

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037391.D
 Acq On : 28 Mar 2020 00:02
 Operator : JC/MD
 Sample : L1975-14 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 01:58:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:55:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	249023	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	236843	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	122194	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81964	51.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.62%
7) Chloroethane-d5	1.93	69	63339	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.04%
11) 1,1-Dichloroethene-d2	2.59	63	125110	36.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.08%
21) 2-Butanone-d5	4.66	46	141856	98.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.81%
24) Chloroform-d	5.10	84	156559	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
26) 1,2-Dichloroethane-d4	5.74	65	110834	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
32) Benzene-d6	5.76	84	327332	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
36) 1,2-Dichloropropane-d6	6.72	67	106938	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.46%
41) Toluene-d8	7.92	98	310687	50.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.38%
43) trans-1,3-Dichloropropene-	8.20	79	58781	48.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.68%
47) 2-Hexanone-d5	8.65	63	112585	93.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	155702	49.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.70%
64) 1,2-Dichlorobenzene-d4	12.21	152	125504	50.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.30%

Target Compounds

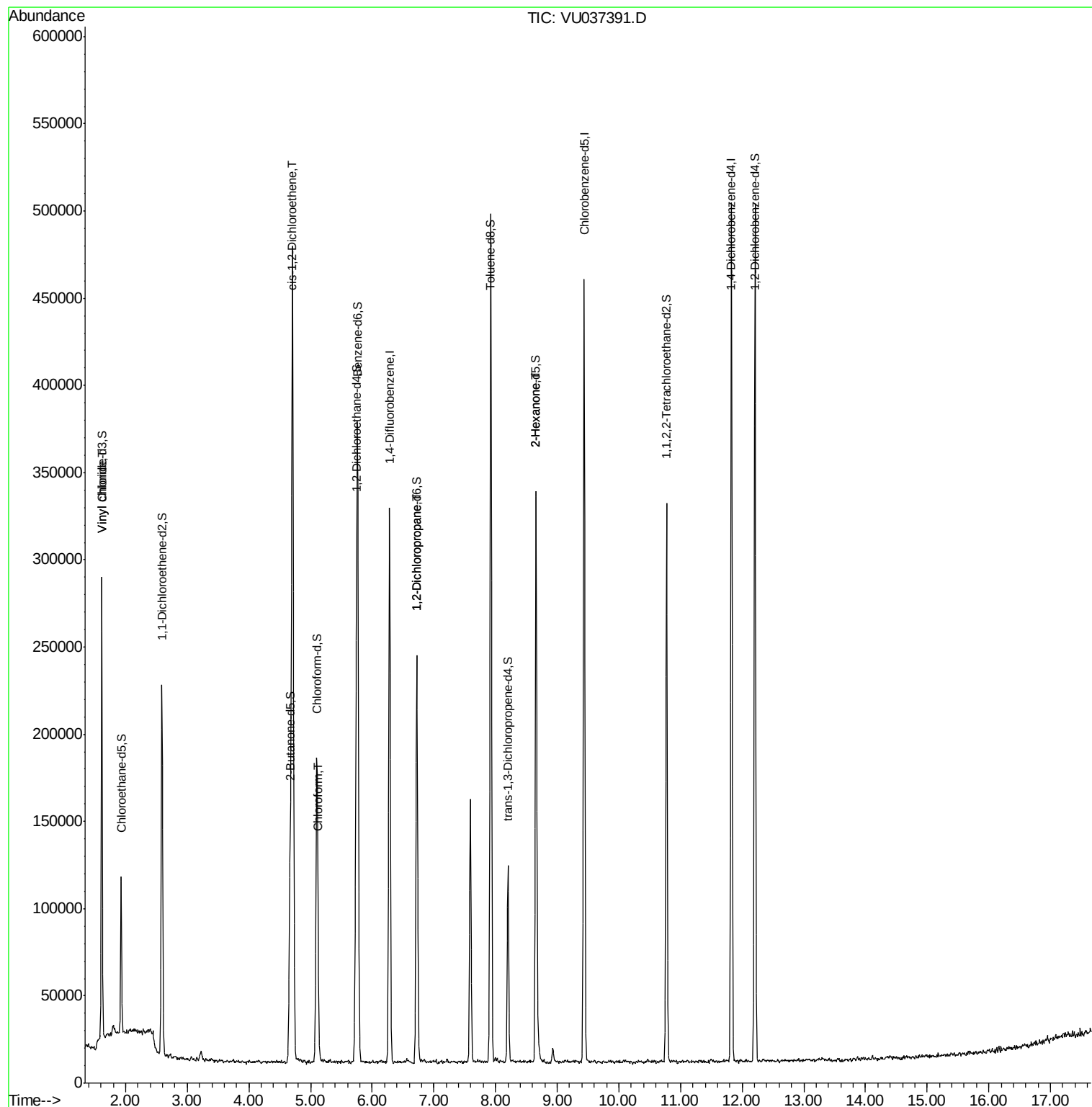
					Ovalue
5) Vinyl chloride	1.62	62	102546	46.512 ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	234891	104.782 ug/L #	99
25) Chloroform	5.13	83	7702	2.015 ug/L	81
37) 1,2-Dichloropropane	6.72	63	12466	5.619 ug/L #	89
48) 2-Hexanone	8.65	43	13271	4.806 ug/L #	74

