

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037123.D
 Acq On : 06 Mar 2020 20:49
 Operator : JC/MD
 Sample : L1834-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:04:52 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	256044	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	245313	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85307	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89747	41.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.48%
7) Chloroethane-d5	1.93	69	82699	46.48	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.96%
11) 1,1-Dichloroethene-d2	2.59	63	118258	32.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.68%
21) 2-Butanone-d5	4.67	46	144206	99.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	5.11	84	154514	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	5.74	65	108722	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
32) Benzene-d6	5.76	84	330869	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
36) 1,2-Dichloropropane-d6	6.72	67	110098	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.92	98	292226	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.20	79	43590	40.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.62%
47) 2-Hexanone-d5	8.66	63	92518	82.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.33%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	152965	47.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.42%
64) 1,2-Dichlorobenzene-d4	12.21	152	82940	49.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.48%

Target Compounds

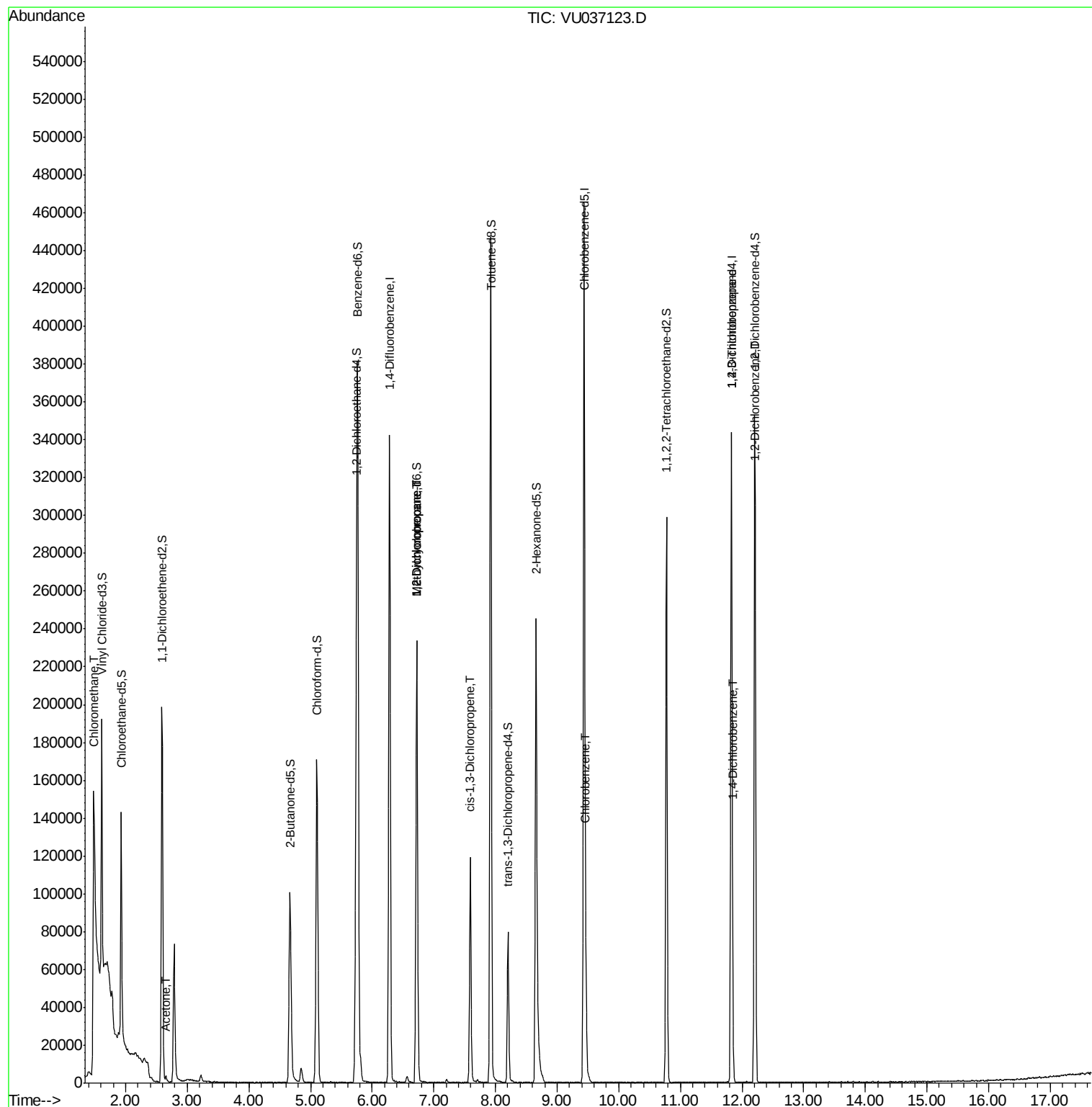
					Ovalue
3) Chloromethane	1.48	50	5735	2.295 ug/L #	42
13) Acetone	2.66	43	3232	2.179 ug/L	91
35) Methylcyclohexane	6.72	83	24785	7.505 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12116	5.806 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3017	0.939 ug/L #	82
51) Chlorobenzene	9.47	112	25119	5.135 ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	15074	5.615 ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	5300	1.938 ug/L	93
65) 1,2-Dichlorobenzene	12.22	146	2290	0.829 ug/L #	72

