

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049014.D
 Acq On : 10 Jun 2022 22:09
 Operator : SY/MD
 Sample : N3254-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CODH1

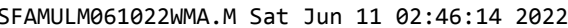
Quant Time: Jun 11 02:46:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:44:31 2022
 Response via : Initial Calibration

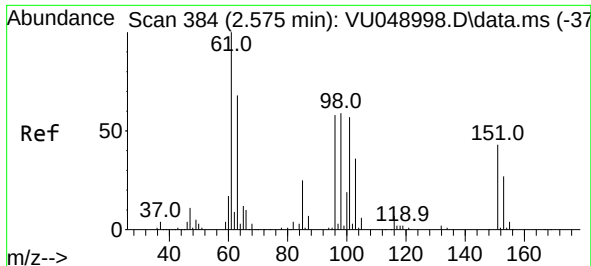
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	263901	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	254660	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	116489	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	75030	46.151	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.300%		
7) Chloroethane-d5	1.890	69	56572	47.392	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.780%		
11) 1,1-Dichloroethene-d2	2.559	63	107882	35.167	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.340%		
21) 2-Butanone-d5	4.620	46	174616	97.963	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.960%		
24) Chloroform-d	5.060	84	167710	48.357	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.720%		
26) 1,2-Dichloroethane-d4	5.700	65	116571	51.881	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.760%		
32) Benzene-d6	5.726	84	315523	49.966	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.940%		
36) 1,2-Dichloropropane-d6	6.691	67	106613	50.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.440%		
41) Toluene-d8	7.896	98	256832	46.118	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.240%		
43) trans-1,3-Dichloroprop...	8.179	79	45933	45.993	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.980%		
47) 2-Hexanone-d5	8.633	63	107081	96.379	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.380%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	175373	49.462	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.920%		
66) 1,2-Dichlorobenzene-d4	12.195	152	107400	52.989	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.980%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	985	0.530	ug/L #	19
12) 1,1-Dichloroethene	2.562	96	814	0.500	ug/L #	1
13) Acetone	2.626	43	3651	2.603	ug/L	99
22) 2-Butanone	4.713	43	6319	2.932	ug/L #	60
35) Methylcyclohexane	6.691	83	24671	8.499	ug/L #	19
37) 1,2-Dichloropropane	6.691	63	11077	4.761	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2893	0.845	ug/L #	80
60) 1,2,3-Trichloropropane	11.813	75	11607	3.928	ug/L #	67

(#) = 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: 0.530 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU049014.D

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MSVOA_U

ClientSampleId :

C0DH1

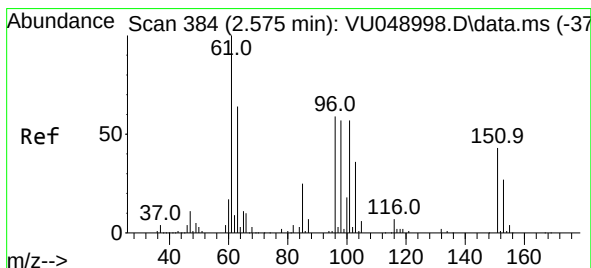
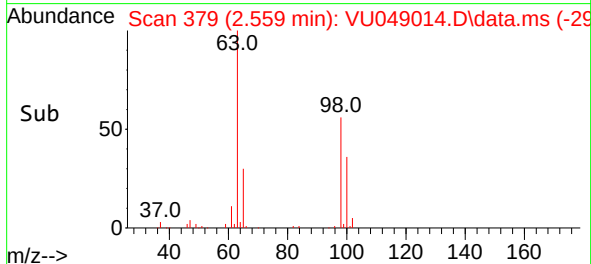
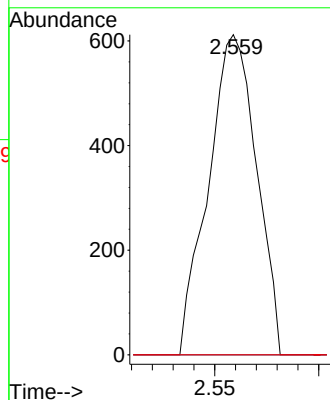
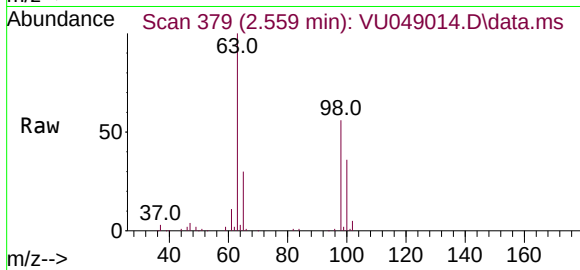
Tgt Ion:101 Resp: 985

