

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057307.D
 Acq On : 28 Dec 2023 03:07
 Operator : MD/SY
 Sample : 06020-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 03:51:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:43:53 2023
 Response via : Initial Calibration

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

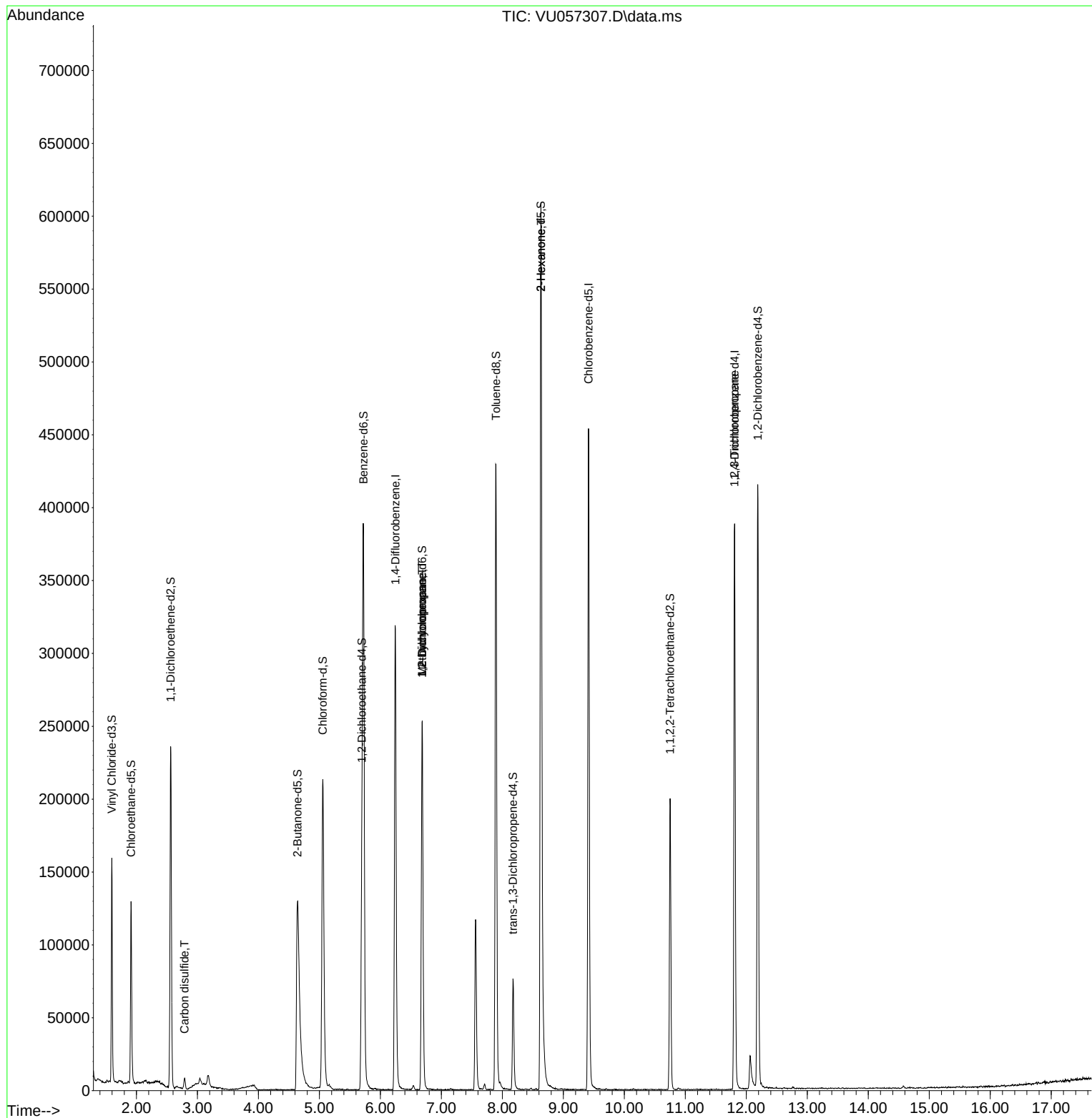
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	255592	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	254373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	108861	4.954	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.000%	
7) Chloroethane-d5	1.911	69	95301	5.400	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.000%	
11) 1,1-Dichloroethene-d2	2.560	65	45240	5.173	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	103.400%	
20) 2-Butanone-d5	4.641	46	280091	56.281	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.560%	
24) Chloroform-d	5.055	84	202494	5.182	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	5.695	65	107461	5.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.600%	
32) Benzene-d6	5.721	84	372734	5.140	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
36) 1,2-Dichloropropane-d6	6.682	67	123083	5.417	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.400%	
41) Toluene-d8	7.894	98	294484	4.708	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
43) trans-1,3-Dichloroprop...	8.174	79	46004	5.046	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.000%	
46) 2-Hexanone-d5	8.631	63	214211	51.876	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.760%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	102041	5.347	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	104744	5.553	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.000%	
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.789	76	10252	0.215	ug/L #	93
35) Methylcyclohexane	6.685	83	30180	1.183	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	13813	0.677	ug/L #	90
48) 2-Hexanone	8.634	43	28744	3.753	ug/L #	78
61) 1,2,3-Trichloropropane	11.804	75	13548	1.253	ug/L #	68

