

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
 Data File : VU049094.D
 Acq On : 12 Jun 2022 16:23
 Operator : SY/MD
 Sample : N3255-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DR1

Quant Time: Jun 13 05:04:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 05:01:30 2022
 Response via : Initial Calibration

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

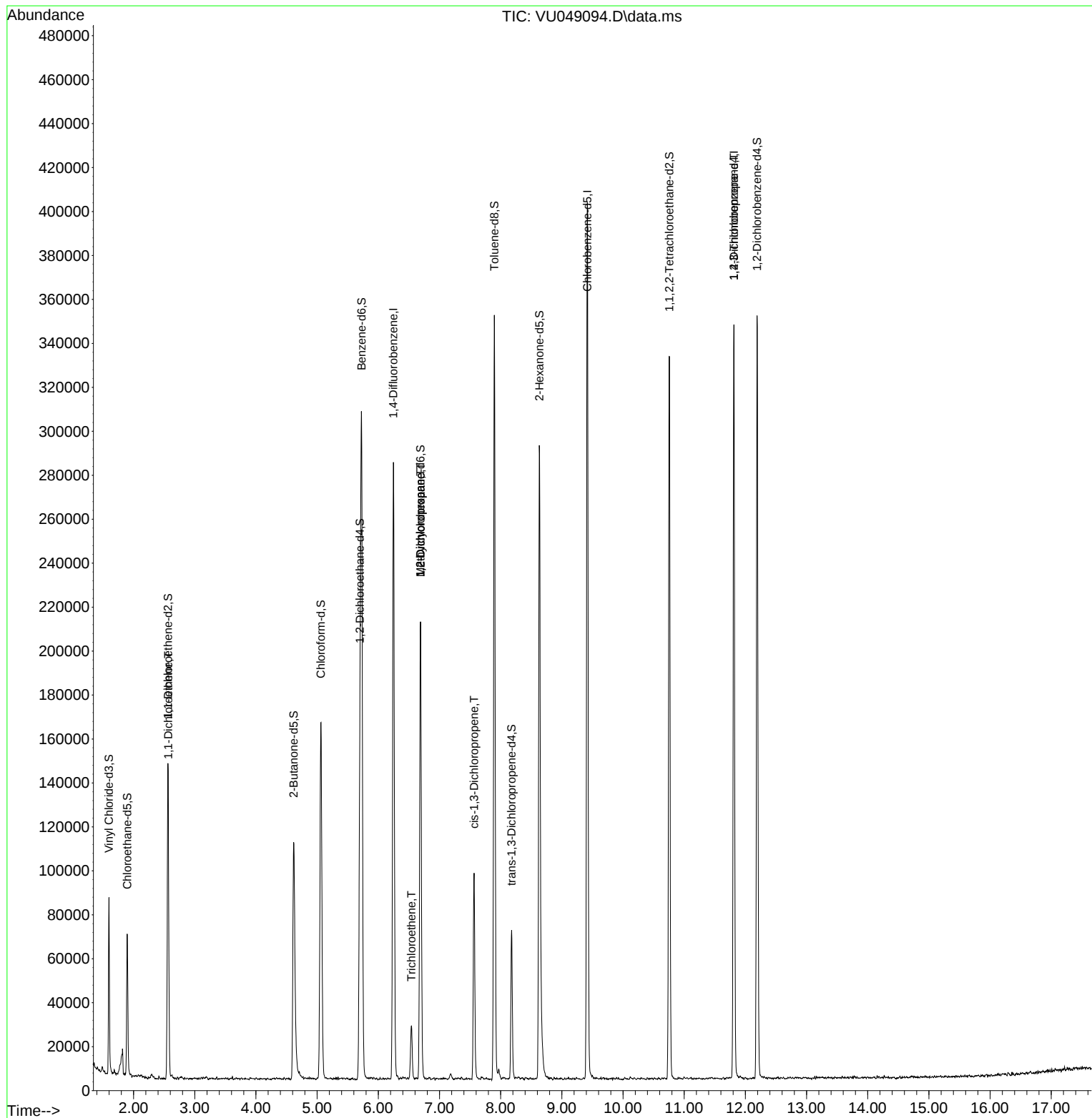
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	229573	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	228324	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95824	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56679	40.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.160%
7) Chloroethane-d5	1.896	69	47081	45.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.680%
11) 1,1-Dichloroethene-d2	2.562	63	84098	31.513	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.020%
21) 2-Butanone-d5	4.617	46	156569	100.973	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.970%
24) Chloroform-d	5.060	84	153380	50.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.680%
26) 1,2-Dichloroethane-d4	5.700	65	107656	55.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.160%
32) Benzene-d6	5.726	84	279716	49.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.820%
36) 1,2-Dichloropropane-d6	6.690	67	96871	50.896	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.800%
41) Toluene-d8	7.896	98	229167	45.896	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.179	79	38442	42.932	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.860%
47) 2-Hexanone-d5	8.633	63	89374	89.720	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.720%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	161457	50.790	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.580%
66) 1,2-Dichlorobenzene-d4	12.192	152	96115	57.648	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.300%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.568	96	1075	0.759	ug/L #	1
34) Trichloroethene	6.543	95	7960	4.269	ug/L	94
35) Methylcyclohexane	6.690	83	22607	8.686	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10537	5.051	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2219	0.723	ug/L	84
60) 1,2,3-Trichloropropane	11.812	75	9313	3.832	ug/L #	68

