

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110124\
 Data File : VU061358.D
 Acq On : 01 Nov 2024 13:23
 Operator : MD/SY
 Sample : P4631-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP09

Quant Time: Nov 04 04:00:33 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)

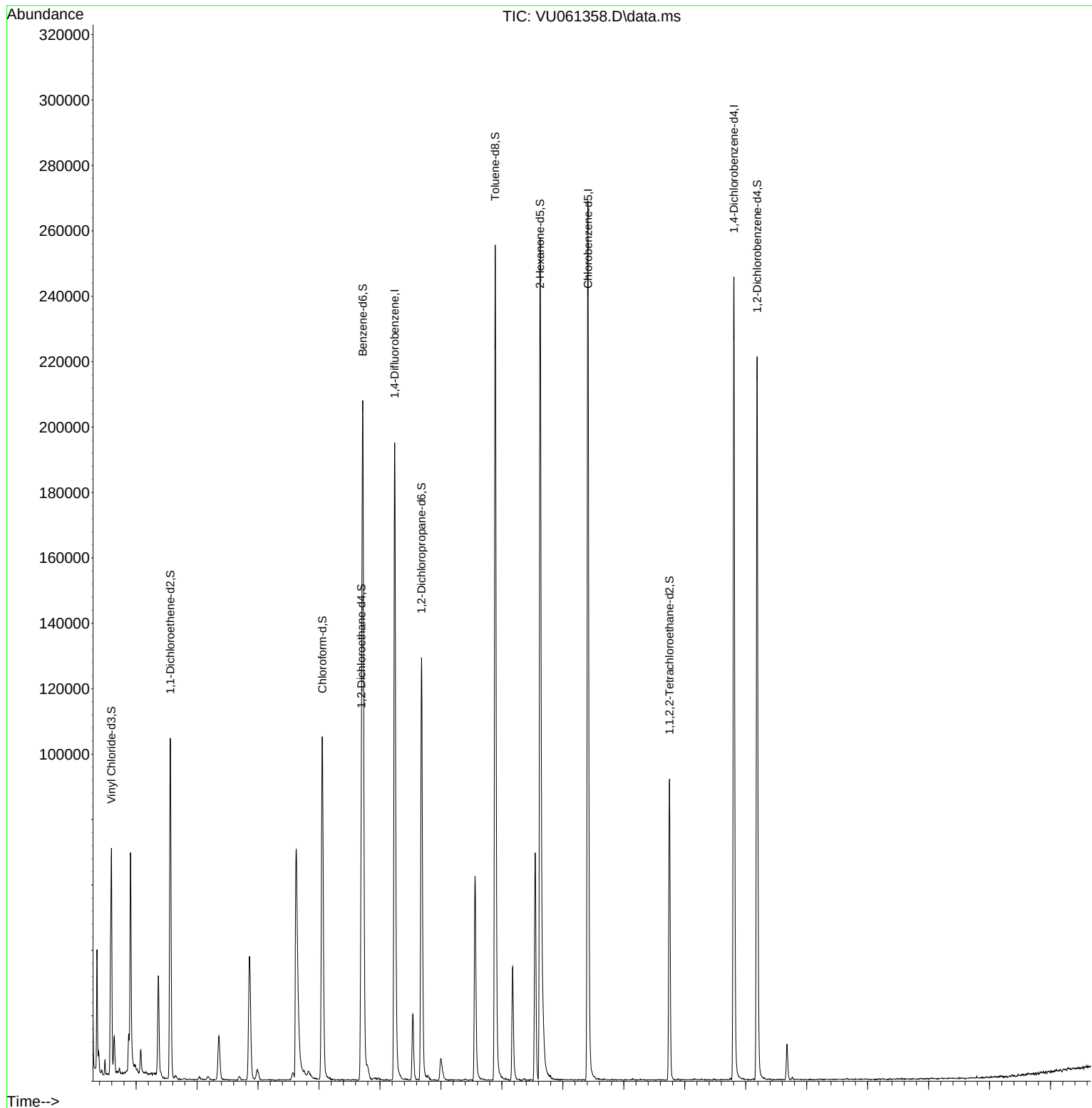
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	171634	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156345	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	41741	3.580	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.907	69	47955	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.560	65	19598	3.929	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.624	46	112579	47.559	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.120%
24) Chloroform-d	5.055	84	100221	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.695	65	51225	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.717	84	202852	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.682	67	63398	4.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	182020	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.177	79	21504	3.977	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.627	63	97875	44.201	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.400%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	46009	4.594	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	59305	4.936	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
17) Methyl tert-butyl Ether	3.357	73	15784	0.574	ug/L	98
19) 1,1-Dichloroethane	3.859	63	43767	2.068	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	2729	0.213	ug/L	93
34) Trichloroethene	6.537	95	7018	0.534	ug/L	93
47) Tetrachloroethene	8.547	164	14951	1.628	ug/L	97

