

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056805.D
 Acq On : 13 Dec 2023 00:11
 Operator : MD/SY
 Sample : 05675-07DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB0DL

Quant Time: Dec 13 04:59:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

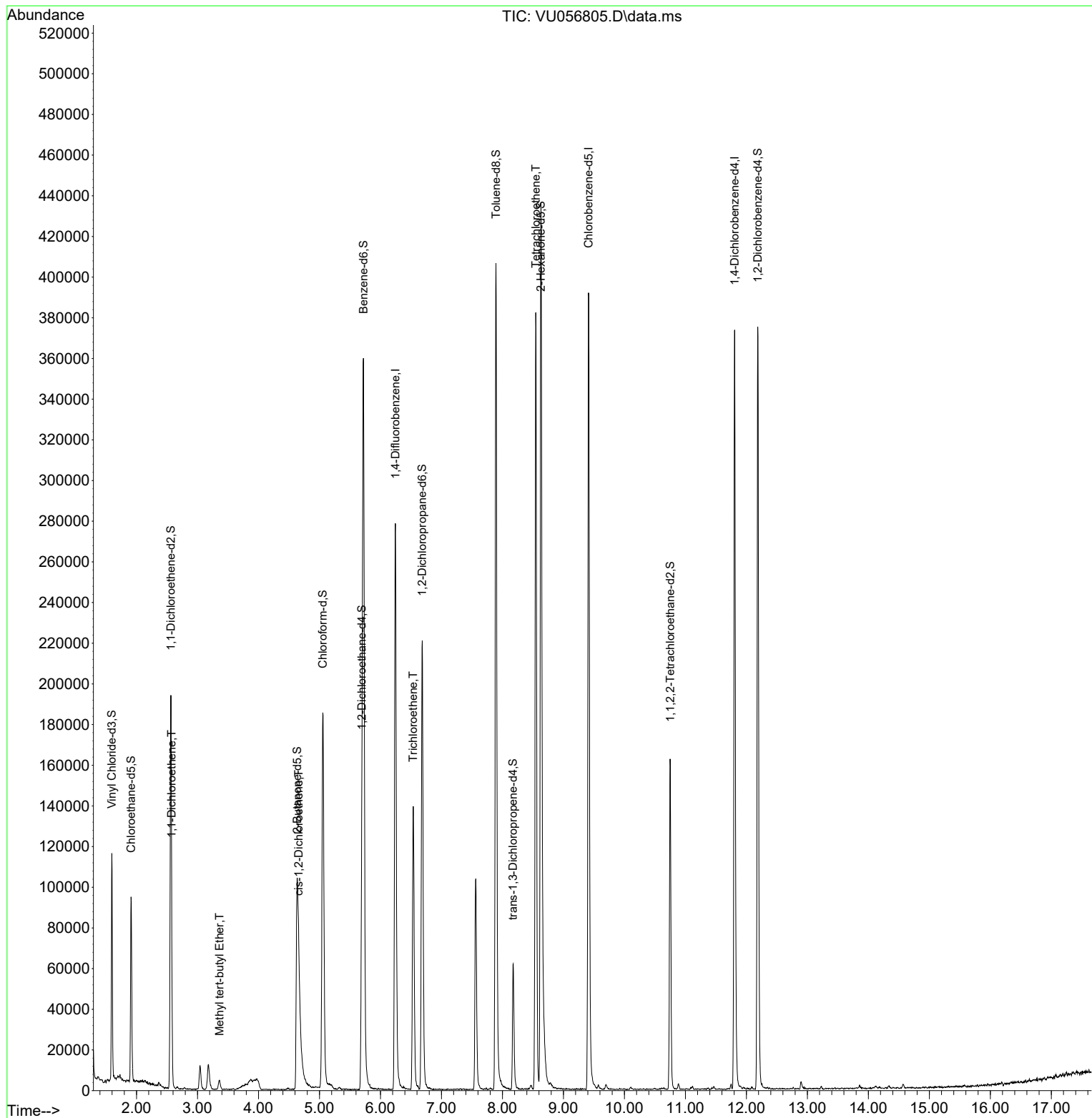
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	230800	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	230634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	77645	3.925	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.911	69	71744	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.563	65	36576	4.321	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.634	46	209398	53.597	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.200%
24) Chloroform-d	5.055	84	178529	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	89508	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.721	84	346277	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.685	67	109833	4.905	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.894	98	286621	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.174	79	37849	4.359	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.631	63	160167	48.907	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	81461	5.028	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	99130	5.079	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	5935	0.317	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	5303	0.128	ug/L #	70
22) cis-1,2-Dichloroethene	4.660	96	4439	0.215	ug/L	92
34) Trichloroethene	6.537	95	51506	2.317	ug/L	93
47) Tetrachloroethene	8.547	164	83316	5.354	ug/L	97

