

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061335.D
 Acq On : 01 Nov 2024 01:52
 Operator : MD/SY
 Sample : P4631-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP10

Quant Time: Nov 01 04:08:34 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)

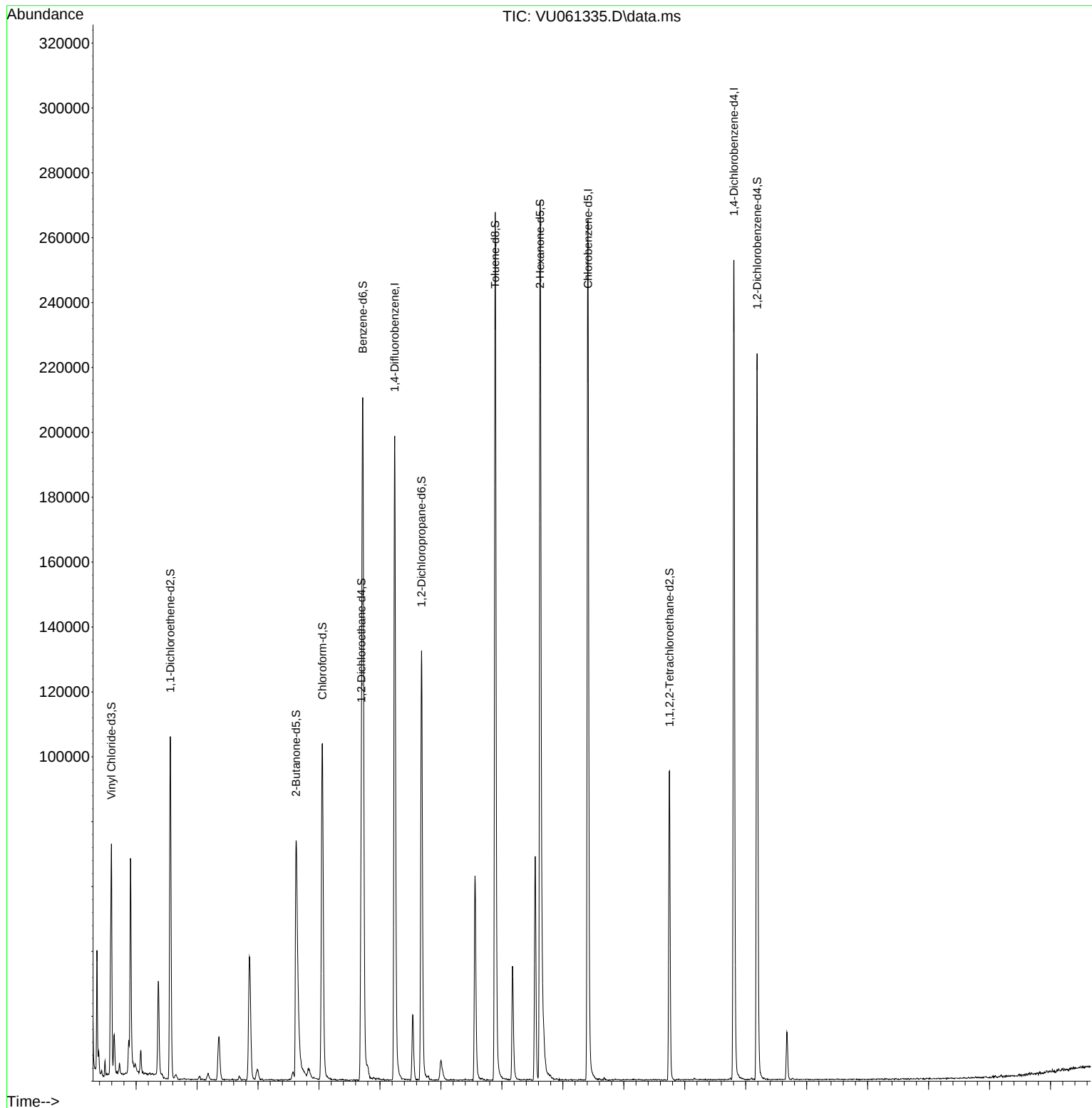
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	171351	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158514	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68130	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42564	3.657	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.907	69	46609	4.368	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.560	65	20204	4.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.624	46	119003	50.356	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.720%
24) Chloroform-d	5.055	84	100838	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.695	65	54157	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.717	84	207568	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.682	67	64000	4.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.891	98	188779	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.174	79	21900	3.995	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.627	63	102994	45.876	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.760%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	47599	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	61250	5.077	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
17) Methyl tert-butyl Ether	3.357	73	16215	0.591	ug/L #	88
19) 1,1-Dichloroethane	3.859	63	45860	2.171	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	2689	0.210	ug/L	97
34) Trichloroethene	6.537	95	7153	0.536	ug/L	94
47) Tetrachloroethene	8.547	164	15634	1.679	ug/L	95