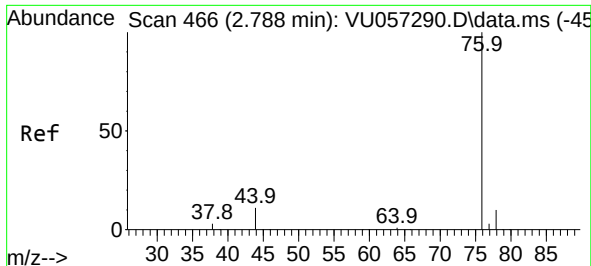
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 31 Sample Multiplier: 1

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MSVOA_U
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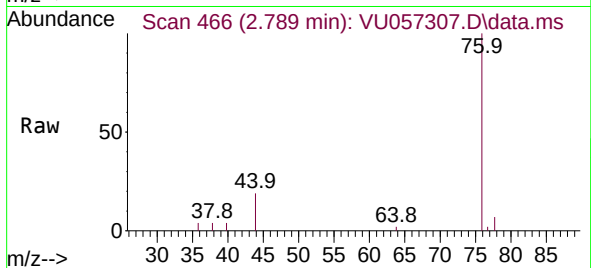
Quant Time: Dec 28 03:51:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
Quant Title : TRACE VOA SFAM1.0
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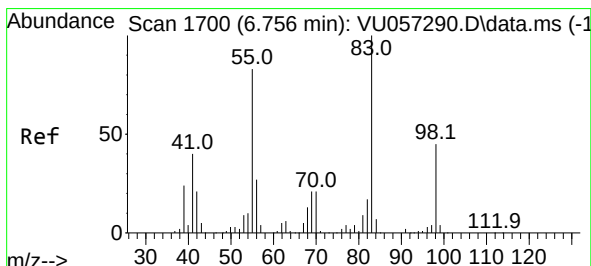
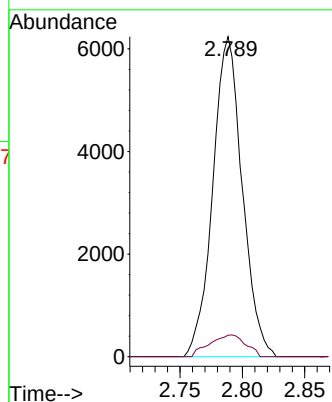
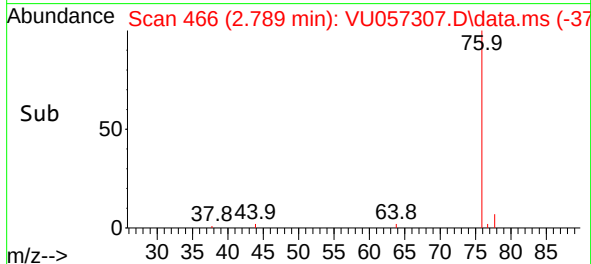


#14
Carbon disulfide
Concen: 0.215 ug/L
RT: 2.789 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU057307.D
Acq: 28 Dec 2023 03:07