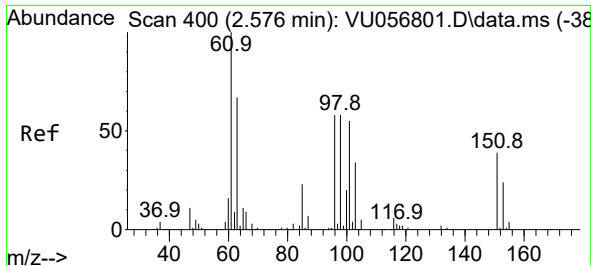
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.317 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU056805.D

Acq: 13 Dec 2023 00:11

Instrument :

MSVOA_U

ClientSampleId :

H0AB0DL

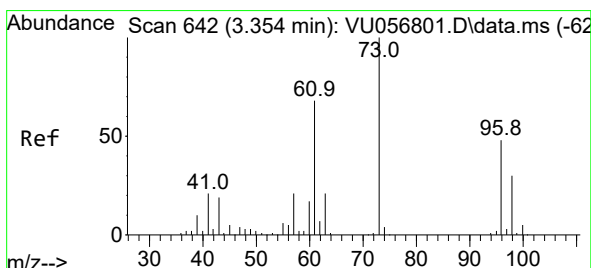
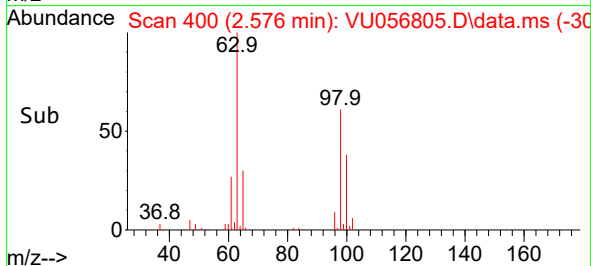
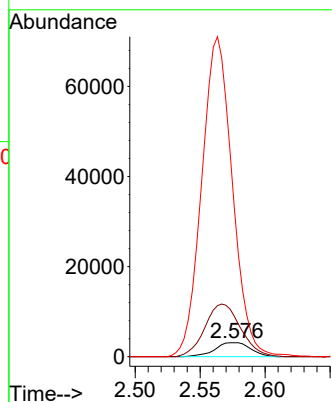
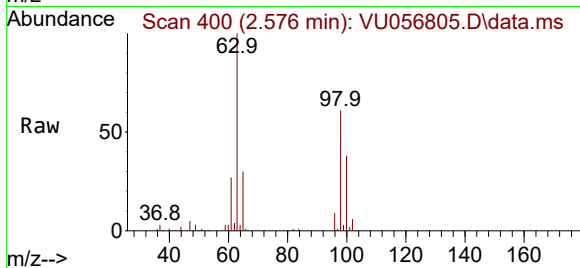
Tgt Ion: 96 Resp: 5935

