

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061342.D
 Acq On : 01 Nov 2024 04:43
 Operator : MD/SY
 Sample : P4631-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP05

Quant Time: Nov 01 05:54:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

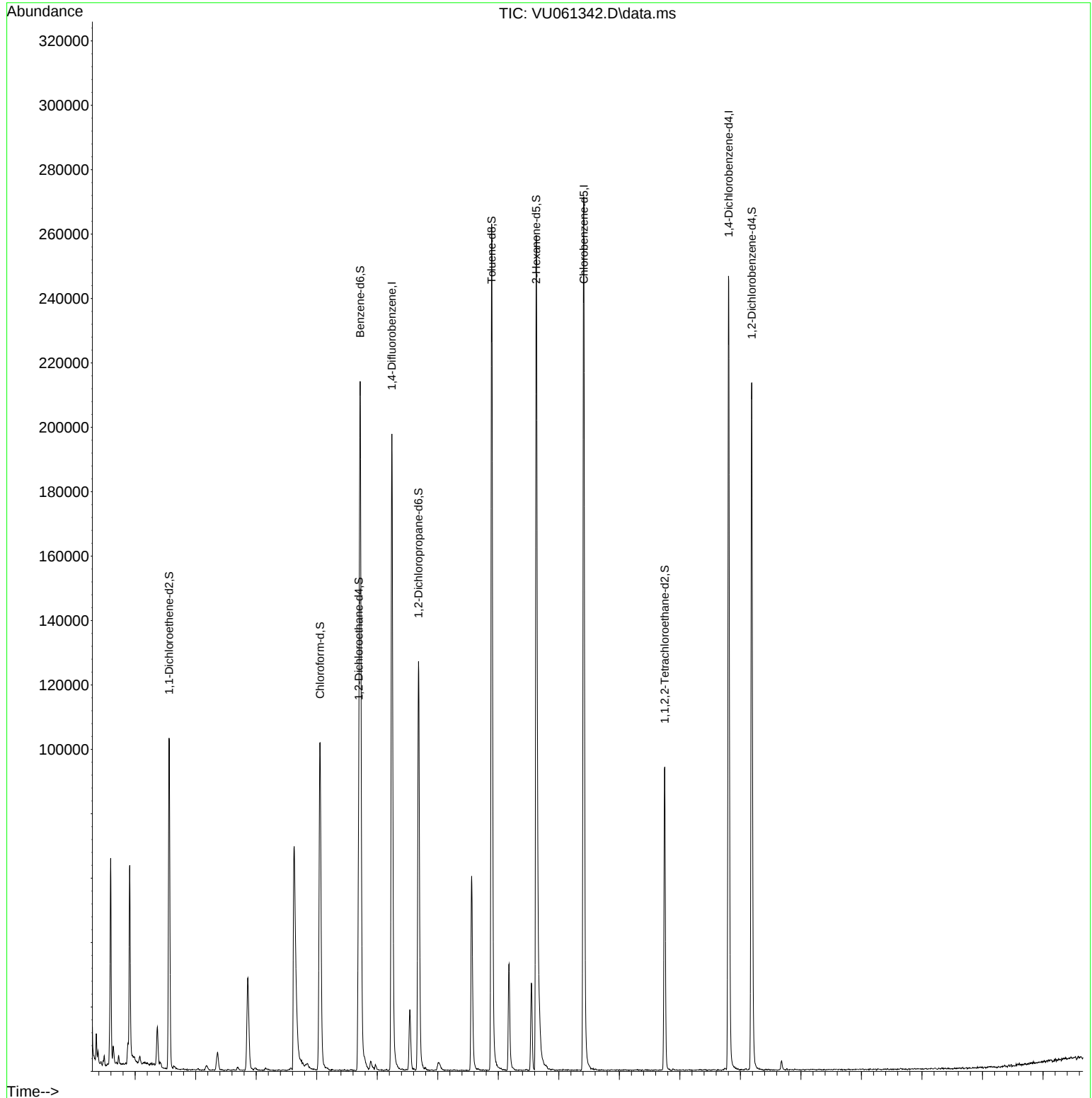
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	171888	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68466	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42006	3.598	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.910	69	42855	4.004	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.560	65	19028	3.809	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.627	46	110541	46.629	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.260%
24) Chloroform-d	5.055	84	98480	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.695	65	52237	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.717	84	208185	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.682	67	63009	4.696	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.891	98	184991	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.177	79	21541	3.933	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.627	63	98283	43.812	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.620%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	46733	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	59289	4.890	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
17) Methyl tert-butyl Ether	3.361	73	6392	0.232	ug/L	97
19) 1,1-Dichloroethane	3.862	63	33250	1.569	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	3438	0.268	ug/L	82
34) Trichloroethene	6.537	95	6840	0.513	ug/L	99
47) Tetrachloroethene	8.547	164	5981	0.643	ug/L	95

