

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059772.D
 Acq On : 03 Jul 2024 05:07
 Operator : MD/SY
 Sample : P3122-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

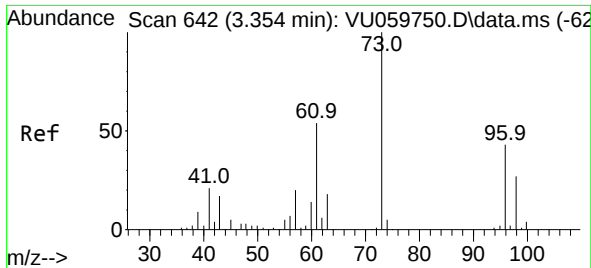
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BN4

Quant Time: Jul 03 05:26:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	168817	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	169883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54007	4.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.907	69	44519	3.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	21066	4.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.618	46	99319	41.075	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.140%
24) Chloroform-d	5.055	84	93120	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	5.695	65	46793	4.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
32) Benzene-d6	5.721	84	197645	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.682	67	61187	4.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	168740	3.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.177	79	18694	4.167	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.627	63	80271	43.063	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48837	4.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	63112	4.760	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.354	73	31187	1.209	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	3767	0.274	ug/L	# 70
33) Benzene	5.769	78	77604	1.504	ug/L	100
34) Trichloroethene	6.537	95	7388	0.529	ug/L	98
47) Tetrachloroethene	8.547	164	15294	1.411	ug/L	95

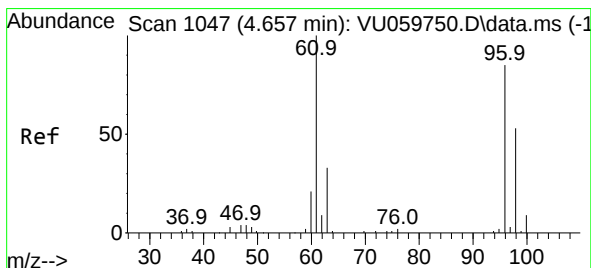
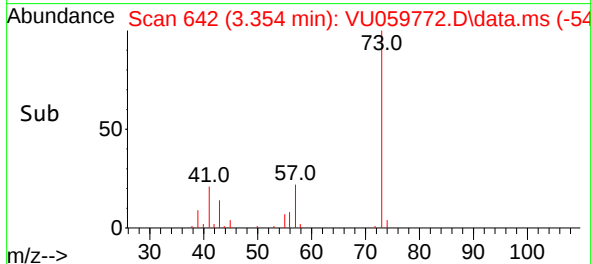
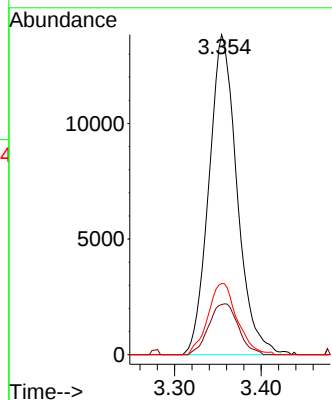
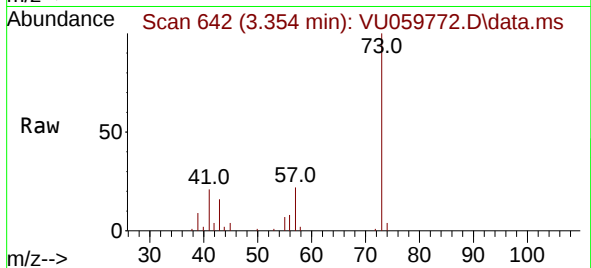
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#17
Methyl tert-butyl Ether
Concen: 1.209 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059772.D
Acq: 03 Jul 2024 05:07

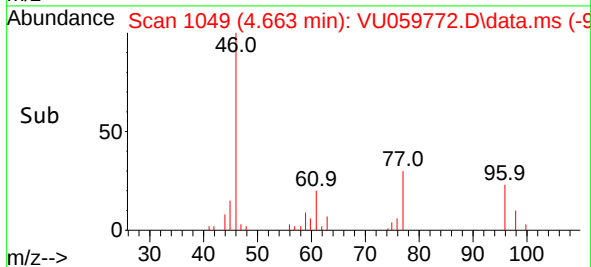
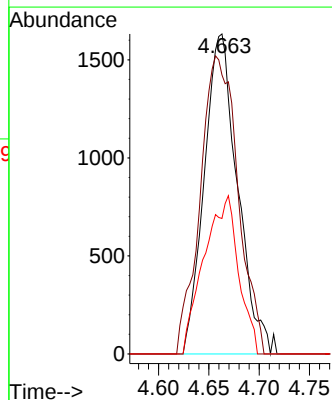
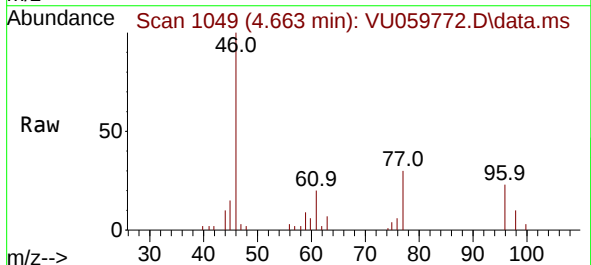
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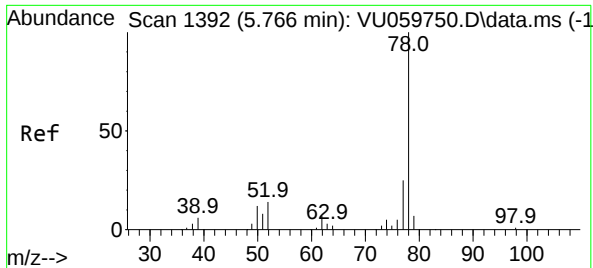
Tgt Ion: 73 Resp: 31187
Ion Ratio Lower Upper
73 100
43 16.7 14.9 22.3
57 23.1 18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 0.274 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU059772.D
Acq: 03 Jul 2024 05:07