Ion Ratio Lower Upper

96 100

61 289.5 119.0 221.0#

63 1069.1 88.7 164.7#



#17

Methyl tert-butyl Ether

Concen: 0.128 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.006 min

Lab File: VU056805.D

Acq: 13 Dec 2023 00:11

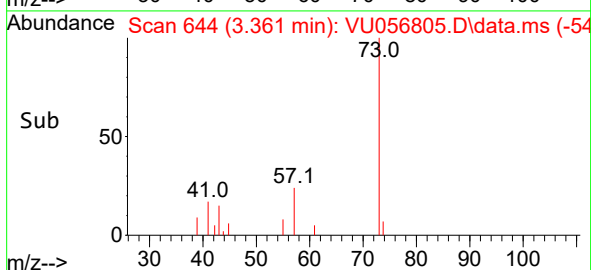
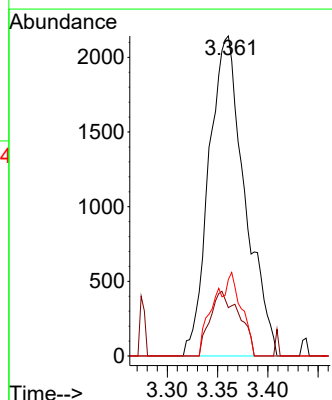
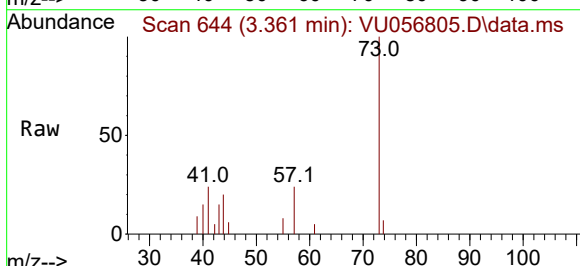
Tgt Ion: 73 Resp: 5303

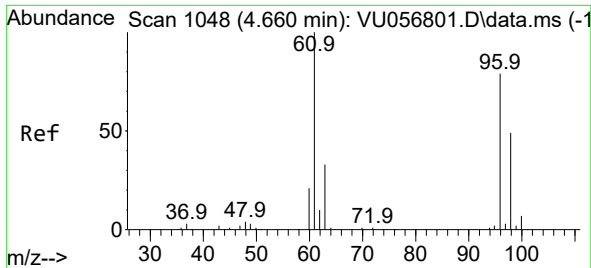
Ion Ratio Lower Upper

73 100

43 0.7 14.4 21.6#

57 11.8 17.8 26.8#

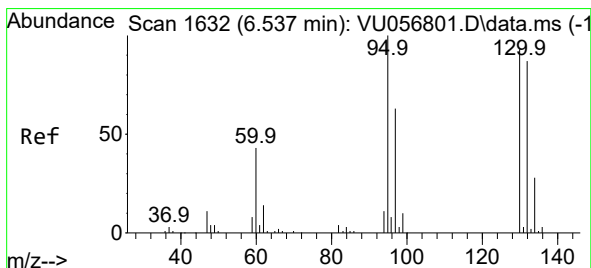
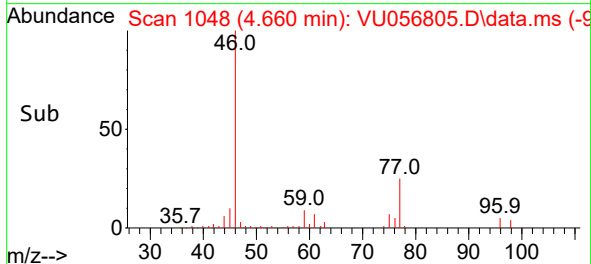
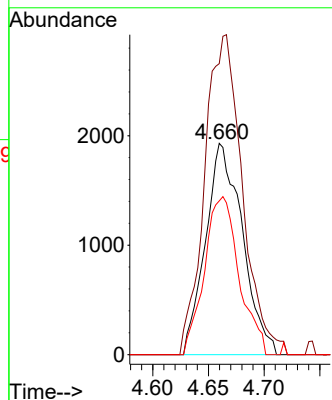
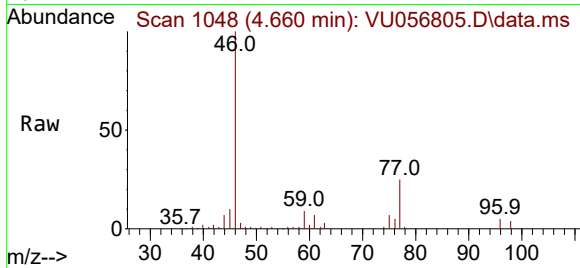