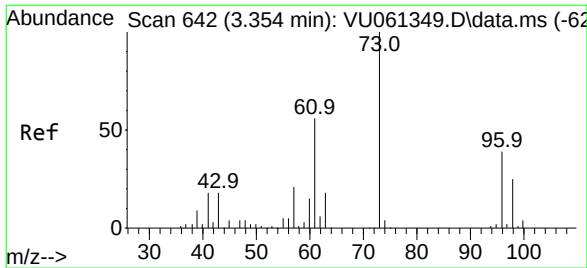
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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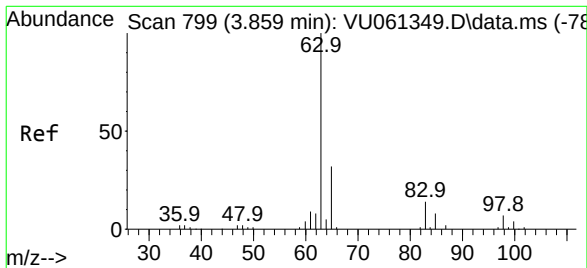
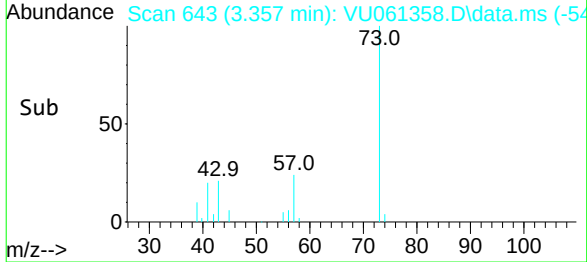
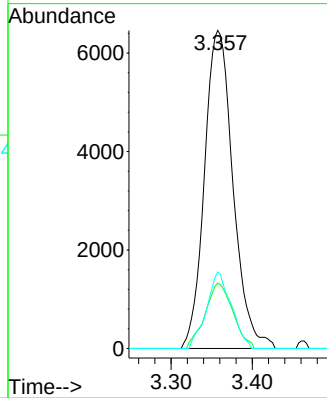
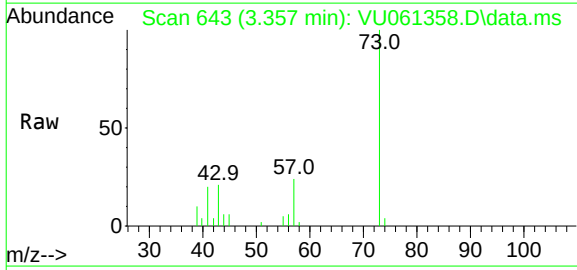




#17
Methyl tert-butyl Ether
Concen: 0.574 ug/L
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061358.D
Acq: 01 Nov 2024 13:23