Tgt Ion: 96 Resp: 3767
Ion Ratio Lower Upper
96 100
61 87.2 87.4 162.2#
98 42.3 42.3 78.5

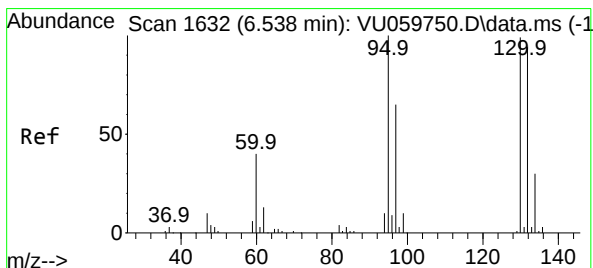
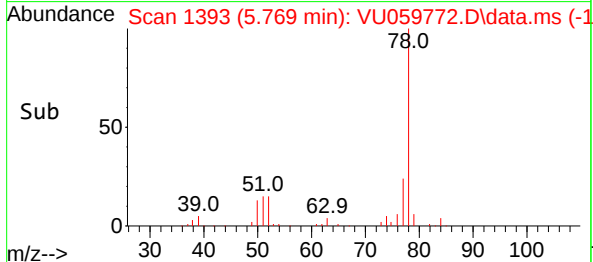
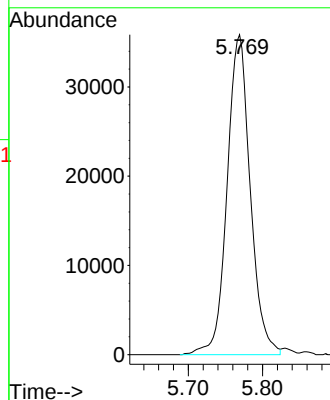
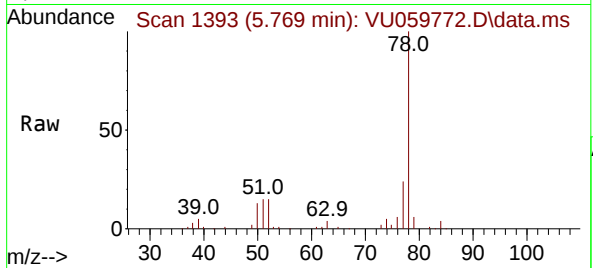




#33
Benzene
Concen: 1.504 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU059772.D
Acq: 03 Jul 2024 05:07

Instrument :
MSVOA_U
ClientSampleId :
C0BN4

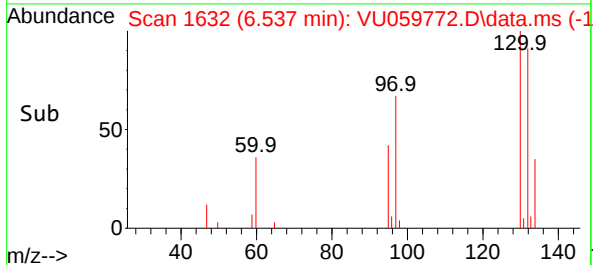
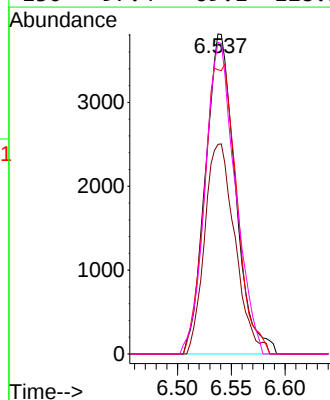
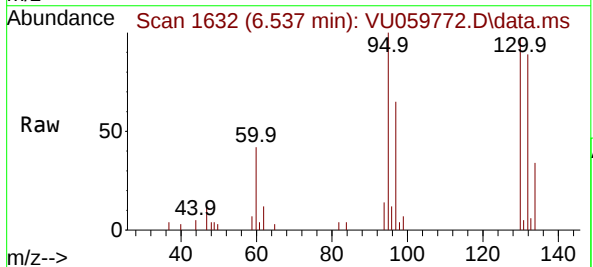
Tgt Ion: 78 Resp: 77604

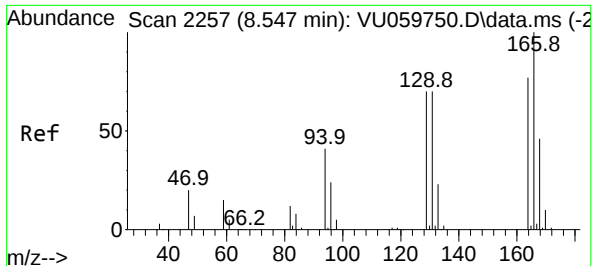


#34
Trichloroethene
Concen: 0.529 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU059772.D
Acq: 03 Jul 2024 05:07

Tgt Ion: 95 Resp: 7388

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.3	84.1
132	88.8	64.0	119.0
130	97.4	69.1	128.3





#47
Tetrachloroethene
Concen: 1.411 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059772.D
Acq: 03 Jul 2024 05:07

Instrument :
MSVOA_U
ClientSampleId :
C0BN4

Tgt Ion:164 Resp: 15294

Ion	Ratio	Lower	Upper
164	100		
129	91.7	70.8	131.4
131	87.7	64.8	120.3
166	132.8	91.1	169.1

