

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU056006.D
 Acq On : 30 Oct 2023 18:49
 Operator : MD/SY
 Sample : 05113-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 05:33:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

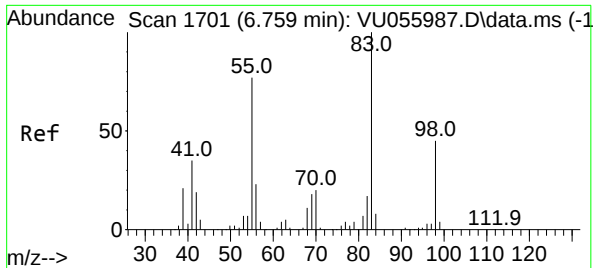
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	318408	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	319237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	145672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	88468	3.512	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.914	69	83755	4.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.567	65	39308	3.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.628	46	227769	50.689	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.380%
24) Chloroform-d	5.062	84	212814	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.698	65	102674	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.724	84	413698	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.689	67	133452	4.734	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.894	98	345247	4.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.177	79	45046	4.086	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.631	63	182724	65.287	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.580%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	100549	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	130636	4.807	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
35) Methylcyclohexane	6.689	83	31102	1.169	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	13322	0.712	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	3046	0.114	ug/L #	52
45) 1,1,2-Trichloroethane	8.544	97	3204	0.244	ug/L #	1
47) Tetrachloroethene	8.550	164	373380	27.054	ug/L	97
48) 2-Hexanone	8.685	43	21817	3.077	ug/L #	88
49) Dibromochloromethane	8.550	129	377021	26.112	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	16789	1.679	ug/L #	66

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

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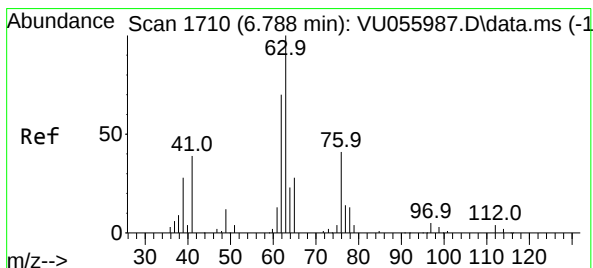
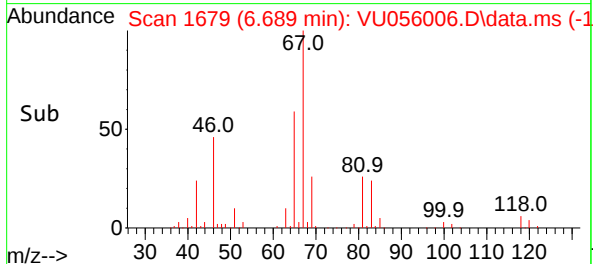
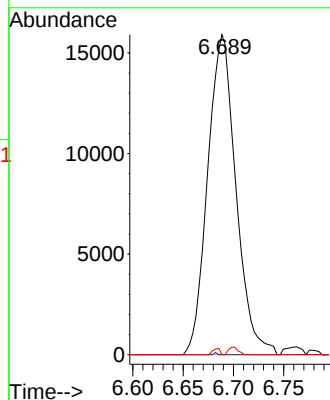
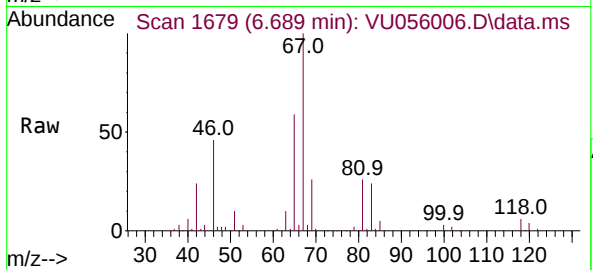




#35
Methylcyclohexane
Concen: 1.169 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU056006.D
Acq: 30 Oct 2023 18:49

