

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
 Data File : VU037175.D
 Acq On : 11 Mar 2020 18:45
 Operator : JC/MD
 Sample : L1883-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONA1

Quant Time: Mar 12 01:59:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 12 01:55:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	109967	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	113280	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	37448	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36879	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.93	69	29557	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.80%
11) 1,1-Dichloroethene-d2	2.59	63	53762	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.67	46	94207	51.00	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.00%
24) Chloroform-d	5.11	84	74153	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.74	65	43966	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.76	84	133611	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.72	67	44329	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.92	98	117268	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.21	79	16934	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.66	63	70665	46.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.38%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	35165	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	37454	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

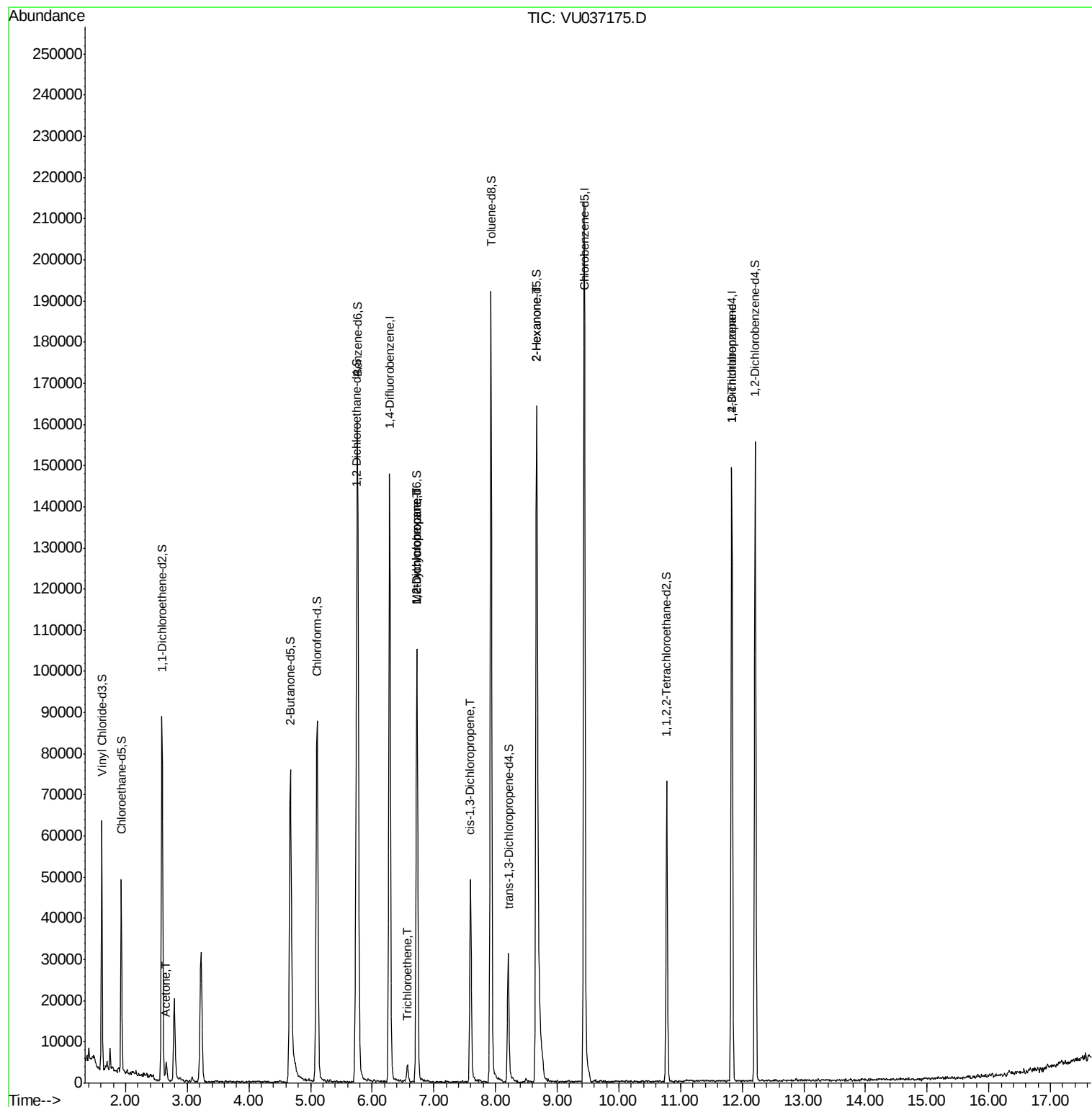
					Ovalue
13) Acetone	2.66	43	4933	3.259 ug/L	98
34) Trichloroethene	6.57	95	1254	0.139 ug/L	85
35) Methylcyclohexane	6.72	83	10655	0.762 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	6081	0.690 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	1572	0.124 ug/L #	47
48) 2-Hexanone	8.67	43	10155	2.335 ug/L #	78
59) 1,2,3-Trichloropropane	11.83	75	5444	0.863 ug/L #	86

