

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057096.D
 Acq On : 20 Dec 2023 16:53
 Operator : MD/SY
 Sample : 05866-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 23:46:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

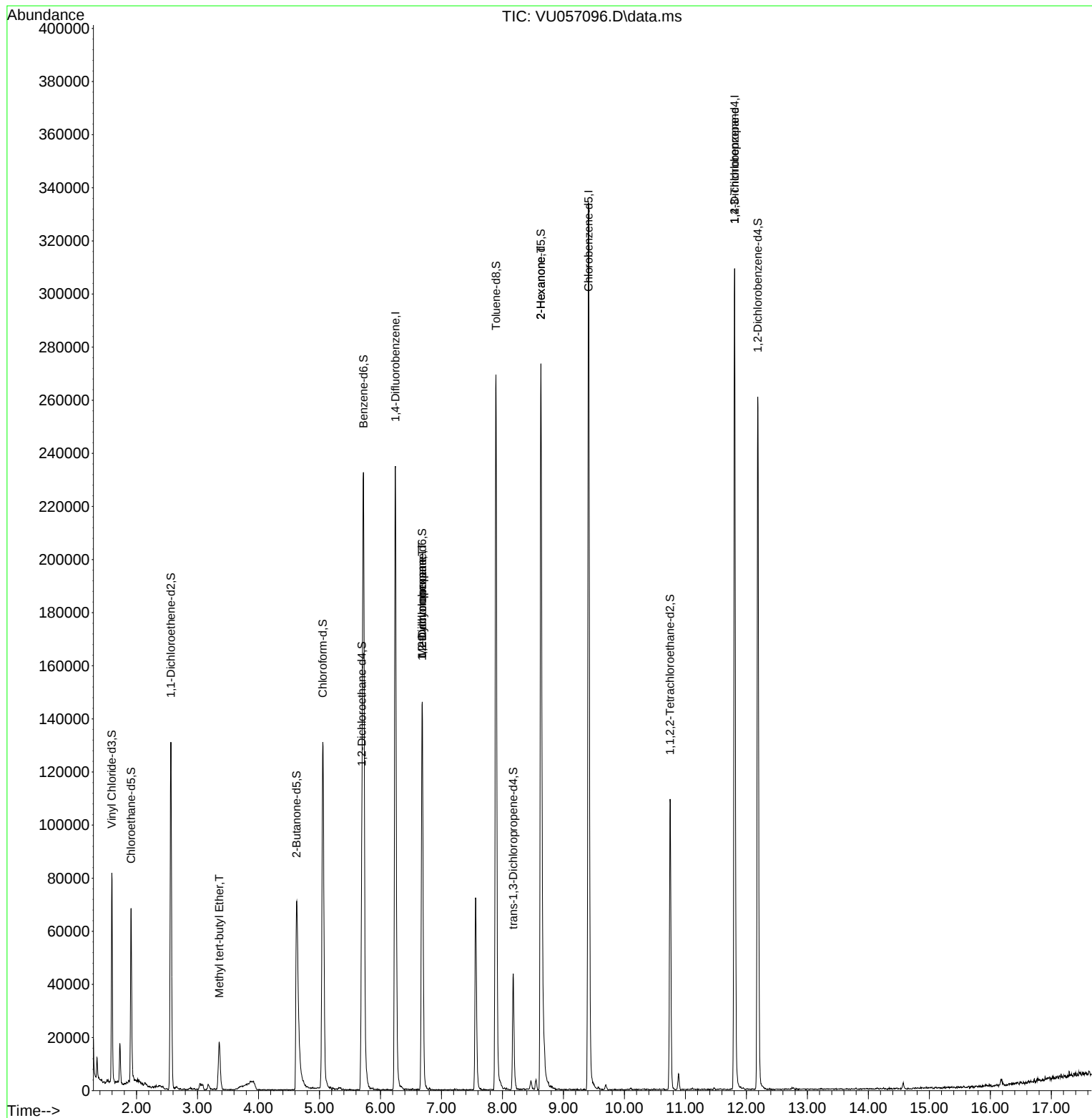
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	186773	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	193081	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	85478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55243	3.451	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.911	69	48451	4.044	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.563	65	25755	3.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.624	46	123046	38.918	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.840%
24) Chloroform-d	5.055	84	128156	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.695	65	64877	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.721	84	221047	3.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.682	67	70072	3.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.800%
41) Toluene-d8	7.894	98	189775	3.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.177	79	28238	3.885	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.631	63	94977	34.642	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53697	3.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	68889	4.100	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
17) Methyl tert-butyl Ether	3.357	73	19700	0.586	ug/L	98
35) Methylcyclohexane	6.685	83	17521	0.638	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	7983	0.460	ug/L #	88
48) 2-Hexanone	8.631	43	12917	2.200	ug/L #	78
61) 1,2,3-Trichloropropane	11.807	75	9799	1.068	ug/L #	67