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

151 0.0 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 0.500 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU049014.D

Acq: 10 Jun 2022 22:09

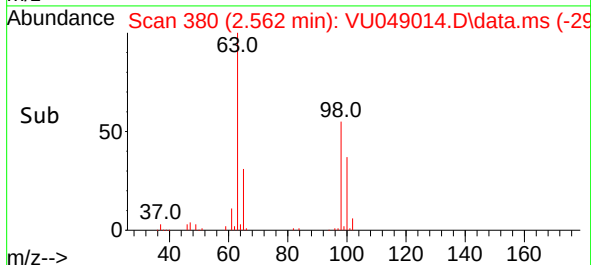
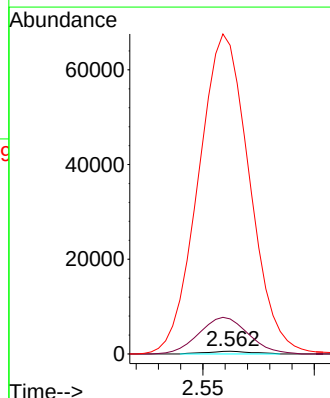
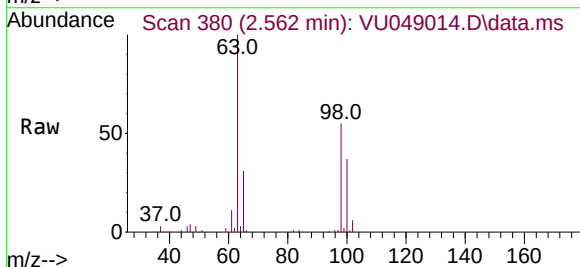
Tgt Ion: 96 Resp: 814

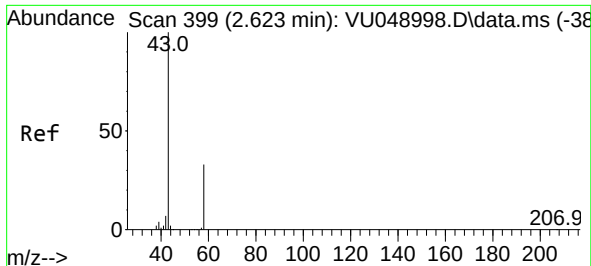
Ion Ratio Lower Upper

96 100

61 1272.7 123.5 229.3#

63 11202.7 86.0 159.8#





#13

Acetone

Concen: 2.603 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU049014.D

Acq: 10 Jun 2022 22:09

Instrument :

MSVOA_U

ClientSampleId :

