

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049012.D
 Acq On : 10 Jun 2022 21:22
 Operator : SY/MD
 Sample : N3254-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DG8

Quant Time: Jun 11 02:45:43 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)

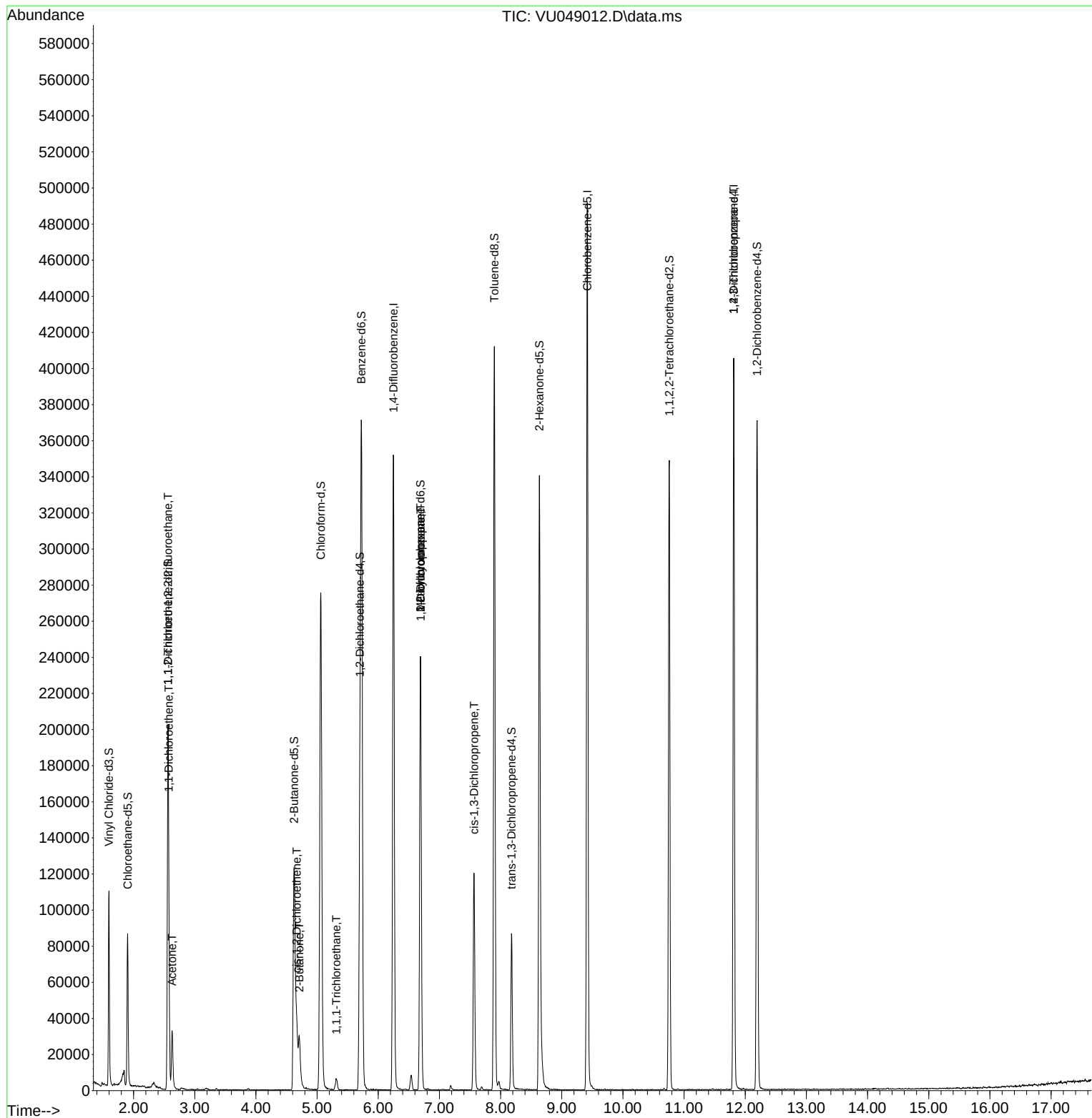
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	284786	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	269613	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107633	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77682	44.278	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.560%		
7) Chloroethane-d5	1.903	69	59317	46.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.100%		
11) 1,1-Dichloroethene-d2	2.562	63	116285	35.126	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.260%		
21) 2-Butanone-d5	4.623	46	190093	98.825	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.830%		
24) Chloroform-d	5.063	84	179539	47.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.940%		
26) 1,2-Dichloroethane-d4	5.700	65	125885	51.917	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.840%		
32) Benzene-d6	5.726	84	337710	50.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.020%		
36) 1,2-Dichloropropane-d6	6.690	67	114457	50.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.860%		
41) Toluene-d8	7.899	98	268442	45.529	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.060%		
43) trans-1,3-Dichloroprop...	8.179	79	48672	46.032	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.060%		
47) 2-Hexanone-d5	8.636	63	108361	92.122	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.120%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	173710	46.276	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.560%		
66) 1,2-Dichlorobenzene-d4	12.195	152	101932	54.429	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.860%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	809	0.403	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	12638	7.196	ug/L #	1
13) Acetone	2.629	43	37654	24.877	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	12806	5.451	ug/L	98
22) 2-Butanone	4.710	43	41188	17.707	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	5306	1.411	ug/L	92
35) Methylcyclohexane	6.690	83	27124	8.826	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	12570	5.103	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2881	0.795	ug/L #	59
60) 1,2,3-Trichloropropane	11.812	75	11801	4.322	ug/L #	66

