

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037118.D
 Acq On : 06 Mar 2020 18:55
 Operator : JC/MD
 Sample : L1834-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:04:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	261950	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	250500	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	84406	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88046	40.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.04%
7) Chloroethane-d5	1.93	69	82625	45.39	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.78%
11) 1,1-Dichloroethene-d2	2.59	63	117179	31.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.62%
21) 2-Butanone-d5	4.67	46	135894	92.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.10%
24) Chloroform-d	5.11	84	150583	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
26) 1,2-Dichloroethane-d4	5.74	65	103151	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
32) Benzene-d6	5.76	84	321589	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
36) 1,2-Dichloropropane-d6	6.72	67	106241	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.54%
41) Toluene-d8	7.93	98	283145	42.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.26%
43) trans-1,3-Dichloropropene-	8.20	79	42891	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.66%
47) 2-Hexanone-d5	8.66	63	85756	74.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.73%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	144163	43.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.14%
64) 1,2-Dichlorobenzene-d4	12.21	152	79213	48.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.02%

Target Compounds

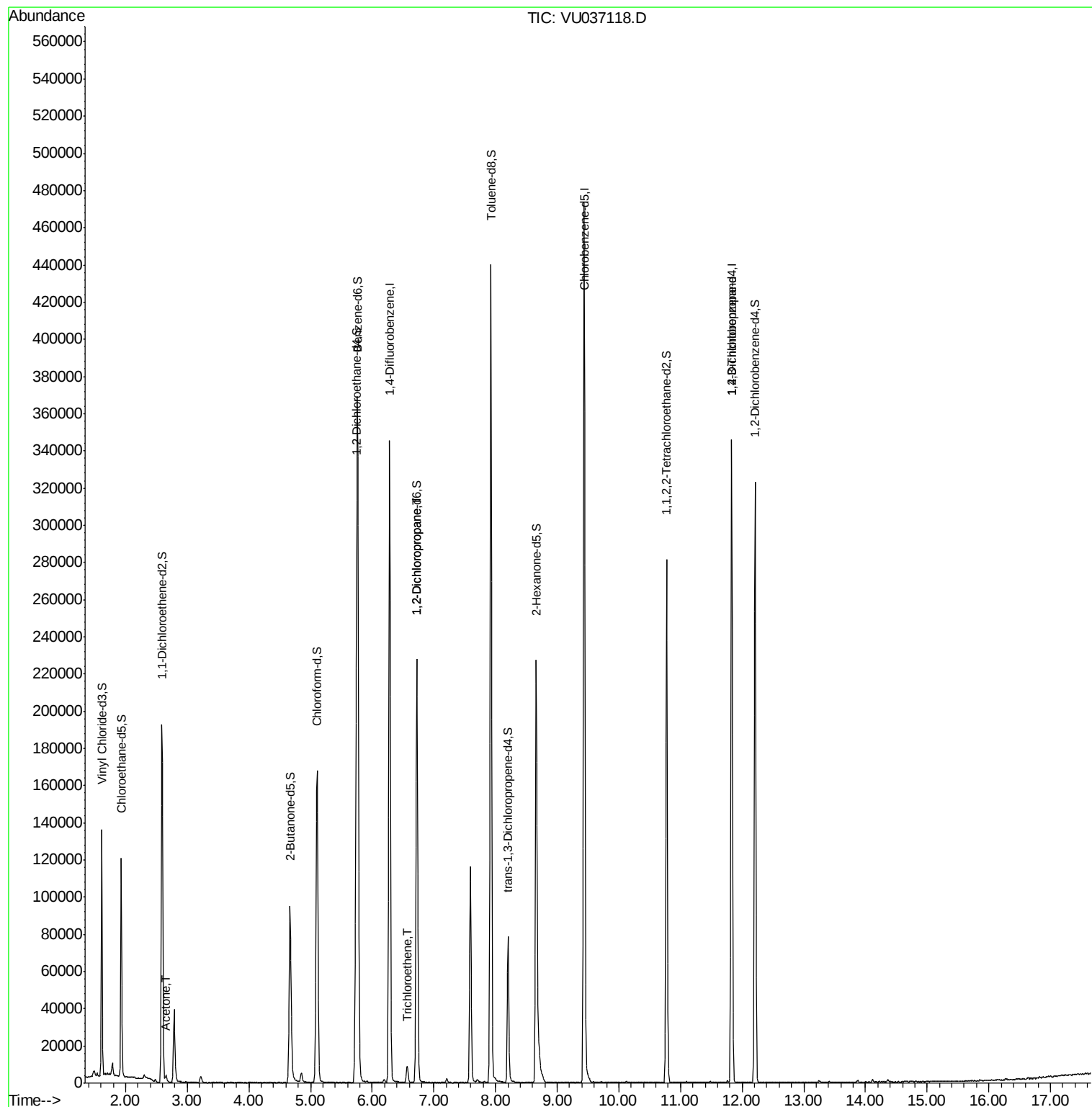
					Ovalue
13) Acetone	2.66	43	3859	2.543 ug/L	95
34) Trichloroethene	6.57	95	1754	0.902 ug/L	99
37) 1,2-Dichloropropane	6.73	63	11562	5.426 ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	13840	5.049 ug/L	96