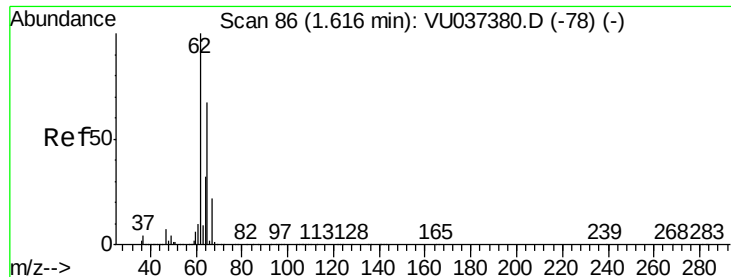
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 46.512 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037391.D

Acq: 28 Mar 2020 00:02

Instrument :

MSVOA_U

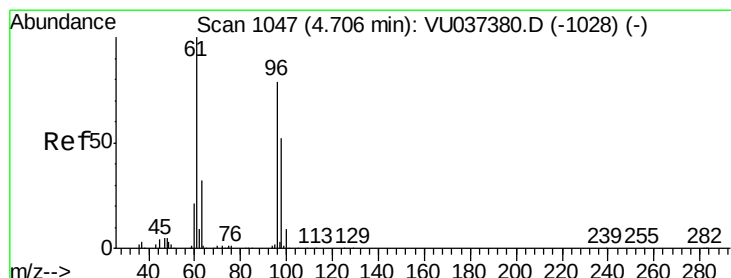
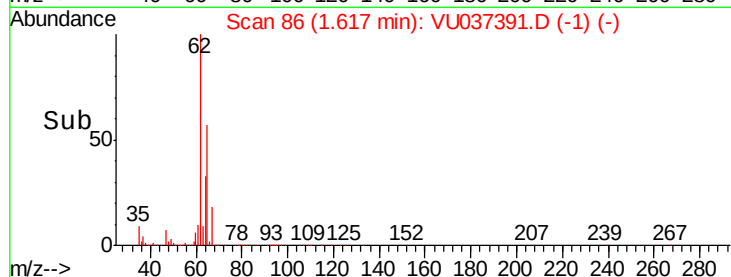
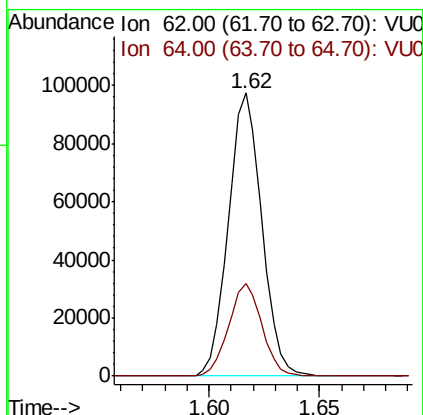
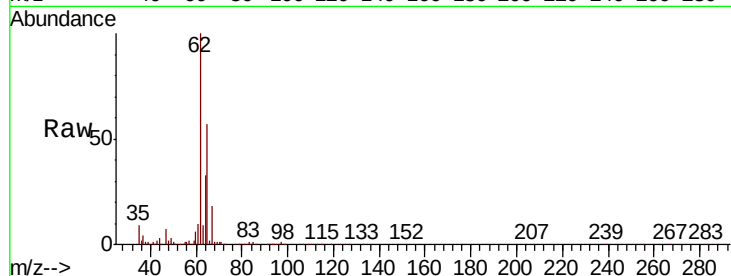
ClientSampled :

