

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050232.D
 Acq On : 11 Aug 2022 15:54
 Operator : SY/MD
 Sample : N4160-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

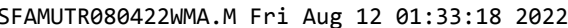
Instrument :
 MSVOA_U
 ClientSampleId :

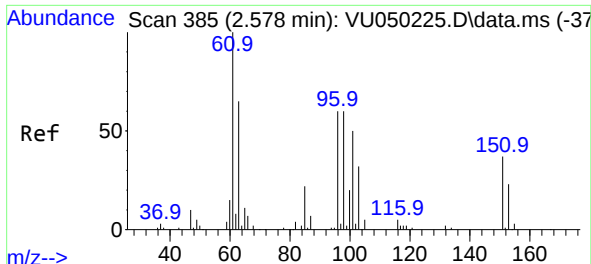
Quant Time: Aug 12 01:33:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:30:48 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84670	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	85197	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32197	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43090	6.115	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 122.400%		
7) Chloroethane-d5	1.912	69	34872	6.134	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 122.600%		
11) 1,1-Dichloroethene-d2	2.562	65	16261	5.905	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 118.000%		
20) 2-Butanone-d5	4.642	46	103623	60.305	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 120.620%		
24) Chloroform-d	5.063	84	72126	5.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.000%		
26) 1,2-Dichloroethane-d4	5.703	65	38241	5.683	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 113.600%		
32) Benzene-d6	5.729	84	143359	5.392	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.800%		
36) 1,2-Dichloropropane-d6	6.694	67	48532	5.543	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 110.800%		
41) Toluene-d8	7.899	98	116288	4.952	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.000%		
43) trans-1,3-Dichloroprop...	8.182	79	15929	5.077	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.600%		
46) 2-Hexanone-d5	8.636	63	56838	51.087	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 102.180%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40989	5.331	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	37240	5.903	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 118.000%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	420	0.076	ug/L #	22
22) cis-1,2-Dichloroethene	4.671	96	9367	1.288	ug/L	89
29) 1,1,1-Trichloroethane	5.314	97	1895	0.181	ug/L	93
34) Trichloroethene	6.543	95	34909	4.835	ug/L	98
35) Methylcyclohexane	6.690	83	10760	1.155	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4743	0.597	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	976	0.094	ug/L #	56
61) 1,2,3-Trichloropropane	11.812	75	3935	0.897	ug/L #	66

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

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Response via : Initial Calibration

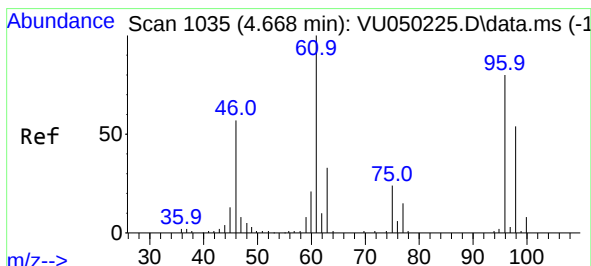
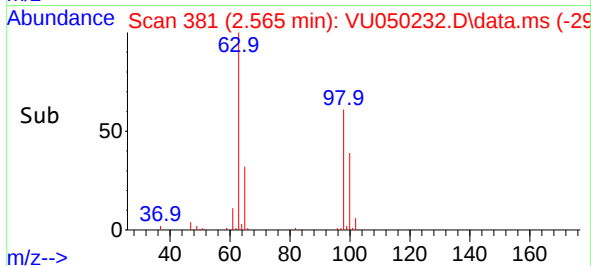
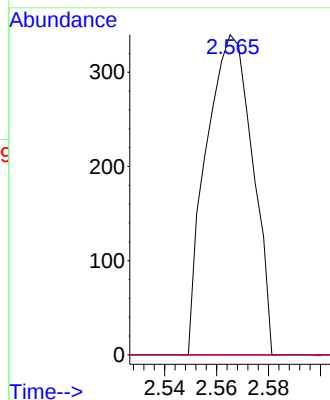
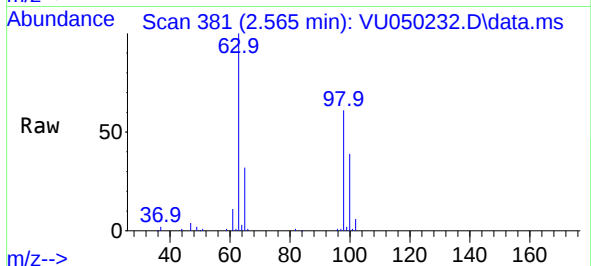