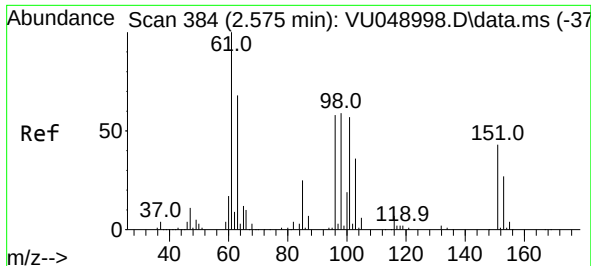
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
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QLast Update : Fri Jun 10 22:44:31 2022
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.403 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU049012.D

Acq: 10 Jun 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

C0DG8

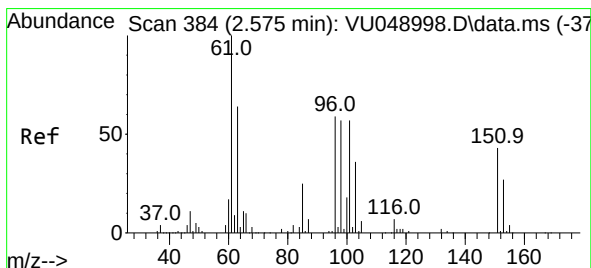
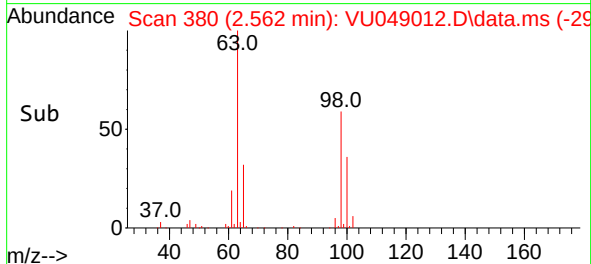
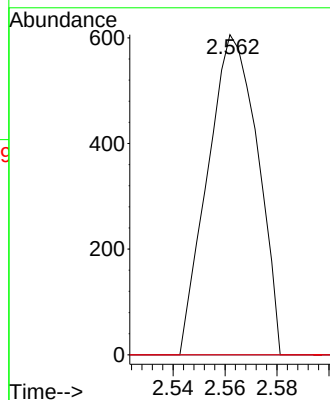
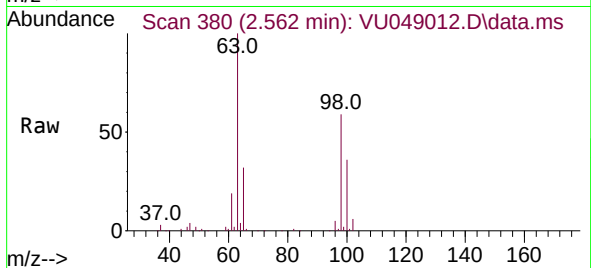
Tgt Ion:101 Resp: 809

