

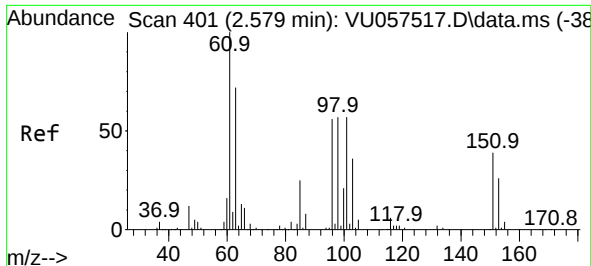
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057520.D
 Acq On : 15 Jan 2024 11:23
 Operator : MD/SY
 Sample : P1120-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWG4

Quant Time: Jan 16 00:33:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	271296	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	247727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	128235	4.659	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.200%	
7) Chloroethane-d5	1.914	69	108168	5.050	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.563	65	56009	4.812	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.200%	
20) 2-Butanone-d5	4.640	46	259078	49.761	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.520%	
24) Chloroform-d	5.055	84	238219	5.009	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
26) 1,2-Dichloroethane-d4	5.695	65	120284	5.252	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.721	84	454618	5.032	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
36) 1,2-Dichloropropane-d6	6.685	67	146490	5.200	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.000%	
41) Toluene-d8	7.894	98	344519	4.517	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	8.177	79	40336	4.119	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.634	63	134822	38.021	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.040%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	98437	5.173	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	103995	5.176	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	8052	0.450	ug/L #	86
12) 1,1-Dichloroethene	2.576	96	9696	0.612	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	19945	0.507	ug/L	97
19) 1,1-Dichloroethane	3.862	63	57595	1.622	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	4272	0.233	ug/L	92
34) Trichloroethene	6.541	95	35612	1.863	ug/L	98
47) Tetrachloroethene	8.547	164	51596	4.063	ug/L	95

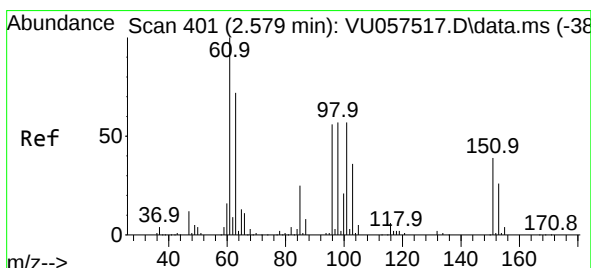
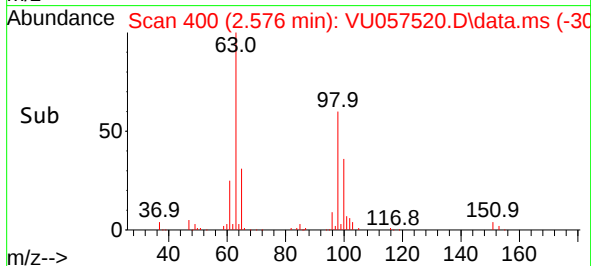
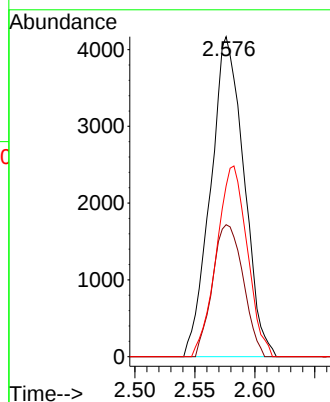
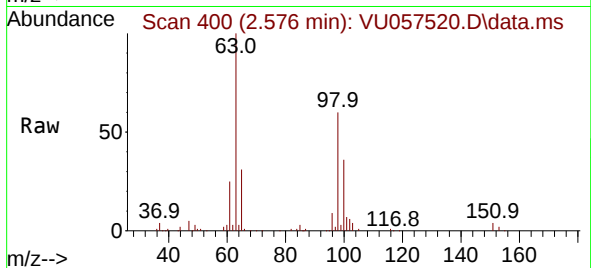
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.450 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU057520.D
 Acq: 15 Jan 2024 11:23