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.076 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU050232.D
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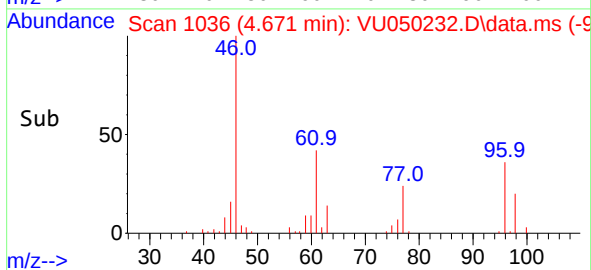
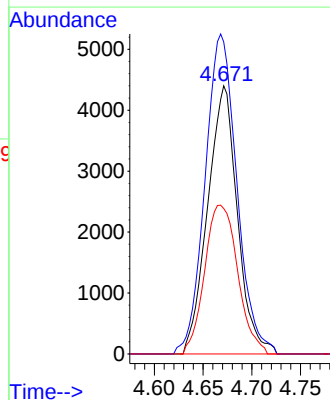
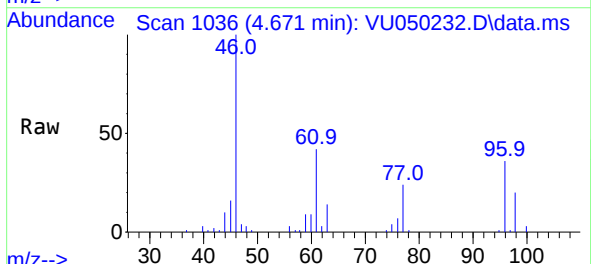
Instrument :
MSVOA_U
ClientSampleId :

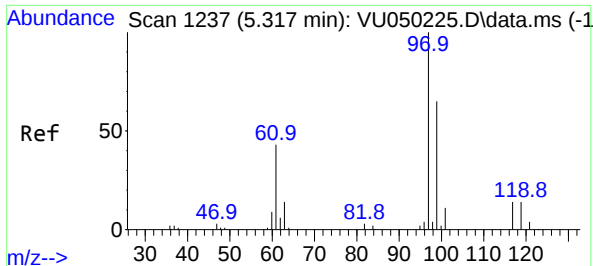
Tgt Ion:101 Resp: 420
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#



#22
cis-1,2-Dichloroethene
Concen: 1.288 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU050232.D
Acq: 11 Aug 2022 15:54

Tgt Ion: 96 Resp: 9367
Ion Ratio Lower Upper
96 100
61 116.4 89.0 165.4
98 54.2 45.2 84.0



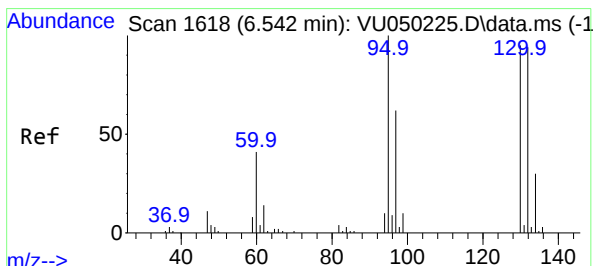
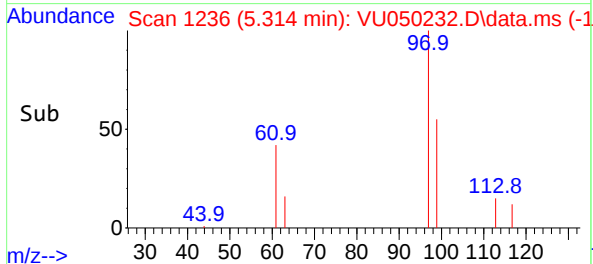
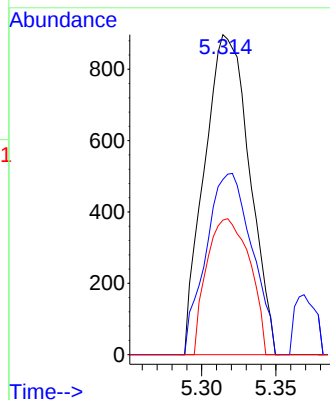
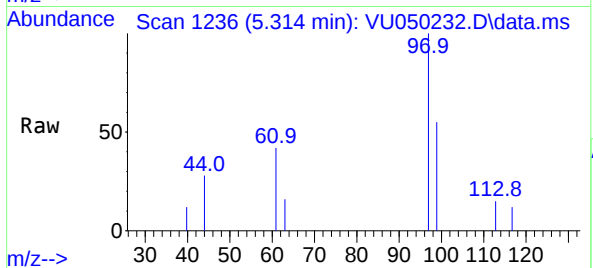


#29
1,1,1-Trichloroethane
Concen: 0.181 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050232.D
Acq: 11 Aug 2022 15:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 1895

