

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050123\
 Data File : VU054018.D
 Acq On : 01 May 2023 11:43
 Operator : JC/MD
 Sample : 02565-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AX5

Quant Time: May 02 05:31:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 02 05:29:54 2023
 Response via : Initial Calibration

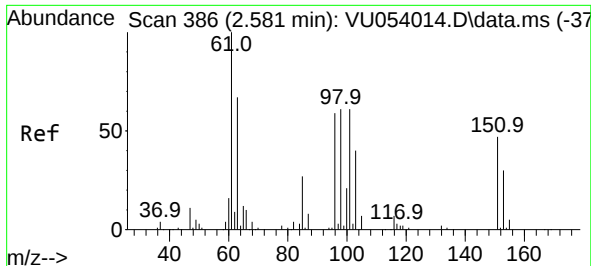
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	232390	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	218645	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	109482	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84488	48.070	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.140%			
7) Chloroethane-d5	1.909	69	58131	50.386	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.780%			
11) 1,1-Dichloroethene-d2	2.562	63	120882	38.777	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.560%			
21) 2-Butanone-d5	4.620	46	115899	115.619	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.620%			
24) Chloroform-d	5.057	84	164675	51.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.020%			
26) 1,2-Dichloroethane-d4	5.693	65	110069	53.107	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.220%			
32) Benzene-d6	5.722	84	332547	51.671	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.340%			
36) 1,2-Dichloropropane-d6	6.684	67	108201	53.256	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.520%			
41) Toluene-d8	7.893	98	297709	51.237	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.480%			
43) trans-1,3-Dichloroprop...	8.172	79	50649	50.374	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.740%			
47) 2-Hexanone-d5	8.629	63	74231	102.006	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.010%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	141006	52.689	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.380%			
66) 1,2-Dichlorobenzene-d4	12.188	152	116881	54.649	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.300%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1123	0.722	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	1057	0.784	ug/L #	1
37) 1,2-Dichloropropane	6.681	63	11804	6.556	ug/L #	87
39) cis-1,3-Dichloropropene	7.562	75	3202	1.137	ug/L #	68
44) trans-1,3-Dichloropropene	8.172	75	2144	0.801	ug/L	91
46) Tetrachloroethene	8.552	164	1765	1.317	ug/L	90
49) Dibromochloromethane	8.545	129	1438	0.837	ug/L #	12
60) 1,2,3-Trichloropropane	11.806	75	11812	5.808	ug/L #	65

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

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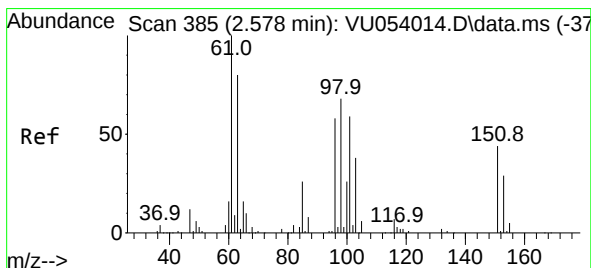
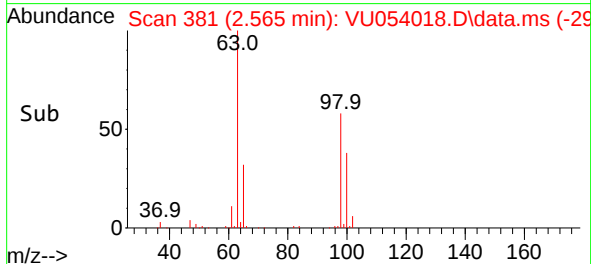
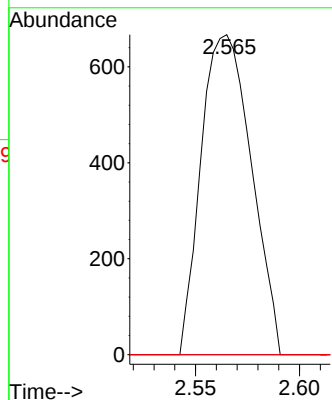
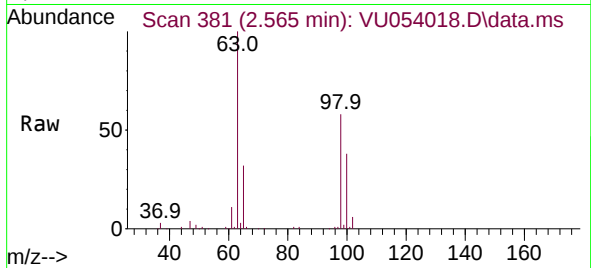




