

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU056005.D
 Acq On : 30 Oct 2023 18:25
 Operator : MD/SY
 Sample : 05113-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B56

Quant Time: Oct 31 05:33:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

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

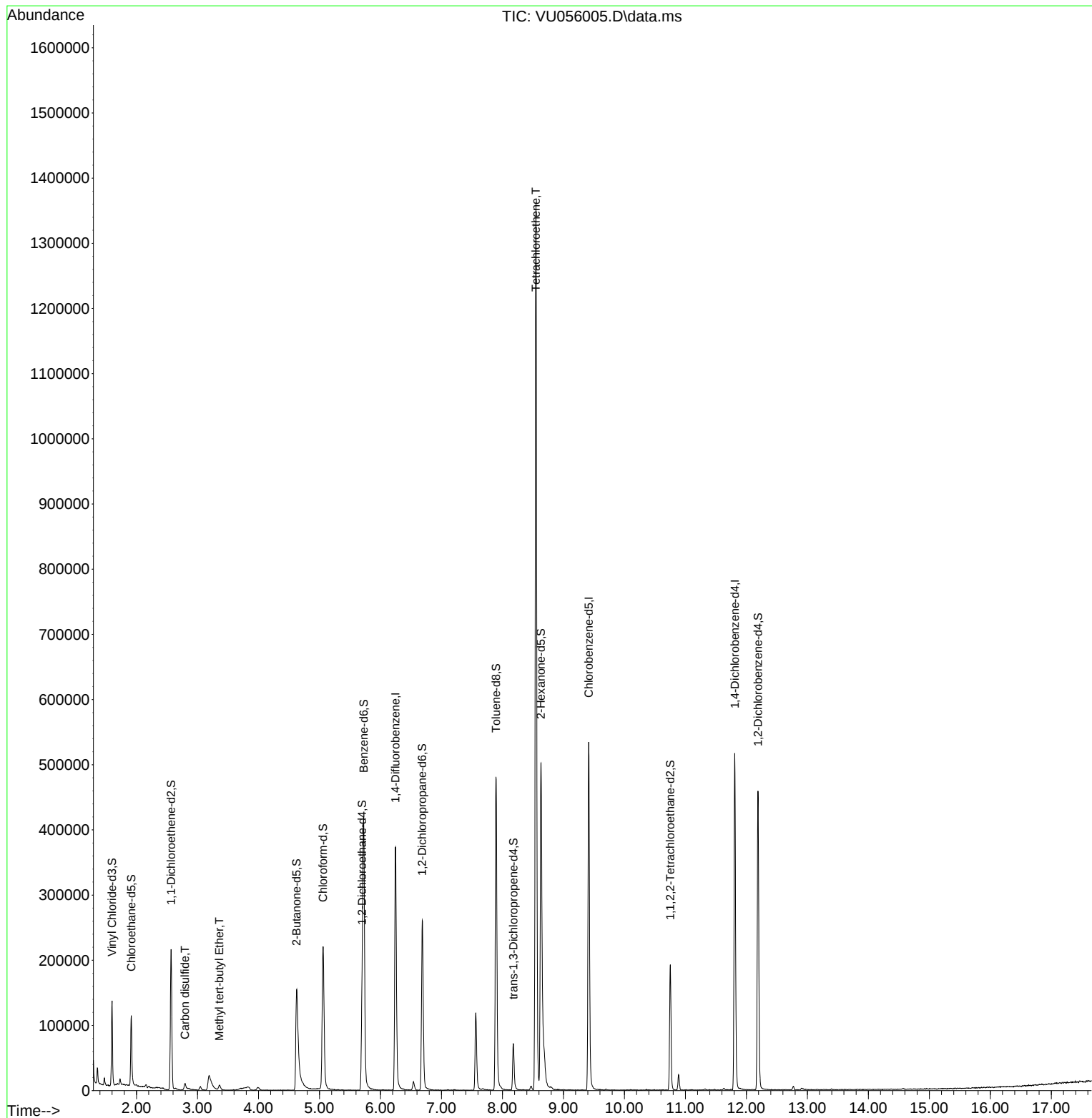
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	319516	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	322898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	148461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	89401	3.537	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.800%	
7) Chloroethane-d5	1.914	69	84221	4.275	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.400%	
11) 1,1-Dichloroethene-d2	2.567	65	40431	3.768	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	4.624	46	227653	50.488	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.980%	
24) Chloroform-d	5.058	84	218054	4.656	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.698	65	102215	4.480	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
32) Benzene-d6	5.724	84	423244	4.400	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.685	67	132360	4.642	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.894	98	352413	4.039	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	8.180	79	44929	4.029	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.600%	
46) 2-Hexanone-d5	8.631	63	183591	64.853	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	129.700%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	100269	4.829	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	131396	4.744	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						
14) Carbon disulfide	2.795	76	10723	0.270	ug/L #	89
17) Methyl tert-butyl Ether	3.357	73	8126	0.216	ug/L #	88
47) Tetrachloroethene	8.550	164	308720	22.116	ug/L	97