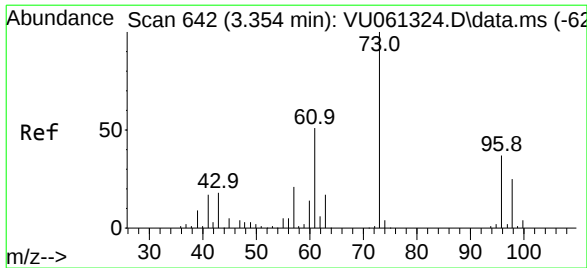
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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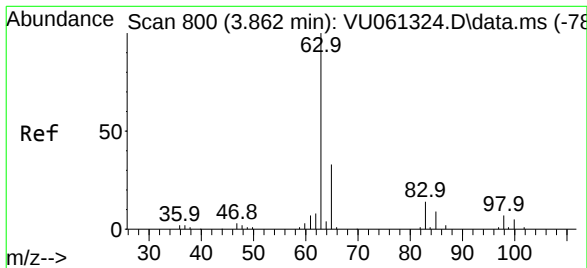
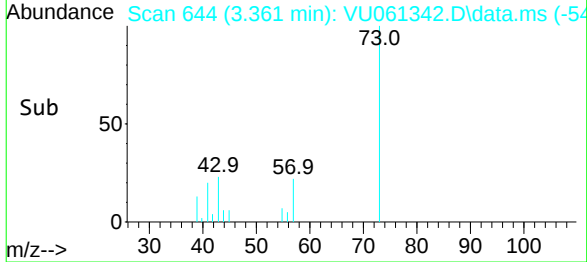
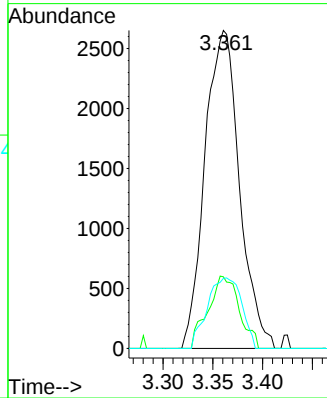
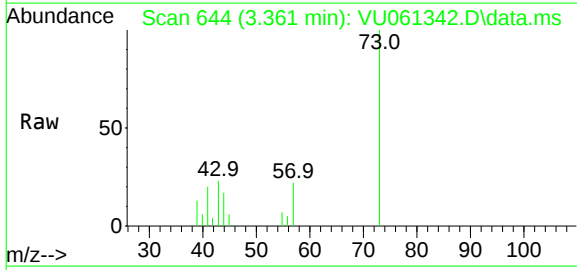




#17
Methyl tert-butyl Ether
Concen: 0.232 ug/L
RT: 3.361 min Scan# 64
Delta R.T. 0.006 min
Lab File: VU061342.D
Acq: 01 Nov 2024 04:43