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.722 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU054018.D
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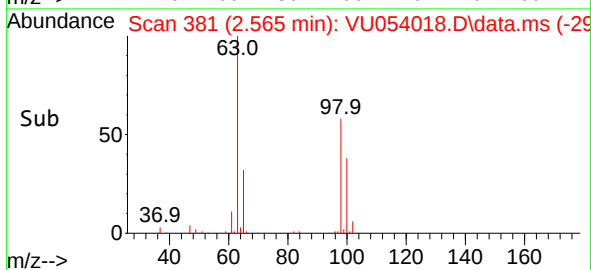
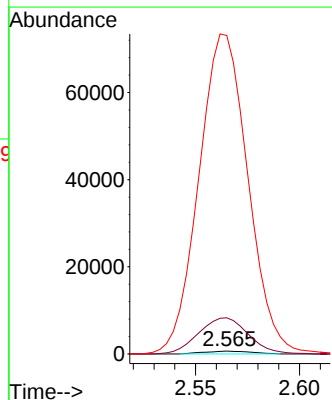
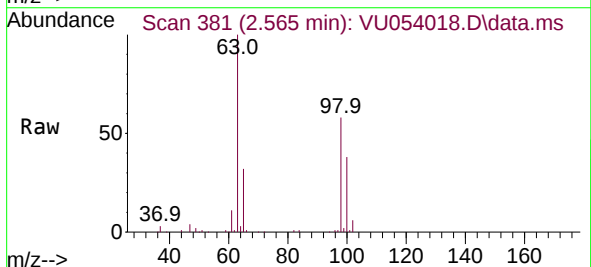
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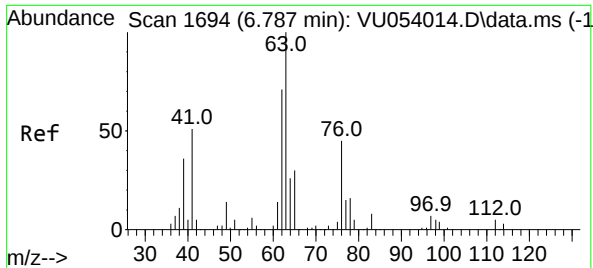
Tgt Ion:101 Resp: 1123
Ion Ratio Lower Upper
101 100
85 0.0 34.3 51.5#
151 0.0 60.3 90.5#



#12
1,1-Dichloroethene
Concen: 0.784 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU054018.D
Acq: 01 May 2023 11:43

Tgt Ion: 96 Resp: 1057
Ion Ratio Lower Upper
96 100
61 1278.5 118.3 219.7#
63 11249.2 92.3 171.5#

