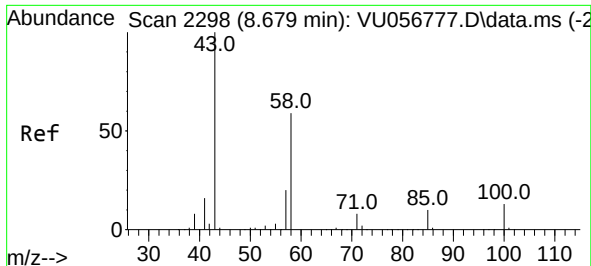
Tgt Ion: 63 Resp: 13409

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#48

2-Hexanone

Concen: 1.070 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.003 min

Lab File: VU056789.D

Acq: 12 Dec 2023 16:32

Instrument :

MSVOA_U

ClientSampleId :

E0Y41

Tgt Ion: 43 Resp: 7507

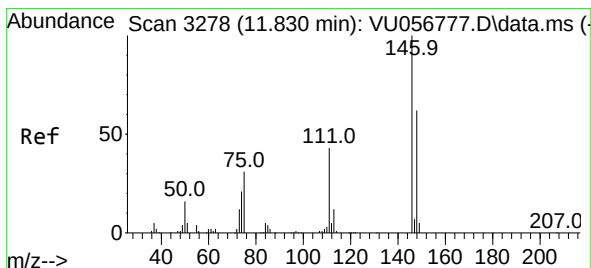
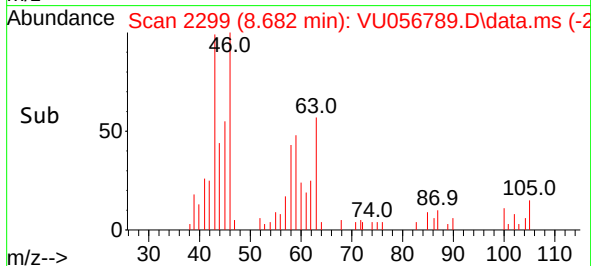
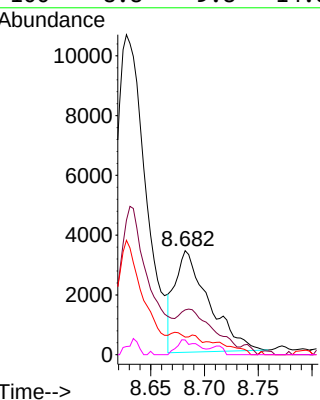
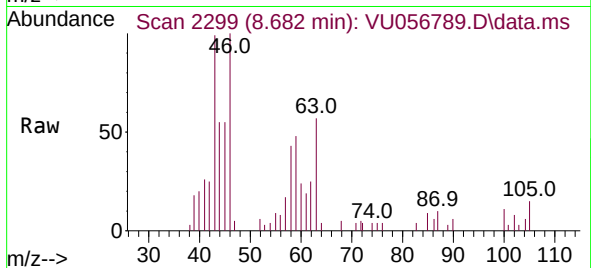
Ion Ratio Lower Upper

43 100

58 46.2 47.5 71.3#

57 0.0 17.0 25.4#

100 8.8 9.8 14.8#



#65

1,4-Dichlorobenzene

Concen: 0.318 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU056789.D

Acq: 12 Dec 2023 16:32

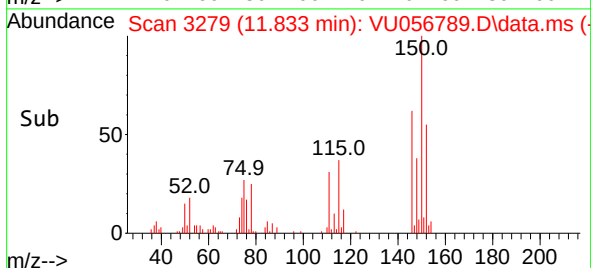
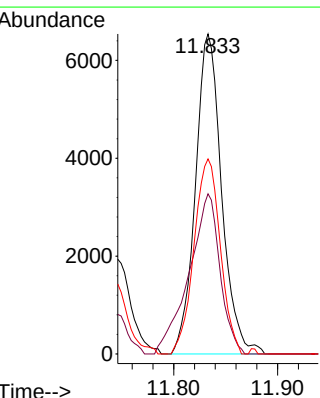
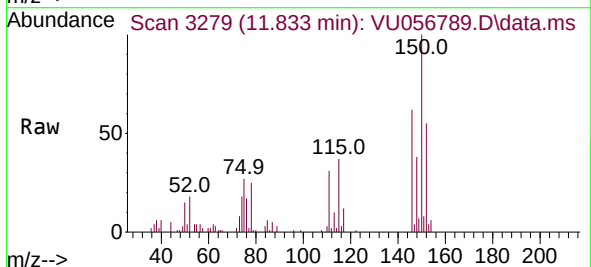
Tgt Ion:146 Resp: 11452

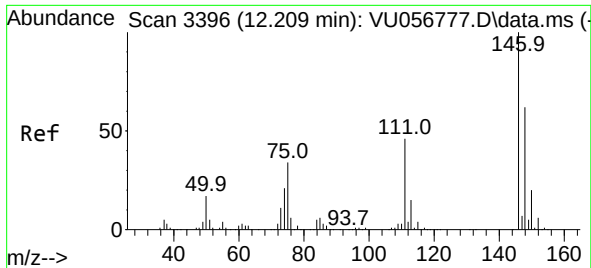
Ion Ratio Lower Upper

146 100

111 50.1 31.2 58.0

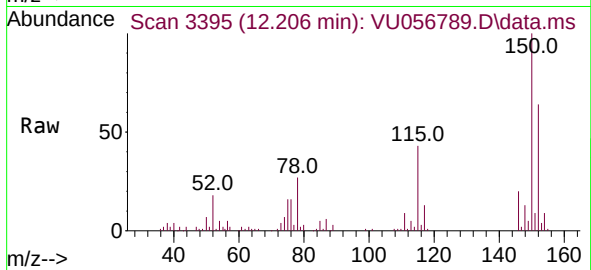
148 60.9 45.6 84.8





#67
 1,2-Dichlorobenzene
 Concen: 0.299 ug/L
 RT: 12.206 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU056789.D
 Acq: 12 Dec 2023 16:32

Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y41



Tgt Ion:146 Resp: 9987
 Ion Ratio Lower Upper
 146 100
 111 44.2 36.9 55.3
 148 65.9 53.0 79.4

