

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056811.D
 Acq On : 13 Dec 2023 02:36
 Operator : MD/SY
 Sample : 05675-18DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

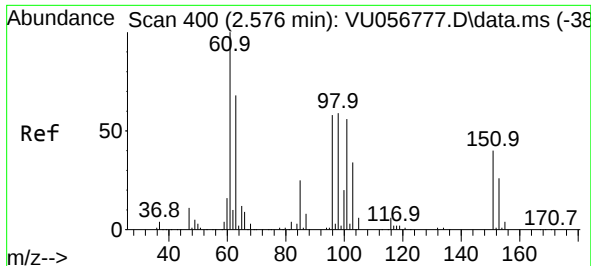
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC1DL

Quant Time: Dec 13 05:00:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	224711	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	224156	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93130	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	80431	4.176	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.907	69	76811	5.329	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.600%	
11) 1,1-Dichloroethene-d2	2.563	65	33086	4.015	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.200%	
20) 2-Butanone-d5	4.615	46	208010	54.684	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.360%	
24) Chloroform-d	5.055	84	191496	5.250	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.000%	
26) 1,2-Dichloroethane-d4	5.695	65	98067	5.682	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.600%	
32) Benzene-d6	5.721	84	364336	5.240	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.800%	
36) 1,2-Dichloropropane-d6	6.685	67	118104	5.427	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.600%	
41) Toluene-d8	7.894	98	295177	4.750	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	8.177	79	41739	4.946	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.000%	
46) 2-Hexanone-d5	8.627	63	166880	52.429	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.860%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	87592	5.563	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	108686	5.937	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.800%	
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	4602	0.252	ug/L #	1
34) Trichloroethene	6.537	95	39501	1.828	ug/L	95
35) Methylcyclohexane	6.685	83	26833	0.841	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	12151	0.603	ug/L #	89
47) Tetrachloroethene	8.547	164	93489	6.182	ug/L	95
48) 2-Hexanone	8.679	43	7126	1.046	ug/L #	39
49) Dibromochloromethane	8.547	129	95684	6.110	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	12771	1.277	ug/L #	69

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



#12

1,1-Dichloroethene

Concen: 0.252 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

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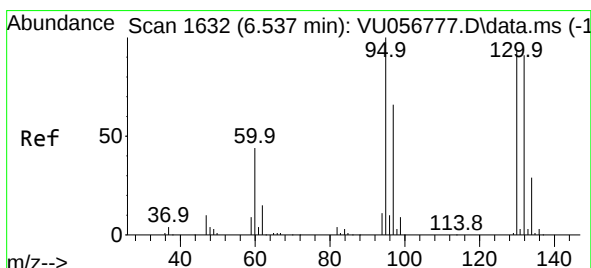
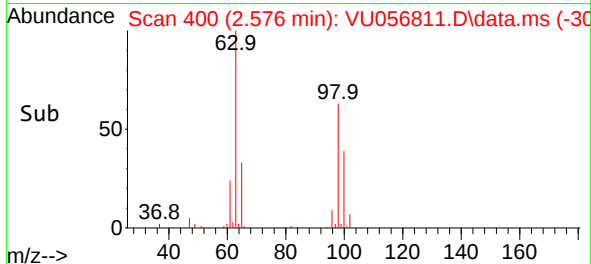
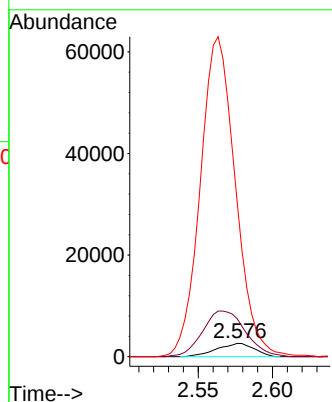
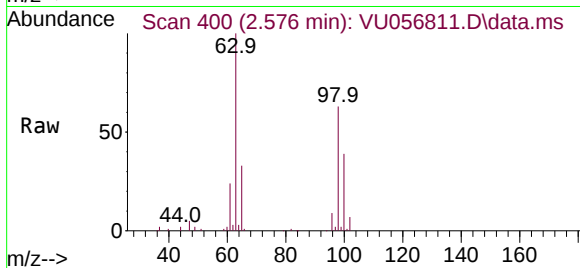
Tgt Ion: 96 Resp: 4602