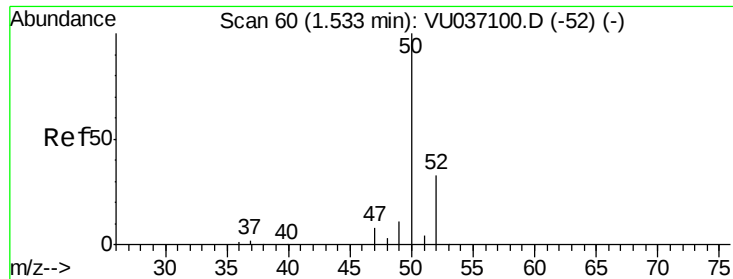
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 06 23:54:55 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 2.295 ug/L

RT: 1.48 min Scan# 45

Delta R.T. -0.05 min

Lab File: VU037123.D

Acq: 06 Mar 2020 20:49

Instrument :

MSVOA_U

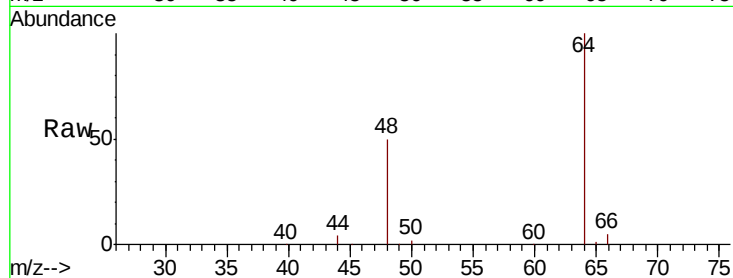
ClientSampleId :

Tot Ion: 50 Resp: 5735

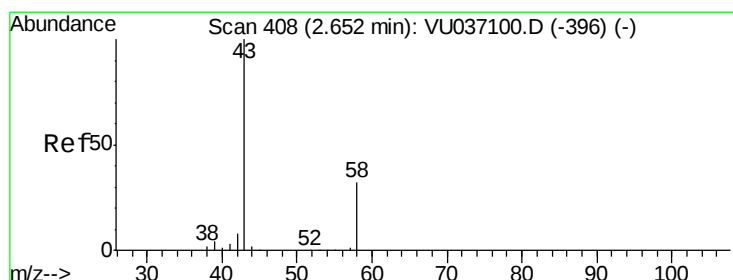
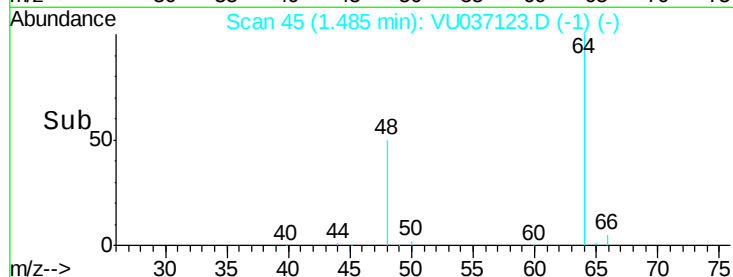
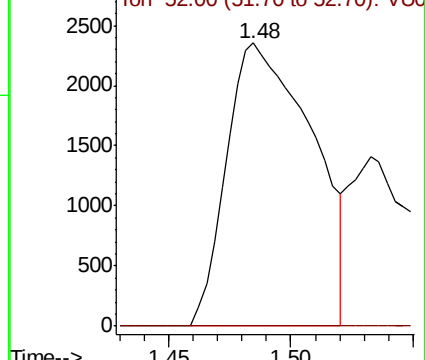
Ion Ratio Lower Upper

