

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058827.D
 Acq On : 06 May 2024 12:14
 Operator : MD/SY
 Sample : P2392-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAP9

Quant Time: May 07 01:09:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

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

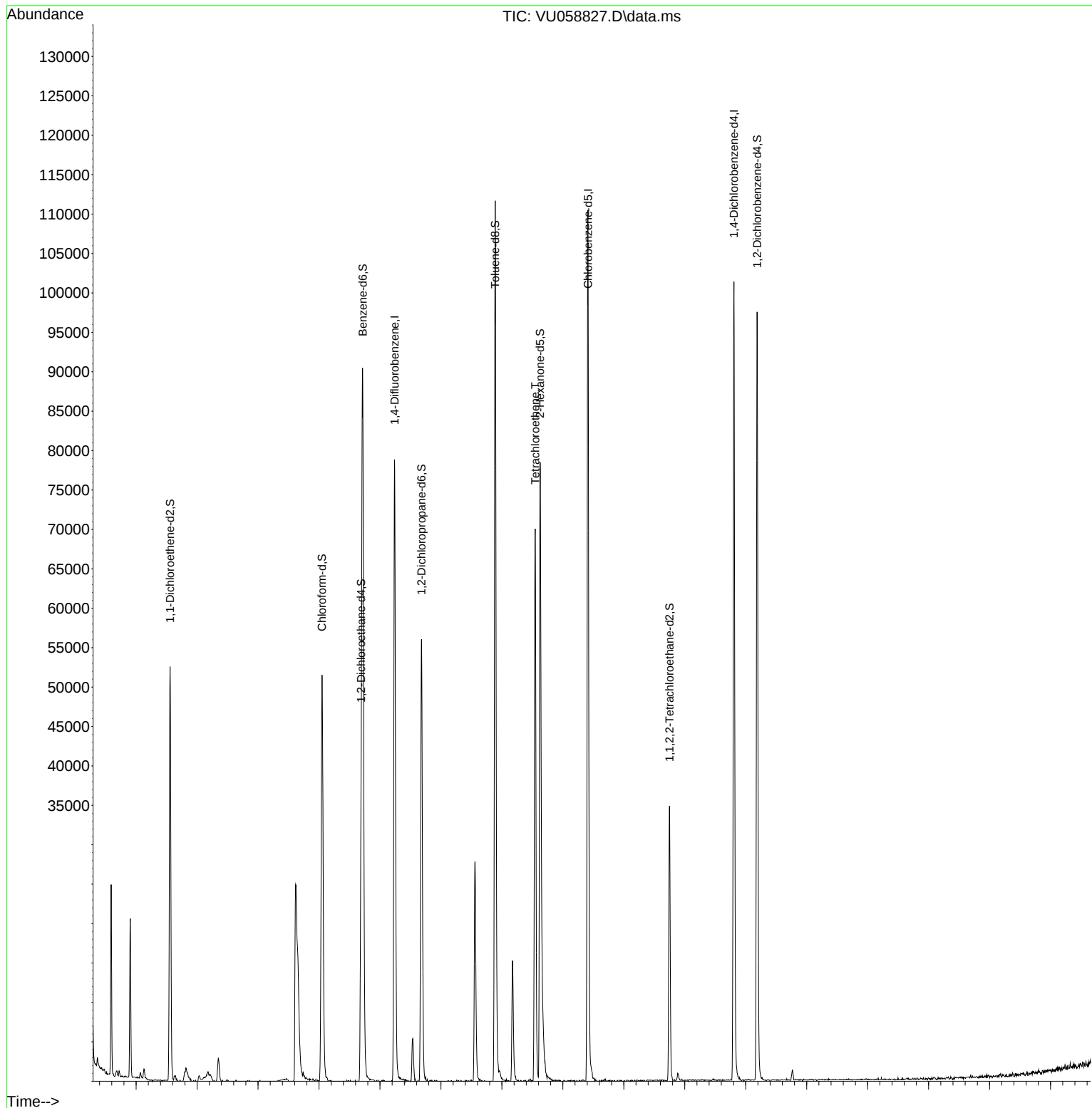
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	62469	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	61014	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27433	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	15798	3.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.904	69	13212	3.568	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.400%
11) 1,1-Dichloroethene-d2	2.557	65	10367	4.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.618	46	38492	44.587	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.180%
24) Chloroform-d	5.049	84	48796	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.692	65	25653	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.718	84	84930	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	24007	4.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.891	98	74538	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.174	79	9811	4.652	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.627	63	26984	43.179	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.360%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	16021	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	26096	5.458	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
17) Methyl tert-butyl Ether	3.348	73	3355	0.326	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	4618	0.923	ug/L	81
34) Trichloroethene	6.537	95	2183	0.380	ug/L	96
47) Tetrachloroethene	8.547	164	15417	3.824	ug/L	95