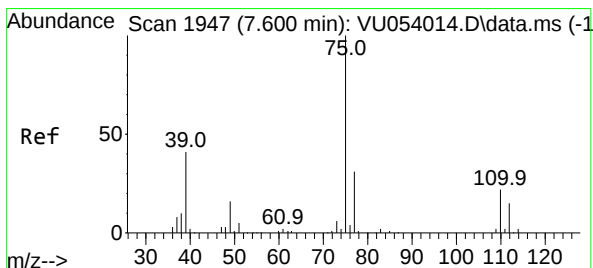
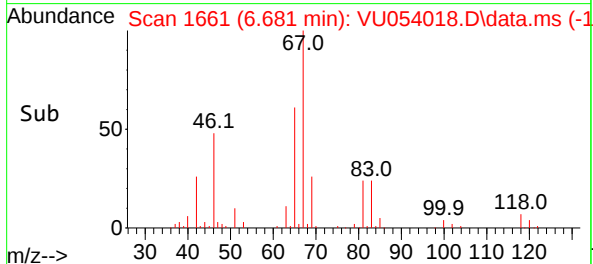
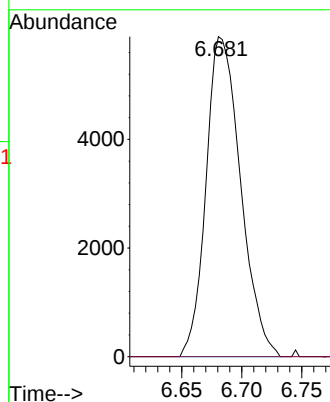
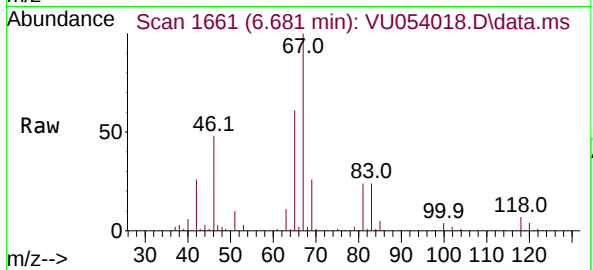




#37
1,2-Dichloropropane
Concen: 6.556 ug/L
RT: 6.681 min Scan# 11
Delta R.T. -0.106 min
Lab File: VU054018.D
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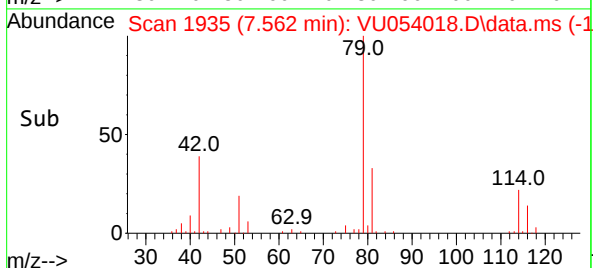
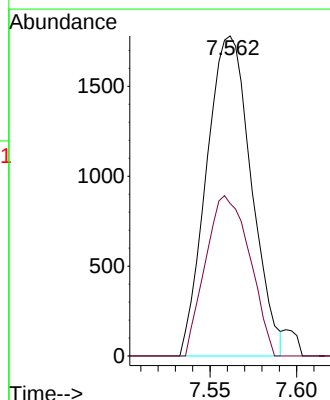
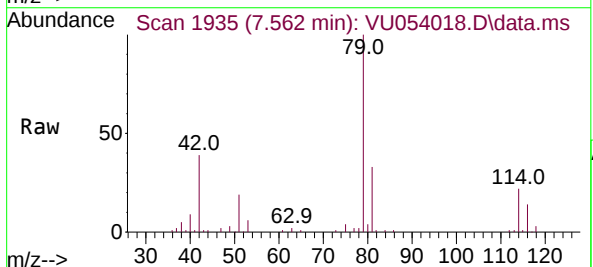
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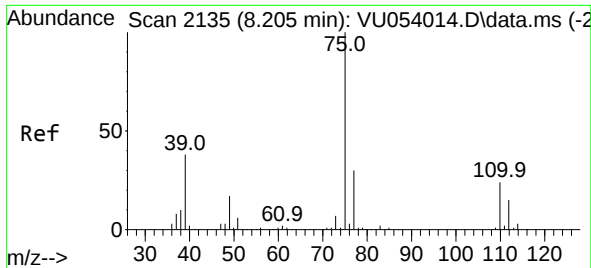
Tgt Ion: 63 Resp: 11804
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 1.137 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.039 min
Lab File: VU054018.D
Acq: 01 May 2023 11:43