Ion Ratio Lower Upper

96 100

61 284.8 119.0 221.0#

63 1163.3 88.7 164.7#



#34

Trichloroethene

Concen: 1.828 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU056811.D

Acq: 13 Dec 2023 02:36

Tgt Ion: 95 Resp: 39501

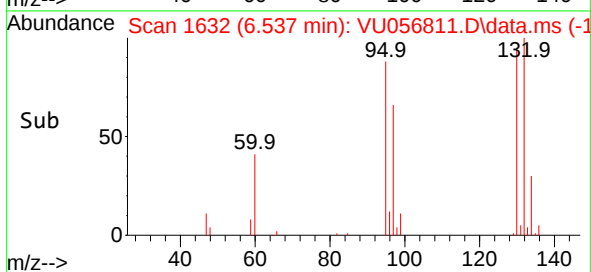
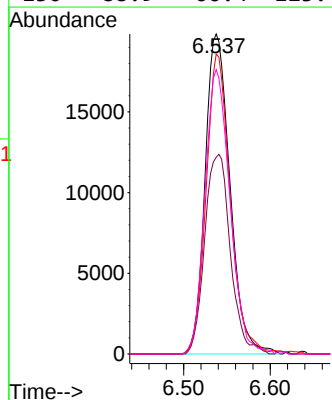
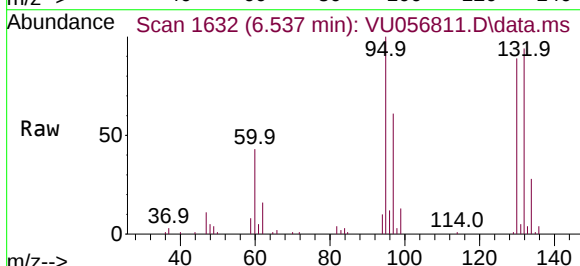
Ion Ratio Lower Upper

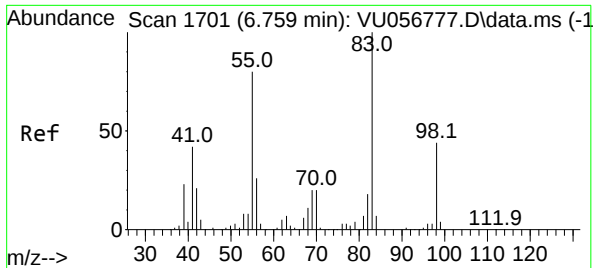
95 100

97 61.4 46.1 85.5

132 93.7 63.6 118.0

130 88.9 66.4 123.4

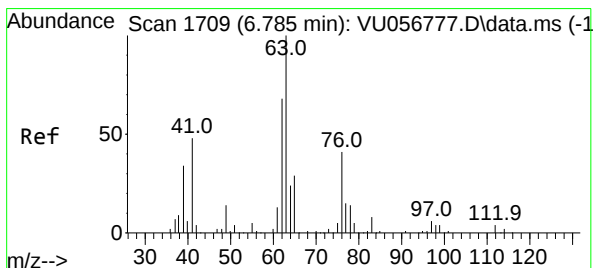
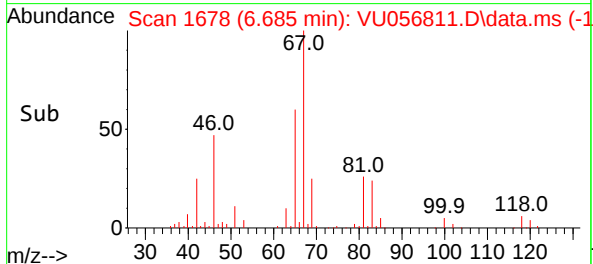
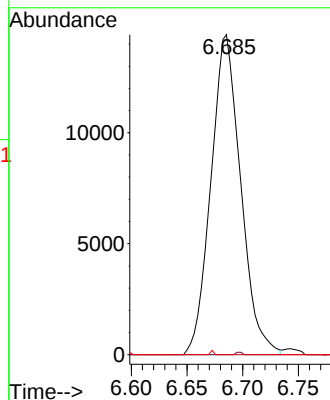
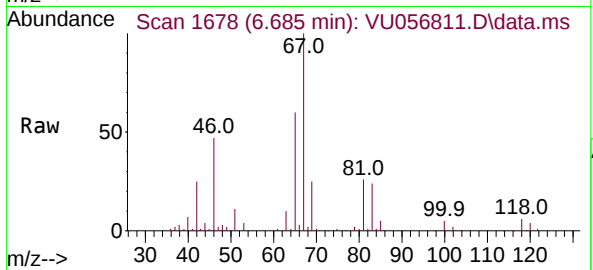




