

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037081.D
 Acq On : 05 Mar 2020 14:19
 Operator : JC/MD
 Sample : L1780-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DG6

Quant Time: Mar 05 22:39:00 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	263085	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	252834	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89694	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82273	37.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.48%
7) Chloroethane-d5	1.93	69	82267	45.00	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.59	63	112696	30.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.92%
21) 2-Butanone-d5	4.67	46	149334	100.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.77%
24) Chloroform-d	5.11	84	159242	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.74	65	110253	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
32) Benzene-d6	5.76	84	336744	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
36) 1,2-Dichloropropane-d6	6.72	67	114179	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.40%
41) Toluene-d8	7.93	98	301146	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.20	79	45644	41.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.92%
47) 2-Hexanone-d5	8.66	63	101334	87.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.49%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	160484	48.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.10%
64) 1,2-Dichlorobenzene-d4	12.21	152	89015	50.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.54%

Target Compounds

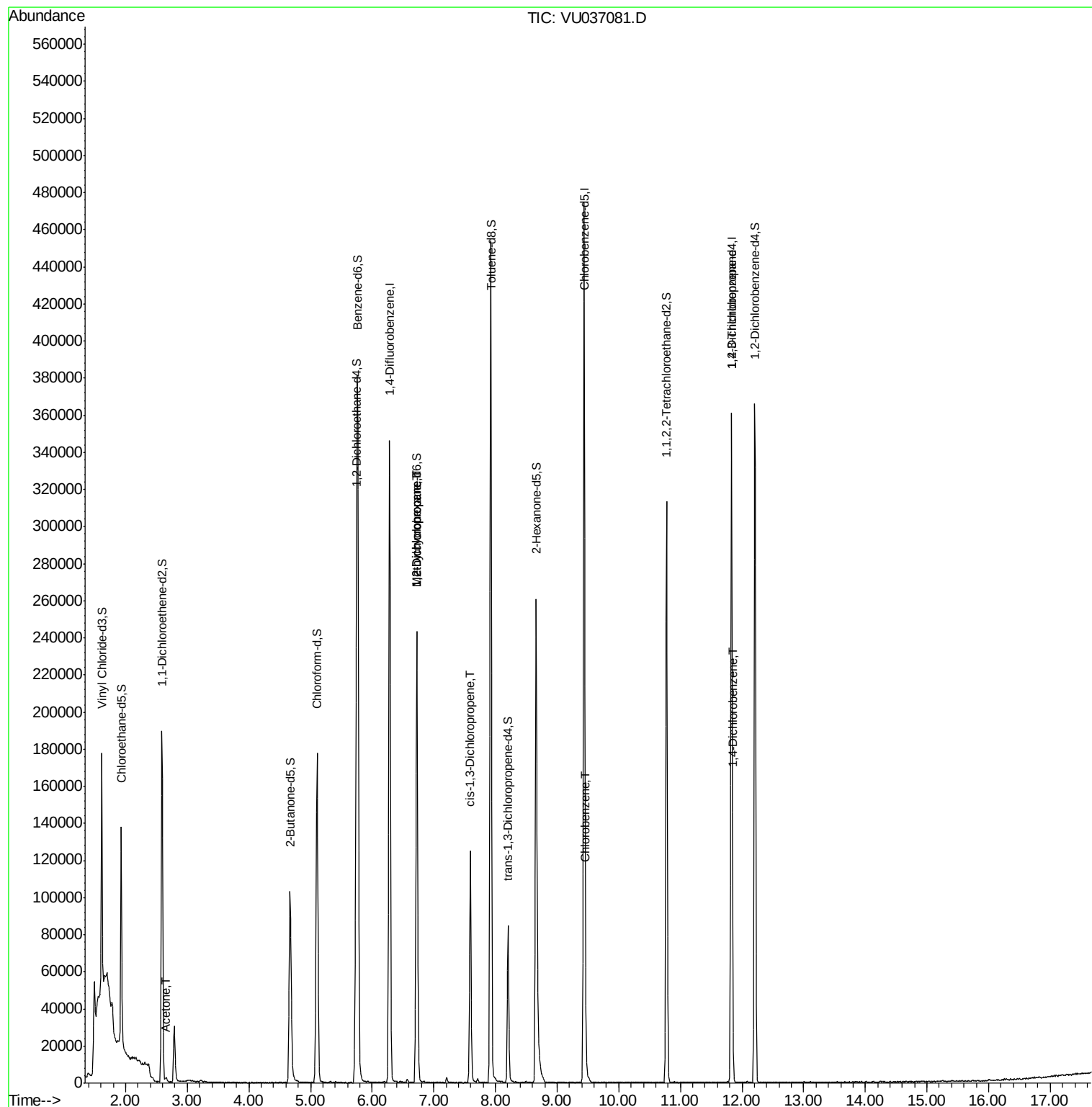
					Ovalue
13) Acetone	2.66	43	2825	1.853 ug/L	99
35) Methylcyclohexane	6.72	83	24607	7.229 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12423	5.776 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2757	0.832 ug/L #	48
51) Chlorobenzene	9.47	112	5184	1.028 ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	14674	5.304 ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	2656	0.924 ug/L	93