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: 7.196 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU049012.D

Acq: 10 Jun 2022 21:22

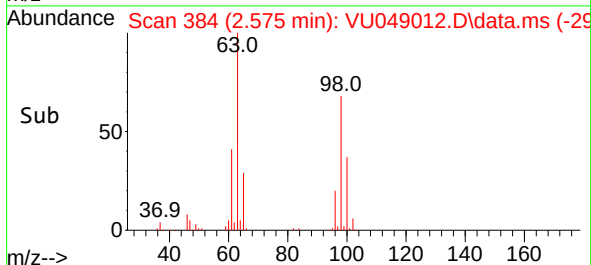
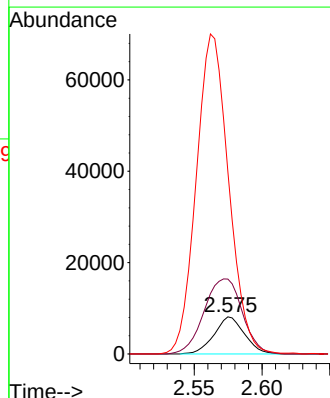
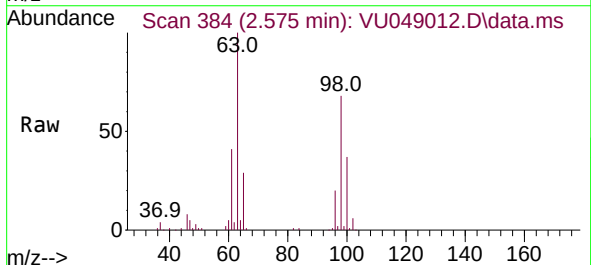
Tgt Ion: 96 Resp: 12638