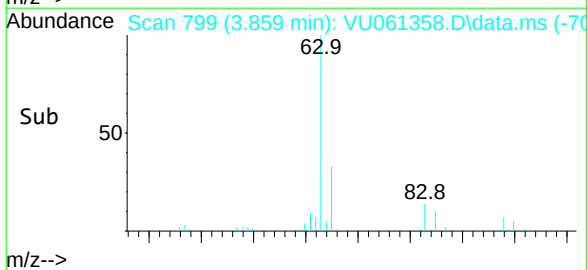
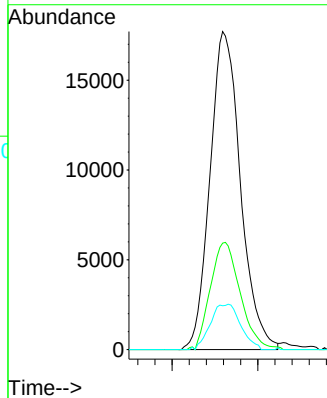
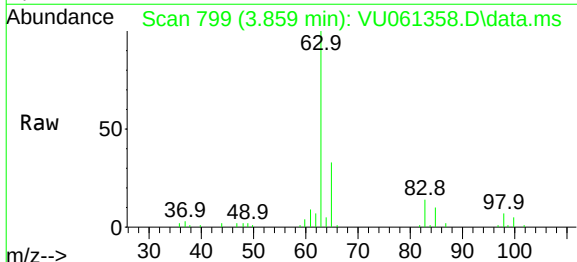
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MSVOA_U
ClientSampleId :
GCP09

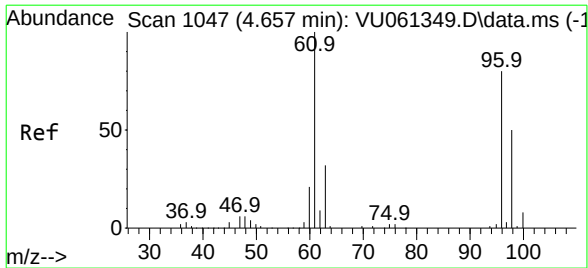
Tgt Ion:	73	Resp:	15784
Ion	Ratio	Lower	Upper
73	100		
43	19.9	15.0	22.4
57	20.8	17.0	25.6



#19
1,1-Dichloroethane
Concen: 2.068 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061358.D
Acq: 01 Nov 2024 13:23

Tgt Ion:	63	Resp:	43767
Ion	Ratio	Lower	Upper
63	100		
65	33.5	23.0	42.6
83	13.8	9.7	17.9

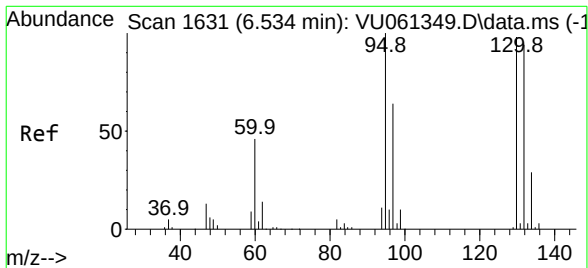
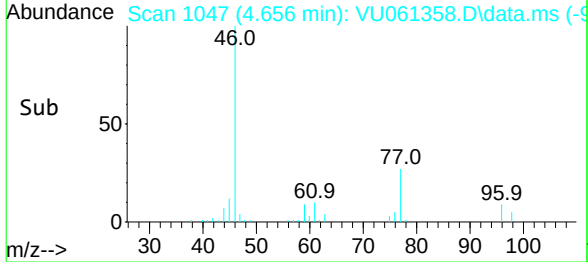
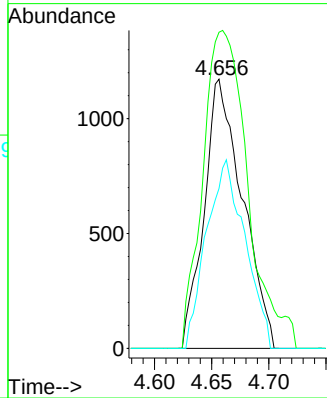
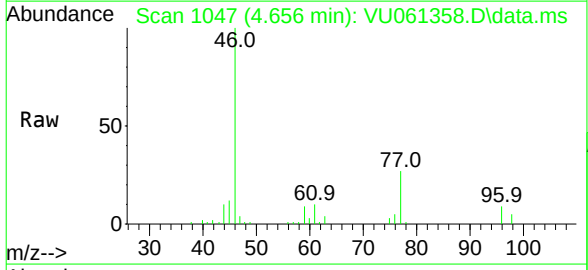