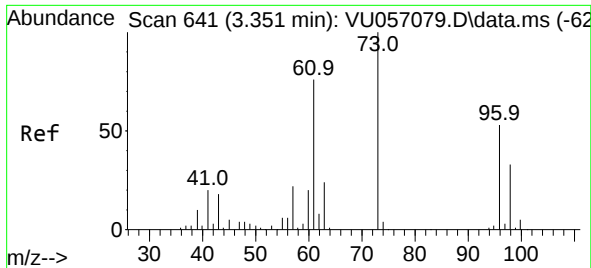
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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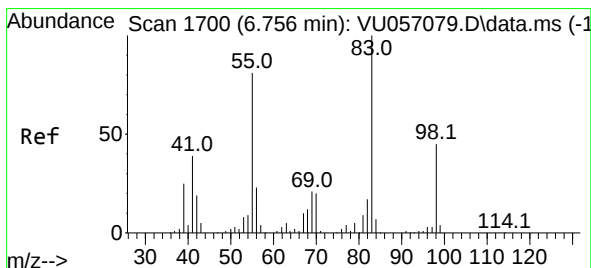
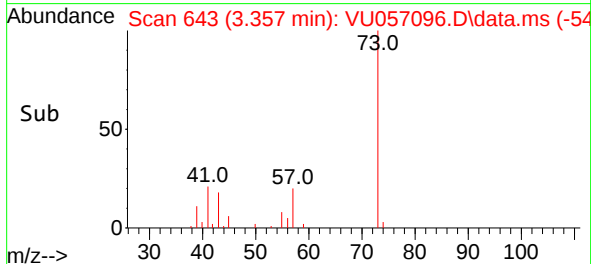
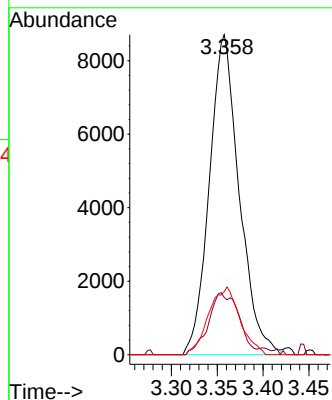
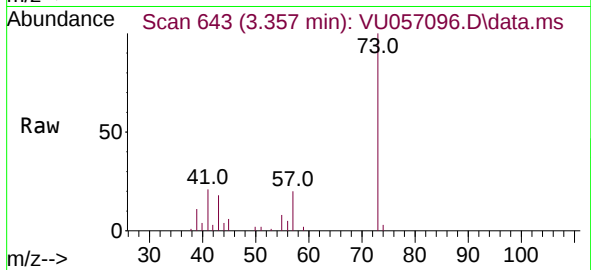