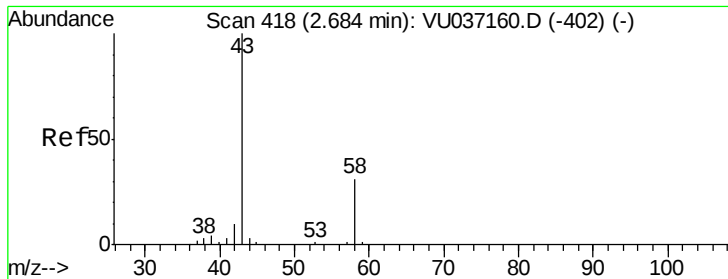
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 12 01:55:55 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.259 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.03 min

Lab File: VU037175.D

Acq: 11 Mar 2020 18:45

Instrument :

MSVOA_U

ClientSampleId :

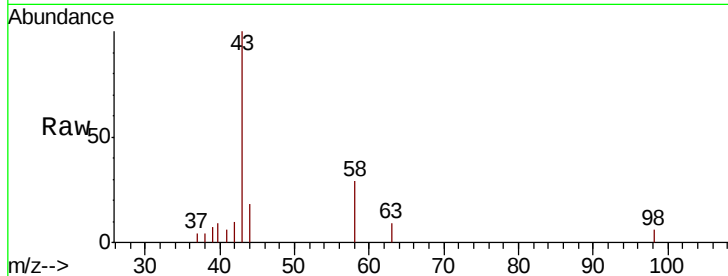
C0NA1

Tot Ion: 43 Resp: 4933

Ion Ratio Lower Upper

43 100

58 25.2 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037160.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU037160.D (-402) (-)

2.66

2500

2000

1500

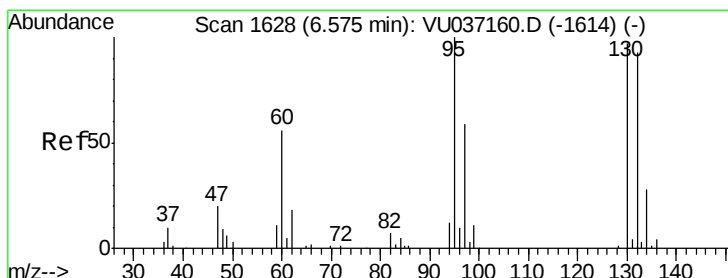
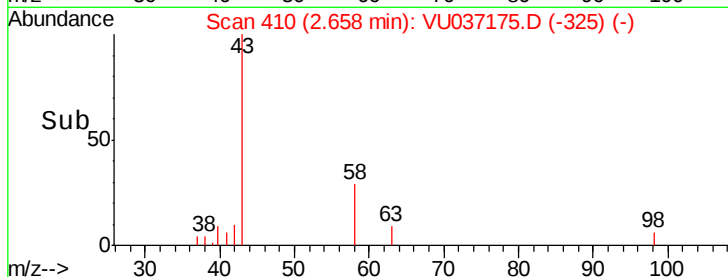
1000

500

0

2.60 2.65 2.70

Time-->



#34

Trichloroethene

Concen: 0.139 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU037175.D

Acq: 11 Mar 2020 18:45

Tgt Ion: 95 Resp: 1254

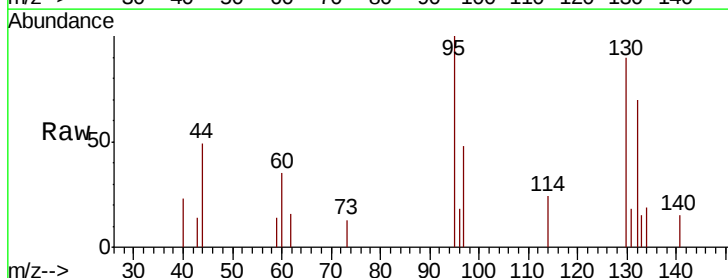
Ion Ratio Lower Upper

95 100

97 48.2 45.4 84.4

132 69.6 63.7 118.3

130 90.1 64.8 120.4



Abundance Ion 95.00 (94.70 to 95.70): VU037160.D (-1614) (-)

