

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061239.D
 Acq On : 25 Oct 2024 21:06
 Operator : MD/SY
 Sample : P4560-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCNX9

Quant Time: Oct 26 05:05:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 01:22:04 2024
 Response via : Initial Calibration

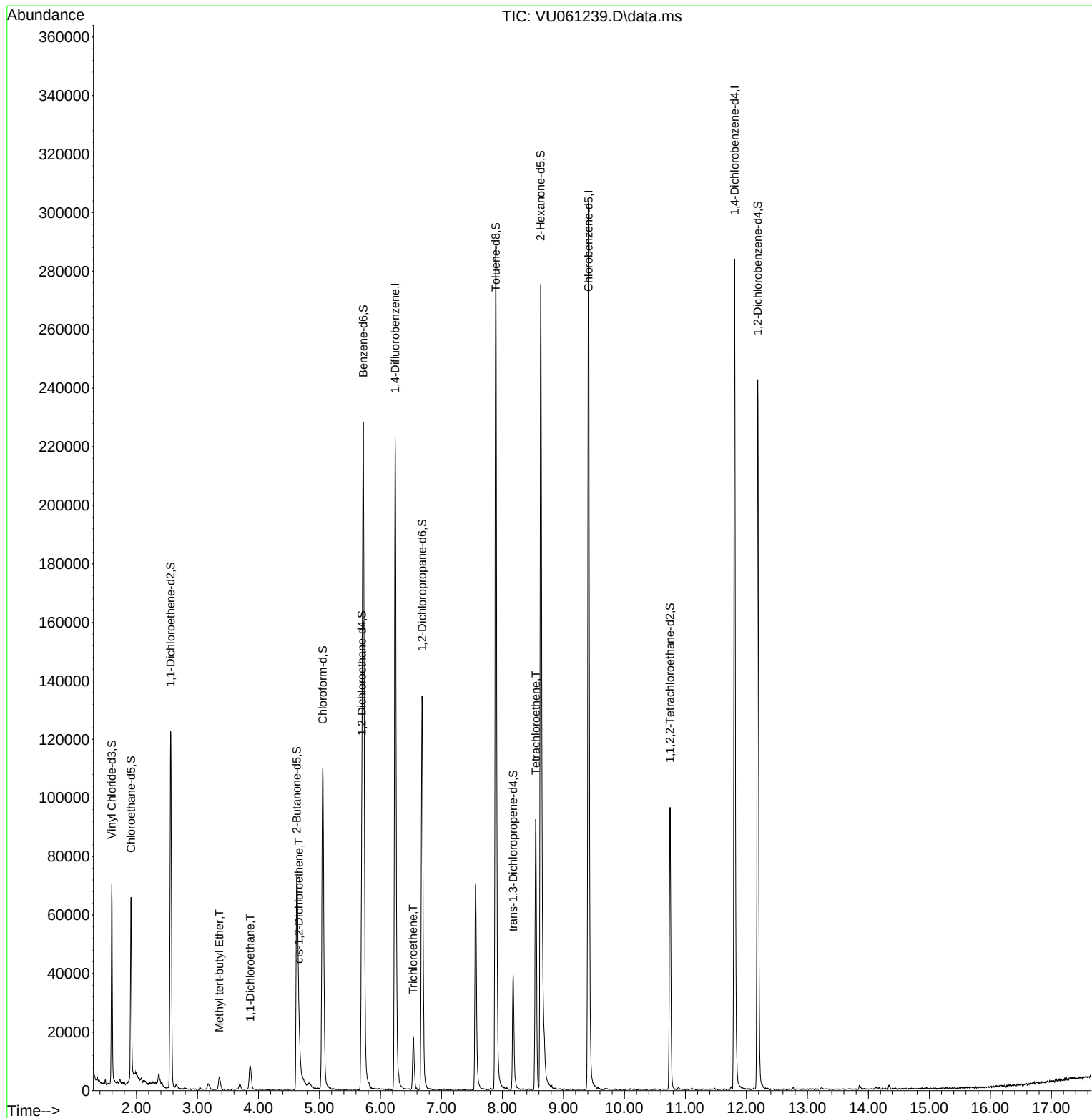
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	193808	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	173630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46967	3.567	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.911	69	44422	3.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.560	65	23732	4.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.628	46	113677	42.528	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.060%
24) Chloroform-d	5.055	84	107735	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.695	65	55158	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.718	84	224502	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.682	67	67457	4.586	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.891	98	205409	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.177	79	24669	4.109	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.627	63	107150	43.572	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.140%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49744	4.472	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	65371	4.822	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
17) Methyl tert-butyl Ether	3.358	73	5147	0.166	ug/L	91
19) 1,1-Dichloroethane	3.866	63	10748	0.450	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	1942	0.134	ug/L	97
34) Trichloroethene	6.537	95	6205	0.425	ug/L	98
47) Tetrachloroethene	8.547	164	20422	2.002	ug/L	94