Tgt Ion: 75 Resp: 3202
Ion Ratio Lower Upper
75 100
77 47.6 21.1 39.1#

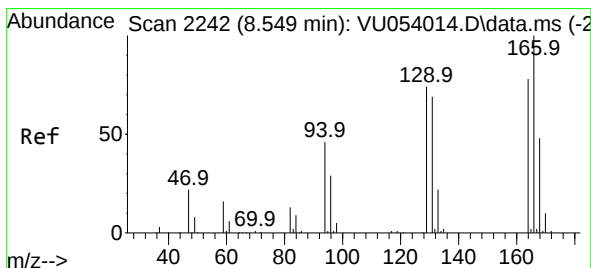
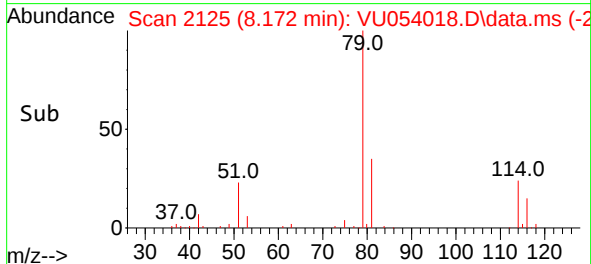
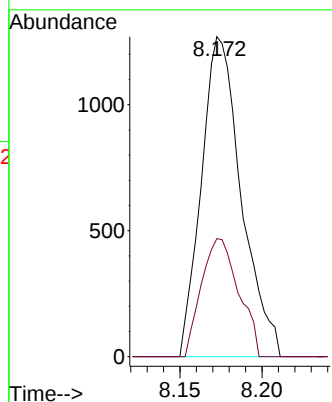
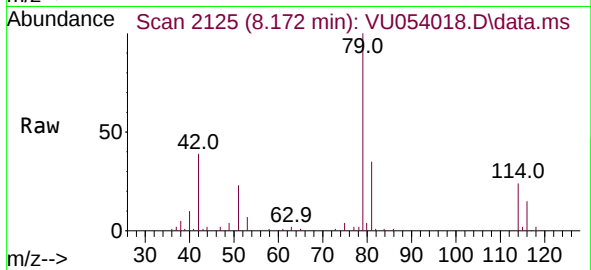




#44
trans-1,3-Dichloropropene
Concen: 0.801 ug/L
RT: 8.172 min Scan# 2135
Delta R.T. -0.032 min
Lab File: VU054018.D
Acq: 01 May 2023 11:43

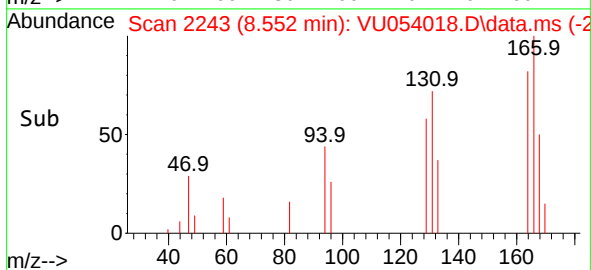
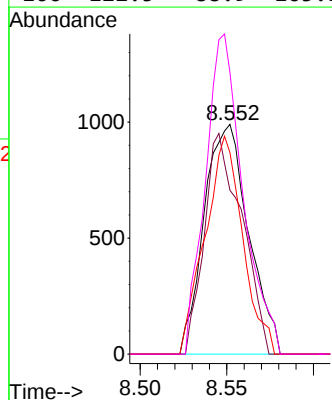
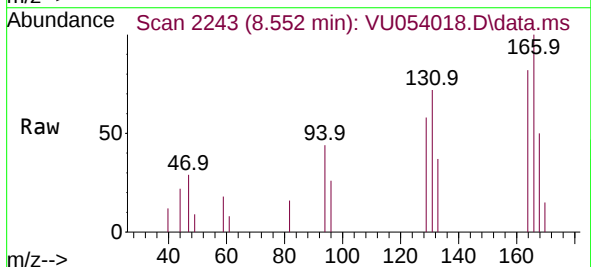
Instrument :
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ClientSampleId :
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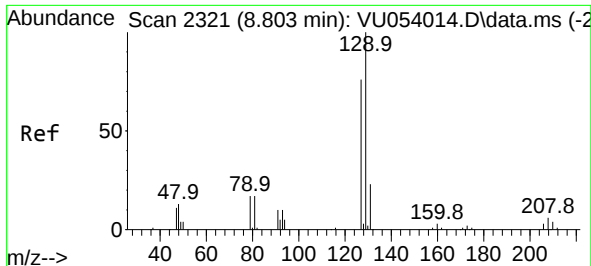
Tgt Ion: 75 Resp: 2144
Ion Ratio Lower Upper
75 100
77 36.9 22.5 41.7