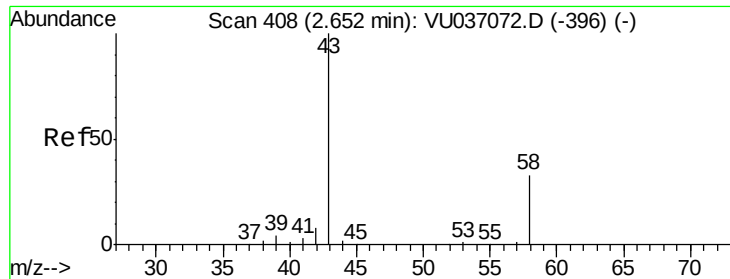
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 05 22:35:59 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.853 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037081.D

Acq: 05 Mar 2020 14:19

Instrument :

MSVOA_U

ClientSampleId :

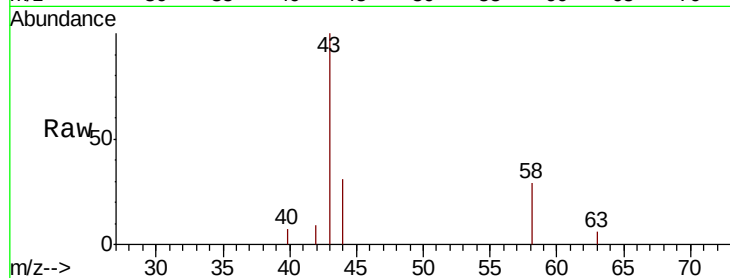
C0DG6

Tot Ion: 43 Resp: 2825

Ion Ratio Lower Upper

43 100

58 31.6 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037072.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037072.D (-396) (-)

2.66

1500

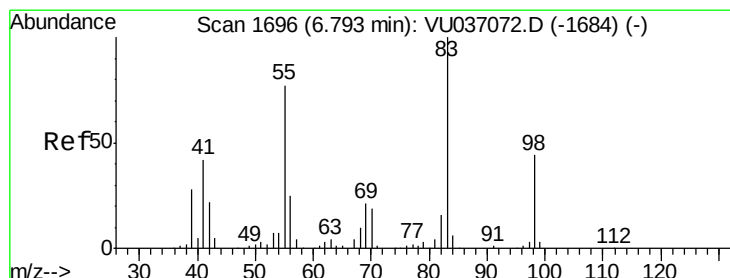
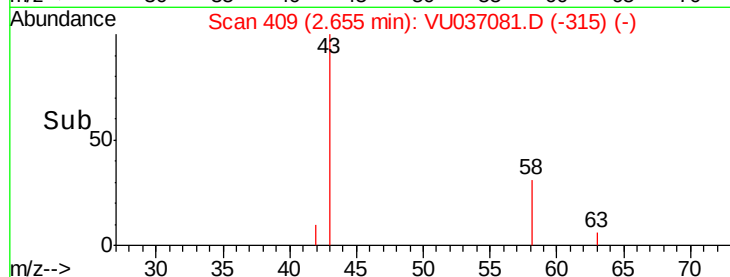
1000

