

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
 Data File : VU049086.D
 Acq On : 12 Jun 2022 13:15
 Operator : SY/MD
 Sample : N3255-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ4

Quant Time: Jun 13 05:03:11 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)

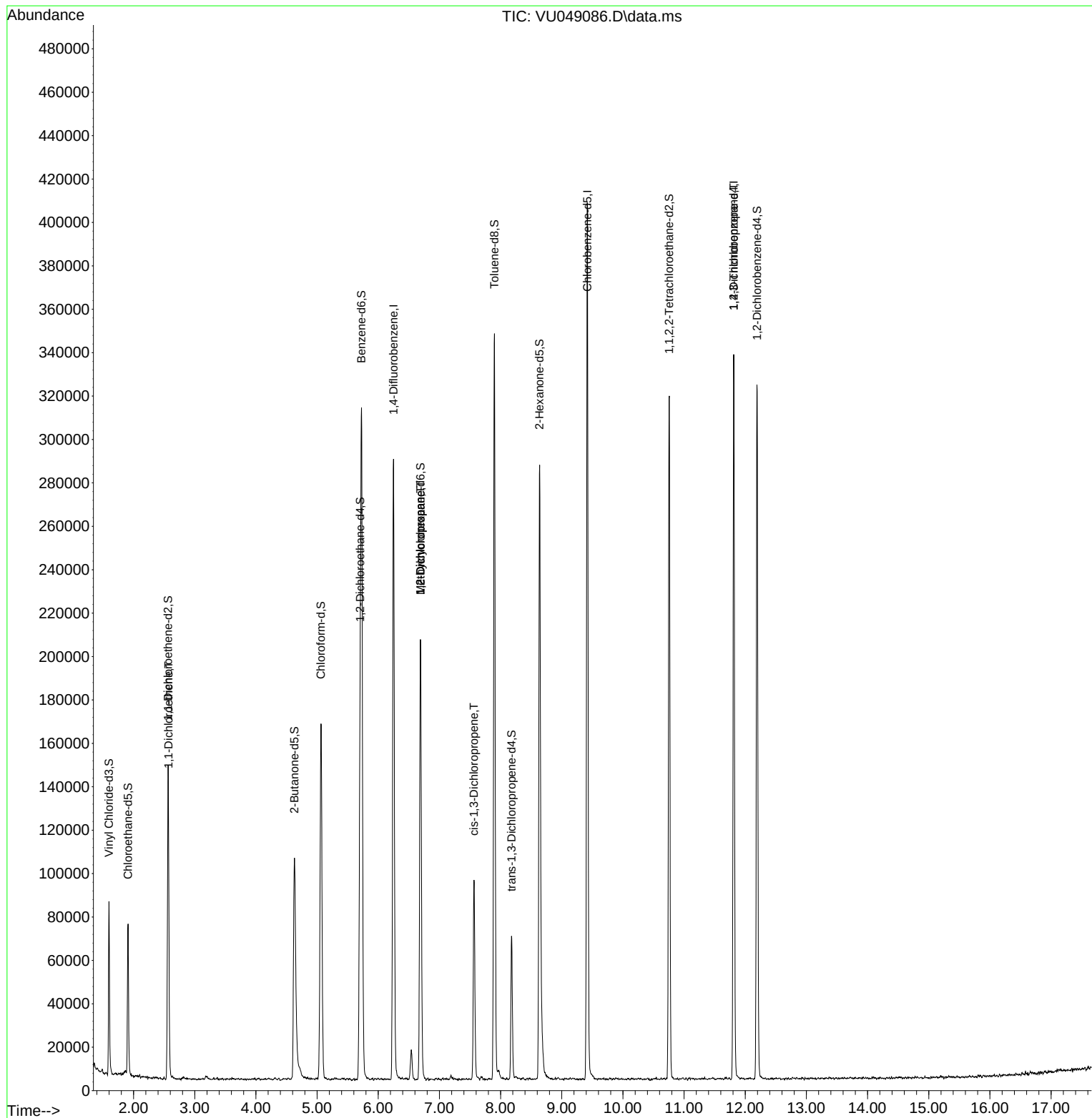
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	237090	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	230148	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91626	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58324	39.932	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.860%
7) Chloroethane-d5	1.909	69	46669	43.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.040%
11) 1,1-Dichloroethene-d2	2.565	63	85312	30.954	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.900%
21) 2-Butanone-d5	4.629	46	162039	101.188	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.190%
24) Chloroform-d	5.063	84	153947	49.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.820%
26) 1,2-Dichloroethane-d4	5.703	65	110162	54.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.140%
32) Benzene-d6	5.726	84	280634	49.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.340%
36) 1,2-Dichloropropane-d6	6.690	67	97276	50.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.400%
41) Toluene-d8	7.899	98	228162	45.333	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.660%
43) trans-1,3-Dichloroprop...	8.179	79	38684	42.860	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.720%
47) 2-Hexanone-d5	8.636	63	88096	87.736	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.740%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	153324	47.849	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	86758	54.420	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.840%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.571	96	792	0.542	ug/L #	1
35) Methylcyclohexane	6.690	83	23000	8.767	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10194	4.848	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2551	0.825	ug/L #	63
60) 1,2,3-Trichloropropane	11.812	75	9747	4.194	ug/L #	67