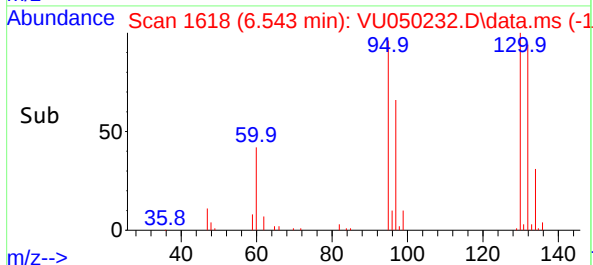
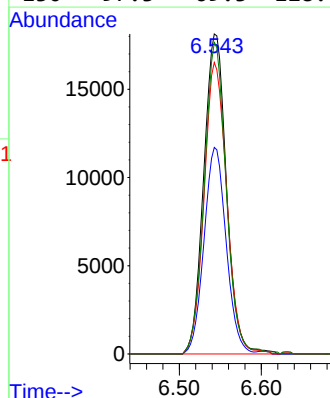
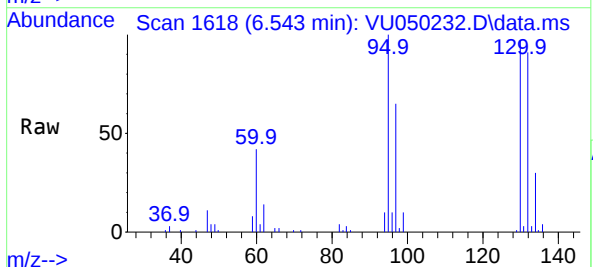
Ion	Ratio	Lower	Upper
97	100		
99	57.8	51.5	77.3
61	40.4	34.2	51.4

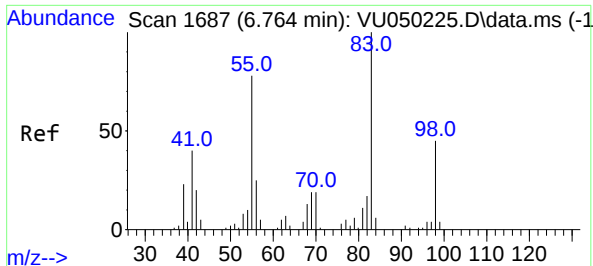


#34
Trichloroethene
Concen: 4.835 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050232.D
Acq: 11 Aug 2022 15:54

Tgt Ion: 95 Resp: 34909

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.6	84.8
132	91.1	65.0	120.6
130	97.3	69.3	128.7





#35

Methylcyclohexane

Concen: 1.155 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050232.D

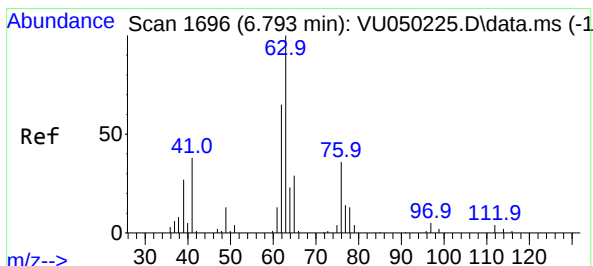
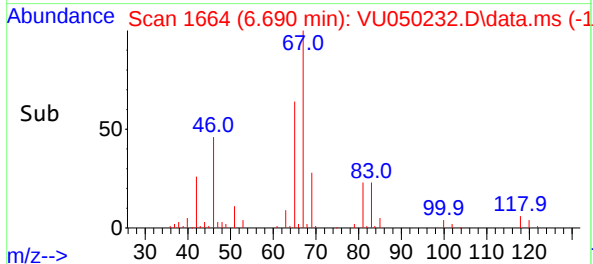
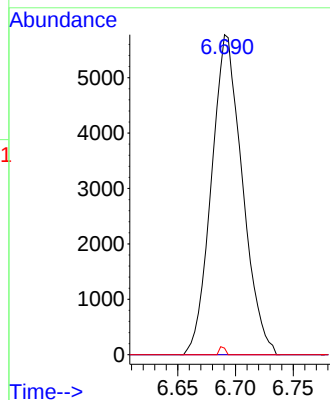
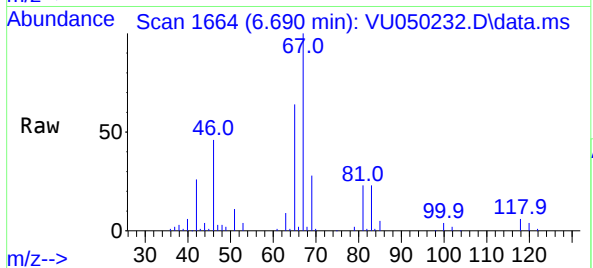
Acq: 11 Aug 2022 15:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 10760
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 0.5	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.597 ug/L