50 100

52 0.0 23.0 42.6#



Abundance Ion 50.00 (49.70 to 50.70): VU037123.D (-1) (-)



#13

Acetone

Concen: 2.179 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037123.D

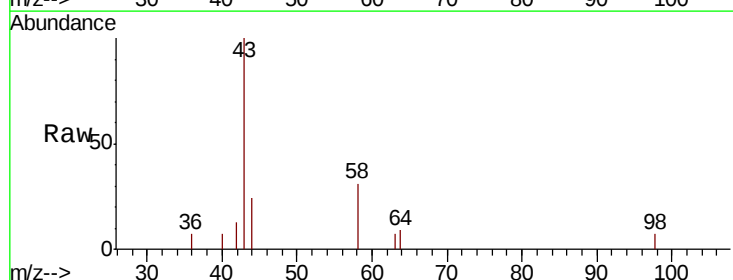
Acq: 06 Mar 2020 20:49

Tgt Ion: 43 Resp: 3232

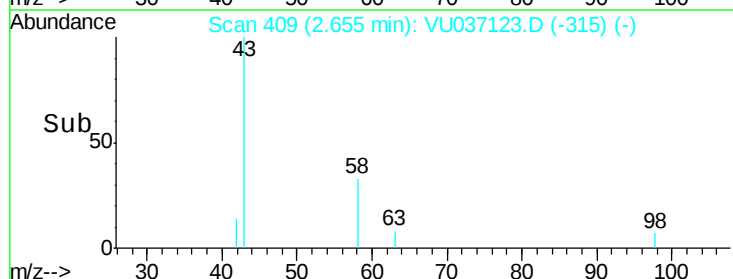
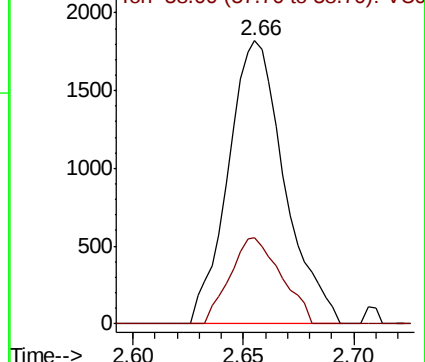
Ion Ratio Lower Upper

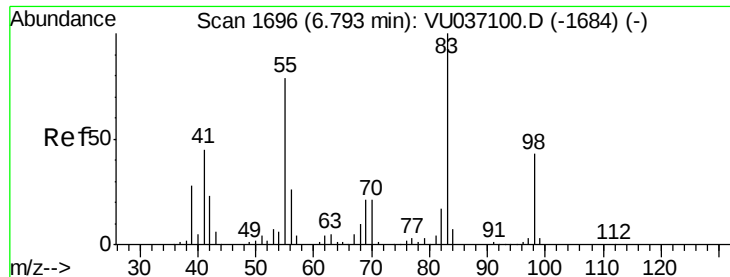
43 100

58 27.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037123.D (-315) (-)

