

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050076.D
 Acq On : 04 Aug 2022 21:23
 Operator : SY/MD
 Sample : N4022-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

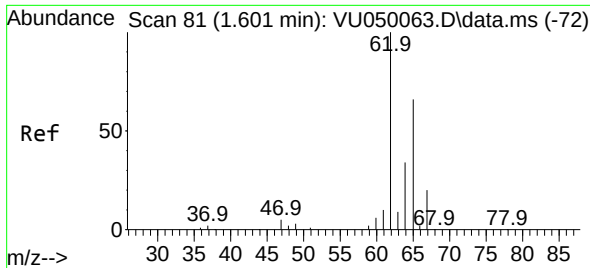
Instrument :
 MSVOA_U
 ClientSampleId :
 F5D97

Quant Time: Aug 05 04:56:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:52:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	83505	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	82880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34126	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32133	4.624	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.400%	
7) Chloroethane-d5	1.913	69	26727	4.767	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.400%	
11) 1,1-Dichloroethene-d2	2.565	65	12245	4.508	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.200%	
20) 2-Butanone-d5	4.636	46	90824	53.594	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.180%	
24) Chloroform-d	5.064	84	62968	4.871	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	5.703	65	33776	5.089	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.726	84	127174	4.917	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
36) 1,2-Dichloropropane-d6	6.690	67	43829	5.146	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.899	98	102439	4.484	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	8.179	79	14050	4.603	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.000%	
46) 2-Hexanone-d5	8.636	63	54109	49.994	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.980%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36778	4.917	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35341	5.286	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	36328	4.049	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	342	0.063	ug/L #	22
22) cis-1,2-Dichloroethene	4.668	96	18887	2.633	ug/L	94
34) Trichloroethene	6.543	95	3223	0.459	ug/L	97
35) Methylcyclohexane	6.690	83	9484	1.046	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	4121	0.533	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	4173	0.898	ug/L #	66