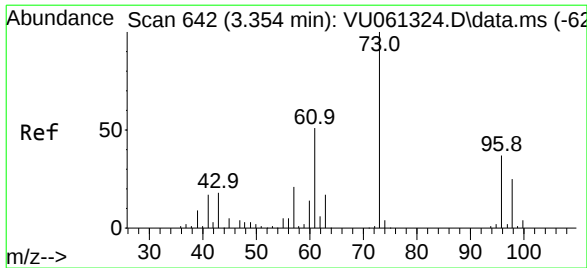
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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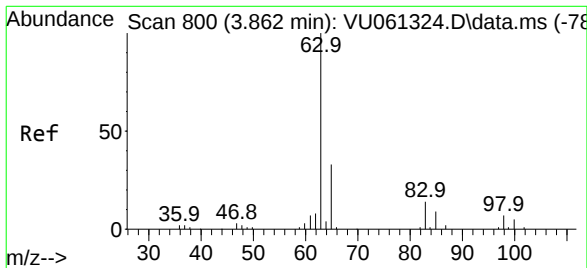
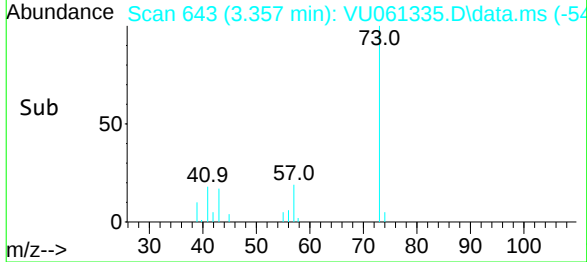
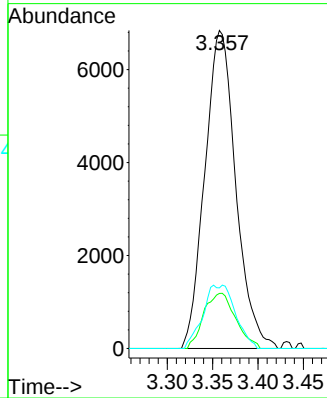
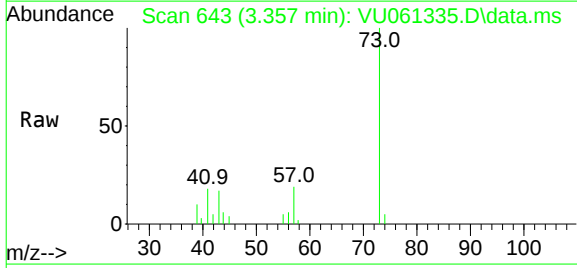




#17
Methyl tert-butyl Ether
Concen: 0.591 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061335.D
Acq: 01 Nov 2024 01:52