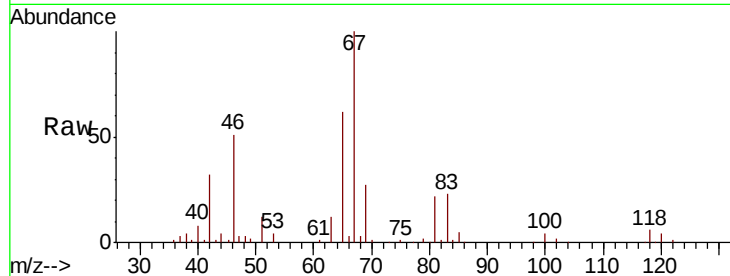




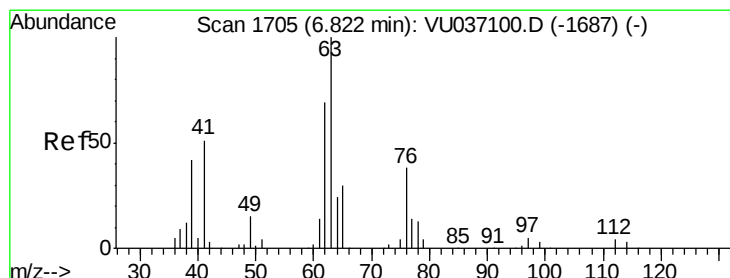
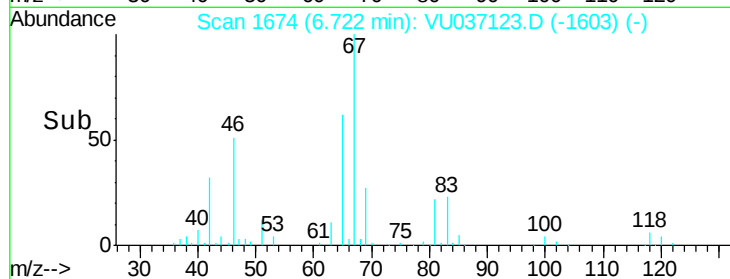
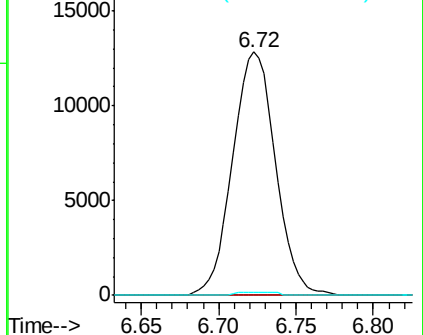
#35
Methvlcvclohexane
Concen: 7.505 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037123.D
Acq: 06 Mar 2020 20:49

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 24785
Ion Ratio Lower Upper
83 100
55 0.4 62.6 93.8#
98 0.8 35.1 52.7#

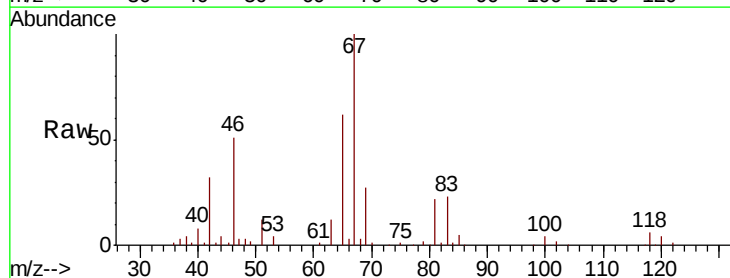


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

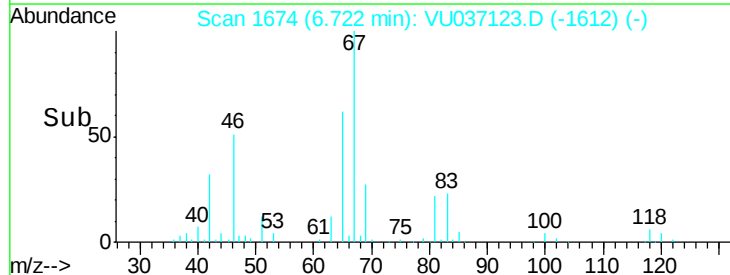
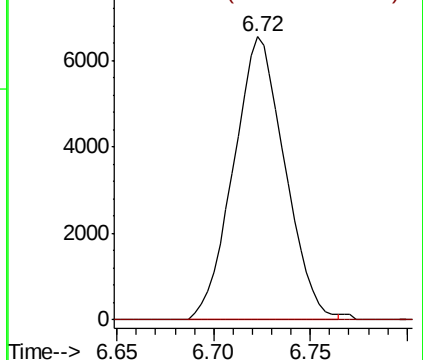