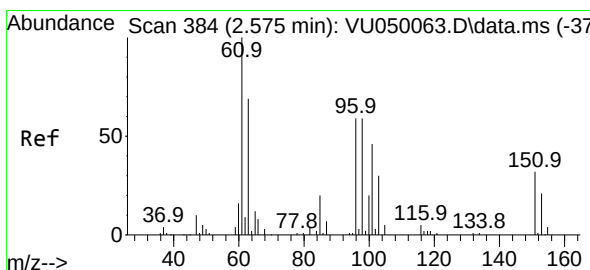
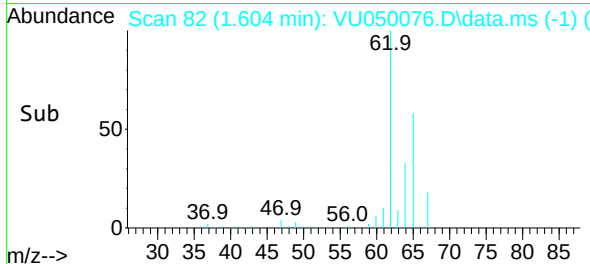
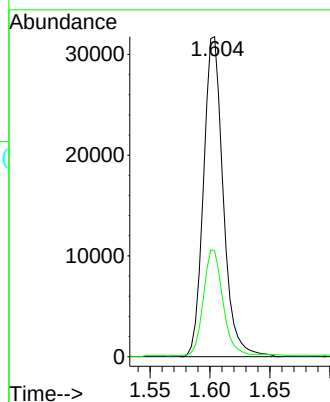
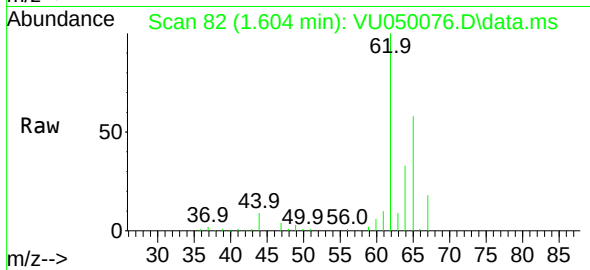
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 4.049 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050076.D
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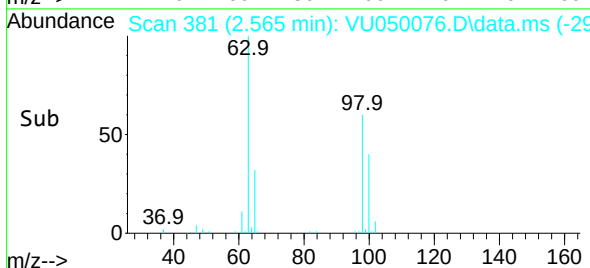
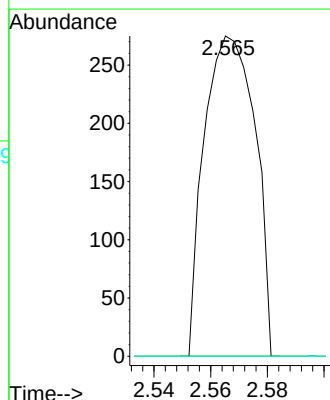
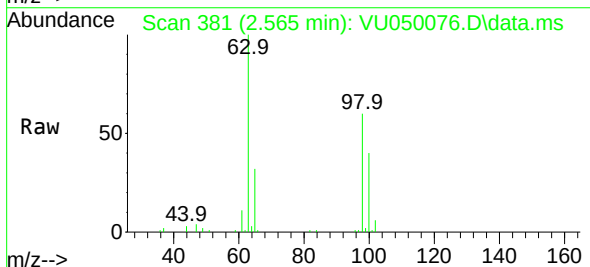
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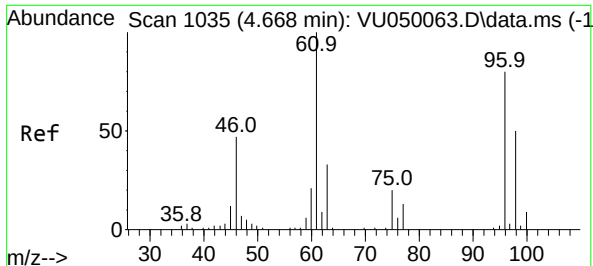
Tgt Ion: 62 Resp: 36328
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.8 42.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.063 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.010 min
 Lab File: VU050076.D
 Acq: 04 Aug 2022 21:23

Tgt Ion: 101 Resp: 342
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#

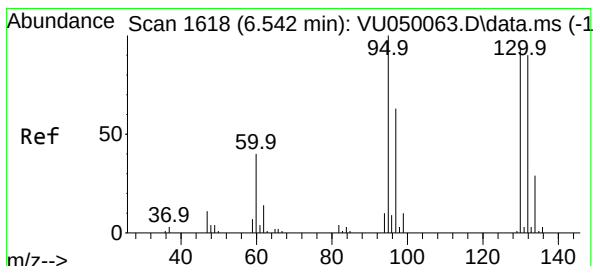
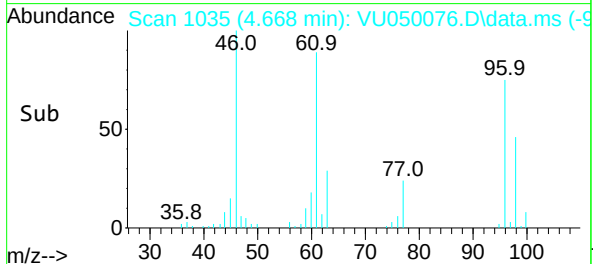
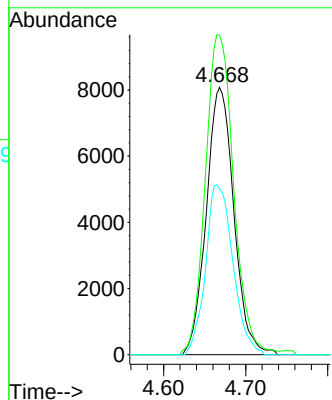
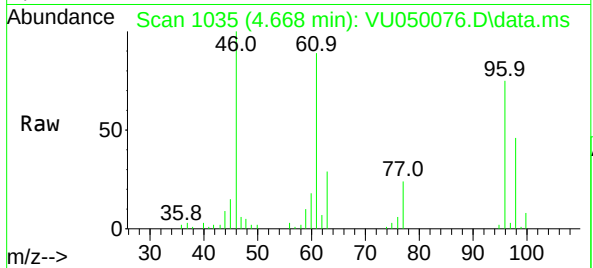