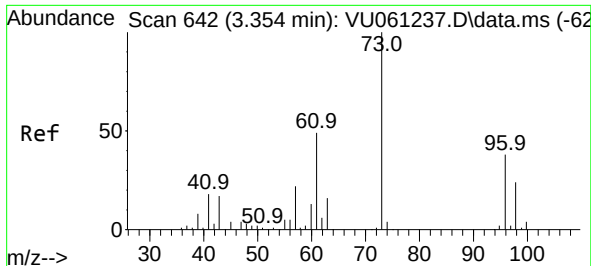
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.166 ug/L

RT: 3.358 min Scan# 64

Delta R.T. 0.003 min

Lab File: VU061239.D

Acq: 25 Oct 2024 21:06

Instrument :

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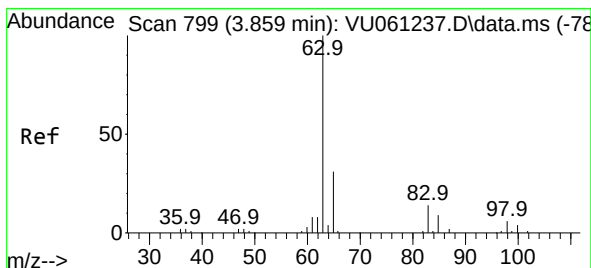
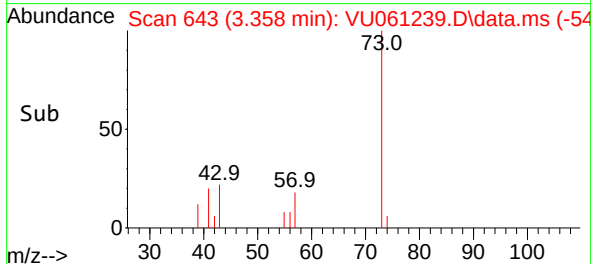
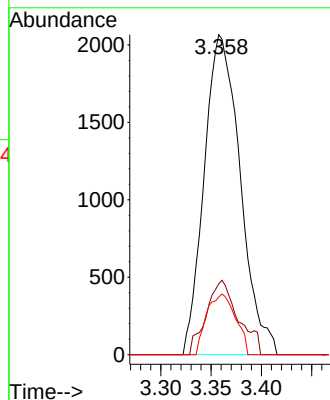
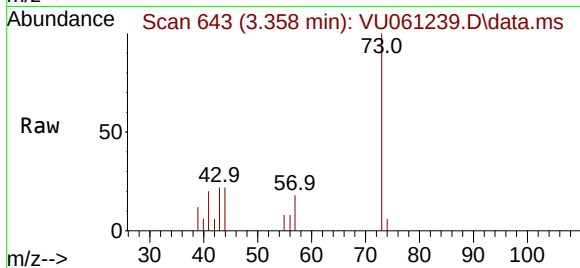
Tgt Ion: 73 Resp: 5147