500

0

2.65 2.70

Time-->



#35

Methylcyclohexane

Concen: 7.229 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037081.D

Acq: 05 Mar 2020 14:19

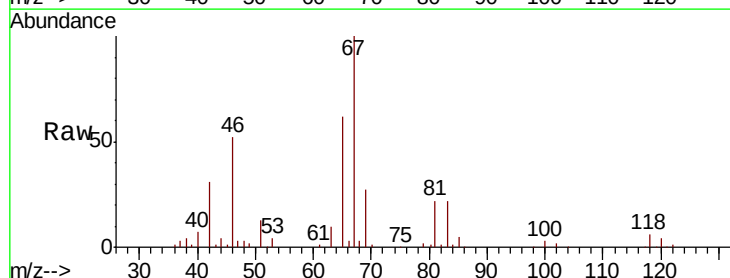
Tgt Ion: 83 Resp: 24607

Ion Ratio Lower Upper

83 100

55 0.0 62.6 93.8#

98 1.5 35.1 52.7#



Abundance Ion 83.00 (82.70 to 83.70): VU037072.D (-1684) (-)

Ion 55.00 (54.70 to 55.70): VU037072.D (-1684) (-)

Ion 98.00 (97.70 to 98.70): VU037072.D (-1684) (-)

6.72

15000

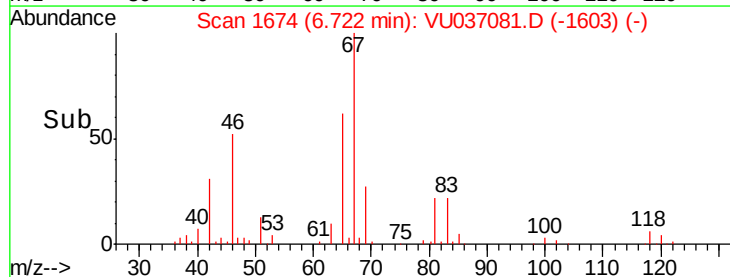
10000

