

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037087.D
 Acq On : 05 Mar 2020 16:33
 Operator : JC/MD
 Sample : L1780-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ7

Quant Time: Mar 05 22:39:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	246763	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	235809	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	82456	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75492	36.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.86%
7) Chloroethane-d5	1.93	69	77886	45.42	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.84%
11) 1,1-Dichloroethene-d2	2.59	63	105854	30.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.00%
21) 2-Butanone-d5	4.67	46	138760	99.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.83%
24) Chloroform-d	5.11	84	152928	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
26) 1,2-Dichloroethane-d4	5.74	65	105663	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	5.76	84	321171	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.72	67	109900	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.50%
41) Toluene-d8	7.92	98	280434	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%
43) trans-1,3-Dichloropropene-	8.20	79	43210	42.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.18%
47) 2-Hexanone-d5	8.66	63	91332	84.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.55%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	155398	49.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.78%
64) 1,2-Dichlorobenzene-d4	12.21	152	85789	53.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.44%

Target Compounds

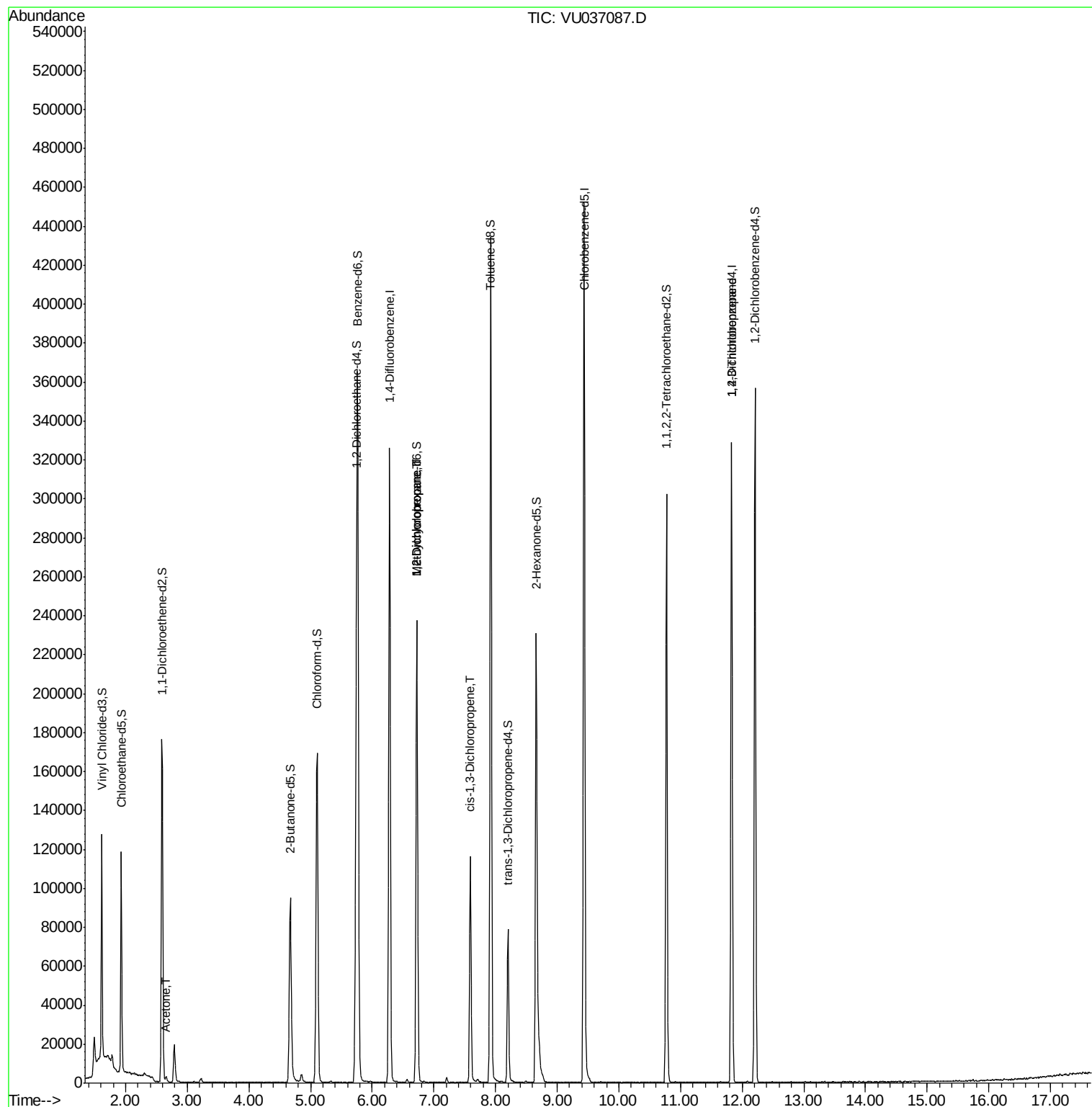
					Ovalue
13) Acetone	2.66	43	3150	2.203 ug/L	92
35) Methylcyclohexane	6.72	83	23758	7.484 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11940	5.953 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3042	0.985 ug/L #	65
59) 1,2,3-Trichloropropane	11.83	75	13285	5.149 ug/L	96