#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056811.D
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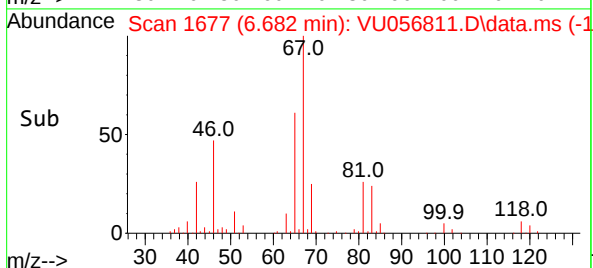
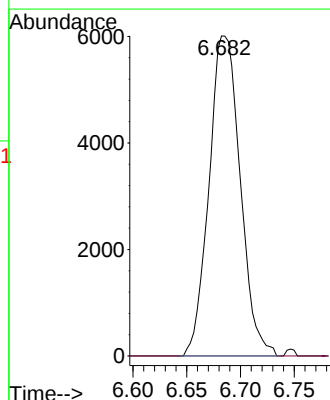
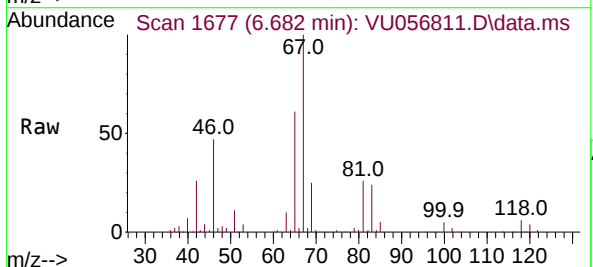
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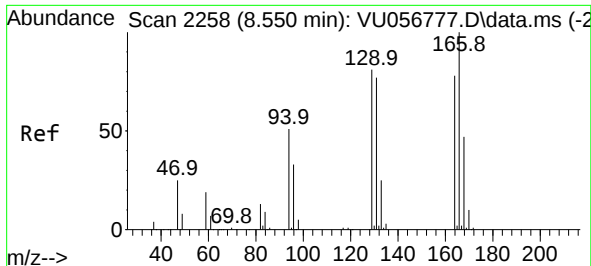
Tgt Ion: 83 Resp: 26833
Ion Ratio Lower Upper
83 100
55 0.2 64.6 97.0#
98 0.0 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.603 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU056811.D
Acq: 13 Dec 2023 02:36

Tgt Ion: 63 Resp: 12151
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#

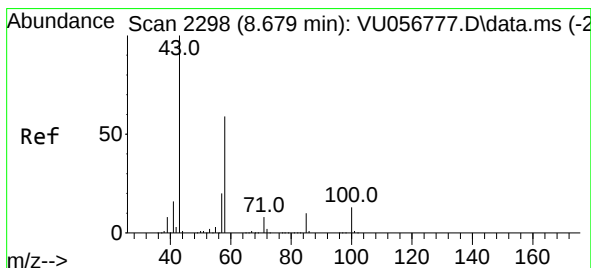
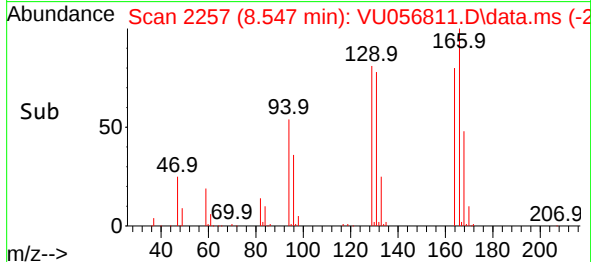
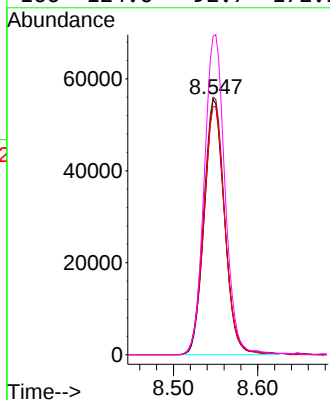
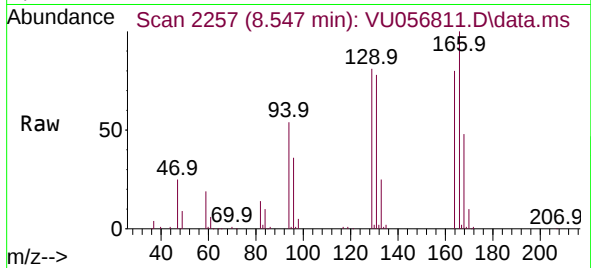




#47
Tetrachloroethene
Concen: 6.182 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056811.D
Acq: 13 Dec 2023 02:36