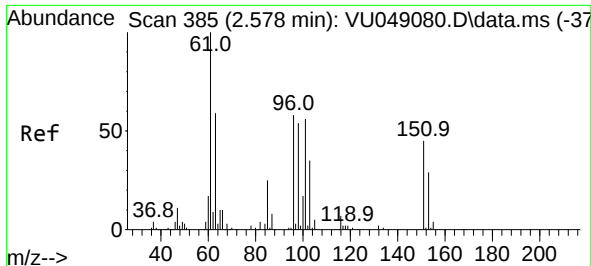
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Jun 13 05:01:30 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.759 ug/L

RT: 2.568 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU049094.D

Acq: 12 Jun 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

C0DR1

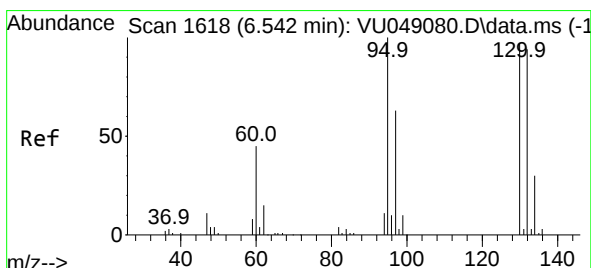
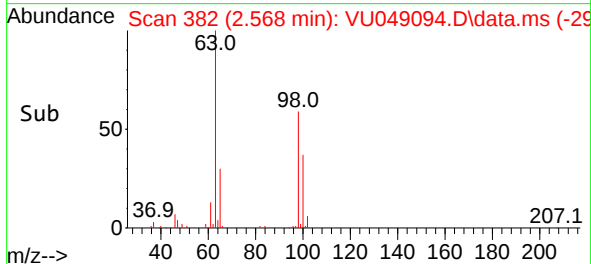
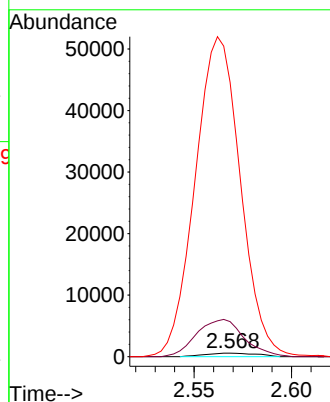
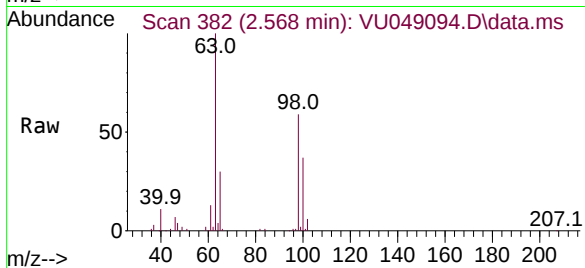
Tgt Ion: 96 Resp: 1075