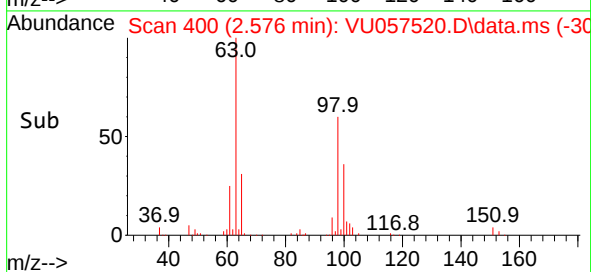
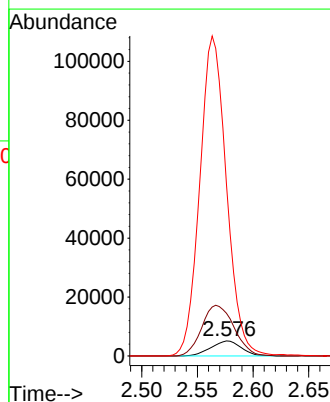
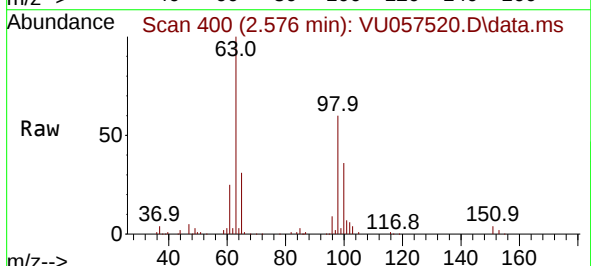
Instrument :
 MSVOA_U
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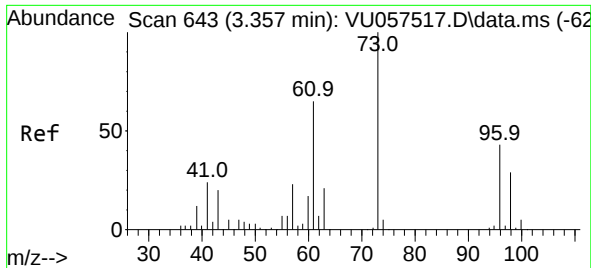
Tgt Ion:101 Resp: 8052
 Ion Ratio Lower Upper
 101 100
 85 38.0 35.1 52.7
 151 55.1 55.4 83.0#



#12
 1,1-Dichloroethene
 Concen: 0.612 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU057520.D
 Acq: 15 Jan 2024 11:23

Tgt Ion: 96 Resp: 9696
 Ion Ratio Lower Upper
 96 100
 61 284.8 130.9 243.1#
 63 1147.9 114.8 213.2#

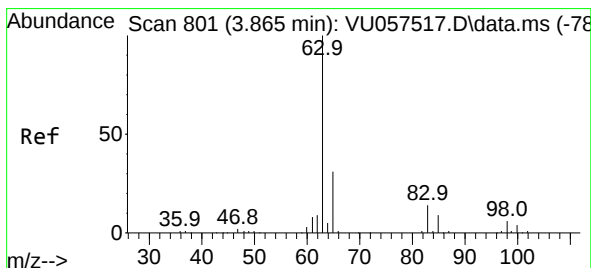
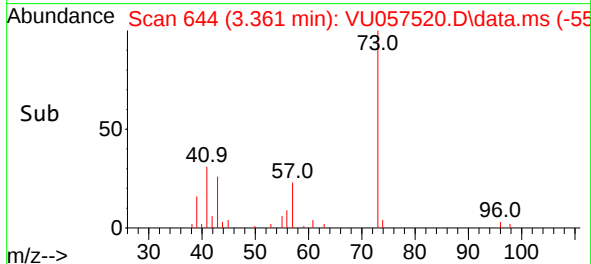
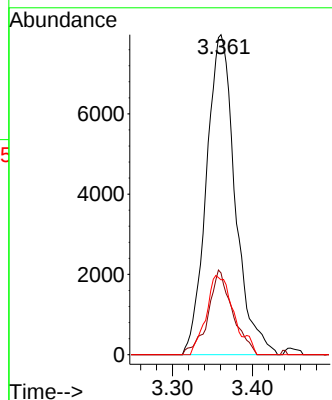
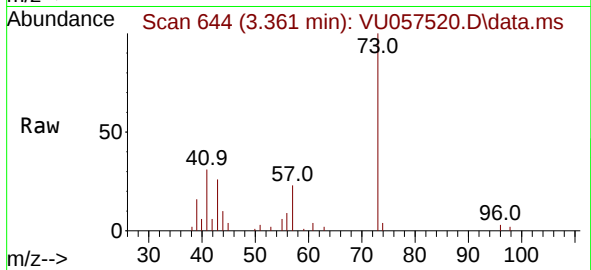