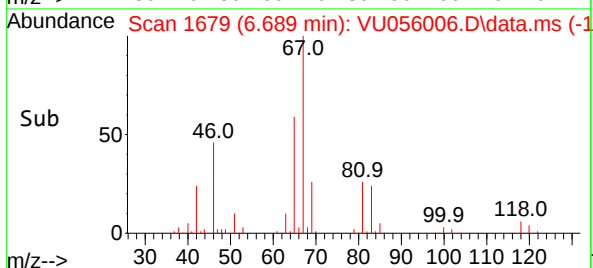
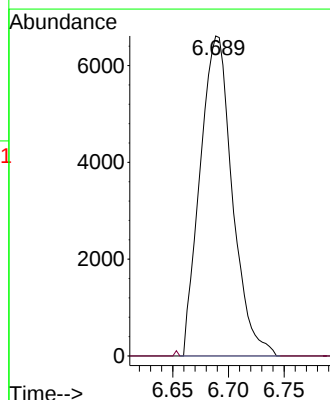
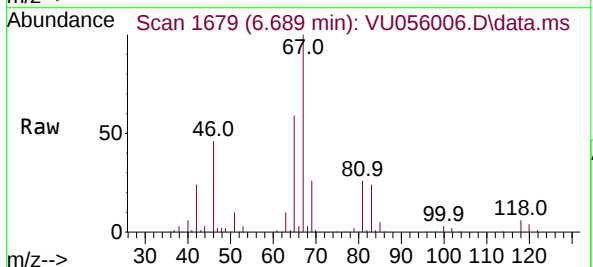
Instrument :
MSVOA_U
ClientSampleId :

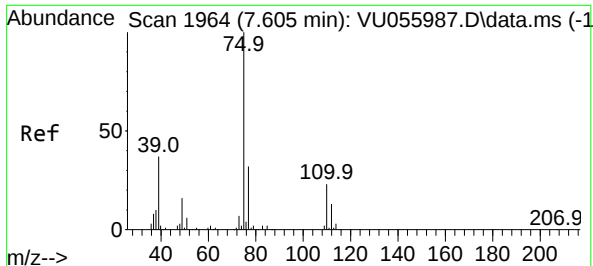
Tgt Ion: 83 Resp: 31102
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 0.5 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.712 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU056006.D
Acq: 30 Oct 2023 18:49

Tgt Ion: 63 Resp: 13322
Ion Ratio Lower Upper
63 100
112 0.2 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU056006.D

Acq: 30 Oct 2023 18:49

Instrument :

MSVOA_U

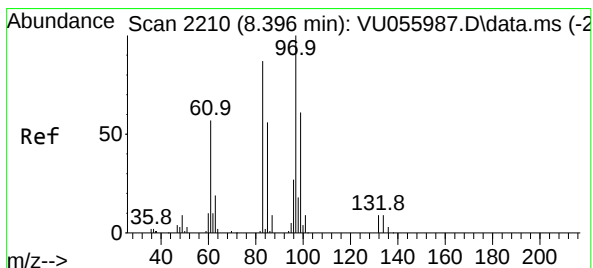
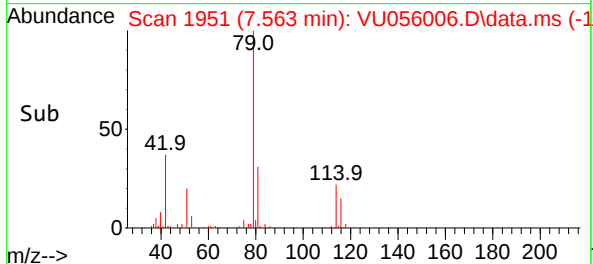
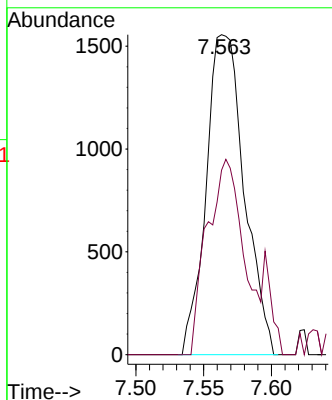
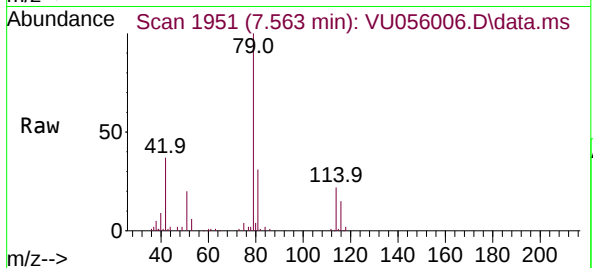
ClientSampleId :