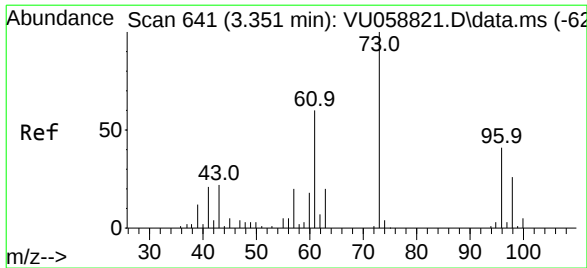
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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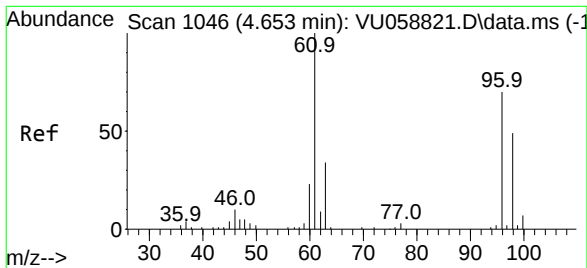
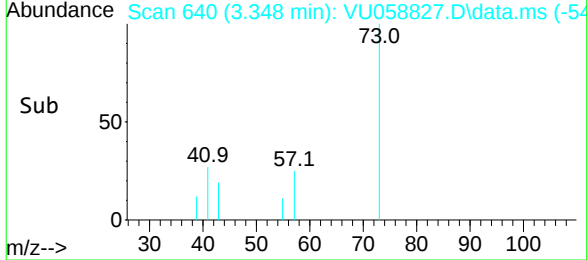
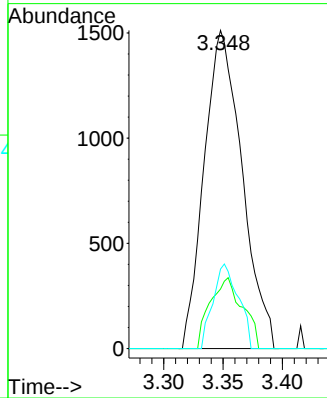
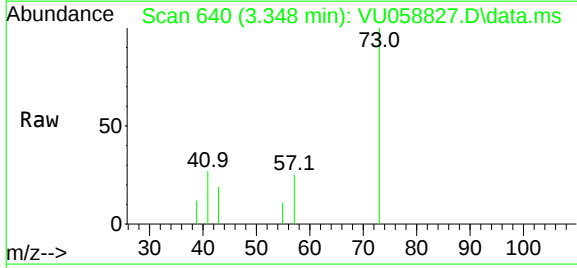




#17
Methyl tert-butyl Ether
Concen: 0.326 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058827.D
Acq: 06 May 2024 12:14