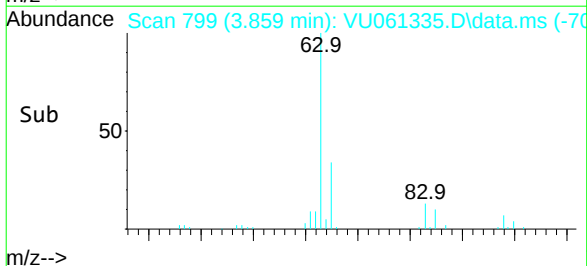
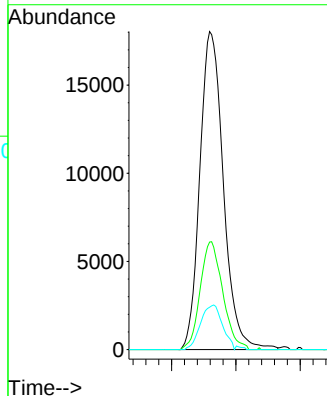
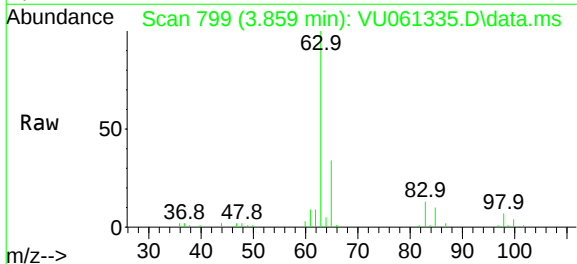
Instrument :
MSVOA_U
ClientSampleId :
GCP10

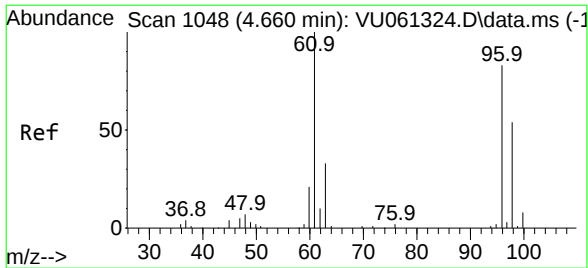
Tgt Ion: 73 Resp: 16215
Ion Ratio Lower Upper
73 100
43 17.9 15.0 22.4
57 11.2 17.0 25.6#



#19
1,1-Dichloroethane
Concen: 2.171 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061335.D
Acq: 01 Nov 2024 01:52

Tgt Ion: 63 Resp: 45860
Ion Ratio Lower Upper
63 100
65 33.8 23.0 42.6
83 13.3 9.7 17.9

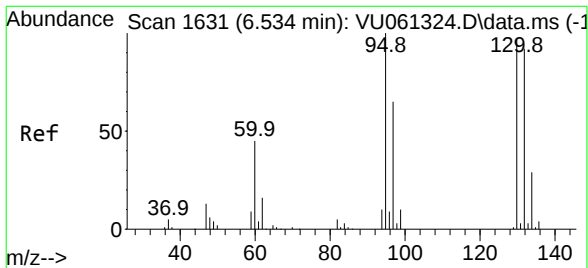
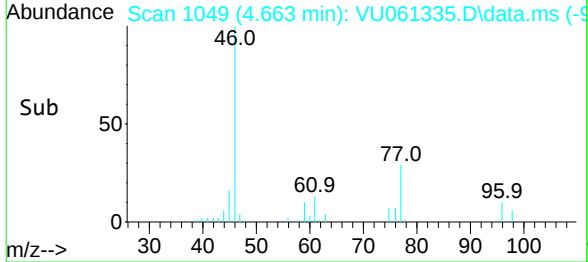
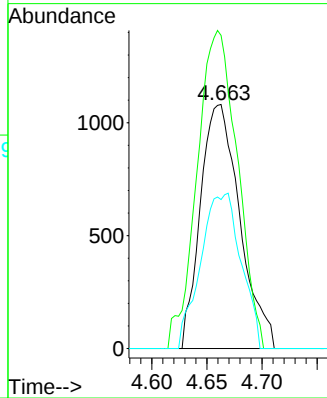
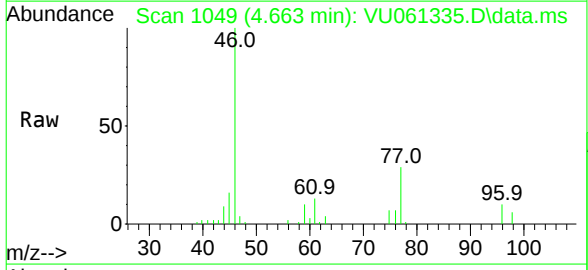




