

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056852.D
 Acq On : 14 Dec 2023 21:57
 Operator : MD/SY
 Sample : VU1214WBL03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 01:54:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

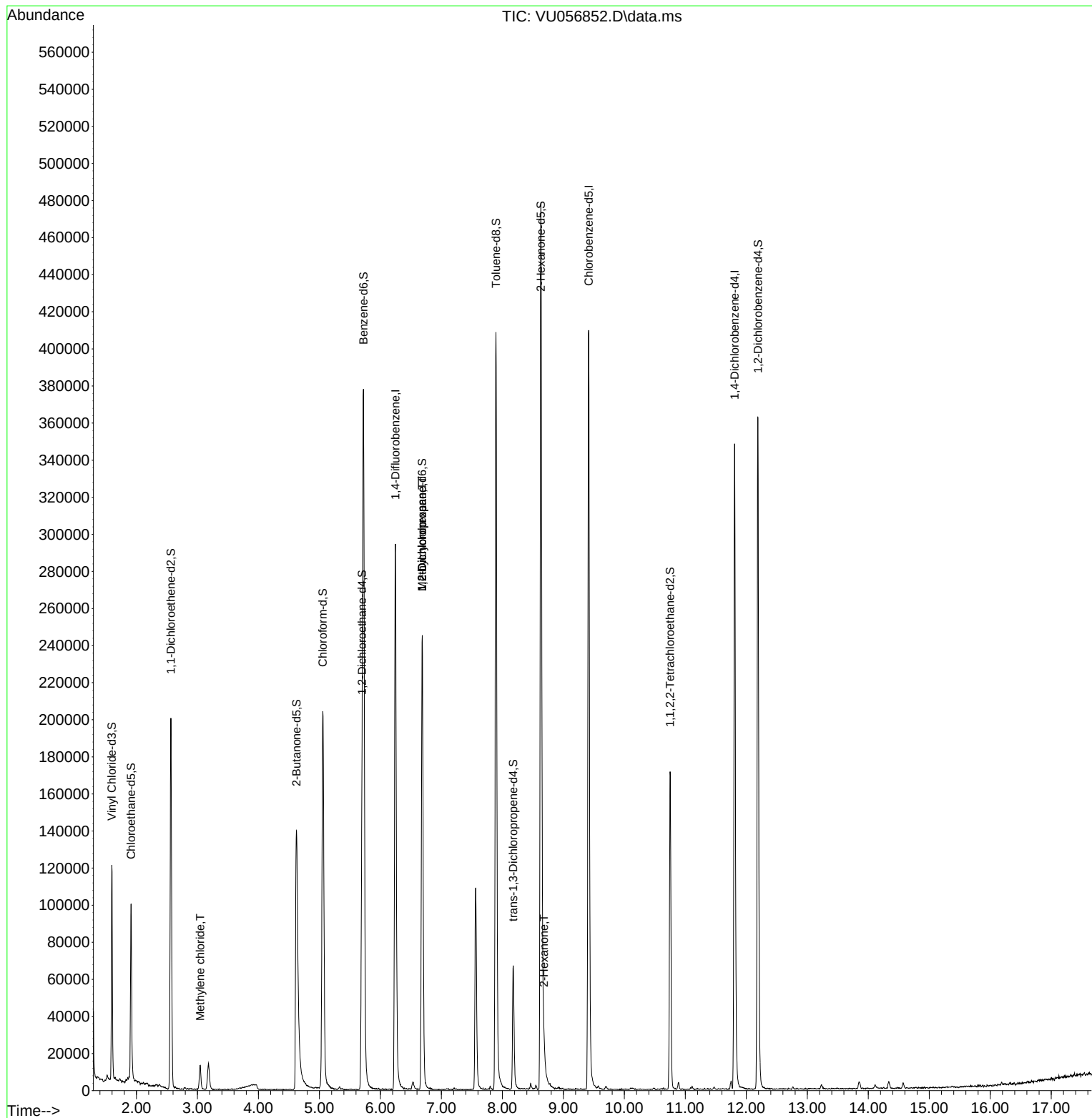
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	242055	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	244466	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	82282	3.966	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.911	69	70562	4.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.563	65	38275	4.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.624	46	227277	55.468	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.940%
24) Chloroform-d	5.055	84	197699	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.698	65	95401	5.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.721	84	364175	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.685	67	119696	5.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.894	98	283564	4.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.177	79	42907	4.662	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.631	63	163148	46.999	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	87065	5.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	97414	5.273	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	6556	0.306	ug/L	98
35) Methylcyclohexane	6.685	83	28185	0.810	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12820	0.583	ug/L #	88
48) 2-Hexanone	8.682	43	6421	0.864	ug/L #	76