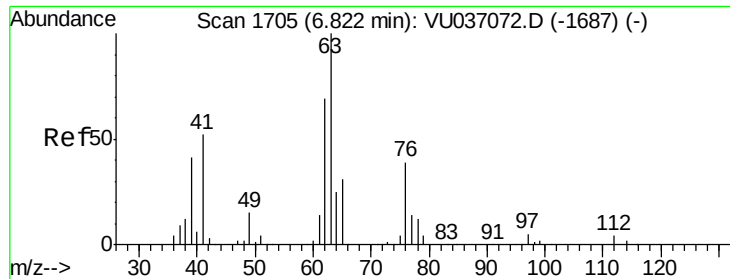
5000

0

6.65 6.70 6.75 6.80

Time-->

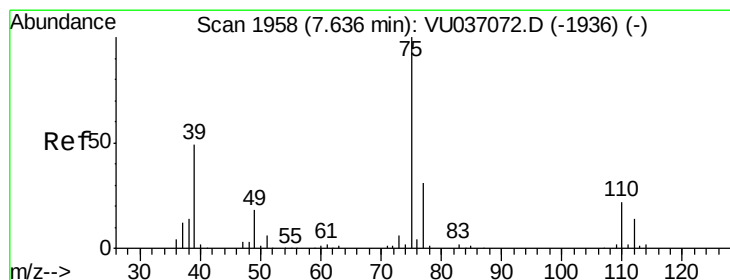
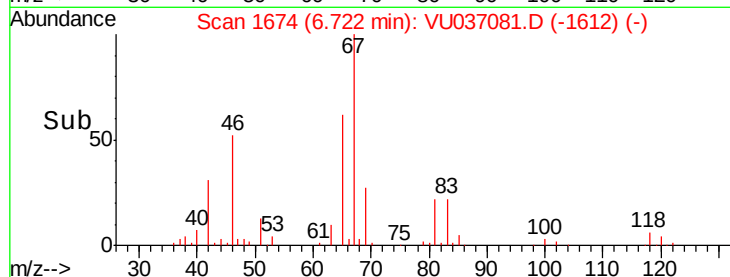
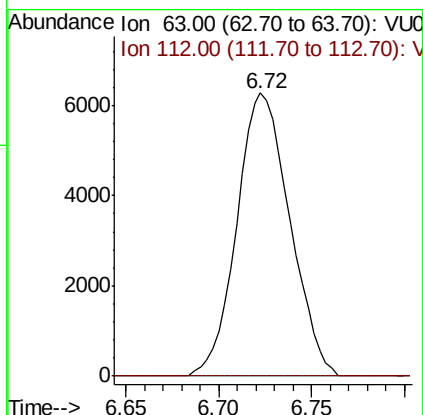
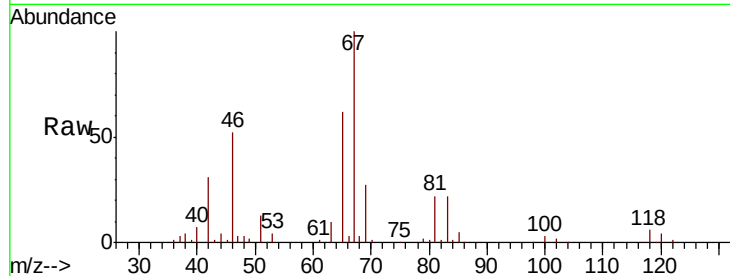




#37
 1,2-Dichloropropane
 Concen: 5.776 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037081.D
 Acq: 05 Mar 2020 14:19

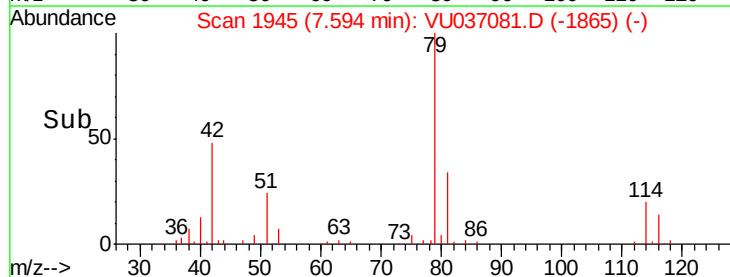
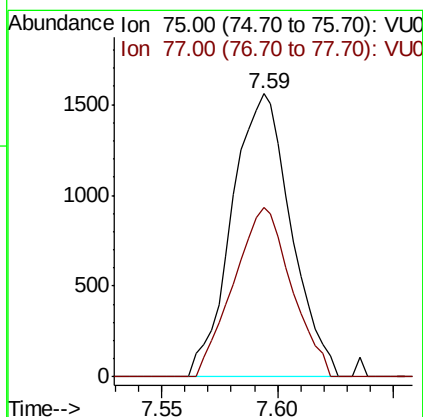
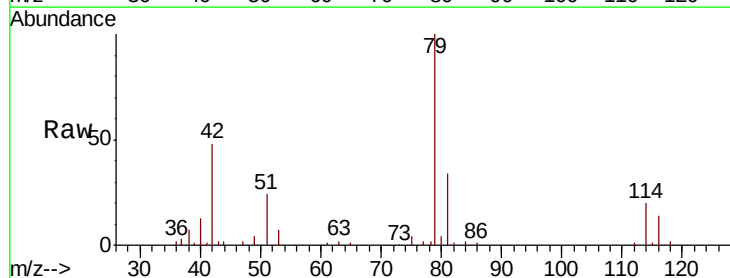
Instrument :
 MSVOA_U
 ClientSampled :
 C0DG6