#17
Methyl tert-butyl Ether
Concen: 0.586 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.007 min
Lab File: VU057096.D
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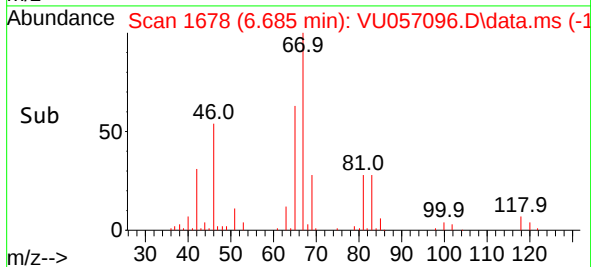
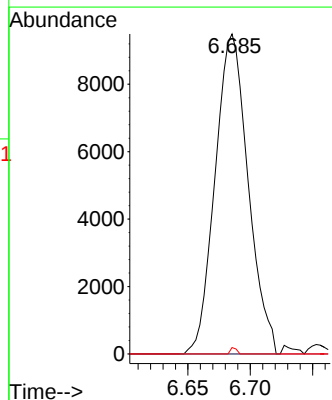
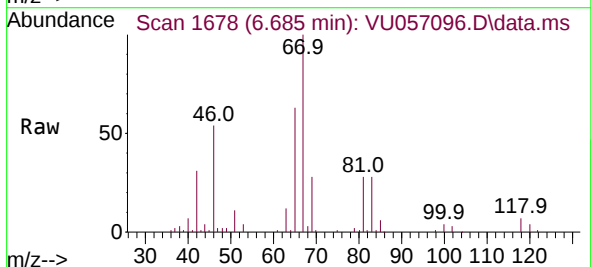
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MSVOA_U
ClientSampleId :

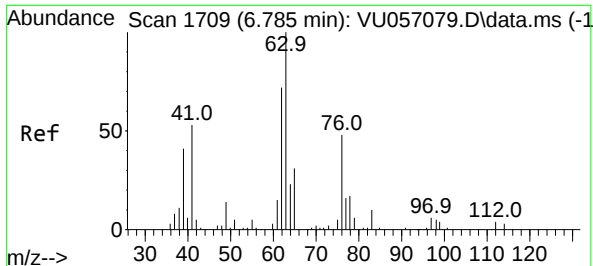
Tgt Ion: 73 Resp: 19700
Ion Ratio Lower Upper
73 100
43 19.8 14.4 21.6
57 22.1 17.8 26.8



#35
Methylcyclohexane
Concen: 0.638 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057096.D
Acq: 20 Dec 2023 16:53

Tgt Ion: 83 Resp: 17521
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.4 36.1 54.1#

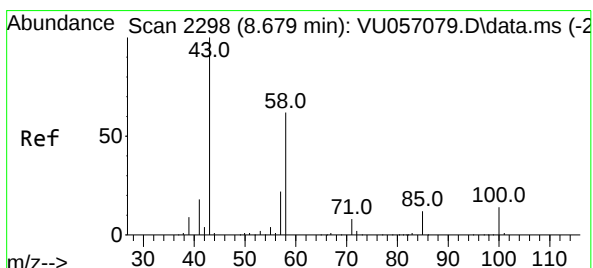
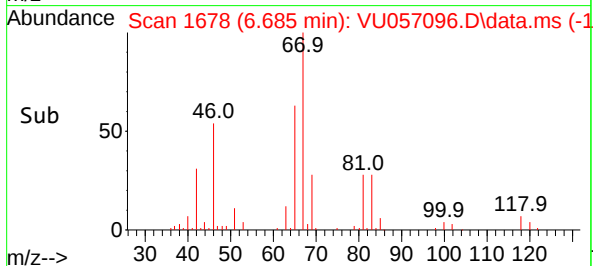
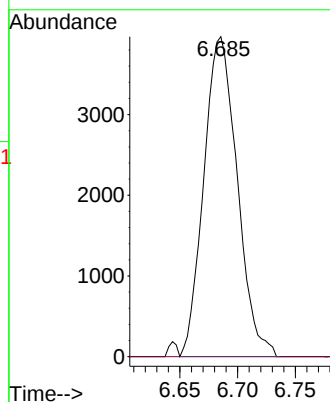
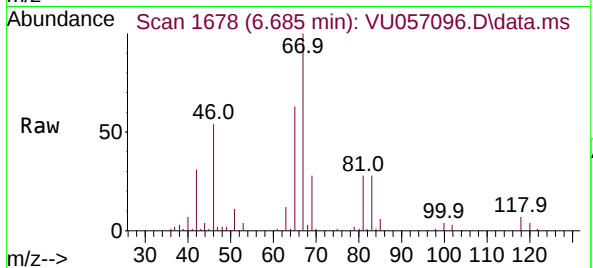