#22
 cis-1,2-Dichloroethene
 Concen: 0.213 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU061358.D
 Acq: 01 Nov 2024 13:23

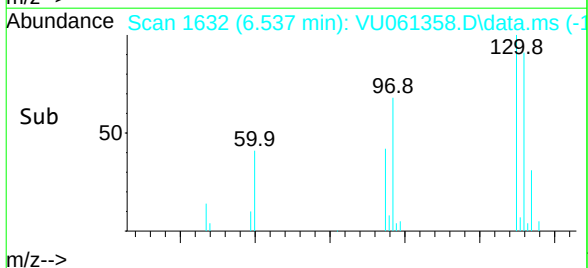
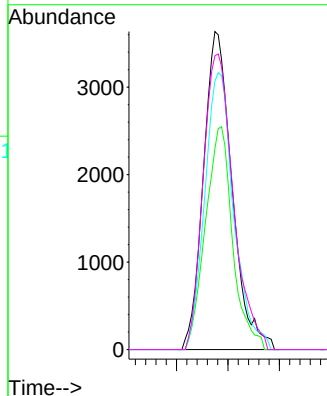
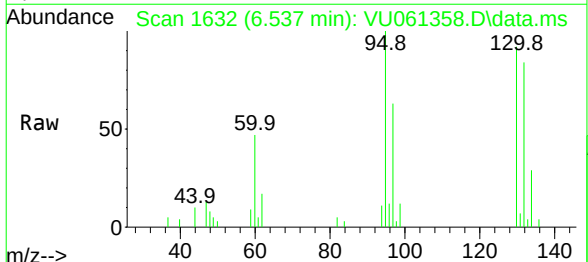
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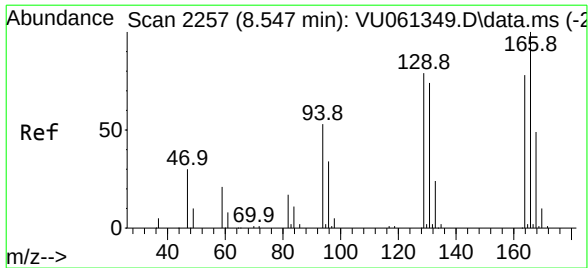
Tgt Ion: 96	Resp: 2729
Ion Ratio	Lower Upper
96 100	
61 117.4	88.1 163.5
98 59.4	45.0 83.6



#34
 Trichloroethene
 Concen: 0.534 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: VU061358.D
 Acq: 01 Nov 2024 13:23

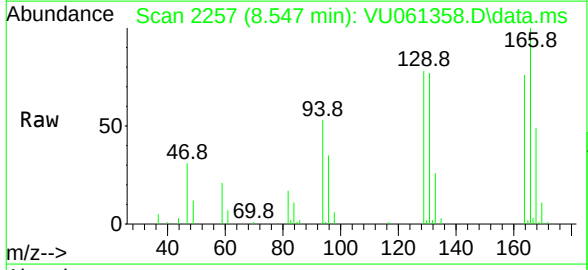
Tgt Ion: 95	Resp: 7018
Ion Ratio	Lower Upper
95 100	
97 63.2	46.1 85.7
132 84.4	66.1 122.7
130 92.4	69.0 128.2





#47
 Tetrachloroethene
 Concen: 1.628 ug/L
 RT: 8.547 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: VU061358.D
 Acq: 01 Nov 2024 13:23

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP09



Tgt Ion:	164	Resp:	14951
Ion	Ratio	Lower	Upper
164	100		
129	101.9	69.9	129.7
131	100.2	68.3	126.8
166	131.0	88.8	165.0