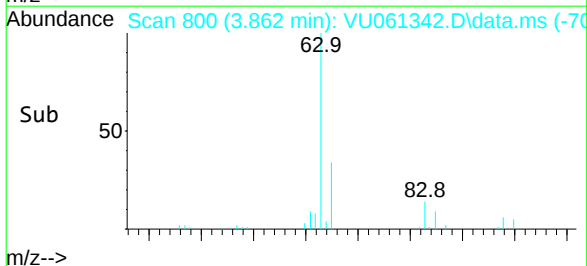
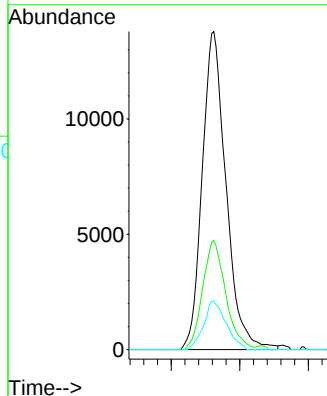
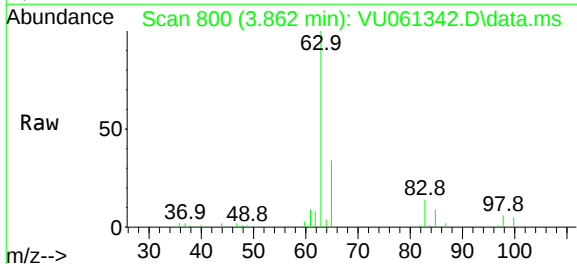
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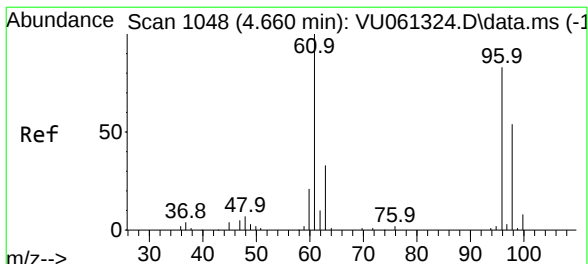
Tgt Ion:	73	Resp:	6392
Ion	Ratio	Lower	Upper
73	100		
43	20.6	15.0	22.4
57	22.1	17.0	25.6



#19
1,1-Dichloroethane
Concen: 1.569 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU061342.D
Acq: 01 Nov 2024 04:43

Tgt Ion:	63	Resp:	33250
Ion	Ratio	Lower	Upper
63	100		
65	34.3	23.0	42.6
83	15.2	9.7	17.9

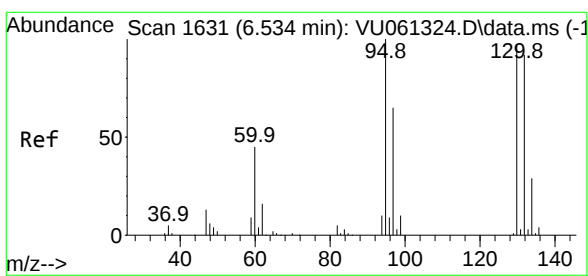
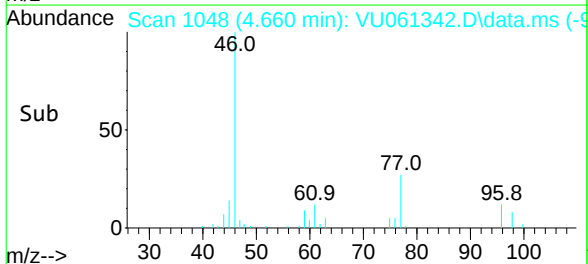
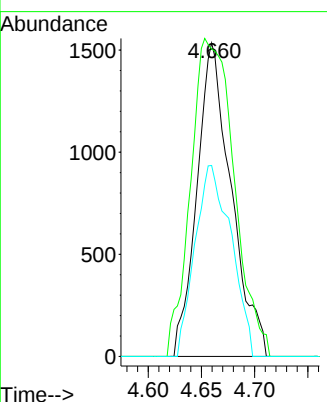
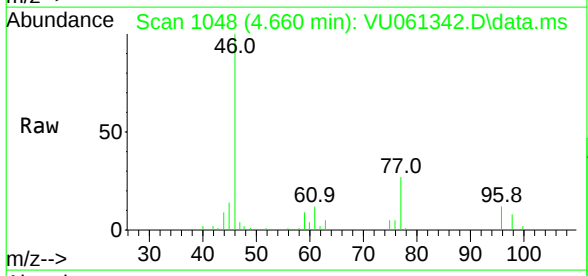