Tot Ion: 62 Resp: 102546

Ion Ratio Lower Upper

62 100

64 32.6 23.0 42.8



#20

cis-1,2-Dichloroethene

Concen: 104.782 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037391.D

Acq: 28 Mar 2020 00:02

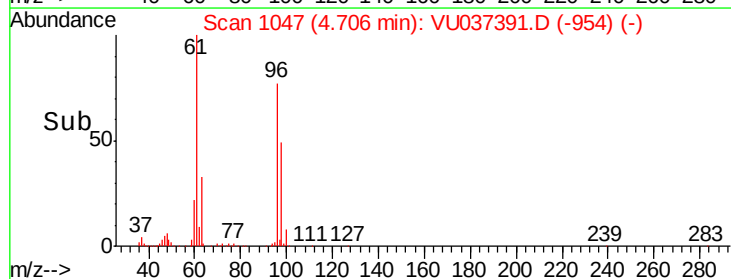
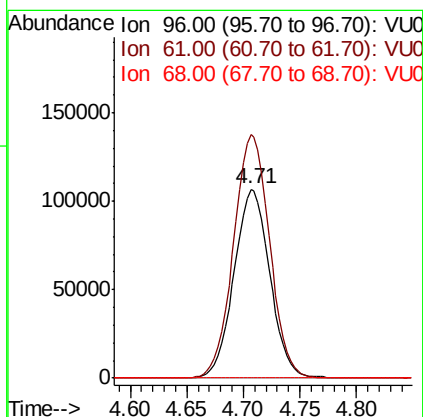
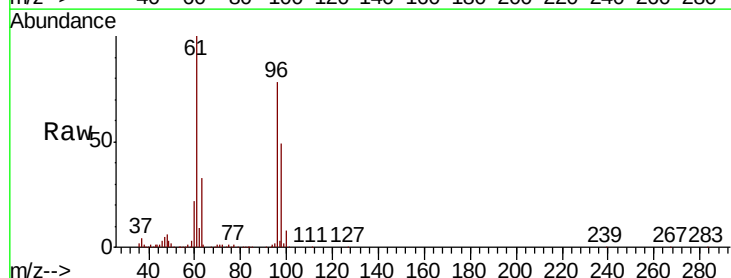
Tgt Ion: 96 Resp: 234891

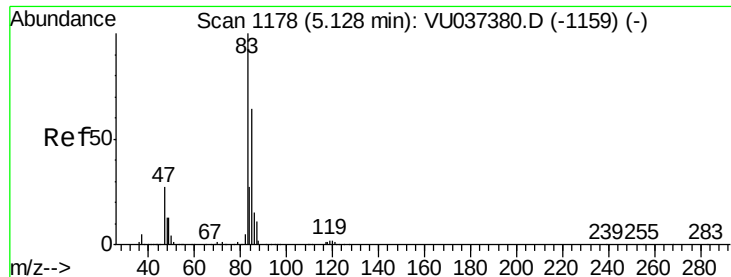
Ion Ratio Lower Upper

96 100

61 128.8 89.4 166.0

68 0.0 0.3 0.7#

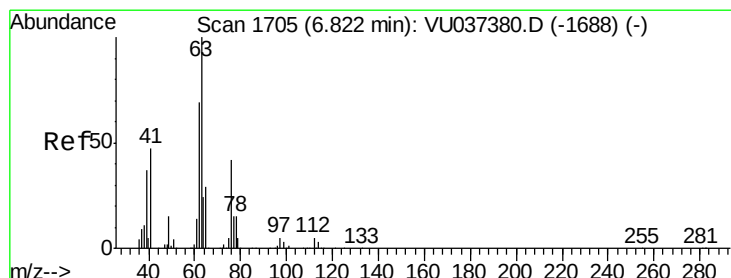
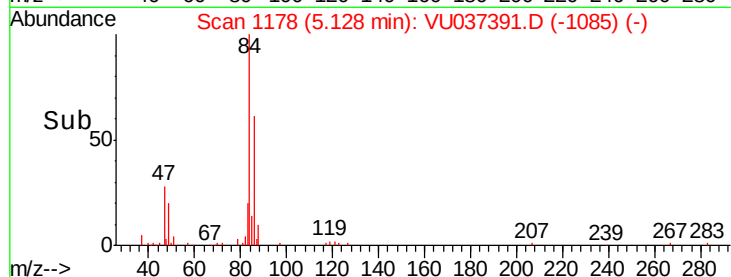
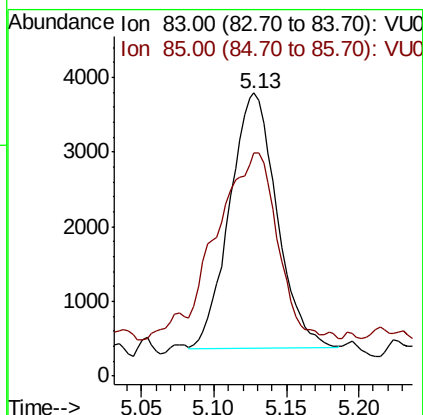
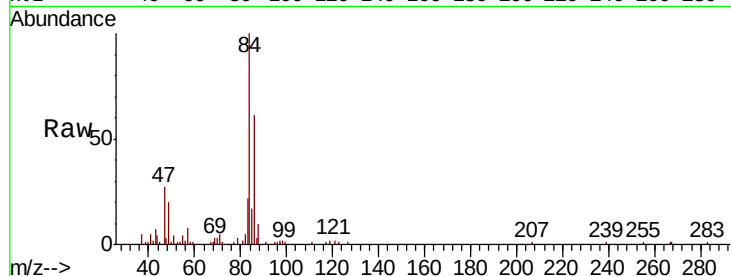