Tgt Ion: 75 Resp: 3046

Ion Ratio Lower Upper

75 100

77 57.6 21.7 40.3#



#45

1,1,2-Trichloroethane

Concen: 0.244 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.148 min

Lab File: VU056006.D

Acq: 30 Oct 2023 18:49

Tgt Ion: 97 Resp: 3204

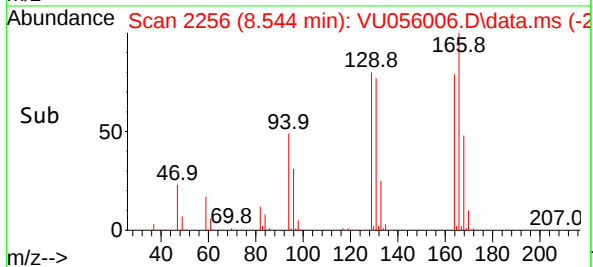
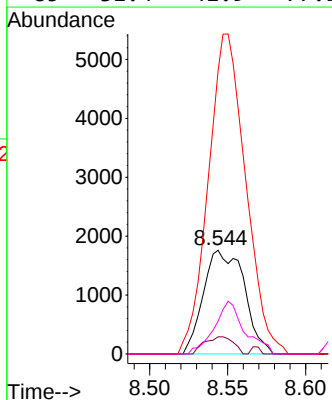
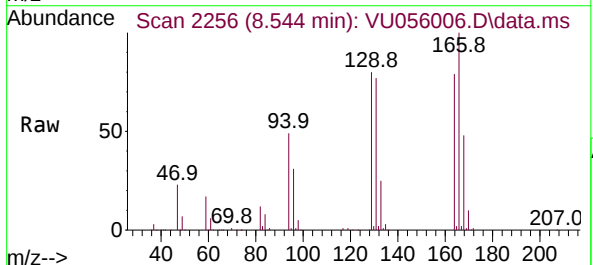
Ion Ratio Lower Upper

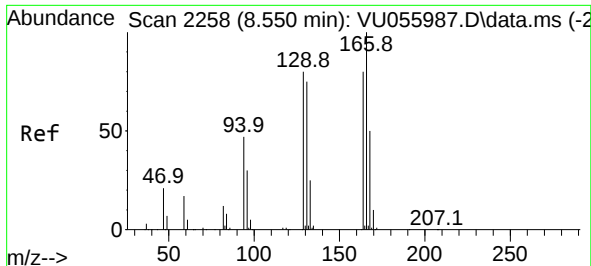
97 100

99 16.5 45.3 84.1#

83 272.7 61.9 115.1#

85 31.4 41.9 77.9#

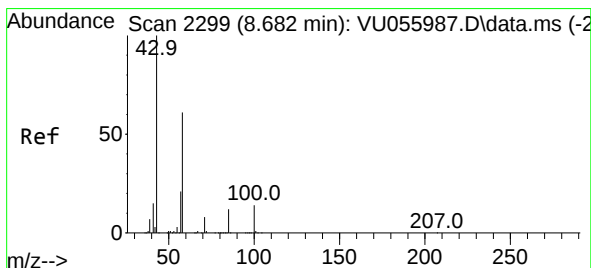
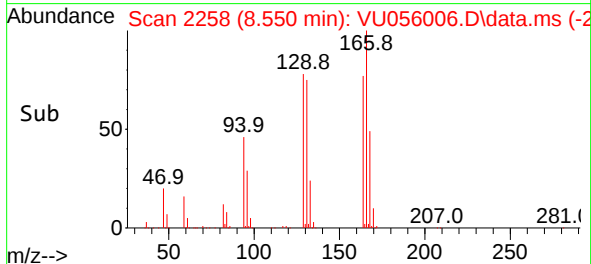
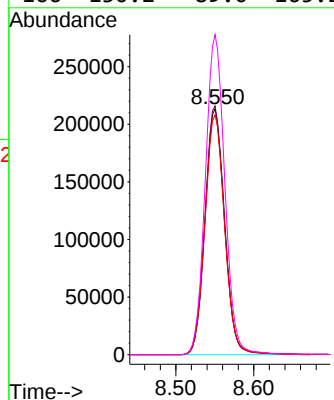
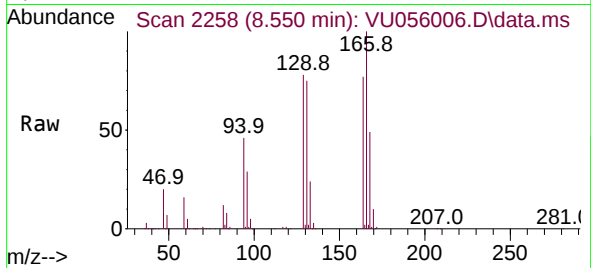




#47
Tetrachloroethene
Concen: 27.054 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056006.D
Acq: 30 Oct 2023 18:49