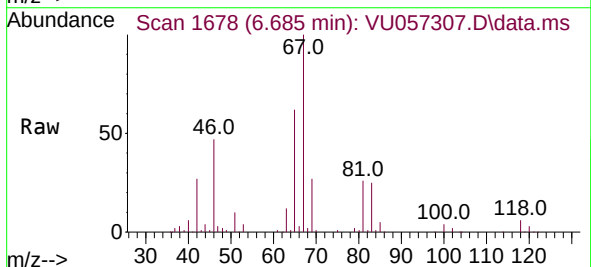
Instrument :
MSVOA_U
ClientSampleId :



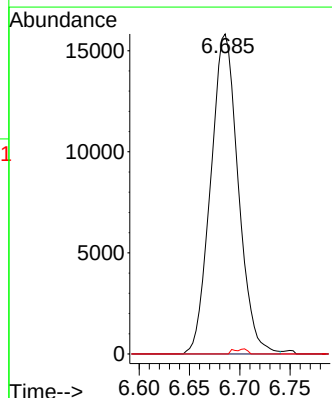
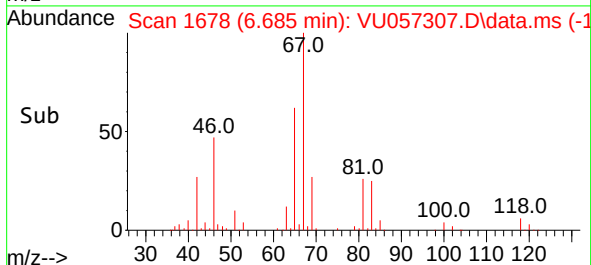
Tgt Ion: 76 Resp: 10252
Ion Ratio Lower Upper
76 100
78 6.7 7.3 10.9#

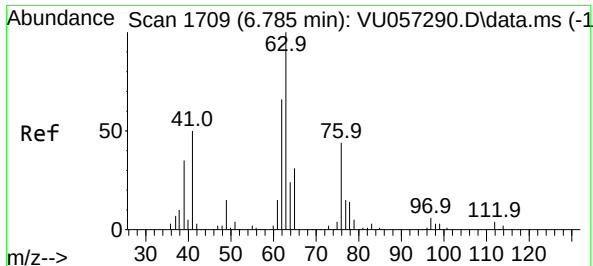


#35
Methylcyclohexane
Concen: 1.183 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057307.D
Acq: 28 Dec 2023 03:07



Tgt Ion: 83 Resp: 30180
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.2#
98 0.8 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.677 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057307.D

Acq: 28 Dec 2023 03:07

Instrument :

MSVOA_U

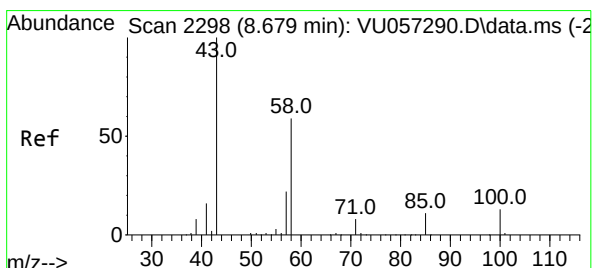
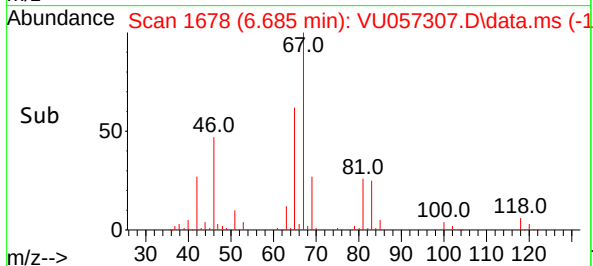
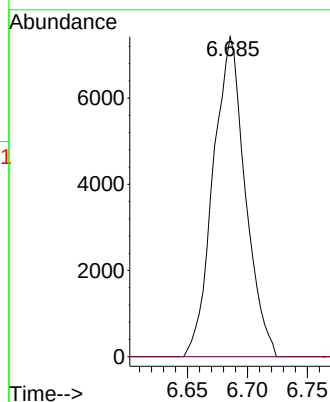
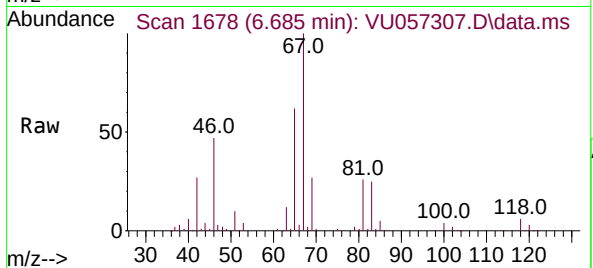
ClientSampleId :

