

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112822\
 Data File : VU052146.D
 Acq On : 28 Nov 2022 14:35
 Operator : JC/MD
 Sample : N5785-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL73

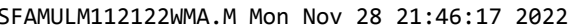
Quant Time: Nov 28 21:46:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 28 21:44:47 2022
 Response via : Initial Calibration

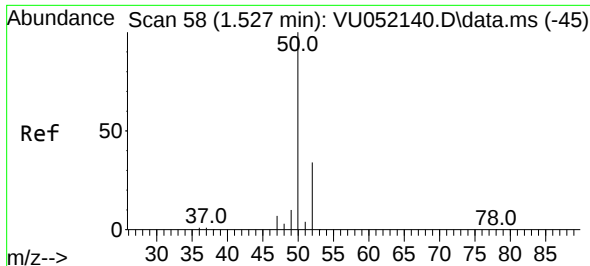
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	419190	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	410182	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	153369	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	169867	46.762	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.520%		
7) Chloroethane-d5	1.903	69	140831	48.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.900%		
11) 1,1-Dichloroethene-d2	2.562	63	196815	36.552	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.100%		
21) 2-Butanone-d5	4.617	46	228354	104.610	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.610%		
24) Chloroform-d	5.060	84	279366	46.939	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.880%		
26) 1,2-Dichloroethane-d4	5.697	65	175008	48.890	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.780%		
32) Benzene-d6	5.723	84	589052	48.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.360%		
36) 1,2-Dichloropropane-d6	6.687	67	192300	48.959	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.920%		
41) Toluene-d8	7.896	98	480082	43.949	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.900%		
43) trans-1,3-Dichloroprop...	8.176	79	74288	44.429	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.860%		
47) 2-Hexanone-d5	8.629	63	155018	101.174	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.170%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	284339	45.758	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.520%		
66) 1,2-Dichlorobenzene-d4	12.192	152	159252	50.212	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.420%		
Target Compounds						Qvalue
3) Chloromethane	1.524	50	7320	2.270	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1802	0.709	ug/L #	20
12) 1,1-Dichloroethene	2.559	96	1472	0.606	ug/L #	1
35) Methylcyclohexane	6.687	83	43624	11.226	ug/L #	21
60) 1,2,3-Trichloropropane	11.809	75	18504	5.196	ug/L #	68

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

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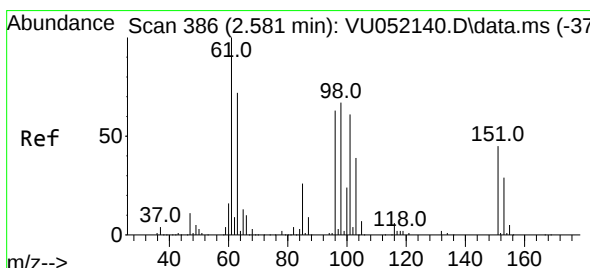
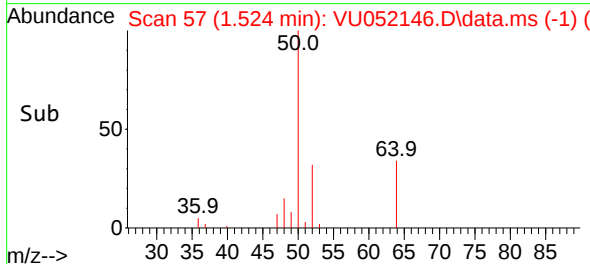
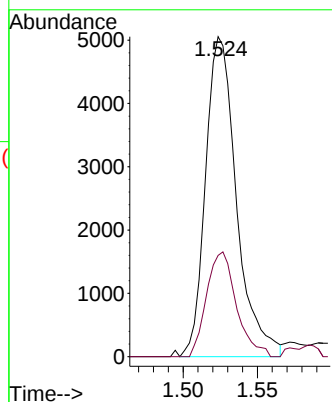
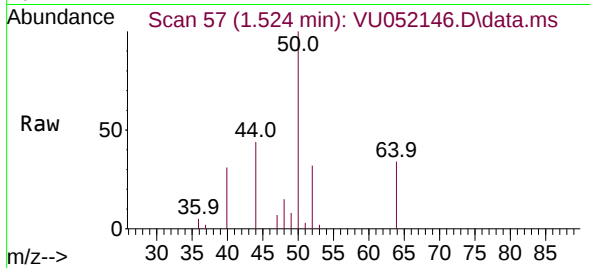