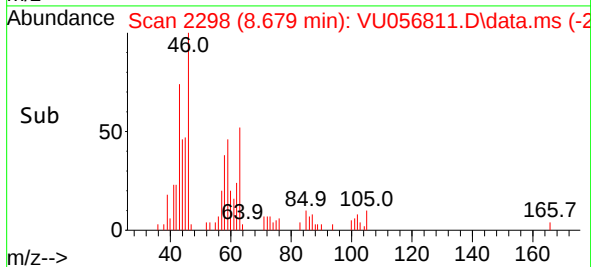
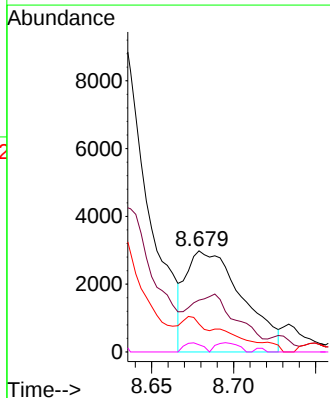
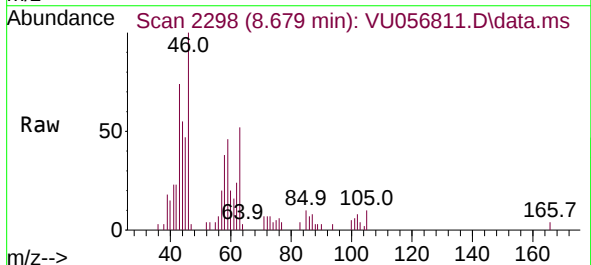
Instrument :
MSVOA_U
ClientSampleId :
H0AC1DL

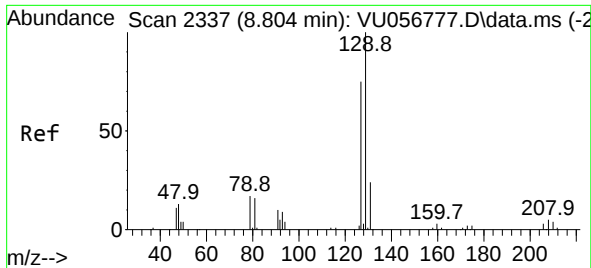
Tgt Ion:164	Resp:	93489
Ion	Ratio	Lower Upper
164	100	
129	100.8	73.4 136.4
131	97.2	71.5 132.9
166	124.6	92.7 172.1



#48
2-Hexanone
Concen: 1.046 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU056811.D
Acq: 13 Dec 2023 02:36

Tgt Ion: 43	Resp:	7126
Ion	Ratio	Lower Upper
43	100	
58	0.0	47.5 71.3#
57	5.5	17.0 25.4#
100	2.9	9.8 14.8#

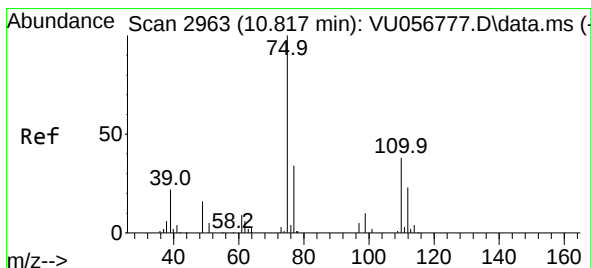
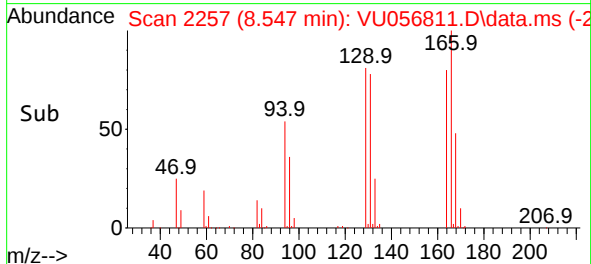
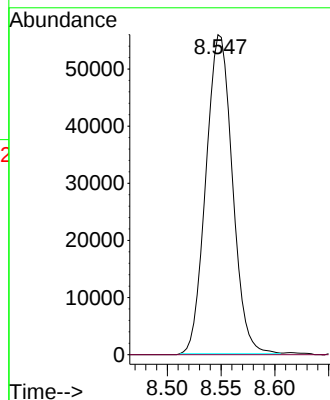
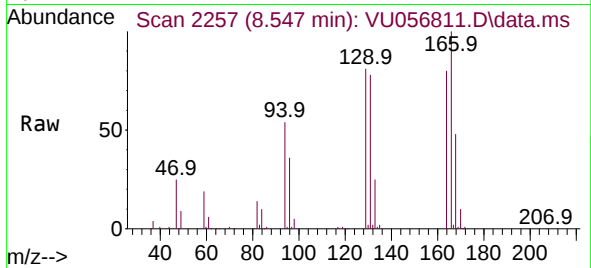




#49
Dibromochloromethane
Concen: 6.110 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056811.D
Acq: 13 Dec 2023 02:36

Instrument :
MSVOA_U
ClientSampleId :
H0AC1DL

Tgt Ion:129 Resp: 95684
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.277 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU056811.D
Acq: 13 Dec 2023 02:36

Tgt Ion: 75 Resp: 12771
Ion Ratio Lower Upper
75 100
110 2.4 28.4 42.6#
77 31.3 26.3 39.5