#22
cis-1,2-Dichloroethene
Concen: 2.633 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050076.D
Acq: 04 Aug 2022 21:23

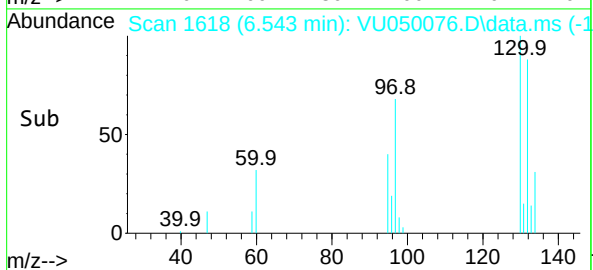
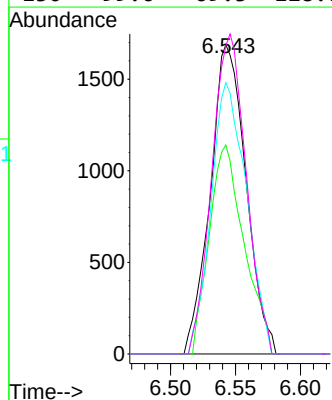
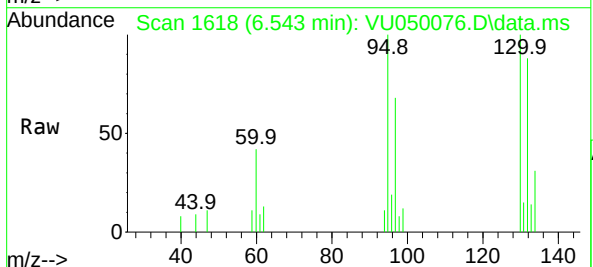
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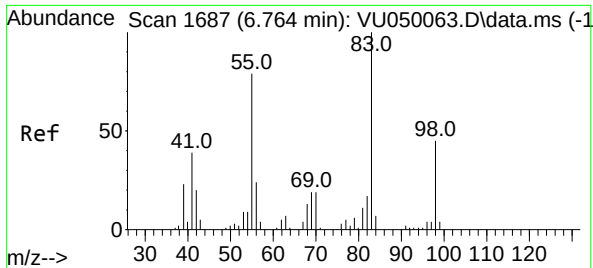
Tgt Ion: 96 Resp: 18887
Ion Ratio Lower Upper
96 100
61 119.4 89.0 165.4
98 62.1 45.2 84.0



#34
Trichloroethene
Concen: 0.459 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050076.D
Acq: 04 Aug 2022 21:23

Tgt Ion: 95 Resp: 3223
Ion Ratio Lower Upper
95 100
97 67.6 45.6 84.8
132 87.7 65.0 120.6
130 99.6 69.3 128.7