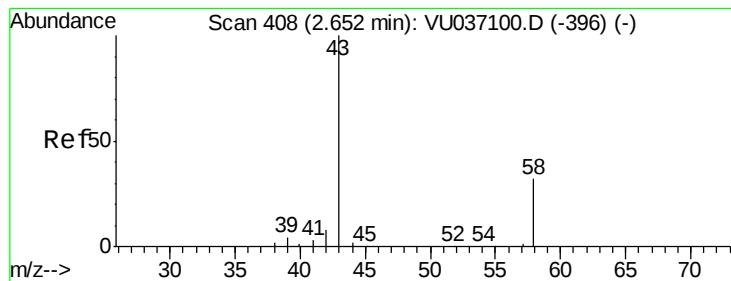
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.543 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037118.D

Acq: 06 Mar 2020 18:55

Instrument :

MSVOA_U

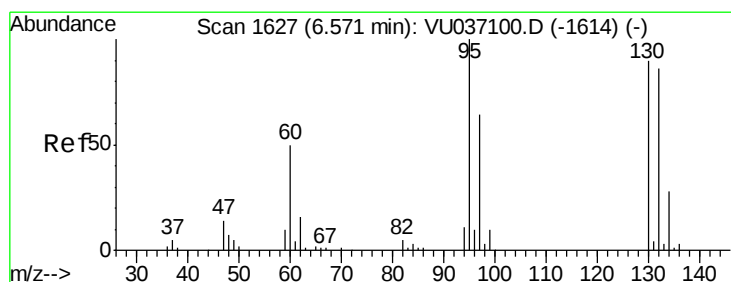
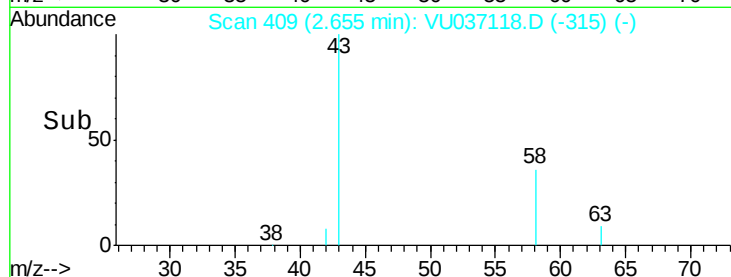
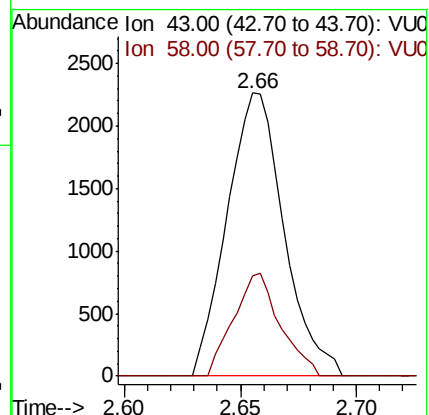
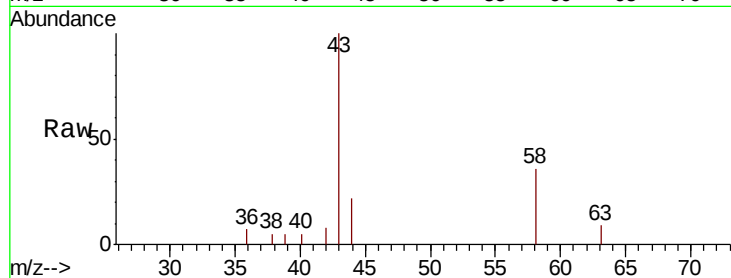
ClientSampled :