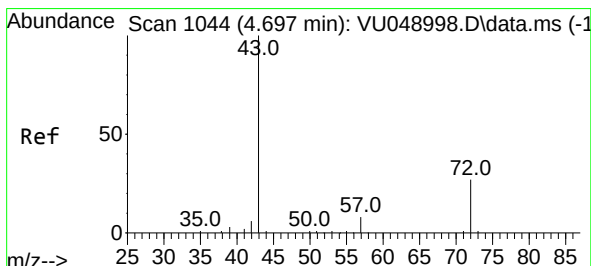
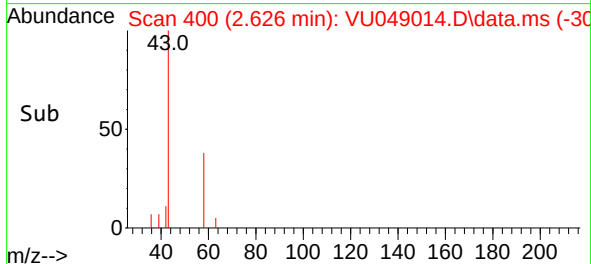
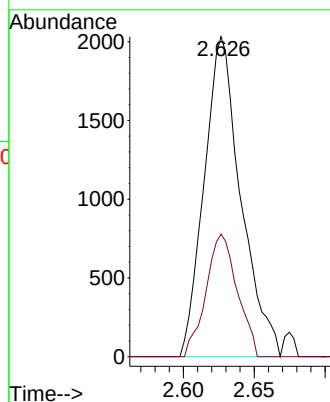
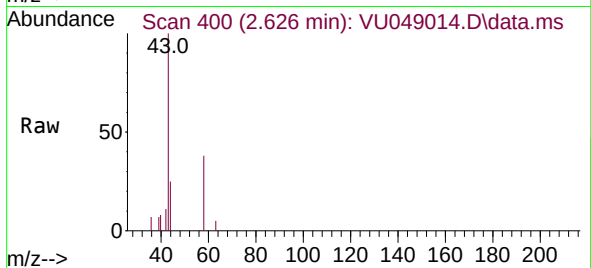
C0DH1

Tgt Ion: 43 Resp: 3651

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.4



#22

2-Butanone

Concen: 2.932 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.016 min

Lab File: VU049014.D

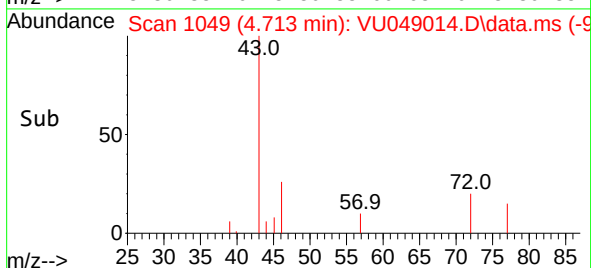
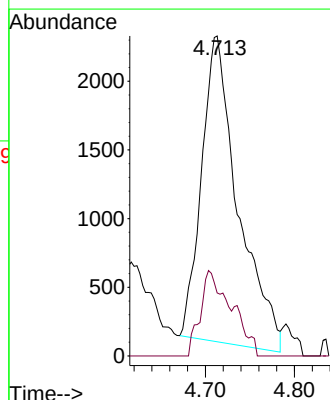
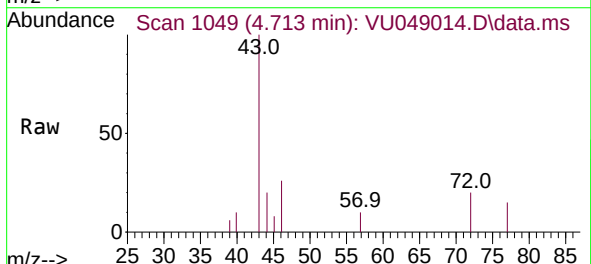
Acq: 10 Jun 2022 22:09

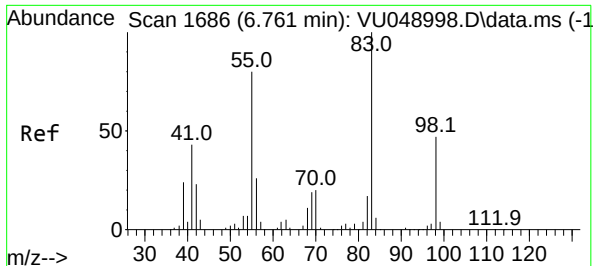
Tgt Ion: 43 Resp: 6319

Ion Ratio Lower Upper

43 100

72 6.2 13.7 41.0#





#35

Methylcyclohexane

Concen: 8.499 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049014.D

Acq: 10 Jun 2022 22:09

Instrument :