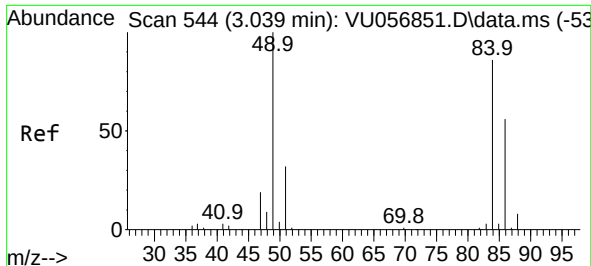
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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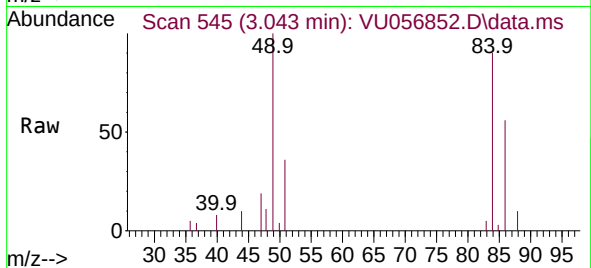
Quant Time: Dec 15 01:54:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
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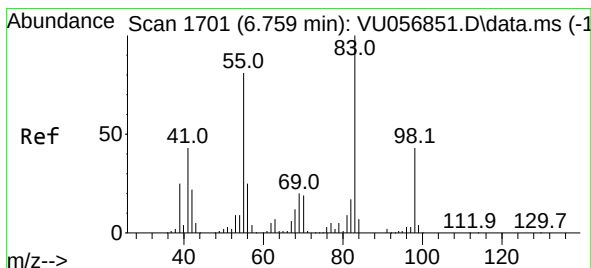
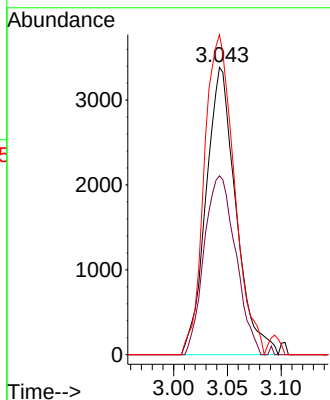
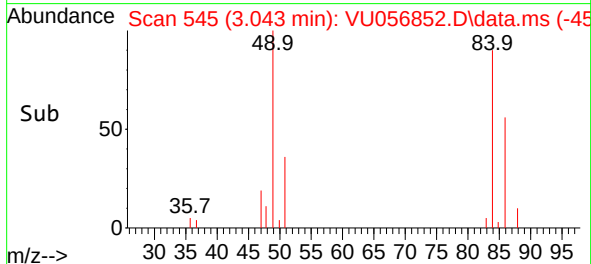


#16
Methylene chloride
Concen: 0.306 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056852.D
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Instrument :
MSVOA_U
ClientSampleId :

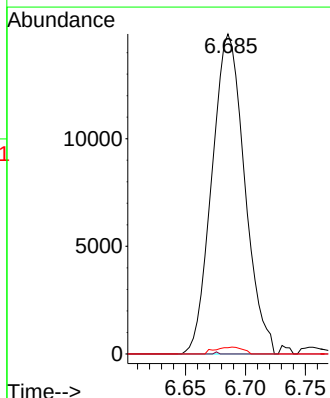
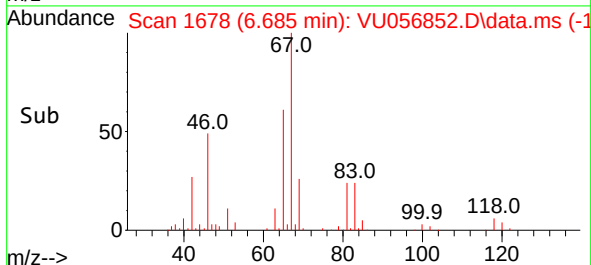
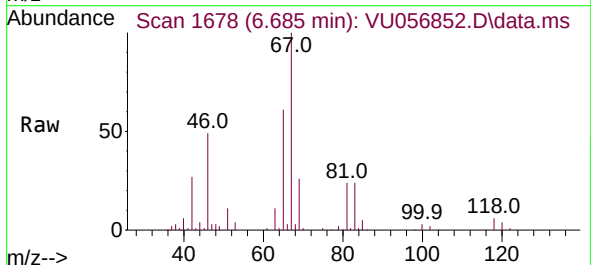