#25
Chloroform
Concen: 2.015 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037391.D
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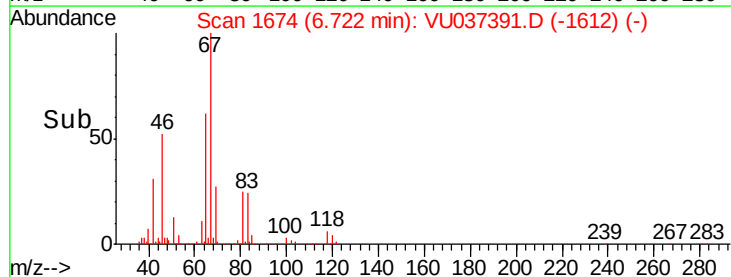
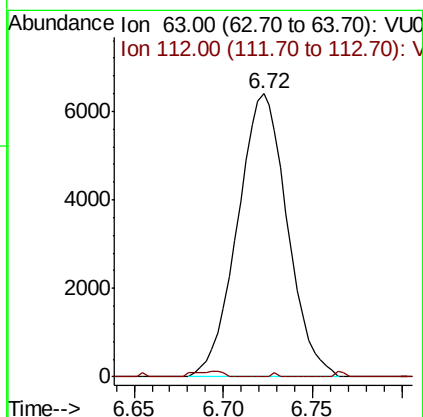
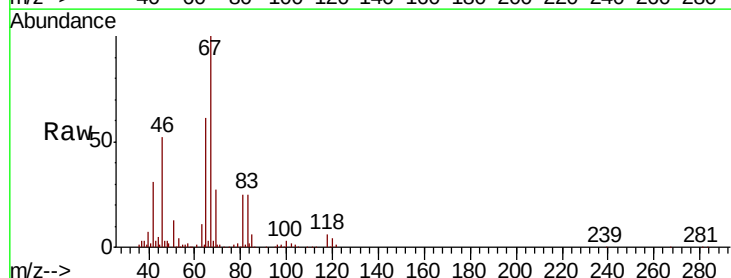
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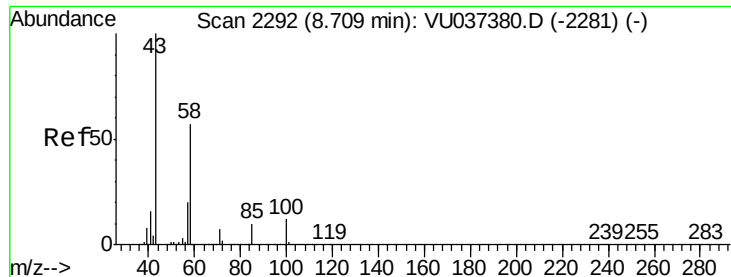
Tot Ion: 83 Resp: 7702
Ion Ratio Lower Upper
83 100
85 79.1 45.1 83.7



#37
1,2-Dichloropropane
Concen: 5.619 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037391.D
Acq: 28 Mar 2020 00:02

Tgt Ion: 63 Resp: 12466
Ion Ratio Lower Upper
63 100
112 0.7 3.4 5.0#





#48

2-Hexanone

Concen: 4.806 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU037391.D

Acq: 28 Mar 2020 00:02

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 13271

Ion Ratio Lower Upper

43 100

58 34.1 45.3 67.9#

57 25.4 16.2 24.2#

100 0.0 9.7 14.5#