Ion Ratio Lower Upper

96 100

61 985.7 123.5 229.3#

63 7698.8 86.0 159.8#



#34

Trichloroethene

Concen: 4.269 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU049094.D

Acq: 12 Jun 2022 16:23

Tgt Ion: 95 Resp: 7960

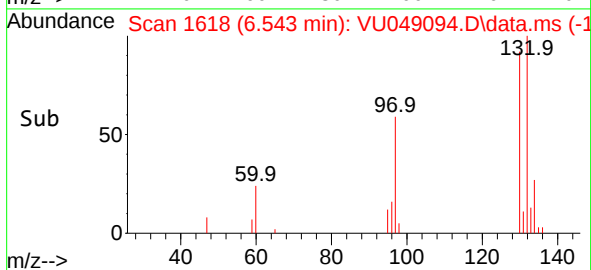
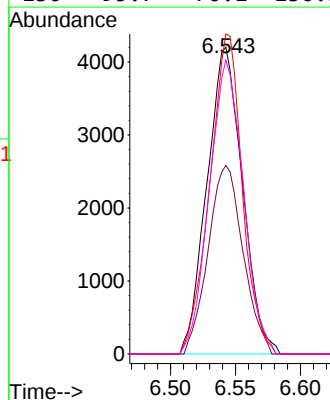
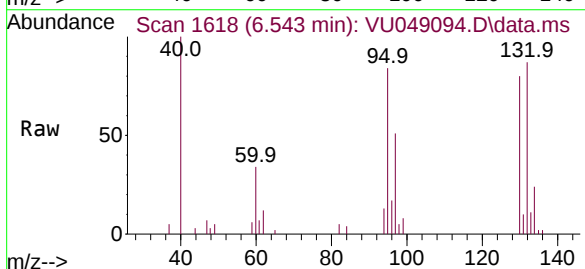
Ion Ratio Lower Upper

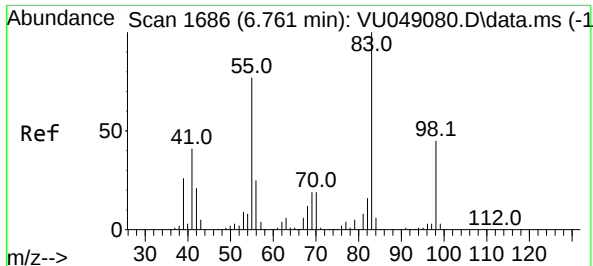
95 100

97 61.4 45.4 84.4

132 104.3 67.6 125.6

130 95.7 70.1 130.3





#35

Methylcyclohexane

Concen: 8.686 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

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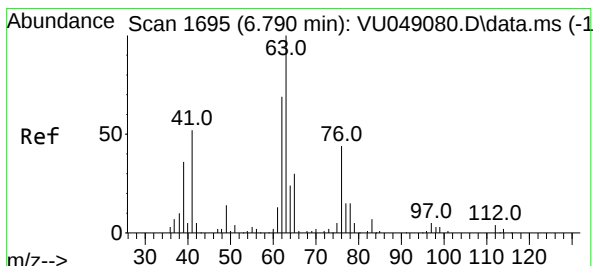
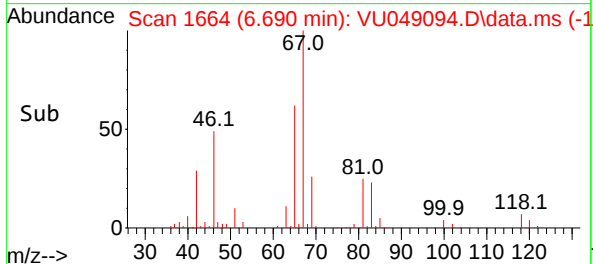
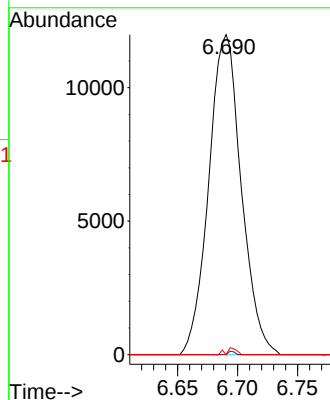
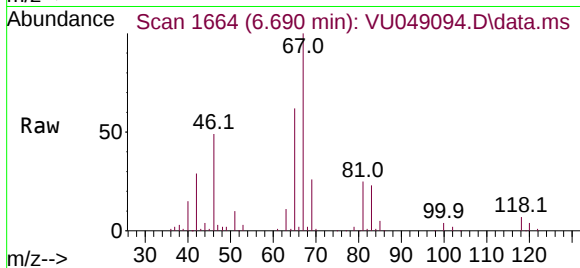
Tgt Ion: 83 Resp: 22607