#46
Tetrachloroethene
Concen: 1.317 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU054018.D
Acq: 01 May 2023 11:43

Tgt Ion: 164 Resp: 1765
Ion Ratio Lower Upper
164 100
129 71.3 65.6 121.8
131 87.7 63.8 118.4
166 122.5 88.9 165.1





#49

Dibromochloromethane

Concen: 0.837 ug/L

RT: 8.545 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU054018.D

Acq: 01 May 2023 11:43

Instrument :

MSVOA_U

ClientSampleId :

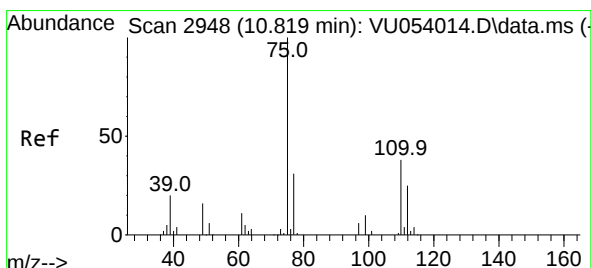
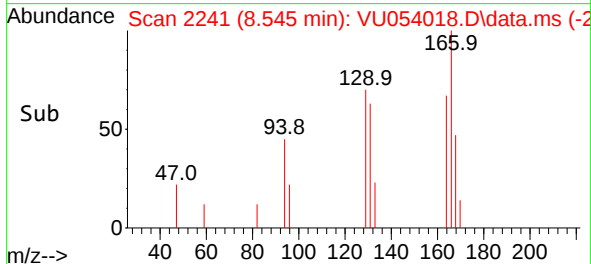
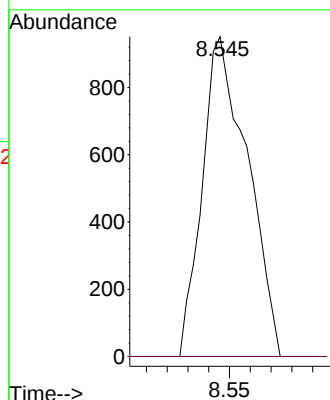
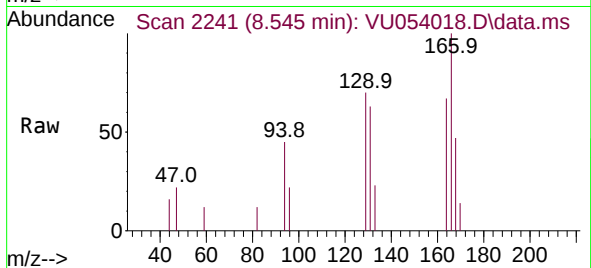
C0AX5

Tgt Ion:129 Resp: 1438

Ion Ratio Lower Upper

129 100

127 0.0 52.9 98.3#



#60

1,2,3-Trichloropropane

Concen: 5.808 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU054018.D

Acq: 01 May 2023 11:43

Tgt Ion: 75 Resp: 11812

Ion Ratio Lower Upper

75 100

77 32.3 26.0 39.0

110 1.3 31.8 47.8#