Tot Ion: 43 Resp: 3859

Ion Ratio Lower Upper

43 100

58 29.8 0.0 64.6



#34

Trichloroethene

Concen: 0.902 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037118.D

Acq: 06 Mar 2020 18:55

Tgt Ion: 95 Resp: 1754

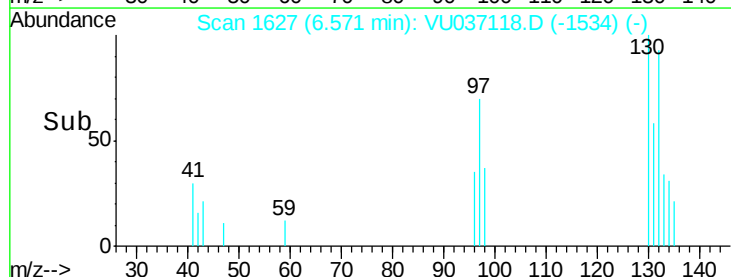
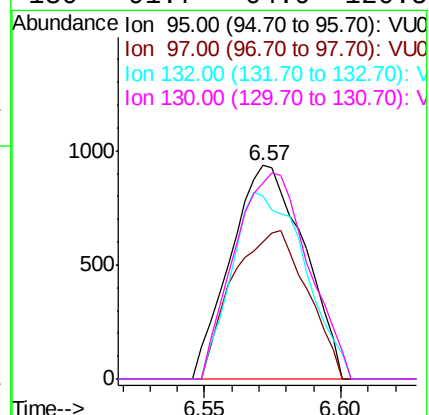
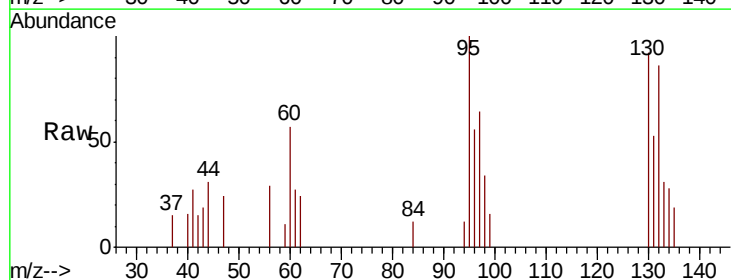
Ion Ratio Lower Upper