#22
 cis-1,2-Dichloroethene
 Concen: 0.215 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056805.D
 Acq: 13 Dec 2023 00:11

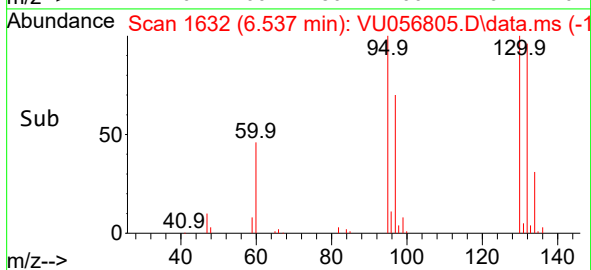
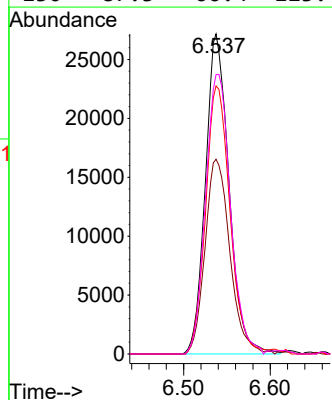
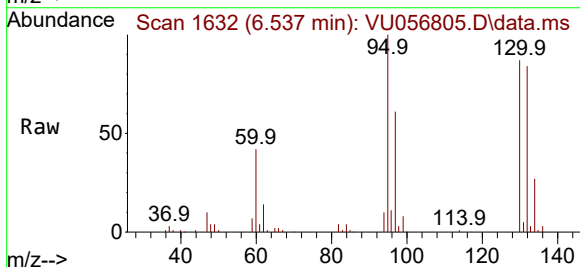
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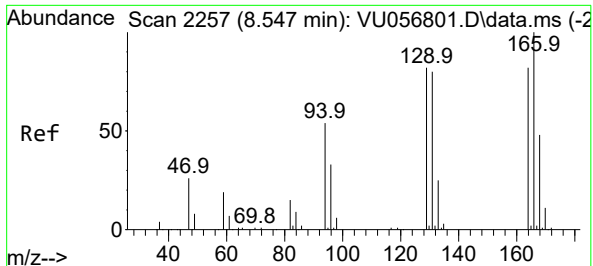
Tgt Ion: 96 Resp: 4439
 Ion Ratio Lower Upper
 96 100
 61 137.7 91.3 169.6
 98 72.8 44.2 82.0



#34
 Trichloroethene
 Concen: 2.317 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU056805.D
 Acq: 13 Dec 2023 00:11

Tgt Ion: 95 Resp: 51506
 Ion Ratio Lower Upper
 95 100
 97 60.8 46.1 85.5
 132 83.7 63.6 118.0
 130 87.3 66.4 123.4





#47
 Tetrachloroethene
 Concen: 5.354 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU056805.D
 Acq: 13 Dec 2023 00:11

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB0DL

Tgt Ion:164	Resp:	83316
Ion	Ratio	Lower Upper
164	100	
129	100.6	73.4 136.4
131	103.0	71.5 132.9
166	129.5	92.7 172.1