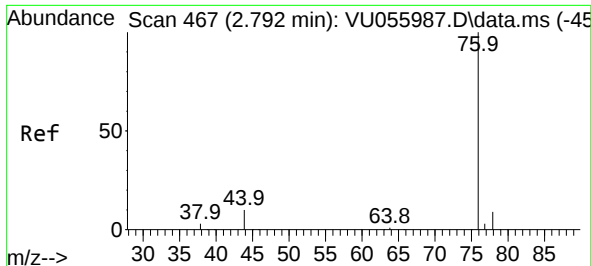
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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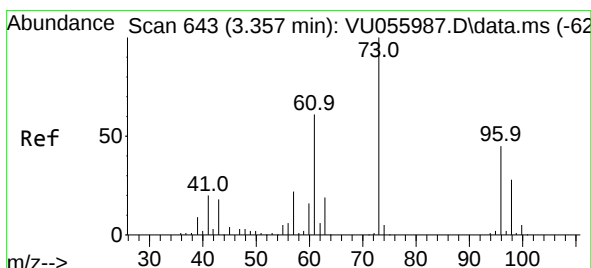
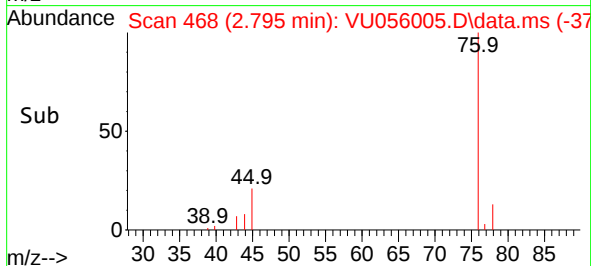
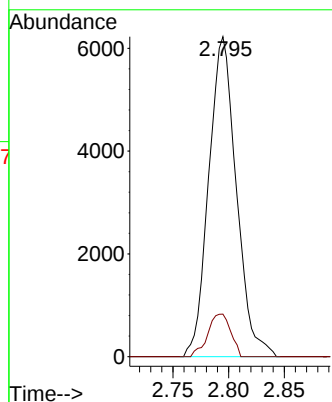
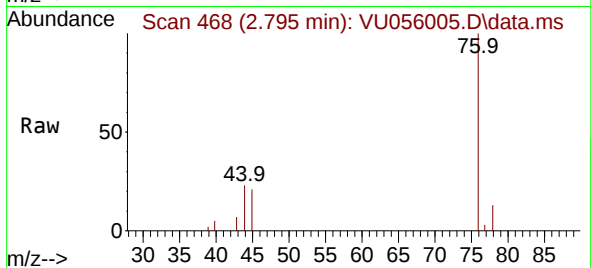




#14
Carbon disulfide
Concen: 0.270 ug/L
RT: 2.795 min Scan# 468
Delta R.T. 0.003 min
Lab File: VU056005.D
Acq: 30 Oct 2023 18:25

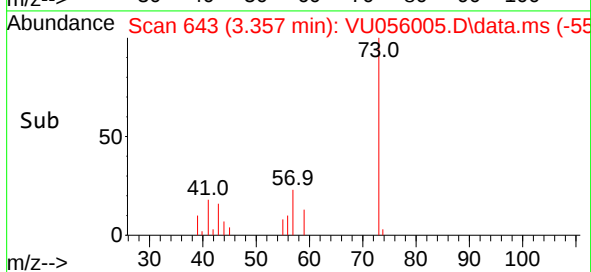
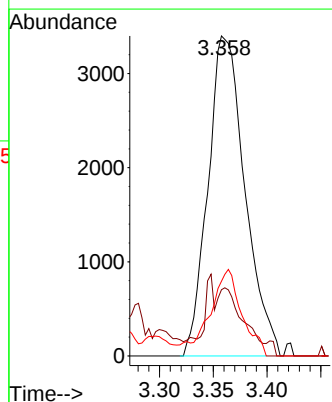
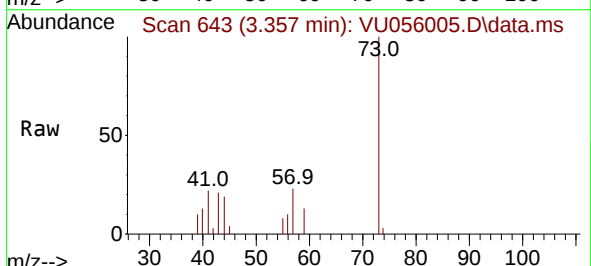
Instrument :
MSVOA_U
ClientSampleId :
C0B56

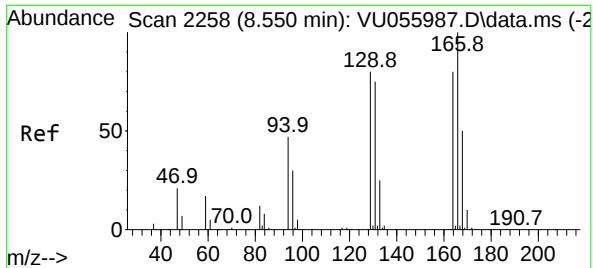
Tgt Ion: 76 Resp: 10723
Ion Ratio Lower Upper
76 100
78 13.3 7.5 11.3#



#17
Methyl tert-butyl Ether
Concen: 0.216 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU056005.D
Acq: 30 Oct 2023 18:25

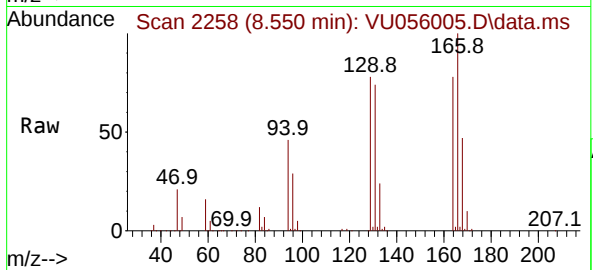
Tgt Ion: 73 Resp: 8126
Ion Ratio Lower Upper
73 100
43 9.4 14.4 21.6#
57 23.9 17.0 25.4





#47
 Tetrachloroethene
 Concen: 22.116 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU056005.D
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Tgt Ion:164 Resp: 308720

Ion	Ratio	Lower	Upper
164	100		
129	100.1	72.2	134.0
131	95.9	70.8	131.6
166	128.9	89.0	165.2