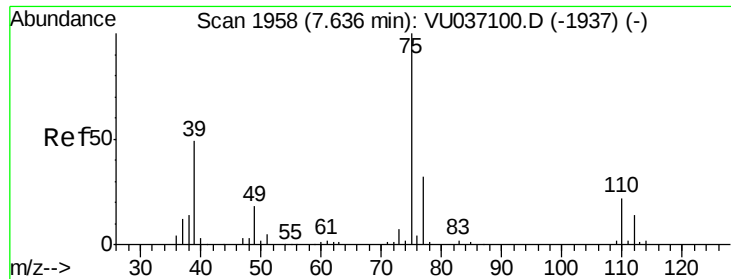
#37
1,2-Dichloropropane
Concen: 5.806 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037123.D
Acq: 06 Mar 2020 20:49

Tgt Ion: 63 Resp: 12116
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

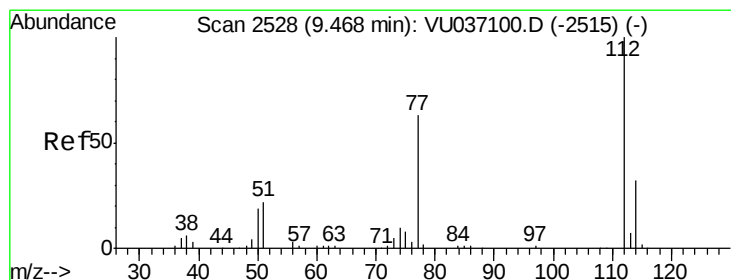
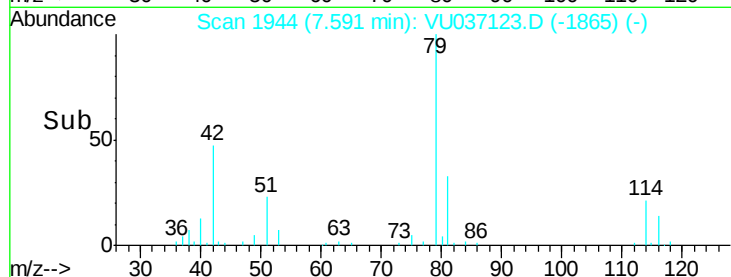
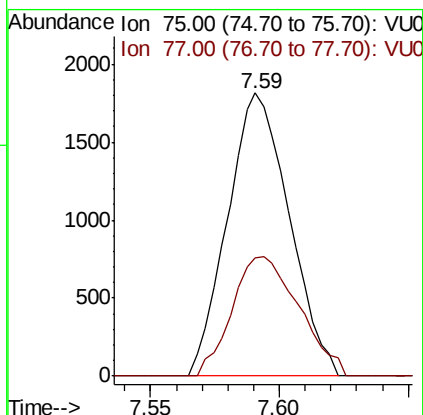
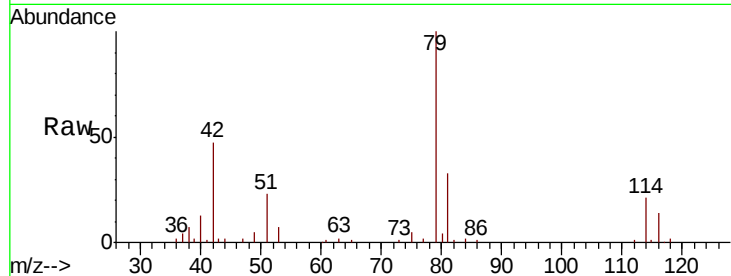




#39
 cis-1,3-Dichloropropene
 Concen: 0.939 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037123.D
 Acq: 06 Mar 2020 20:49