#3
Chloromethane
Concen: 2.270 ug/L
RT: 1.524 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052146.D
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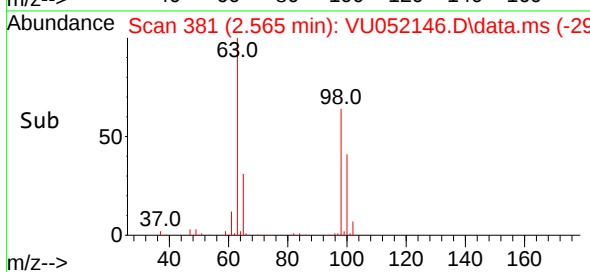
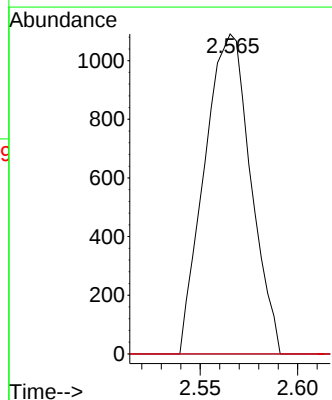
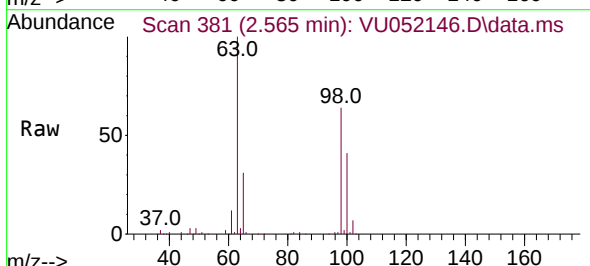
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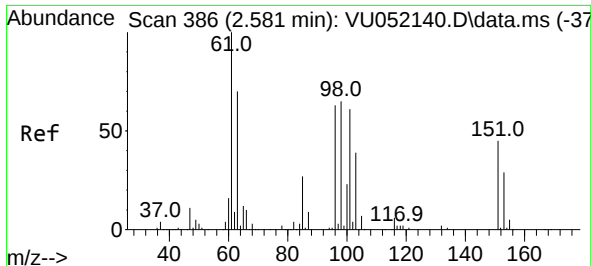
Tgt Ion: 50 Resp: 7320
Ion Ratio Lower Upper
50 100
52 31.6 23.1 42.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.709 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU052146.D
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Tgt Ion: 101 Resp: 1802
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 58.9 88.3#

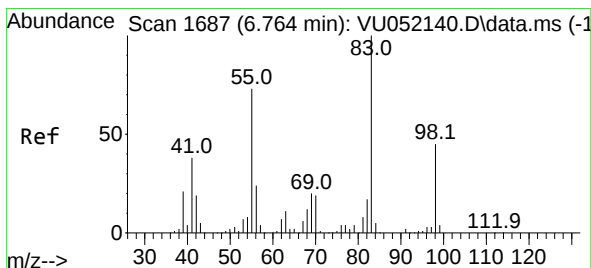
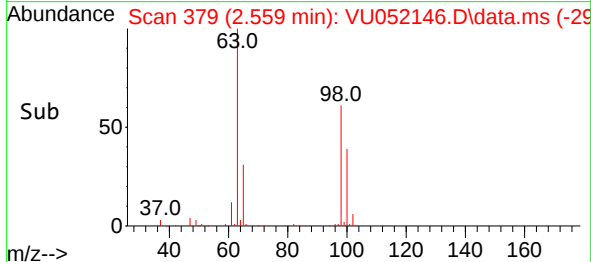
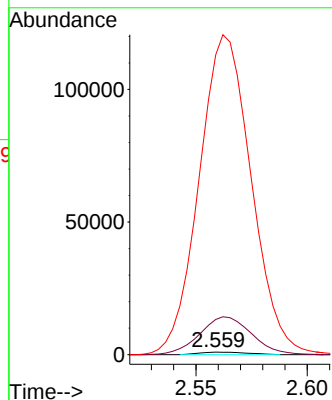
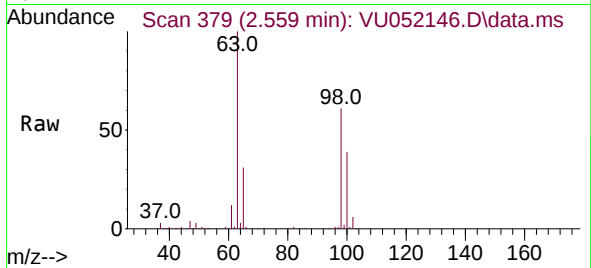