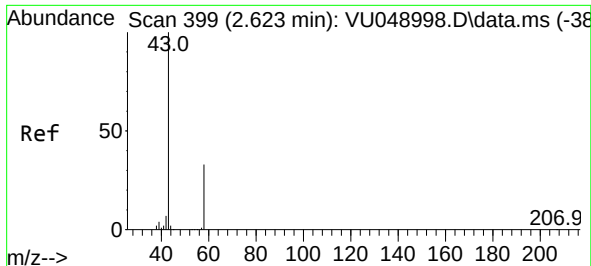
Ion Ratio Lower Upper

96 100

61 201.6 123.5 229.3

63 491.3 86.0 159.8#





#13

Acetone

Concen: 24.877 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU049012.D

Acq: 10 Jun 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

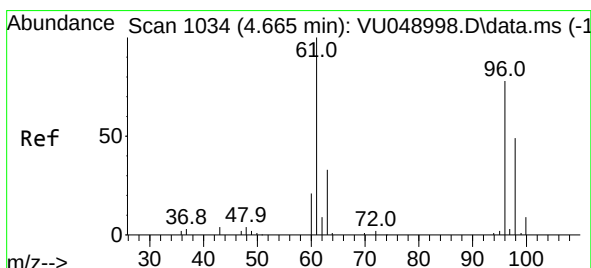
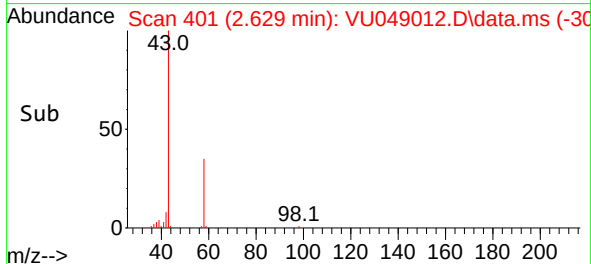
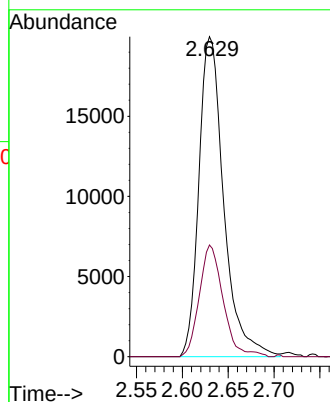
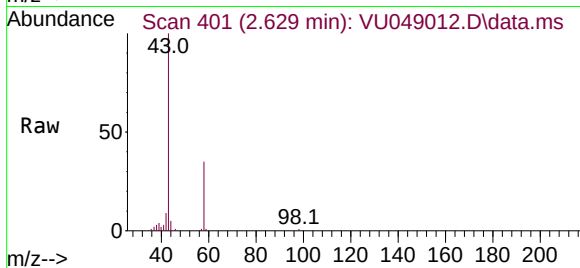
C0DG8

Tgt Ion: 43 Resp: 37654

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.4



#20

cis-1,2-Dichloroethene

Concen: 5.451 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU049012.D

Acq: 10 Jun 2022 21:22

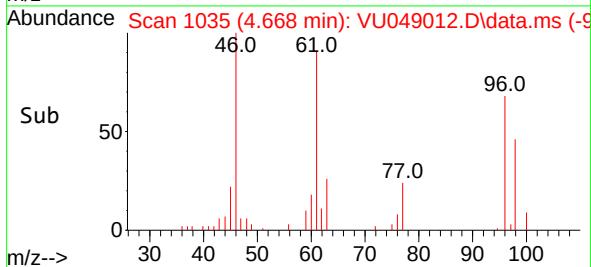
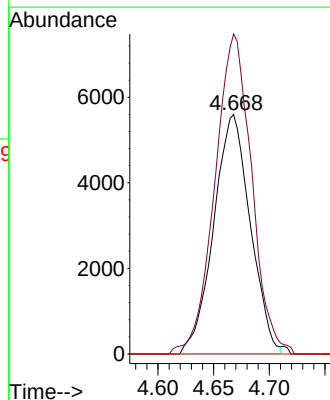
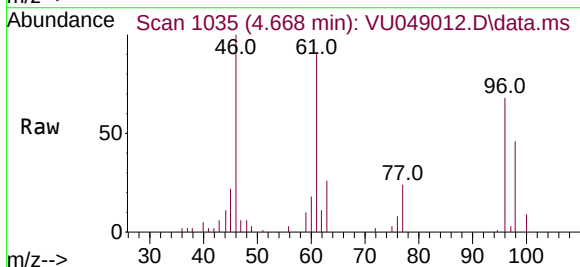
Tgt Ion: 96 Resp: 12806

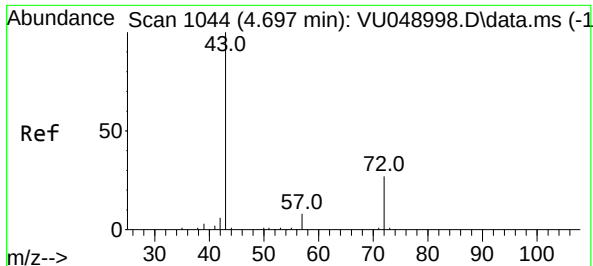
Ion Ratio Lower Upper

96 100

61 133.6 91.6 170.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 17.707 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.013 min