MSVOA_U

ClientSampleId :

C0DH1

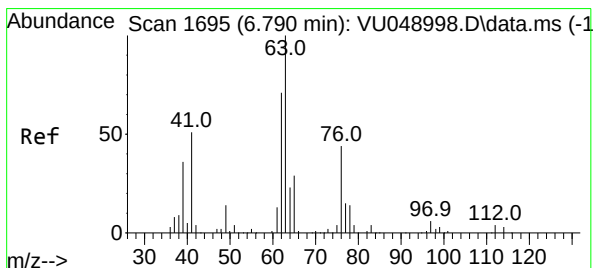
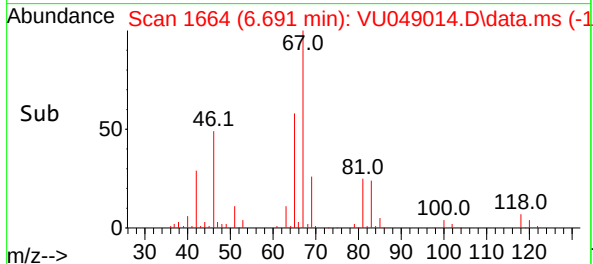
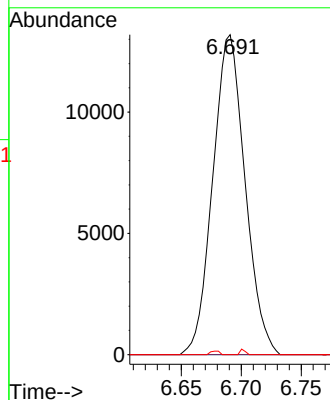
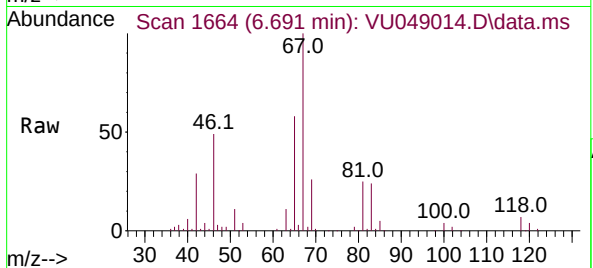
Tgt Ion: 83 Resp: 24671

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.6#

98 0.3 36.8 55.2#



#37

1,2-Dichloropropane

Concen: 4.761 ug/L

RT: 6.691 min Scan# 1664

Delta R.T. -0.099 min

Lab File: VU049014.D

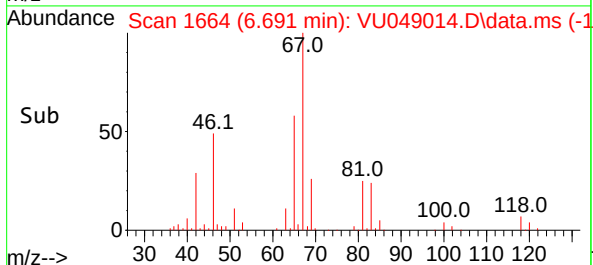
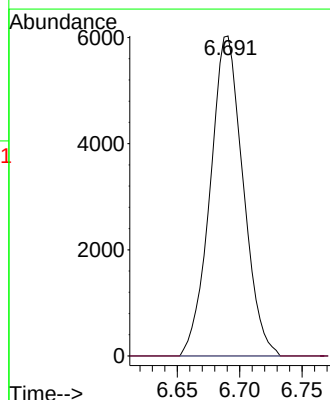
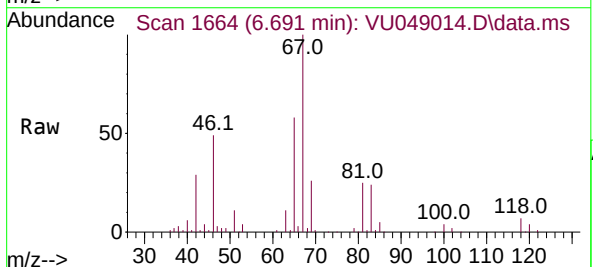
Acq: 10 Jun 2022 22:09