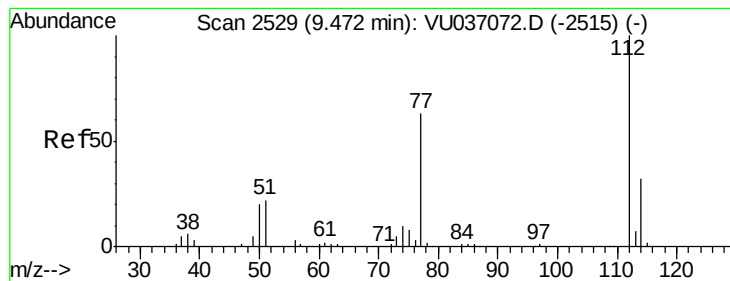
Tot Ion: 63 Resp: 12423
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.832 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037081.D
 Acq: 05 Mar 2020 14:19

Tgt Ion: 75 Resp: 2757
 Ion Ratio Lower Upper
 75 100
 77 60.0 22.0 41.0#





#51

Chlorobenzene

Concen: 1.028 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037081.D

Acq: 05 Mar 2020 14:19

Instrument :

MSVOA_U

ClientSampleId :

C0DG6

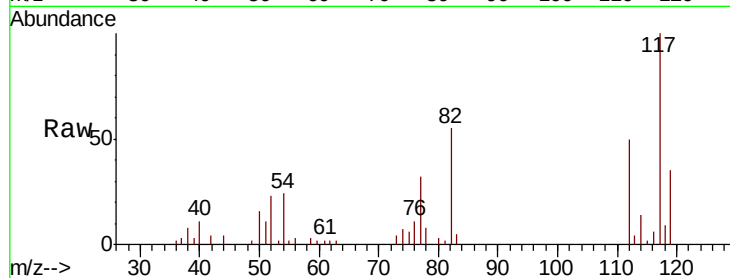
Tot Ion:112 Resp: 5184

Ion Ratio Lower Upper

112 100

114 27.5 22.3 41.5

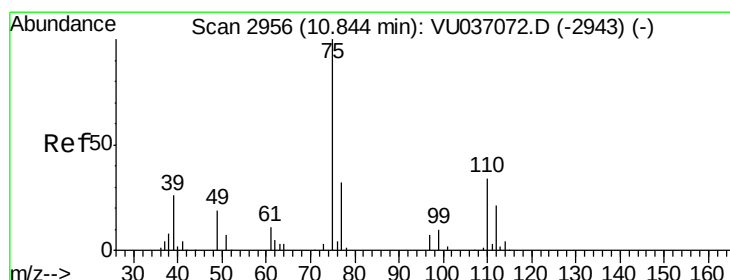
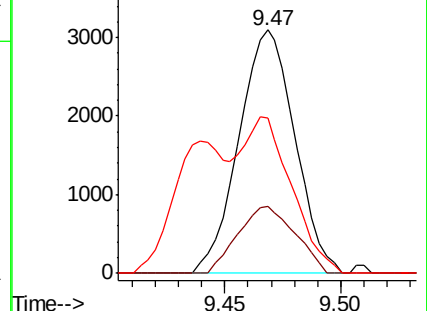
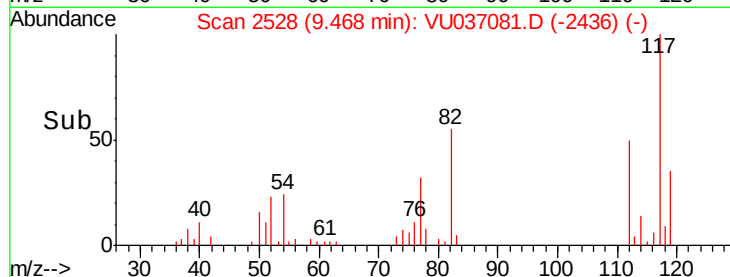
77 63.6 50.1 75.1