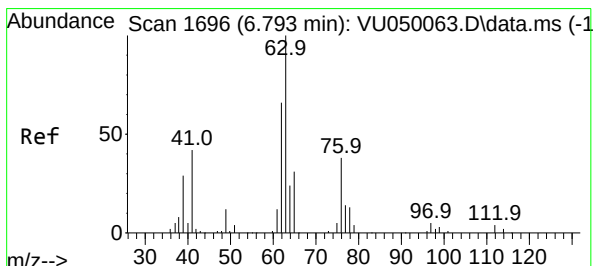
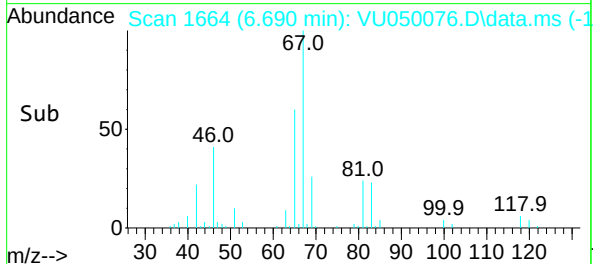
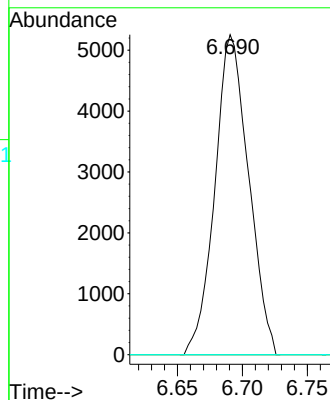
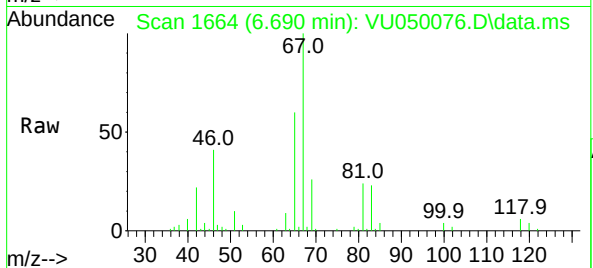




#35
Methylcyclohexane
Concen: 1.046 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050076.D
Acq: 04 Aug 2022 21:23

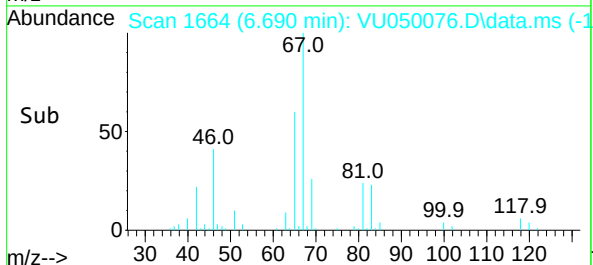
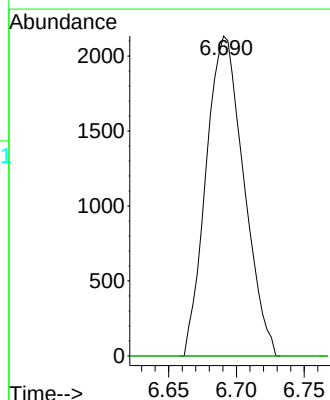
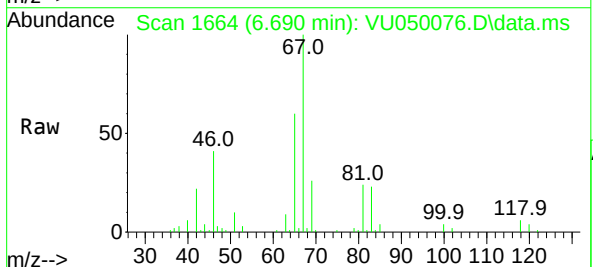
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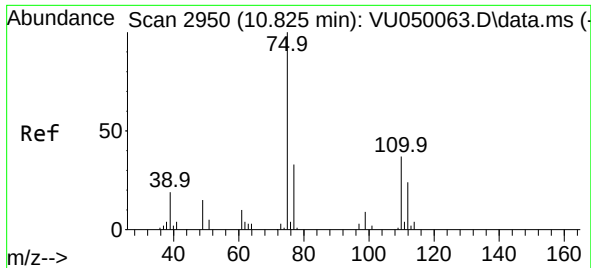
Tgt Ion: 83 Resp: 9484
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 1.8 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.533 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU050076.D
Acq: 04 Aug 2022 21:23

Tgt Ion: 63 Resp: 4121
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 0.898 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050076.D
 Acq: 04 Aug 2022 21:23

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D97

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.5	42.7#
77	29.6	25.8	38.6