Lab File: VU049012.D

Acq: 10 Jun 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

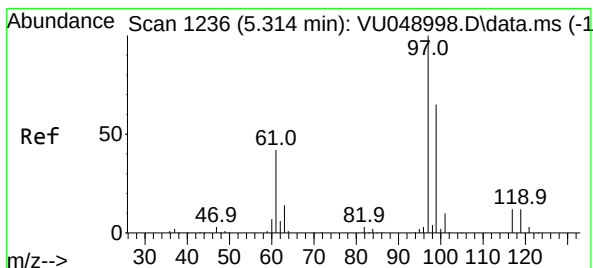
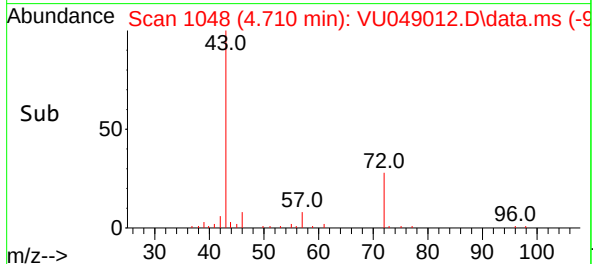
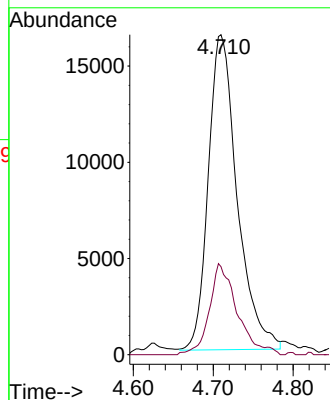
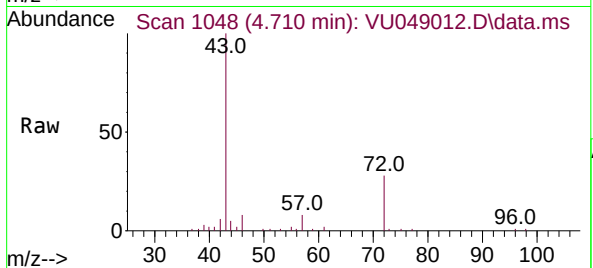
C0DG8

Tgt Ion: 43 Resp: 41188

Ion Ratio Lower Upper

43 100

72 25.1 13.7 41.0



#30

1,1,1-Trichloroethane

Concen: 1.411 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU049012.D

Acq: 10 Jun 2022 21:22

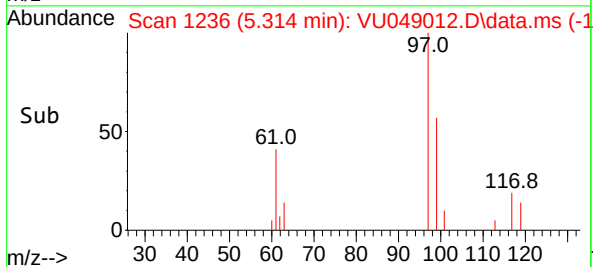
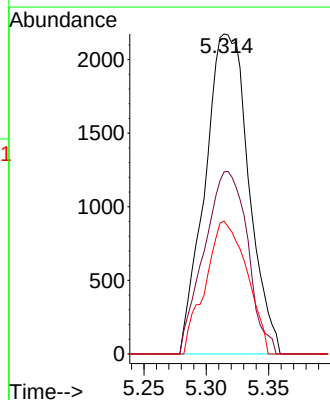
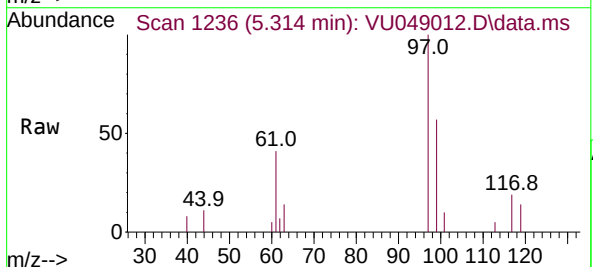
Tgt Ion: 97 Resp: 5306