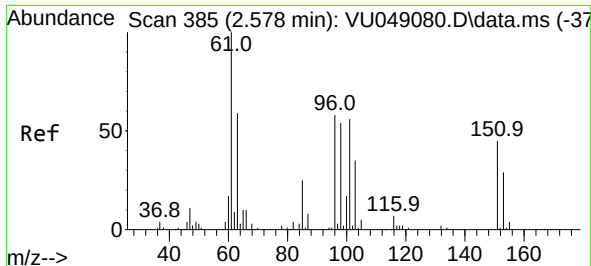
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.542 ug/L

RT: 2.571 min Scan# 385

Delta R.T. -0.007 min

Lab File: VU049086.D

Acq: 12 Jun 2022 13:15

Instrument :

MSVOA_U

ClientSampleId :

C0DJ4

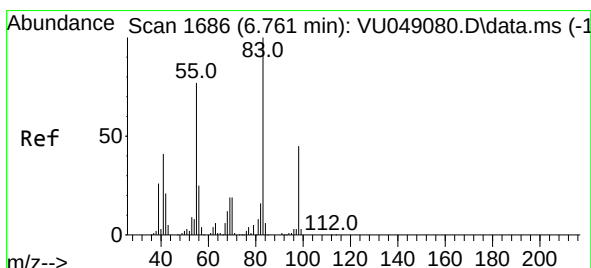
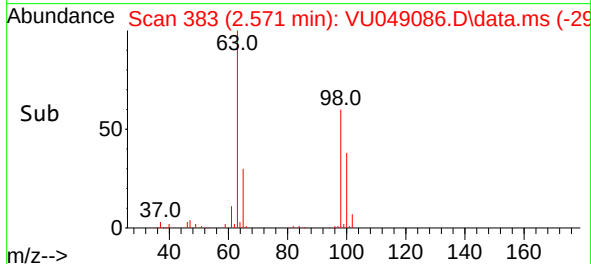
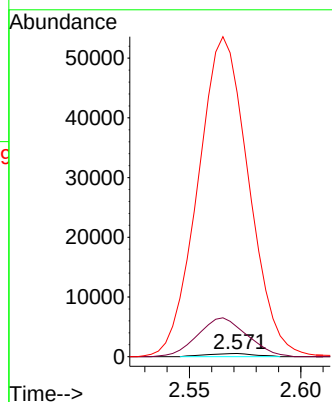
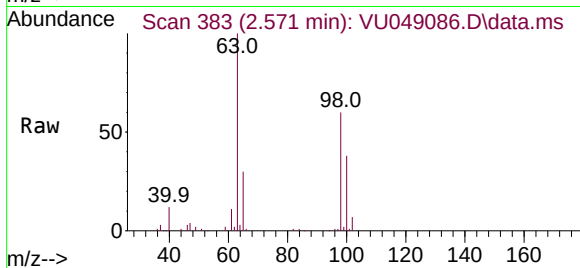
Tgt Ion: 96 Resp: 792