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 5.304 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037081.D

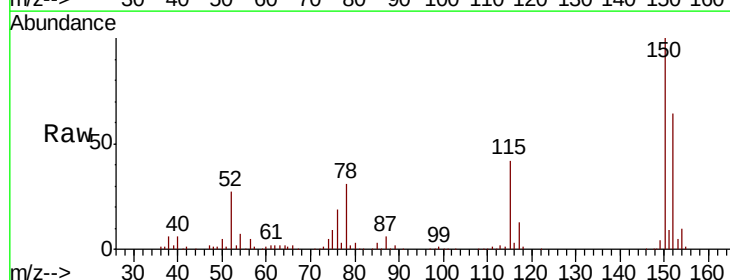
Acq: 05 Mar 2020 14:19

Tgt Ion: 75 Resp: 14674

Ion Ratio Lower Upper

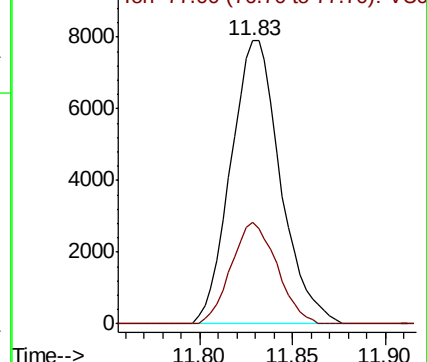
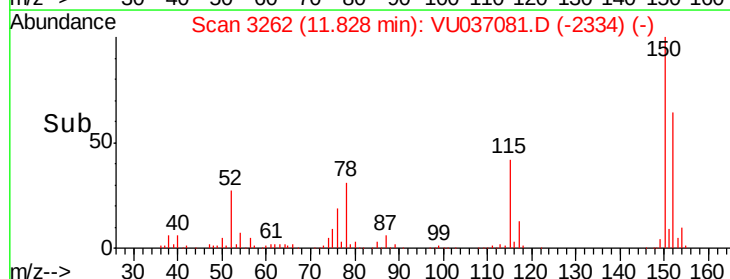
75 100

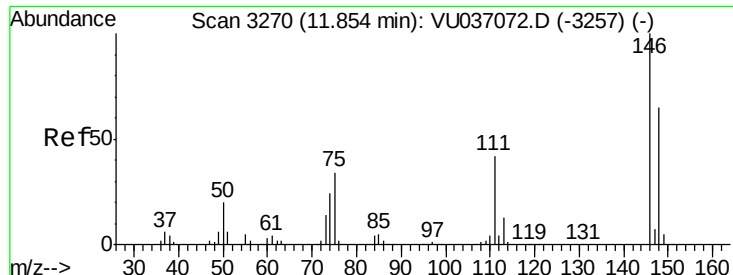
77 33.2 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V





#63

1,4-Dichlorobenzene

Concen: 0.924 ug/L

RT: 11.85 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU037081.D

Acq: 05 Mar 2020 14:19

Instrument :

MSVOA_U

ClientSampleId :

C0DG6

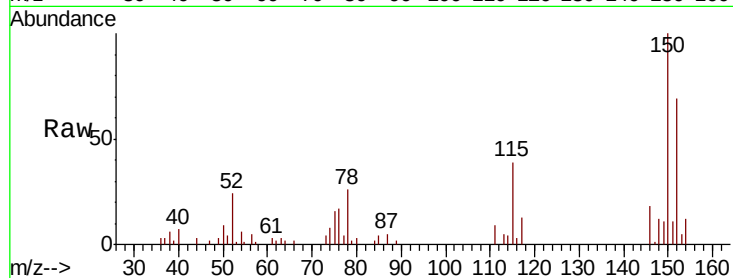
Tot Ion:146 Resp: 2656

Ion Ratio Lower Upper

146 100

111 52.1 29.8 55.4

148 66.3 45.1 83.9



Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