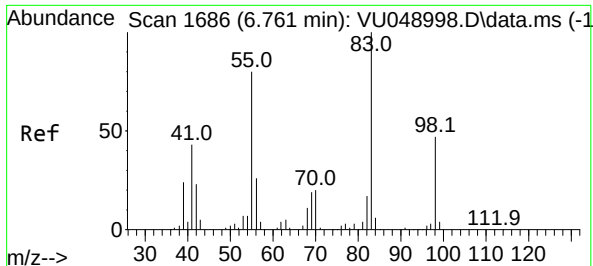
Ion Ratio Lower Upper

97 100

99 56.6 50.9 76.3

61 39.3 34.2 51.2

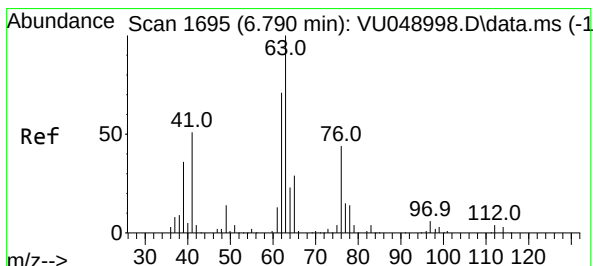
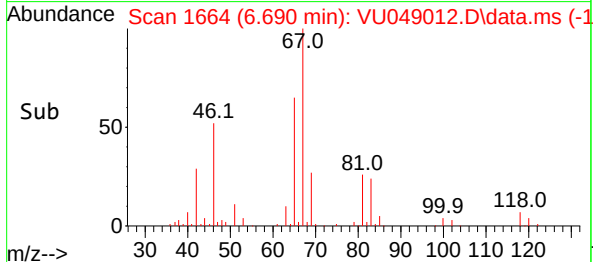
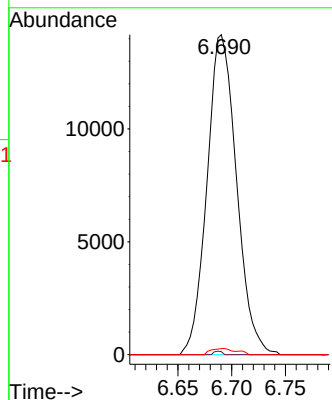
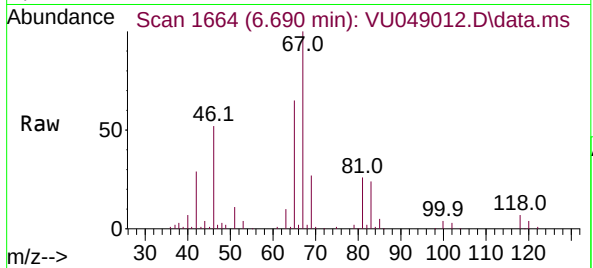




#35
Methylcyclohexane
Concen: 8.826 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049012.D
Acq: 10 Jun 2022 21:22

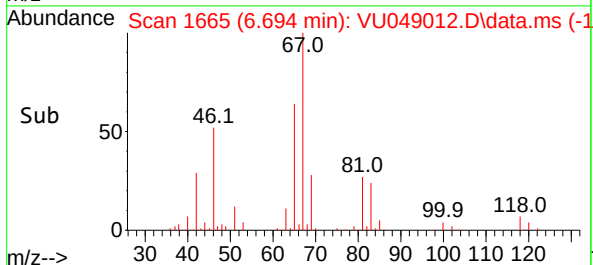
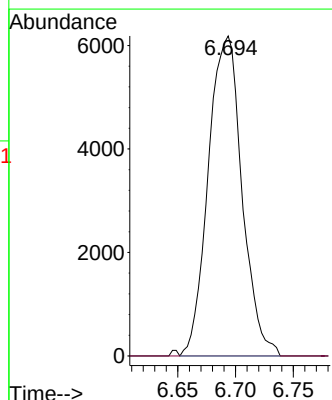
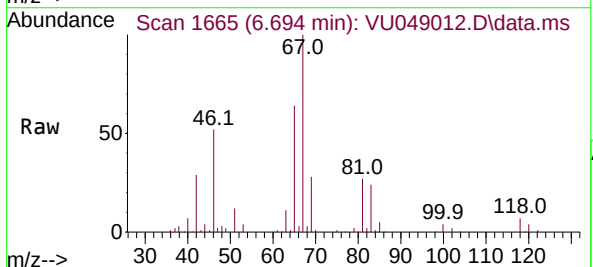
Instrument :
MSVOA_U
ClientSampleId :
C0DG8