Ion 96.95 (96.65 to 97.65): VU037160.D (-1614) (-)

Ion 131.95 (131.65 to 132.65): VU037160.D (-1614) (-)

Ion 129.95 (129.65 to 130.65): VU037160.D (-1614) (-)

6.57

1200

1000

800

600

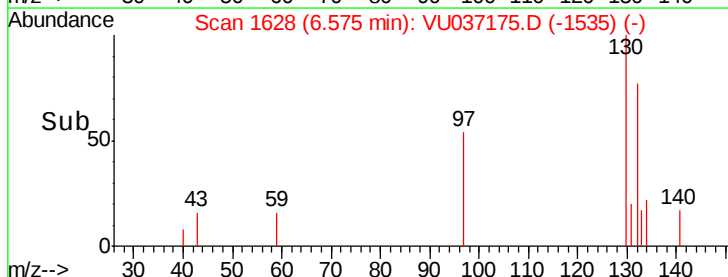
400

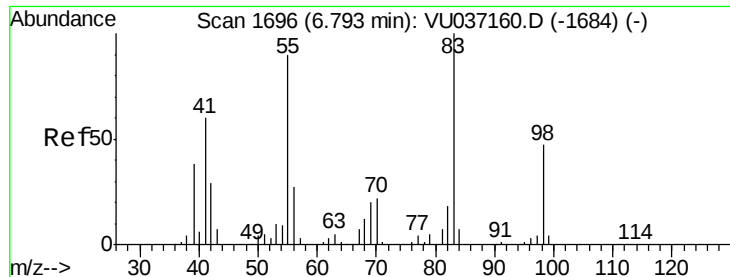
200

0

6.55 6.60

Time-->

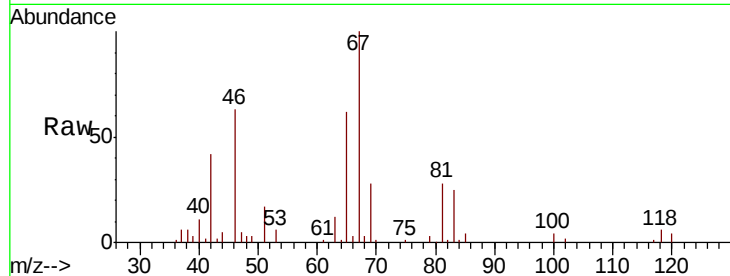




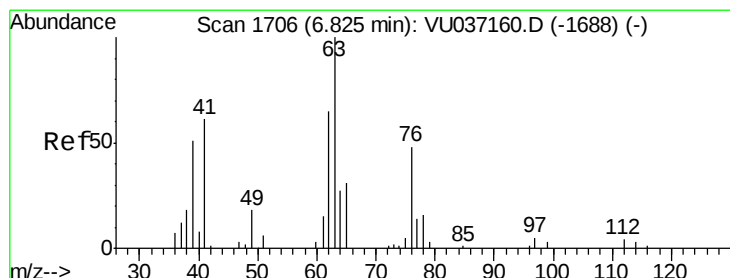
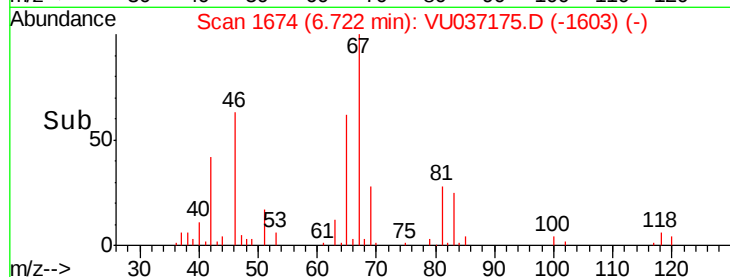
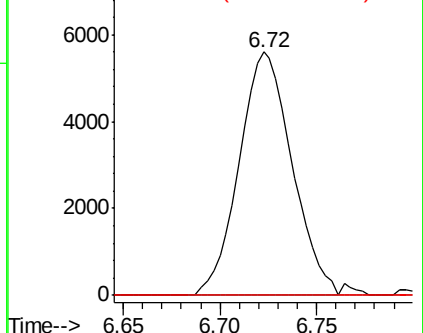
#35
Methylcyclohexane
Concen: 0.762 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037175.D
Acq: 11 Mar 2020 18:45