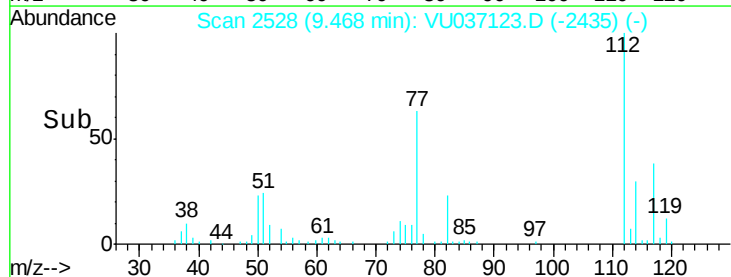
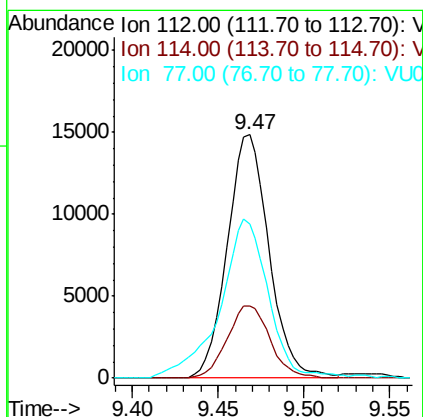
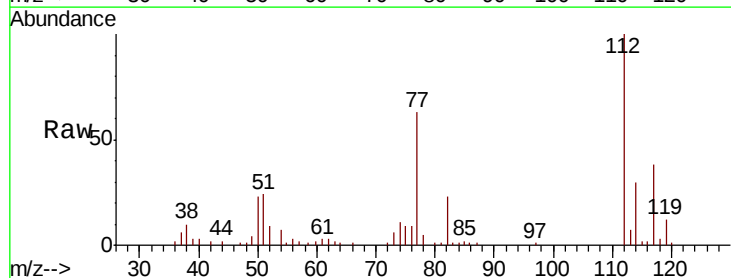
Instrument :
 MSVOA_U
 ClientSampleId :

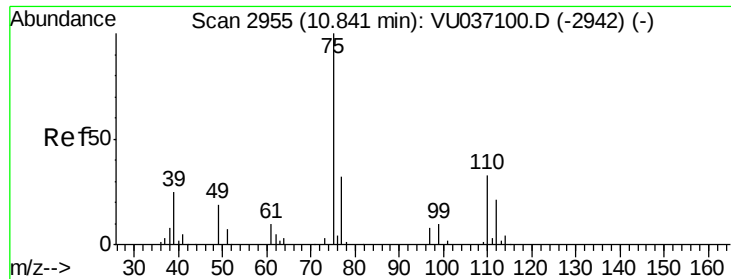
Tot Ion: 75 Resp: 3017
 Ion Ratio Lower Upper
 75 100
 77 41.6 22.0 41.0#



#51
 Chlorobenzene
 Concen: 5.135 ug/L
 RT: 9.47 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: VU037123.D
 Acq: 06 Mar 2020 20:49

Tgt Ion: 112 Resp: 25119
 Ion Ratio Lower Upper
 112 100
 114 29.8 22.3 41.5
 77 63.3 50.1 75.1

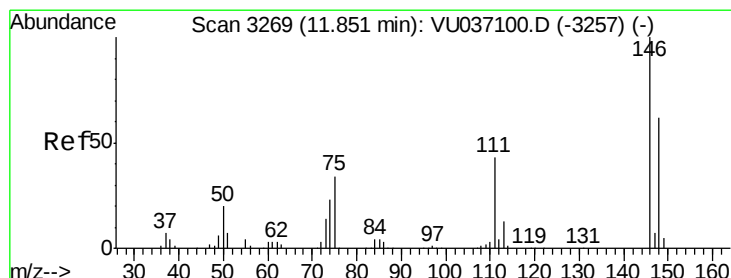
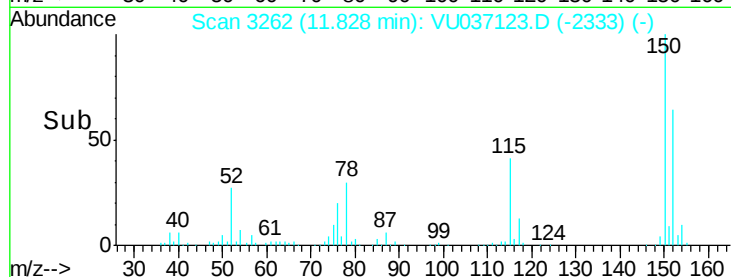
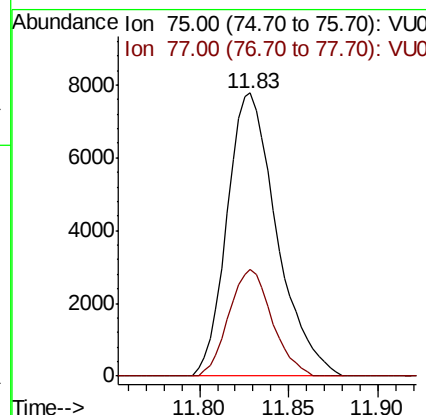
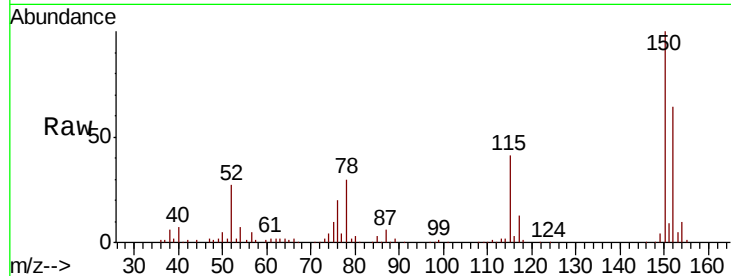