#22
 cis-1,2-Dichloroethene
 Concen: 0.268 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU061342.D
 Acq: 01 Nov 2024 04:43

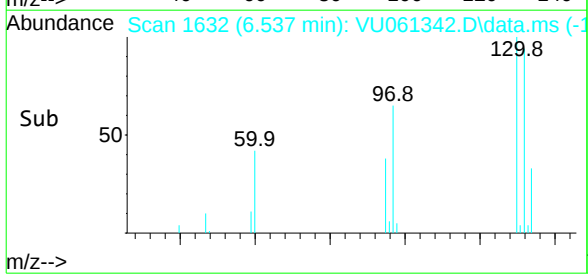
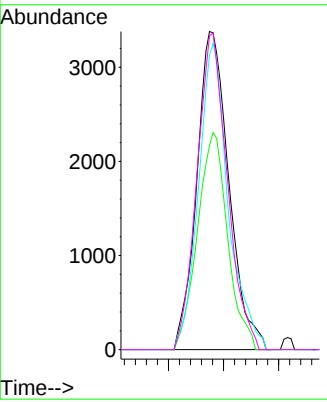
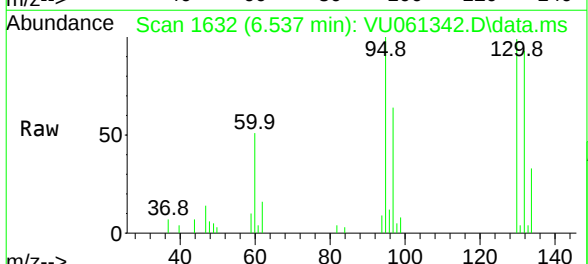
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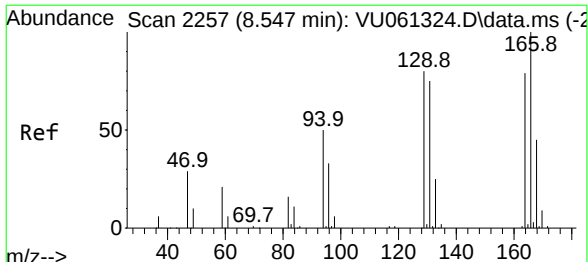
Tgt Ion:	96	Resp:	3438
Ion	Ratio	Lower	Upper
96	100		
61	98.0	88.1	163.5
98	60.9	45.0	83.6



#34
 Trichloroethene
 Concen: 0.513 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: VU061342.D
 Acq: 01 Nov 2024 04:43

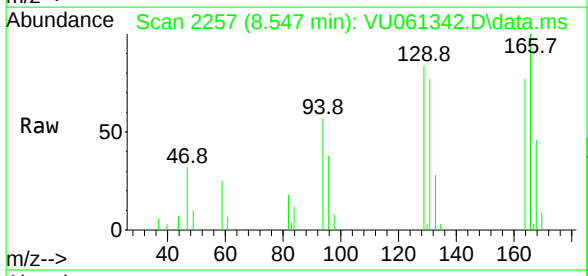
Tgt Ion:	95	Resp:	6840
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.1	85.7
132	92.7	66.1	122.7
130	98.7	69.0	128.2





#47
 Tetrachloroethene
 Concen: 0.643 ug/L
 RT: 8.547 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: VU061342.D
 Acq: 01 Nov 2024 04:43

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP05



Tgt Ion:	164	Resp:	5981
Ion	Ratio	Lower	Upper
164	100		
129	109.0	69.9	129.7
131	100.2	68.3	126.8
166	129.5	88.8	165.0