#12
1,1-Dichloroethene
Concen: 0.606 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.022 min
Lab File: VU052146.D
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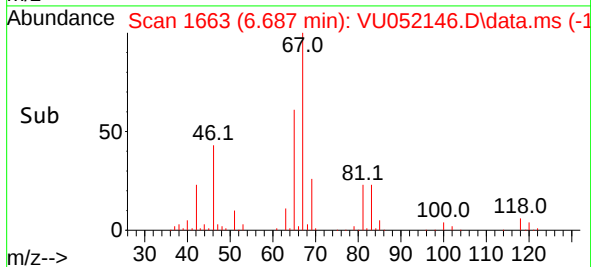
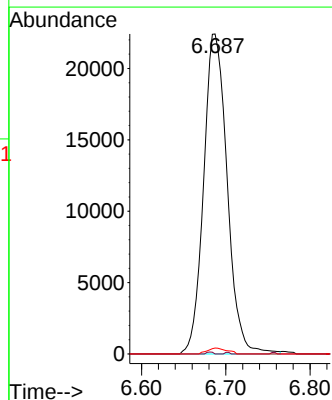
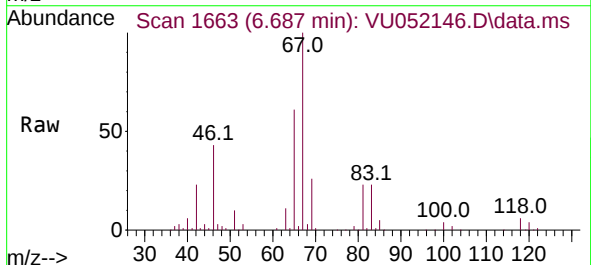
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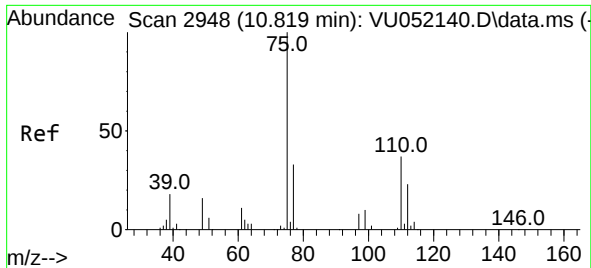
Tgt Ion: 96 Resp: 1472
Ion Ratio Lower Upper
96 100
61 1396.2 114.2 212.0#
63 11876.5 90.9 168.7#



#35
Methylcyclohexane
Concen: 11.226 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU052146.D
Acq: 28 Nov 2022 14:35

Tgt Ion: 83 Resp: 43624
Ion Ratio Lower Upper
83 100
55 0.2 59.0 88.6#
98 1.5 36.0 54.0#





#60
 1,2,3-Trichloropropane
 Concen: 5.196 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU052146.D
 Acq: 28 Nov 2022 14:35

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Tgt Ion: 75 Resp: 18504
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.0 39.0
 110 1.9 29.0 43.4#