#37
1,2-Dichloropropane
Concen: 0.460 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057096.D
Acq: 20 Dec 2023 16:53

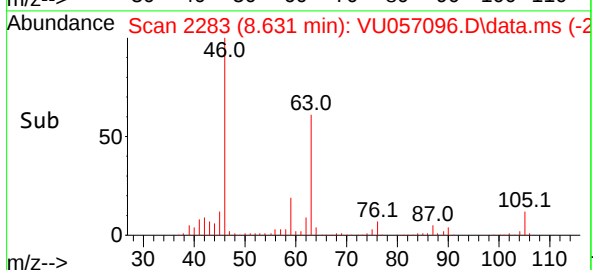
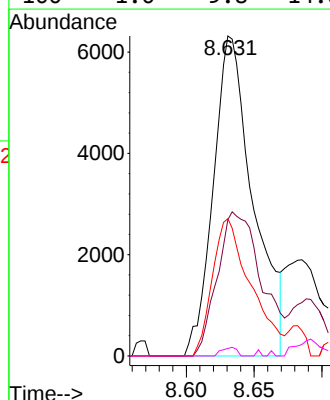
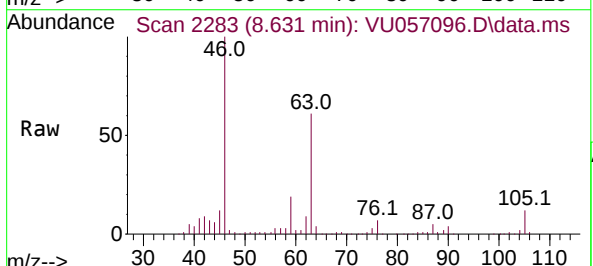
Instrument :
MSVOA_U
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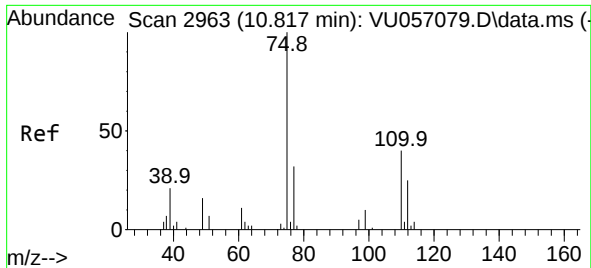
Tgt Ion: 63 Resp: 7983
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#48
2-Hexanone
Concen: 2.200 ug/L
RT: 8.631 min Scan# 2283
Delta R.T. -0.048 min
Lab File: VU057096.D
Acq: 20 Dec 2023 16:53

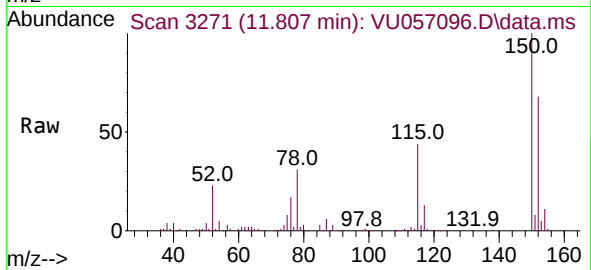
Tgt Ion: 43 Resp: 12917
Ion Ratio Lower Upper
43 100
58 50.2 47.5 71.3
57 41.7 17.0 25.4#
100 1.0 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.068 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057096.D
 Acq: 20 Dec 2023 16:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9799
 Ion Ratio Lower Upper
 75 100
 110 1.0 28.4 42.6#
 77 35.5 26.3 39.5