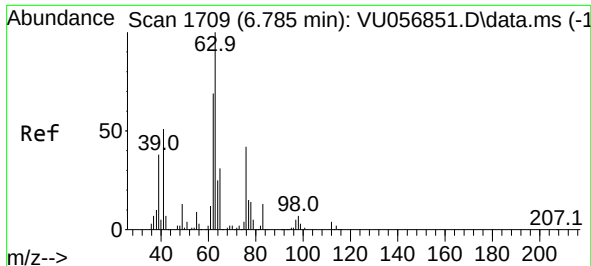
Tgt Ion: 84 Resp: 6556
Ion Ratio Lower Upper
84 100
86 62.2 43.6 81.0
49 111.3 80.6 149.6



#35
Methylcyclohexane
Concen: 0.810 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056852.D
Acq: 14 Dec 2023 21:57

Tgt Ion: 83 Resp: 28185
Ion Ratio Lower Upper
83 100
55 0.1 64.6 97.0#
98 1.8 36.1 54.1#

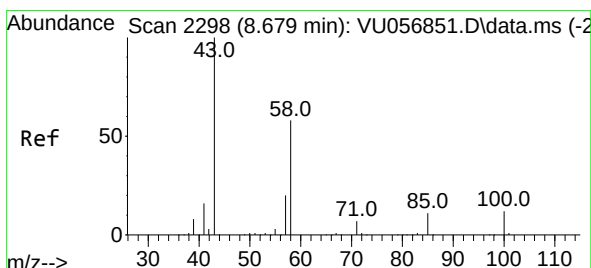
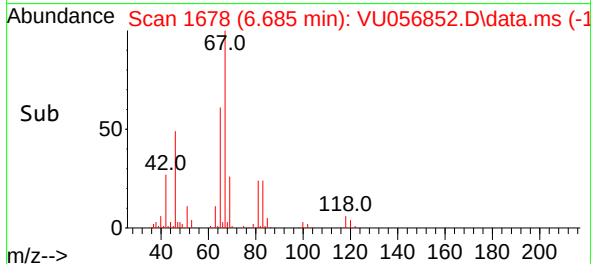
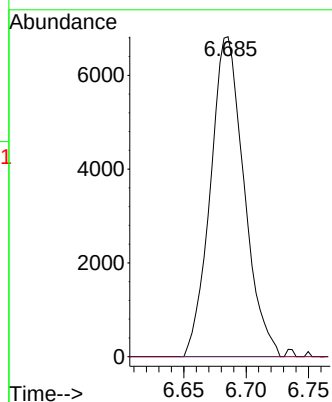
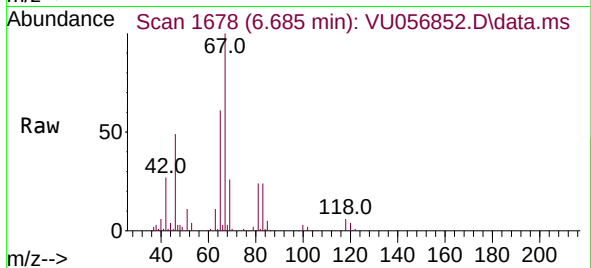




#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056852.D
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Tgt Ion: 63 Resp: 12820
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#48
2-Hexanone
Concen: 0.864 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056852.D
Acq: 14 Dec 2023 21:57

Tgt Ion: 43 Resp: 6421
Ion Ratio Lower Upper
43 100
58 73.6 47.5 71.3#
57 0.0 17.0 25.4#
100 7.1 9.8 14.8#