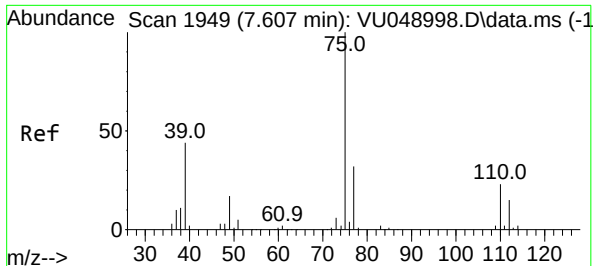
Tgt Ion: 63 Resp: 11077

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.845 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049014.D

Acq: 10 Jun 2022 22:09

Instrument :

MSVOA_U

ClientSampleId :

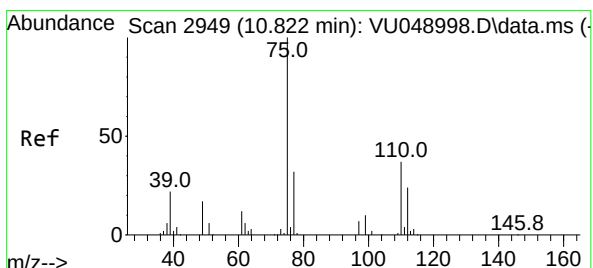
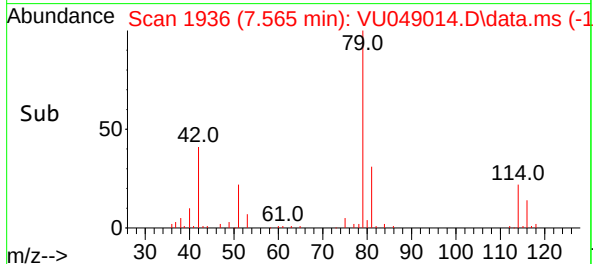
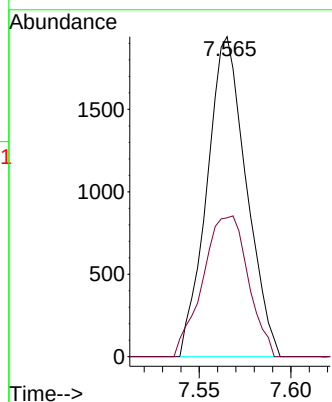
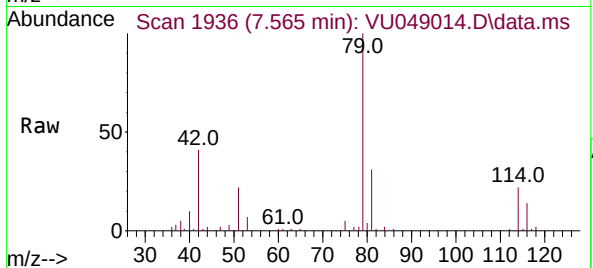
CODH1

Tgt Ion: 75 Resp: 2893

Ion Ratio Lower Upper

75 100

77 43.4 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 3.928 ug/L

RT: 11.813 min Scan# 3257

Delta R.T. 0.991 min

Lab File: VU049014.D

Acq: 10 Jun 2022 22:09

Tgt Ion: 75 Resp: 11607

Ion Ratio Lower Upper

75 100

77 34.5 26.6 40.0

110 1.1 30.2 45.4#