Ion Ratio Lower Upper

73 100

43 20.7 15.0 22.4

57 15.2 17.0 25.6#



#19

1,1-Dichloroethane

Concen: 0.450 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.007 min

Lab File: VU061239.D

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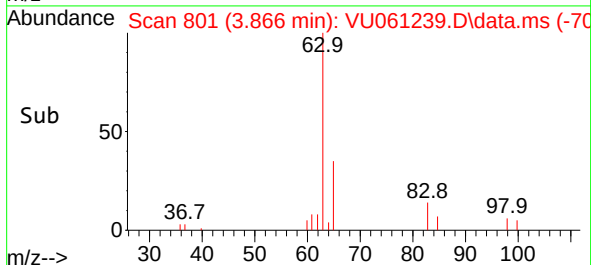
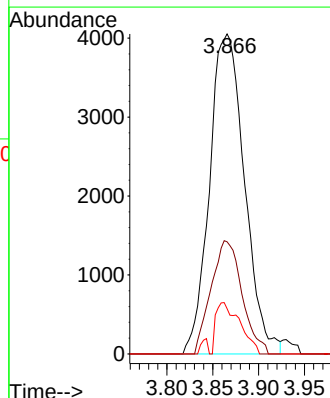
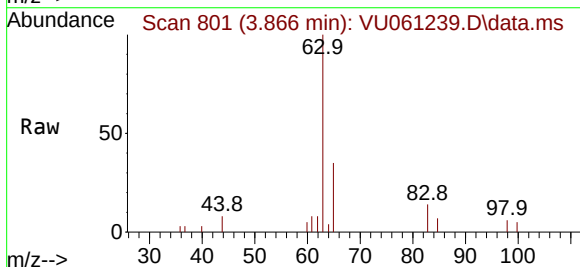
Tgt Ion: 63 Resp: 10748

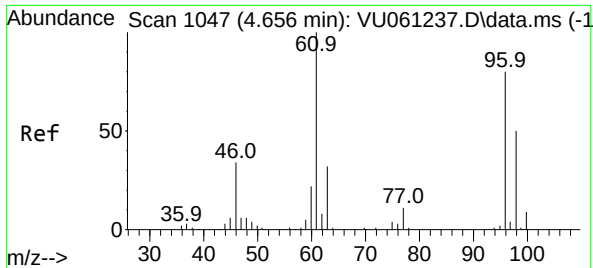
Ion Ratio Lower Upper

63 100

65 35.0 23.0 42.6

83 14.2 9.7 17.9

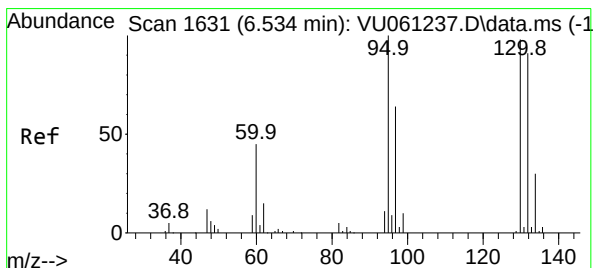
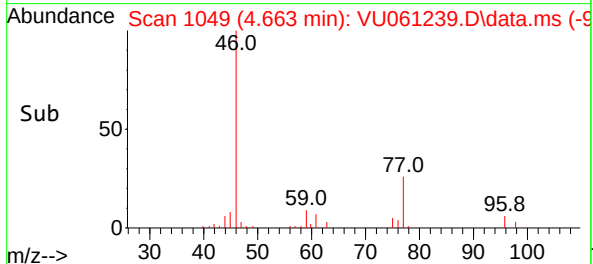
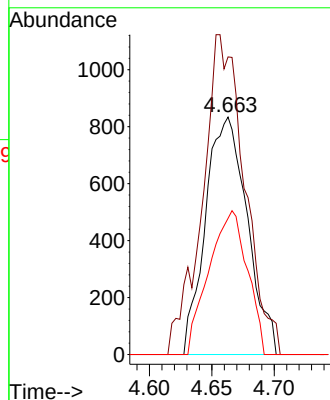
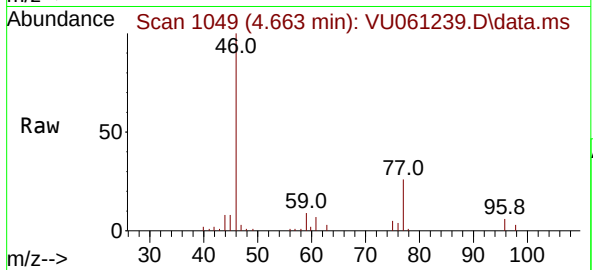