#17
Methyl tert-butyl Ether
Concen: 0.507 ug/L
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU057520.D
Acq: 15 Jan 2024 11:23

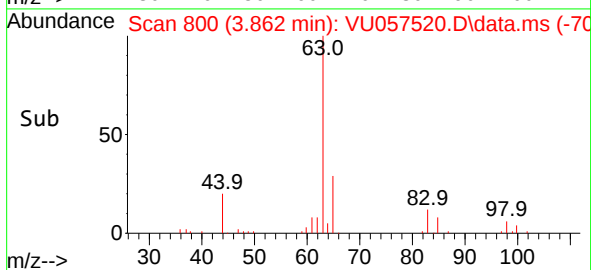
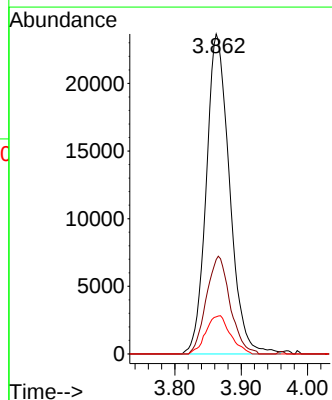
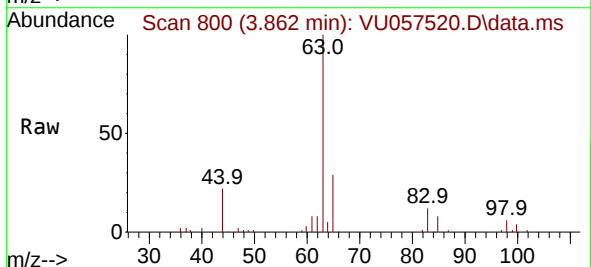
Instrument :
MSVOA_U
ClientSampleId :
BGWG4

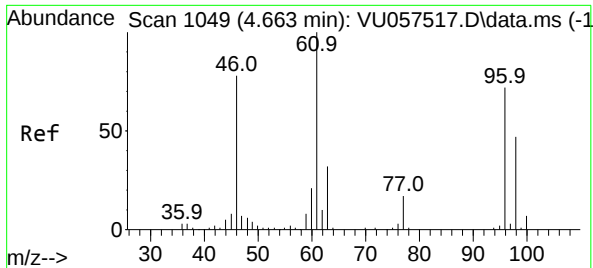
Tgt Ion: 73	Resp: 19945
Ion Ratio	Lower Upper
73	100
43	22.4 16.1 24.1
57	23.7 18.2 27.4



#19
1,1-Dichloroethane
Concen: 1.622 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU057520.D
Acq: 15 Jan 2024 11:23

Tgt Ion: 63	Resp: 57595
Ion Ratio	Lower Upper
63	100
65	29.5 22.3 41.3
83	11.6 9.1 16.9