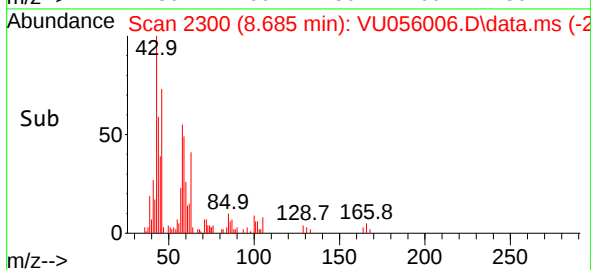
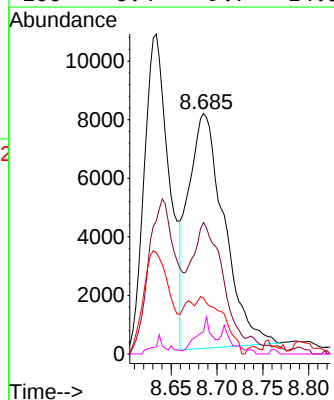
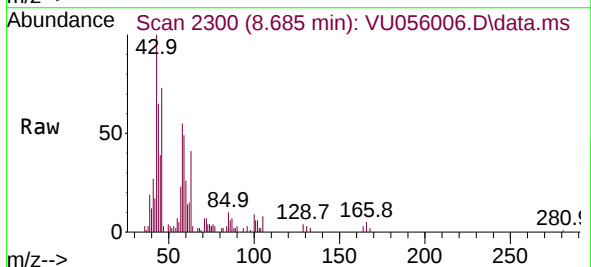
Instrument :
MSVOA_U
ClientSampleId :

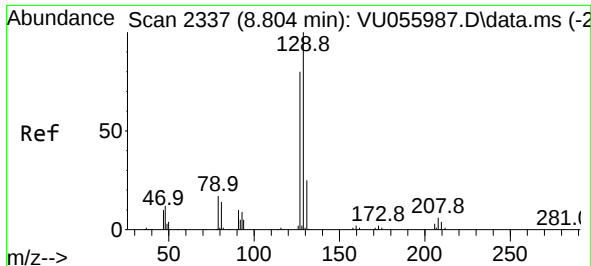
Tgt Ion:164 Resp: 373380
Ion Ratio Lower Upper
164 100
129 101.2 72.2 134.0
131 97.6 70.8 131.6
166 130.2 89.0 165.2



#48
2-Hexanone
Concen: 3.077 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU056006.D
Acq: 30 Oct 2023 18:49

Tgt Ion: 43 Resp: 21817
Ion Ratio Lower Upper
43 100
58 52.4 49.5 74.3
57 17.6 16.9 25.3
100 6.4 9.7 14.5#

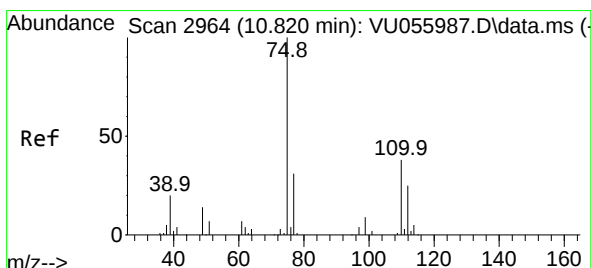
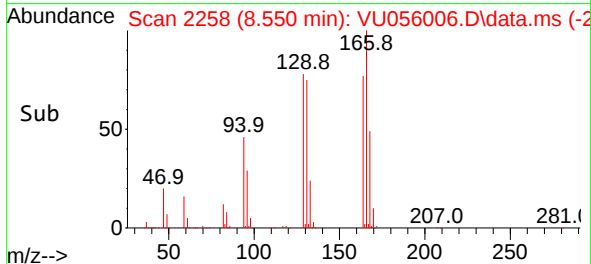
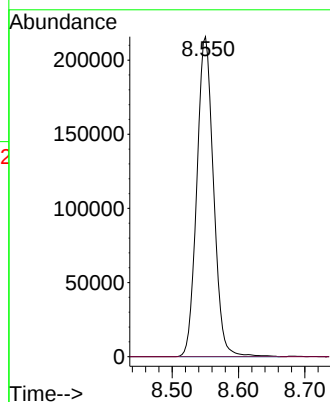
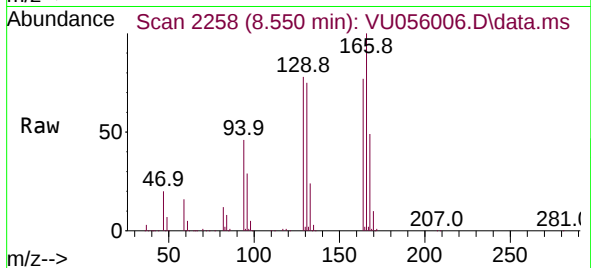




#49
Dibromochloromethane
Concen: 26.112 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056006.D
Acq: 30 Oct 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 377021
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.679 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU056006.D
Acq: 30 Oct 2023 18:49

Tgt Ion: 75 Resp: 16789
Ion Ratio Lower Upper
75 100
110 1.8 29.0 43.6#
77 33.5 24.5 36.7