Ion Ratio Lower Upper

96 100

61 940.9 123.5 229.3#

63 8404.6 86.0 159.8#



#35

Methylcyclohexane

Concen: 8.767 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049086.D

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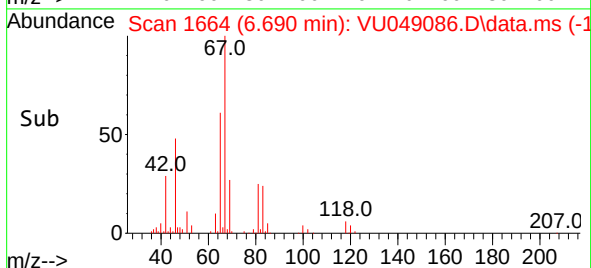
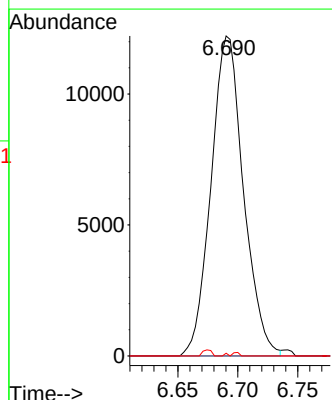
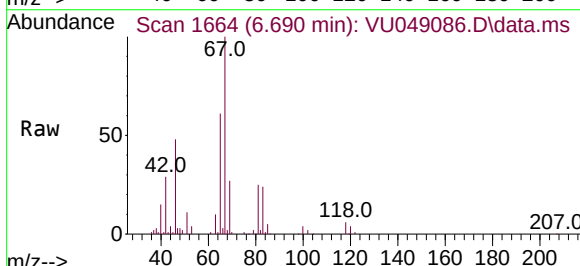
Tgt Ion: 83 Resp: 23000

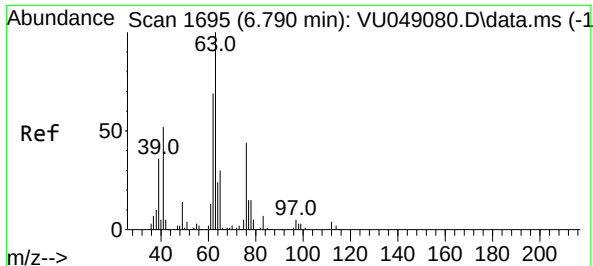
Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.6#

98 0.1 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 4.848 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049086.D

Acq: 12 Jun 2022 13:15

Instrument :

MSVOA_U

ClientSampleId :