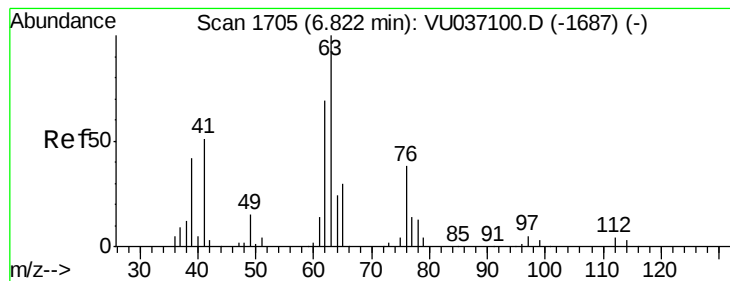
95 100

97 63.9 44.1 81.9

132 85.6 60.6 112.6

130 91.7 64.9 120.5





#37

1,2-Dichloropropane

Concen: 5.426 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037118.D

Acq: 06 Mar 2020 18:55

Instrument :

MSVOA_U

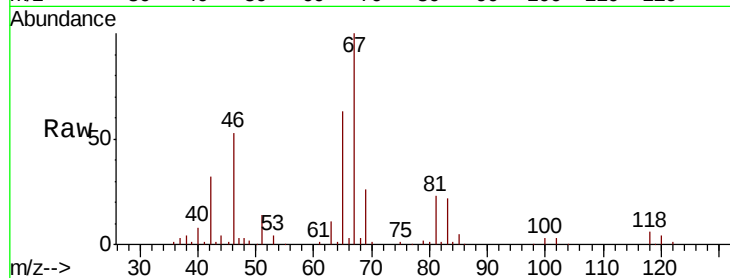
ClientSampleId :

Tot Ion: 63 Resp: 11562

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU037100.D (-1687) (-)

Ion 112.00 (111.70 to 112.70): VU037100.D (-1687) (-)

6.73

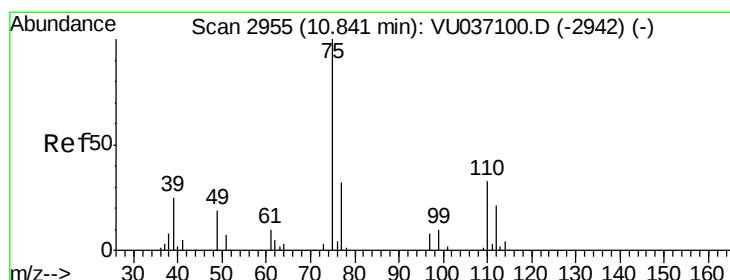
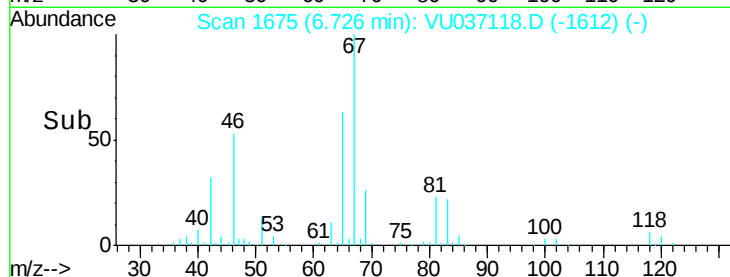
6000

4000

2000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.049 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037118.D

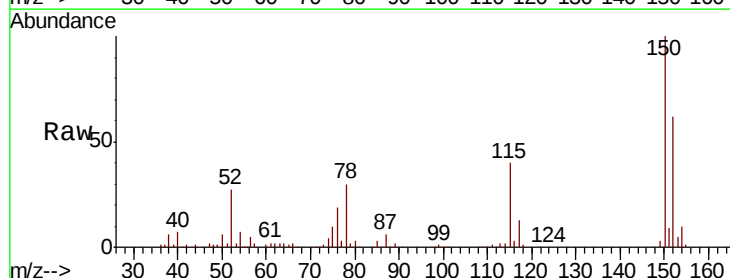
Acq: 06 Mar 2020 18:55

Tgt Ion: 75 Resp: 13840

Ion Ratio Lower Upper

75 100

77 34.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU037100.D (-2942) (-)

Ion 77.00 (76.70 to 77.70): VU037100.D (-2942) (-)

11.83

8000

6000

4000

2000

0

Time-->