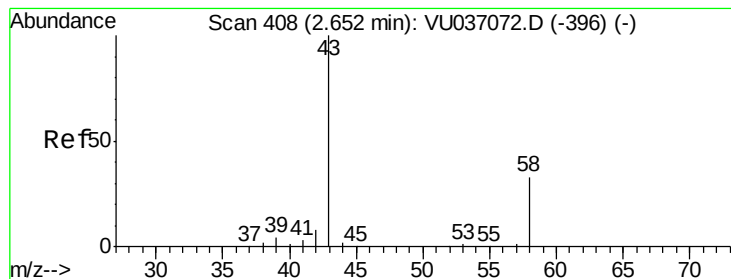
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.203 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037087.D

Acq: 05 Mar 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

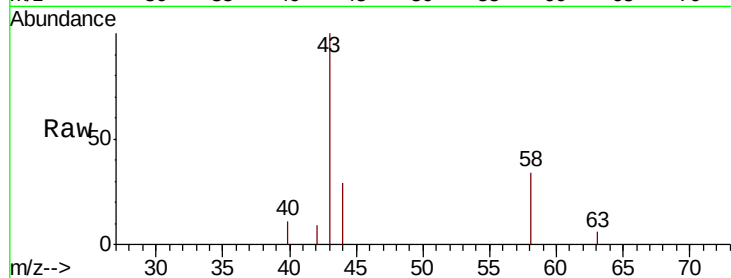
C0DJ7

Tot Ion: 43 Resp: 3150

Ion Ratio Lower Upper

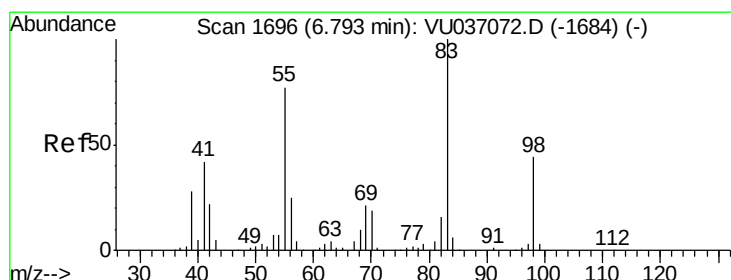
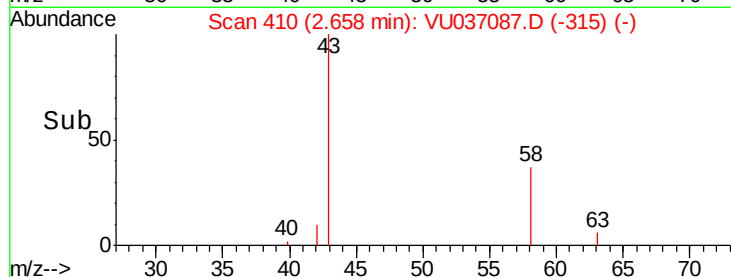
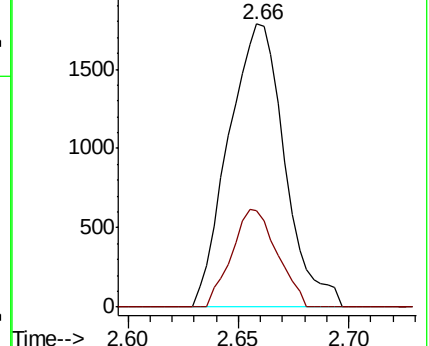
43 100

58 27.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037087.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU037087.D (-315) (-)