#22
 cis-1,2-Dichloroethene
 Concen: 0.134 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.007 min
 Lab File: VU061239.D
 Acq: 25 Oct 2024 21:06

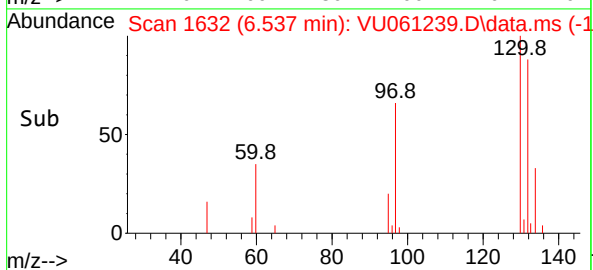
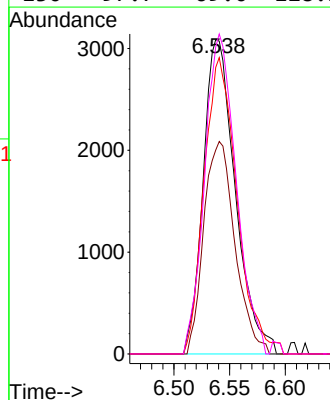
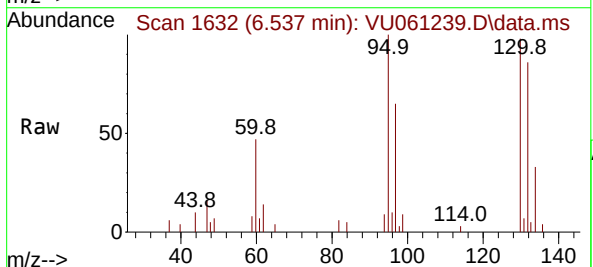
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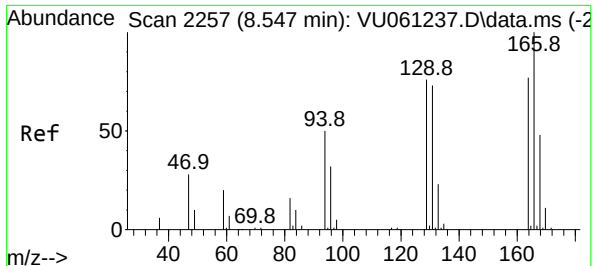
Tgt Ion: 96 Resp: 1942
 Ion Ratio Lower Upper
 96 100
 61 125.3 88.1 163.5
 98 57.3 45.0 83.6



#34
 Trichloroethene
 Concen: 0.425 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: VU061239.D
 Acq: 25 Oct 2024 21:06

Tgt Ion: 95 Resp: 6205
 Ion Ratio Lower Upper
 95 100
 97 64.9 46.1 85.7
 132 91.1 66.1 122.7
 130 97.7 69.0 128.2





#47
 Tetrachloroethene
 Concen: 2.002 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU061239.D
 Acq: 25 Oct 2024 21:06

Instrument :
 MSVOA_U
 ClientSampleId :
 GCNX9

Tgt Ion:164	Resp:	20422
Ion	Ratio	Lower Upper
164	100	
129	101.9	69.9 129.7
131	103.8	68.3 126.8
166	137.9	88.8 165.0