Ion Ratio Lower Upper

83 100

55 0.2 61.0 91.6#

98 0.5 36.8 55.2#



#37

1,2-Dichloropropane

Concen: 5.051 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049094.D

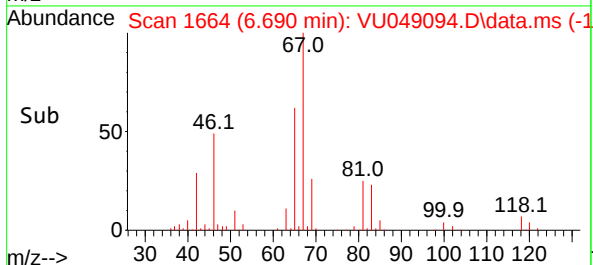
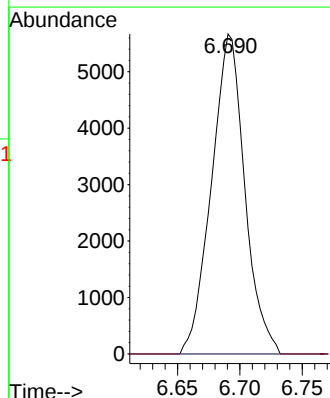
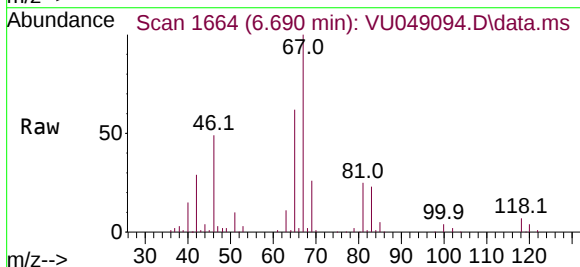
Acq: 12 Jun 2022 16:23

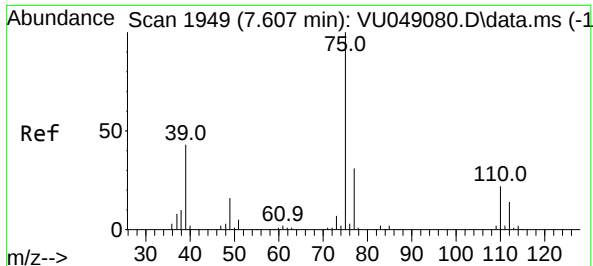
Tgt Ion: 63 Resp: 10537

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.723 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049094.D

Acq: 12 Jun 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

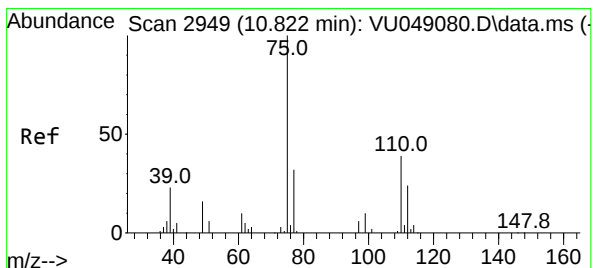
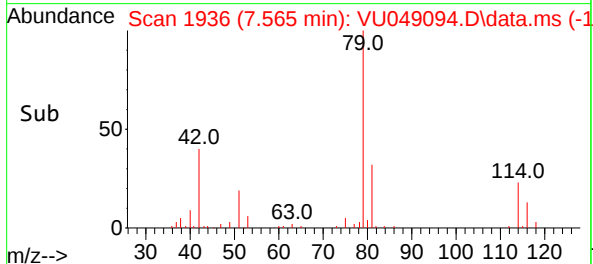
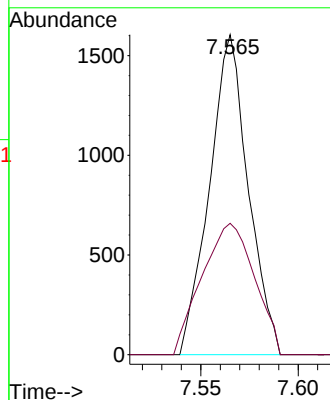
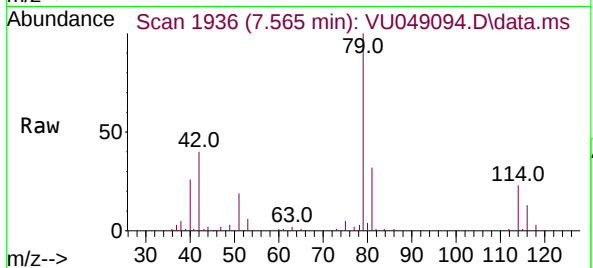
C0DR1

Tgt Ion: 75 Resp: 2219

Ion Ratio Lower Upper

75 100

77 41.1 22.6 42.0



#60

1,2,3-Trichloropropane

Concen: 3.832 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049094.D

Acq: 12 Jun 2022 16:23

Tgt Ion: 75 Resp: 9313

Ion Ratio Lower Upper

75 100

77 33.1 26.6 40.0

110 2.2 30.2 45.4#