#35

Methylcyclohexane

Concen: 7.484 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037087.D

Acq: 05 Mar 2020 16:33

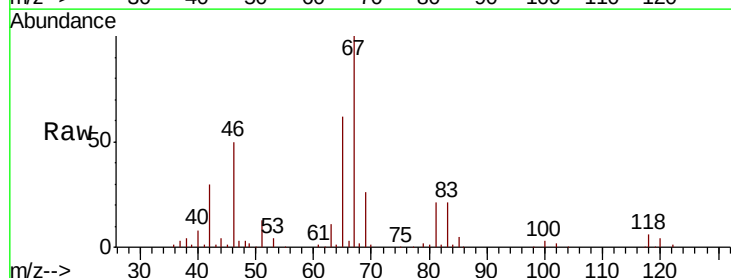
Tgt Ion: 83 Resp: 23758

Ion Ratio Lower Upper

83 100

55 0.2 62.6 93.8#

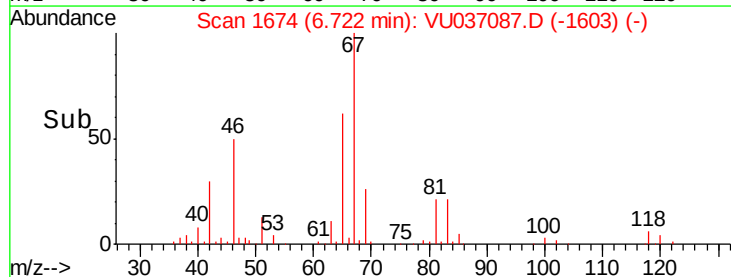
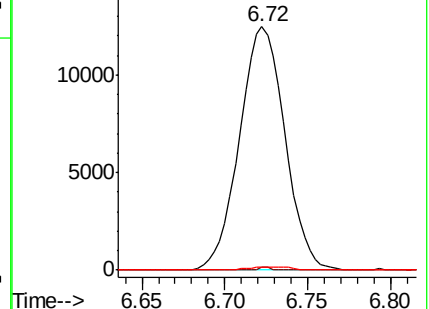
98 0.2 35.1 52.7#

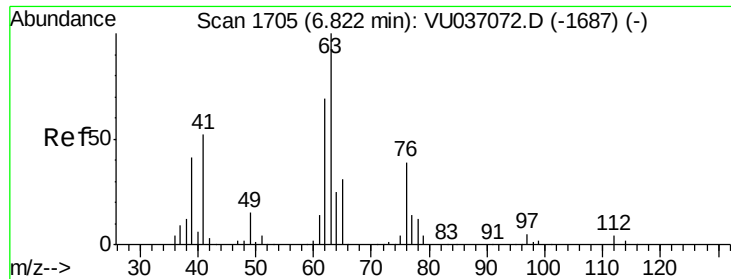


Abundance Ion 83.00 (82.70 to 83.70): VU037087.D (-1603) (-)

Ion 55.00 (54.70 to 55.70): VU037087.D (-1603) (-)

Ion 98.00 (97.70 to 98.70): VU037087.D (-1603) (-)

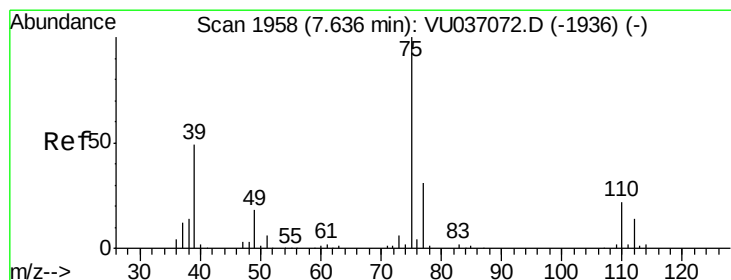
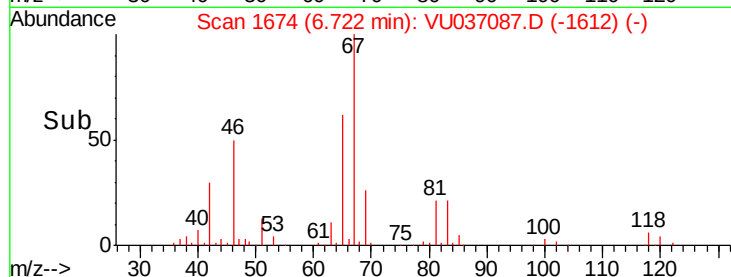
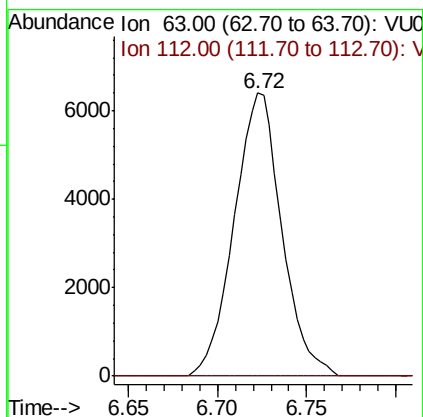
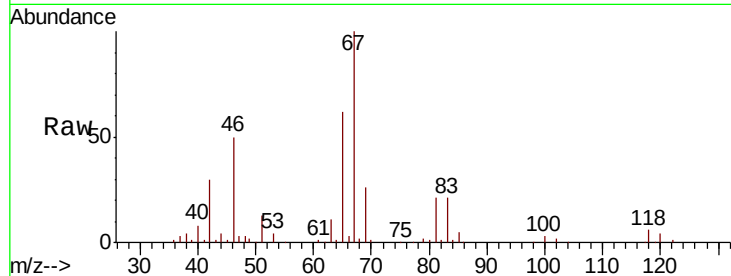