Tgt Ion: 63 Resp: 13813

Ion Ratio Lower Upper

63 100

112 0.2 2.9 4.3#



#48

2-Hexanone

Concen: 3.753 ug/L

RT: 8.634 min Scan# 2284

Delta R.T. -0.045 min

Lab File: VU057307.D

Acq: 28 Dec 2023 03:07

Tgt Ion: 43 Resp: 28744

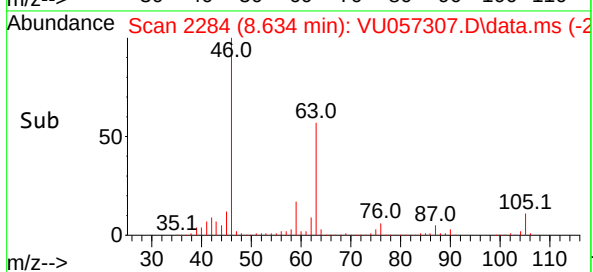
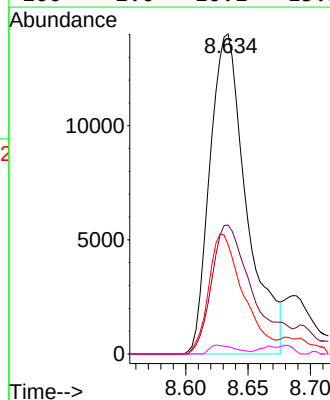
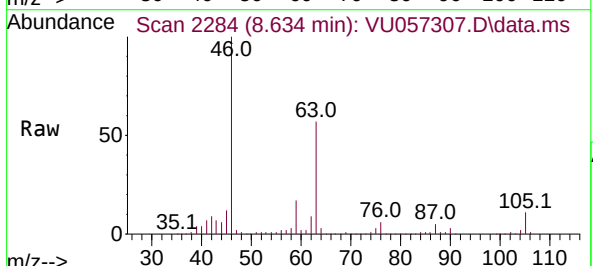
Ion Ratio Lower Upper

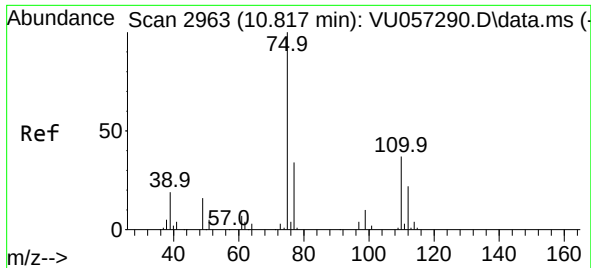
43 100

58 46.1 48.4 72.6#

57 35.5 17.4 26.2#

100 2.0 10.1 15.1#





#61

1,2,3-Trichloropropane

Concen: 1.253 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

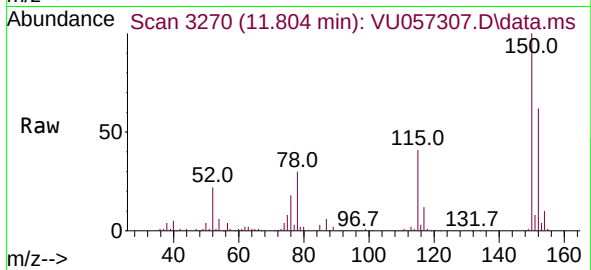
Lab File: VU057307.D

Acq: 28 Dec 2023 03:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	13548
Ion	Ratio	Lower	Upper
75	100		
110	1.4	29.0	43.6#
77	32.8	25.4	38.2