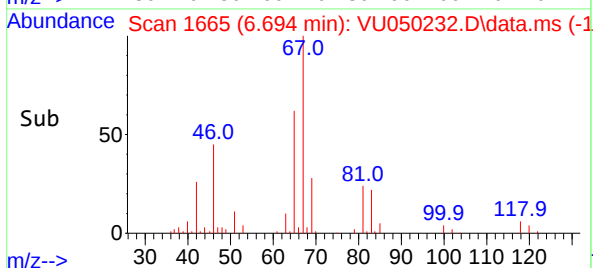
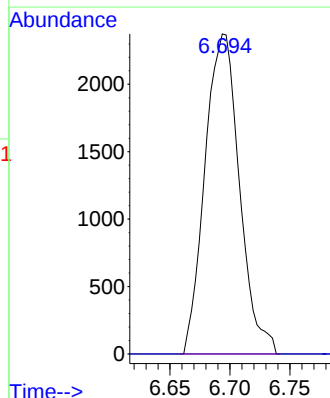
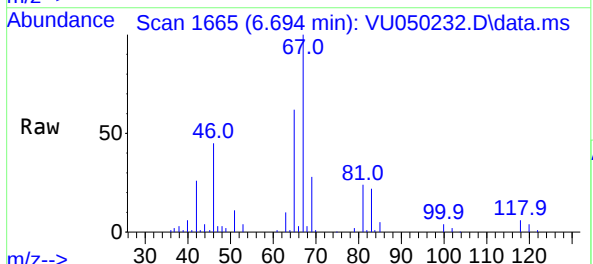
RT: 6.694 min Scan# 1665

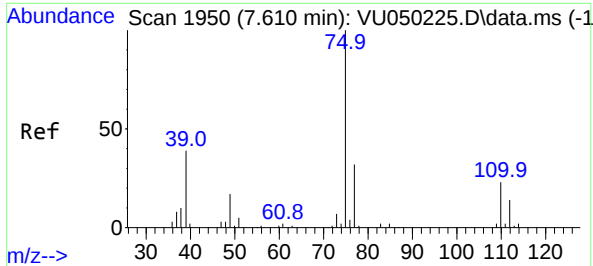
Delta R.T. -0.100 min

Lab File: VU050232.D

Acq: 11 Aug 2022 15:54

Tgt Ion: 63	Resp: 4743
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#

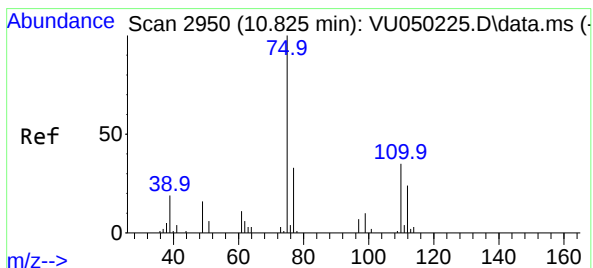
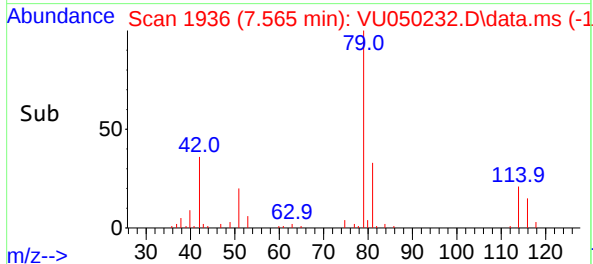
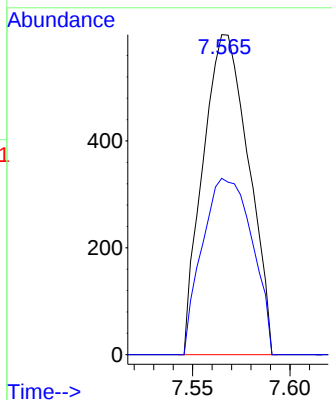
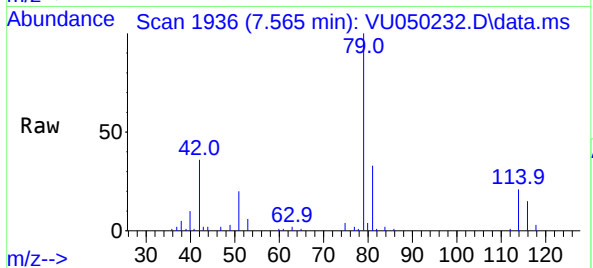




#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.565 min Scan# 1950
Delta R.T. -0.045 min
Lab File: VU050232.D
Acq: 11 Aug 2022 15:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 976
Ion Ratio Lower Upper
75 100
77 55.1 21.8 40.4#



#61
1,2,3-Trichloropropane
Concen: 0.897 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050232.D
Acq: 11 Aug 2022 15:54

Tgt Ion: 75 Resp: 3935
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 34.3 25.8 38.6