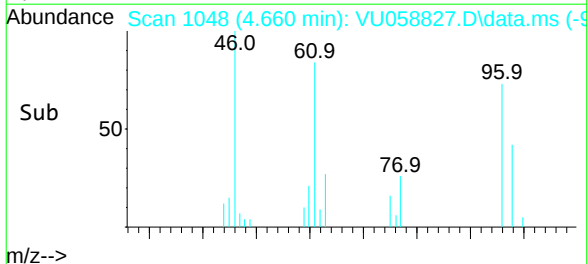
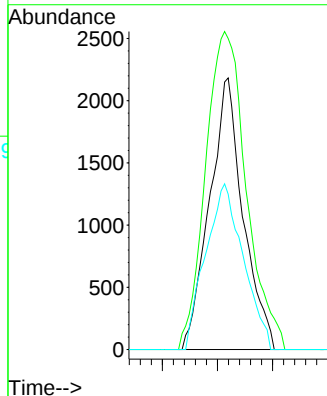
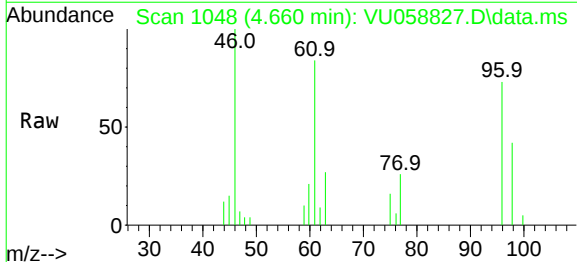
Instrument :
MSVOA_U
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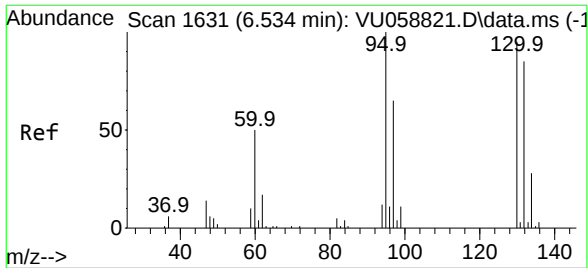
Tgt Ion: 73	Resp: 3355
Ion Ratio	Lower Upper
73 100	
43 19.1	17.7 26.5
57 17.8	17.0 25.4



#22
cis-1,2-Dichloroethene
Concen: 0.923 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU058827.D
Acq: 06 May 2024 12:14

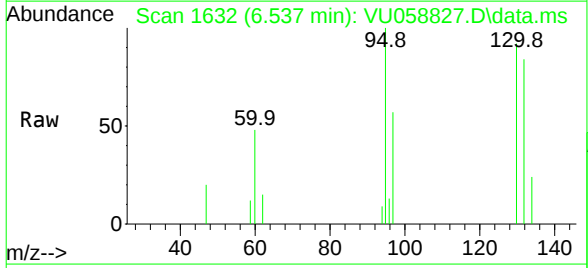
Tgt Ion: 96	Resp: 4618
Ion Ratio	Lower Upper
96 100	
61 114.5	100.4 186.4
98 57.2	45.1 83.7



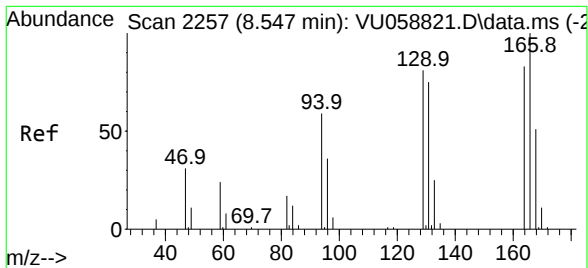
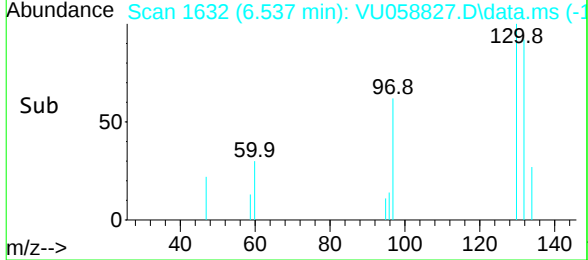
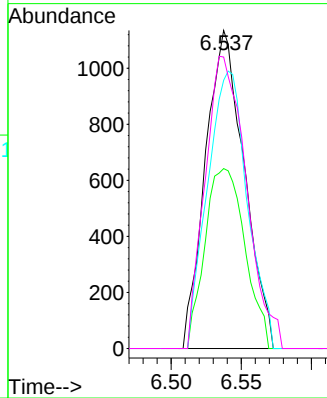


#34
Trichloroethene
Concen: 0.380 ug/L
RT: 6.537 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU058827.D
Acq: 06 May 2024 12:14

Instrument :
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ClientSampleId :
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Tgt Ion:	95	Resp:	2183
Ion	Ratio	Lower	Upper
95	100		
97	56.6	44.4	82.4
132	84.3	61.6	114.4
130	91.6	64.0	119.0



#47
Tetrachloroethene
Concen: 3.824 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058827.D
Acq: 06 May 2024 12:14

Tgt Ion:	164	Resp:	15417
Ion	Ratio	Lower	Upper
164	100		
129	97.4	71.5	132.9
131	91.4	65.0	120.6
166	119.0	89.5	166.1