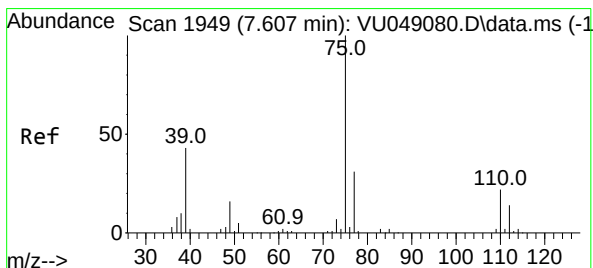
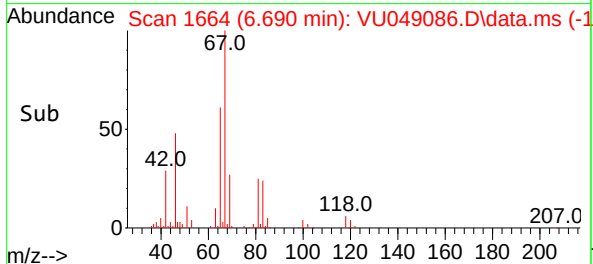
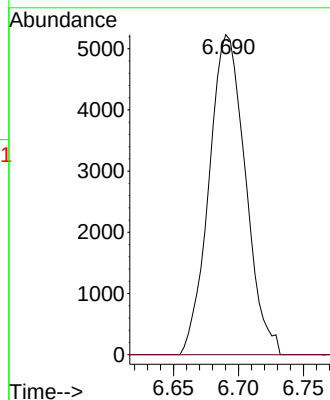
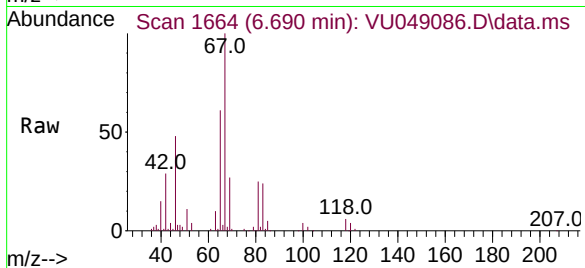
C0DJ4

Tgt Ion: 63 Resp: 10194

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.825 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049086.D

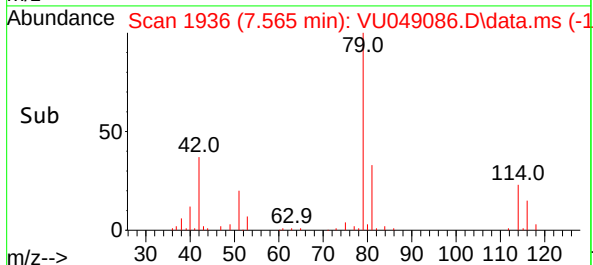
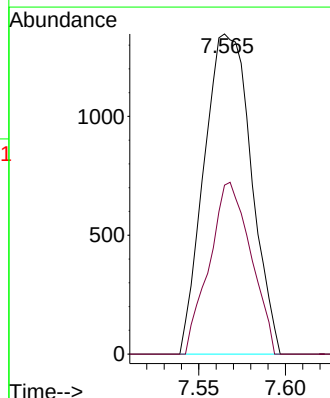
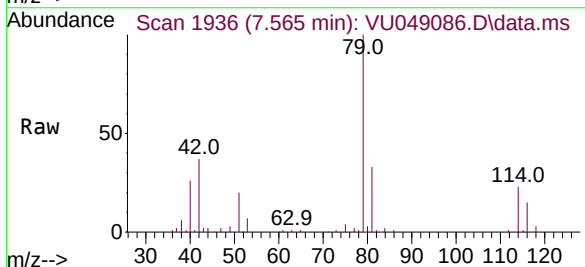
Acq: 12 Jun 2022 13:15

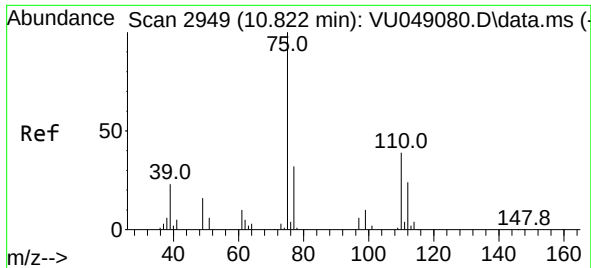
Tgt Ion: 75 Resp: 2551

Ion Ratio Lower Upper

75 100

77 52.8 22.6 42.0#





#60
1,2,3-Trichloropropane
Concen: 4.194 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU049086.D
Acq: 12 Jun 2022 13:15

Instrument :
MSVOA_U
ClientSampleId :
C0DJ4

Tgt Ion:	75	Resp:	9747
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.6	40.0
110	1.8	30.2	45.4#