#22
 cis-1,2-Dichloroethene
 Concen: 0.210 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU061335.D
 Acq: 01 Nov 2024 01:52

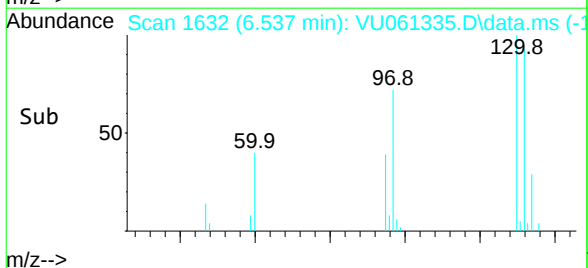
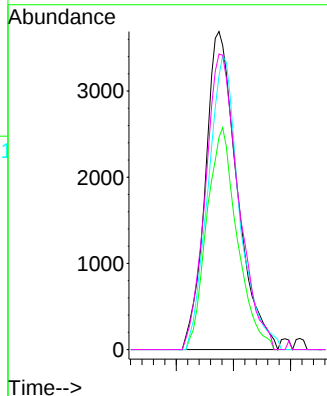
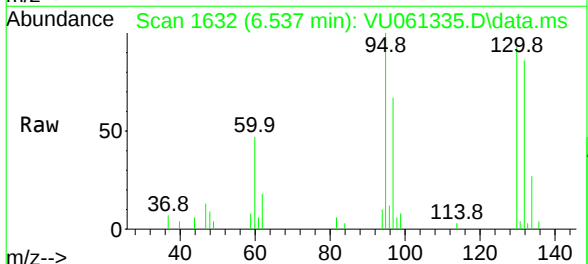
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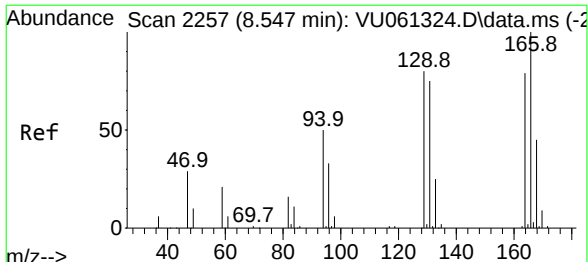
Tgt Ion: 96	Resp: 2689
Ion Ratio	Lower Upper
96 100	
61 128.3	88.1 163.5
98 61.1	45.0 83.6



#34
 Trichloroethene
 Concen: 0.536 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: VU061335.D
 Acq: 01 Nov 2024 01:52

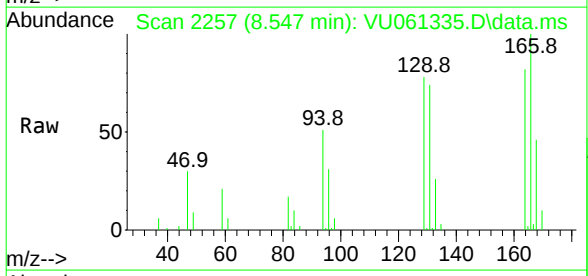
Tgt Ion: 95	Resp: 7153
Ion Ratio	Lower Upper
95 100	
97 66.8	46.1 85.7
132 86.2	66.1 122.7
130 93.0	69.0 128.2





#47
 Tetrachloroethene
 Concen: 1.679 ug/L
 RT: 8.547 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: VU061335.D
 Acq: 01 Nov 2024 01:52

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP10



Tgt Ion:	164	Resp:	15634
Ion	Ratio	Lower	Upper
164	100		
129	96.1	69.9	129.7
131	90.2	68.3	126.8
166	122.5	88.8	165.0