#37
 1,2-Dichloropropane
 Concen: 5.953 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037087.D
 Acq: 05 Mar 2020 16:33

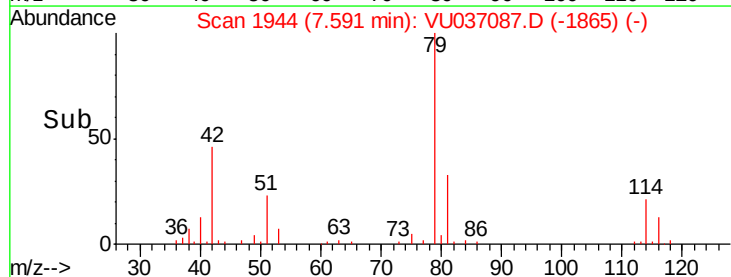
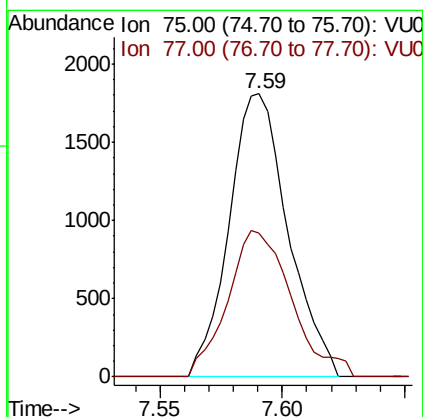
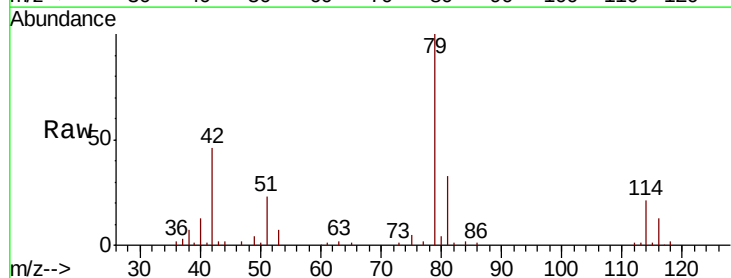
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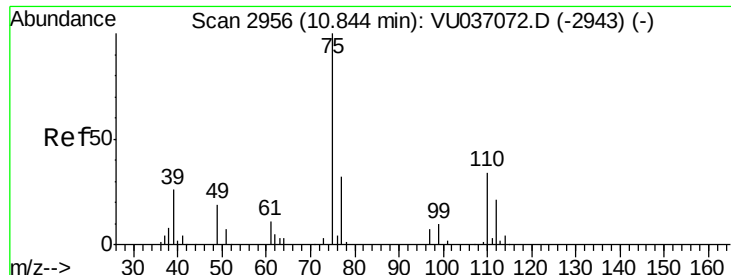
Tot Ion: 63 Resp: 11940
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.985 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037087.D
 Acq: 05 Mar 2020 16:33

Tgt Ion: 75 Resp: 3042
 Ion Ratio Lower Upper
 75 100
 77 51.0 22.0 41.0#





#59
 1,2,3-Trichloropropane
 Concen: 5.149 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037087.D
 Acq: 05 Mar 2020 16:33

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ7

Tot Ion: 75 Resp: 13285
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.2 39.2