#59
 1,2,3-Trichloropropane
 Concen: 5.615 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037123.D
 Acq: 06 Mar 2020 20:49

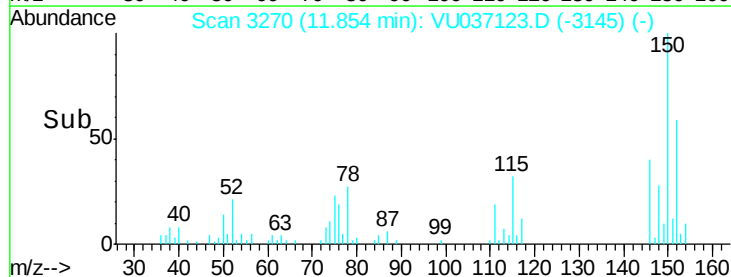
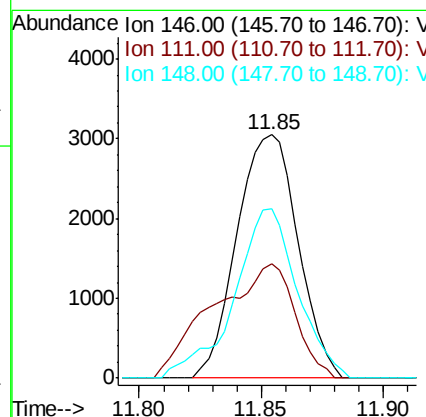
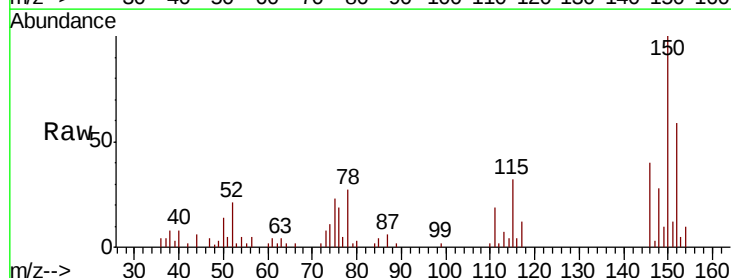
Instrument :
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 ClientSampleId :

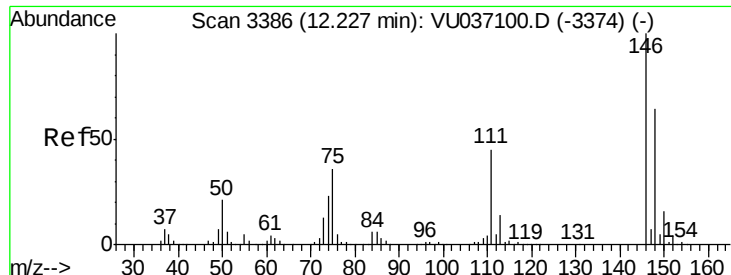
Tot Ion: 75 Resp: 15074
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.2 39.2



#63
 1,4-Dichlorobenzene
 Concen: 1.938 ug/L
 RT: 11.85 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU037123.D
 Acq: 06 Mar 2020 20:49

Tgt Ion: 146 Resp: 5300
 Ion Ratio Lower Upper
 146 100
 111 46.9 29.8 55.4
 148 69.6 45.1 83.9





#65

1,2-Dichlorobenzene

Concen: 0.829 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU037123.D

Acq: 06 Mar 2020 20:49

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:146 Resp: 2290

Ion Ratio Lower Upper

146 100

111 72.2 35.4 53.0#

148 76.9 50.5 75.7#