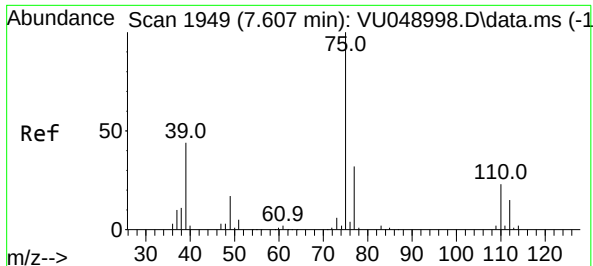
Tgt Ion: 83 Resp: 27124
Ion Ratio Lower Upper
83 100
55 0.3 61.0 91.6#
98 1.4 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 5.103 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.097 min
Lab File: VU049012.D
Acq: 10 Jun 2022 21:22

Tgt Ion: 63 Resp: 12570
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.795 ug/L

RT: 7.568 min Scan# 11

Delta R.T. -0.039 min

Lab File: VU049012.D

Acq: 10 Jun 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

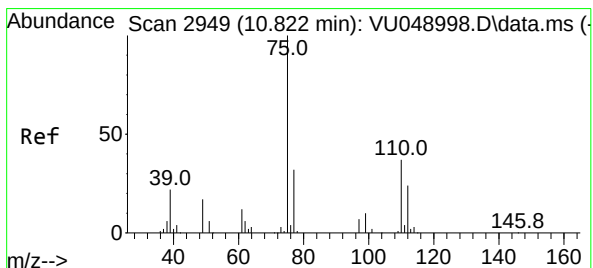
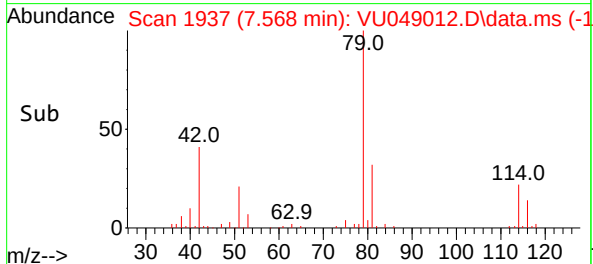
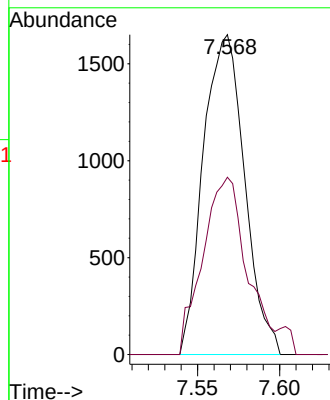
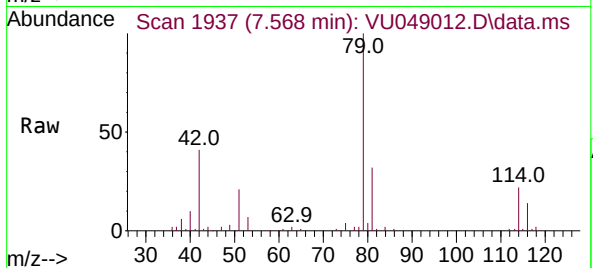
C0DG8

Tgt Ion: 75 Resp: 2881

Ion Ratio Lower Upper

75 100

77 55.5 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 4.322 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049012.D

Acq: 10 Jun 2022 21:22

Tgt Ion: 75 Resp: 11801

Ion Ratio Lower Upper

75 100

77 35.8 26.6 40.0

110 2.1 30.2 45.4#