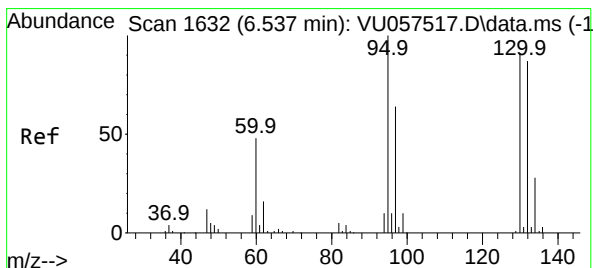
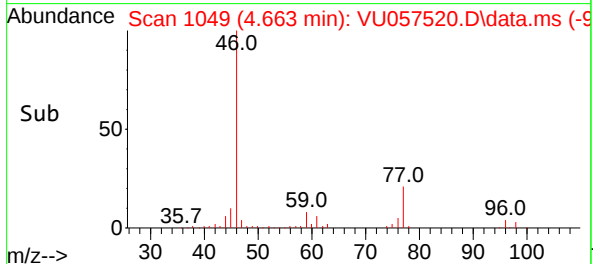
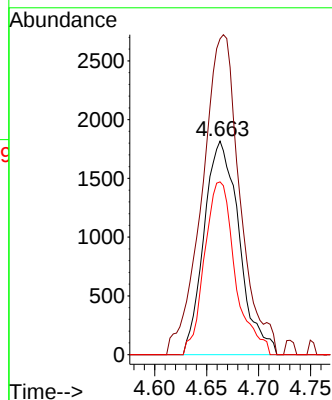
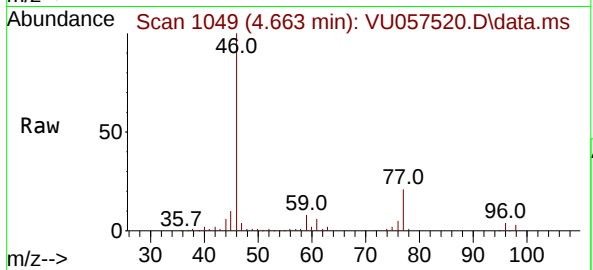




#22
cis-1,2-Dichloroethene
Concen: 0.233 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU057520.D
Acq: 15 Jan 2024 11:23

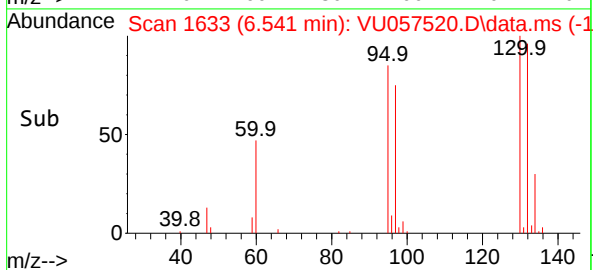
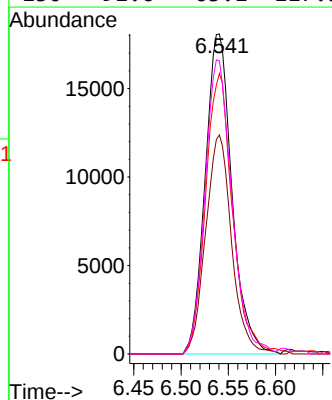
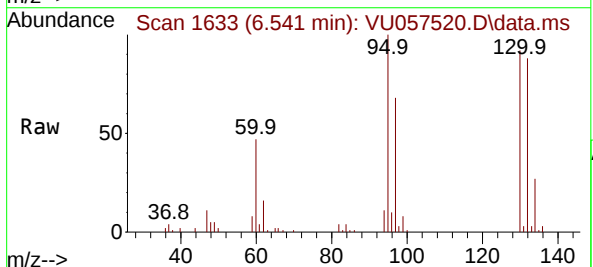
Instrument :
MSVOA_U
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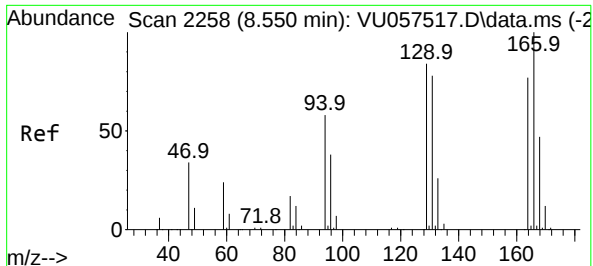
Tgt Ion: 96 Resp: 4272
Ion Ratio Lower Upper
96 100
61 139.1 93.4 173.4
98 76.1 44.9 83.3



#34
Trichloroethene
Concen: 1.863 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU057520.D
Acq: 15 Jan 2024 11:23

Tgt Ion: 95 Resp: 35612
Ion Ratio Lower Upper
95 100
97 68.5 45.0 83.6
132 87.6 61.7 114.5
130 91.6 63.1 117.3





#47
 Tetrachloroethene
 Concen: 4.063 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU057520.D
 Acq: 15 Jan 2024 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWG4

Tgt Ion:164	Resp:	51596
Ion	Ratio	Lower Upper
164	100	
129	101.9	74.8 138.8
131	93.7	70.3 130.7
166	122.7	88.3 163.9