Instrument :
MSVOA_U
ClientSampleId :
C0NA1

Tot Ion: 83 Resp: 10655
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 1.1 37.0 55.4#

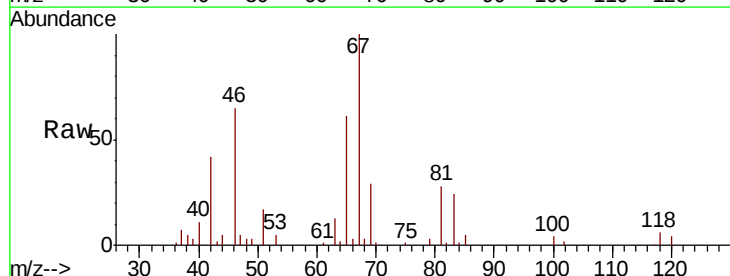


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

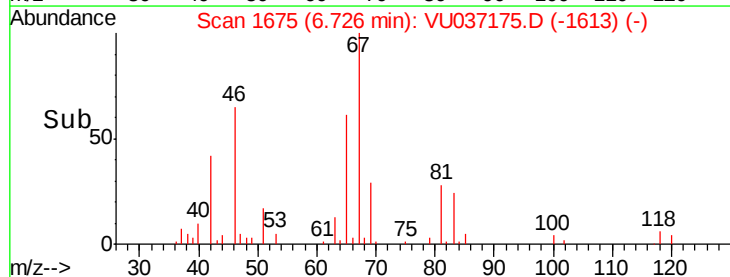
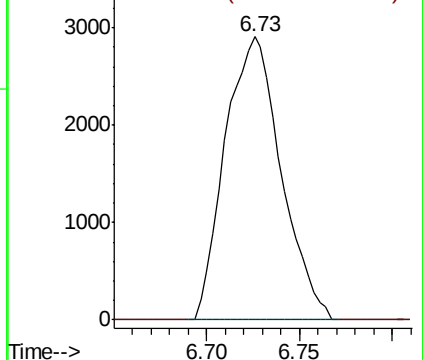


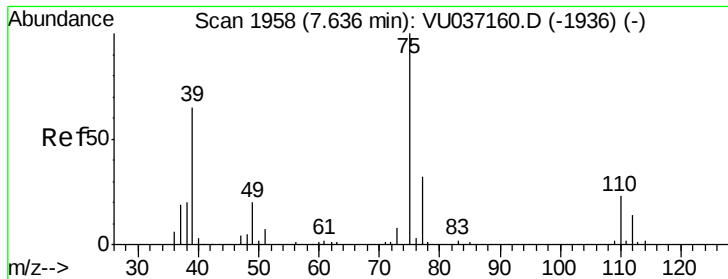
#37
1,2-Dichloropropane
Concen: 0.690 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037175.D
Acq: 11 Mar 2020 18:45

Tgt Ion: 63 Resp: 6081
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

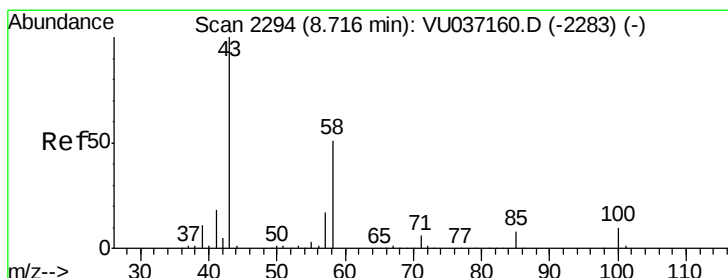
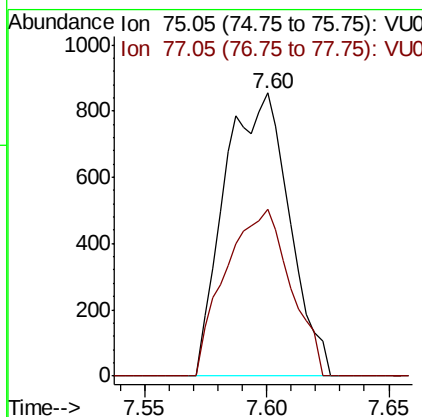
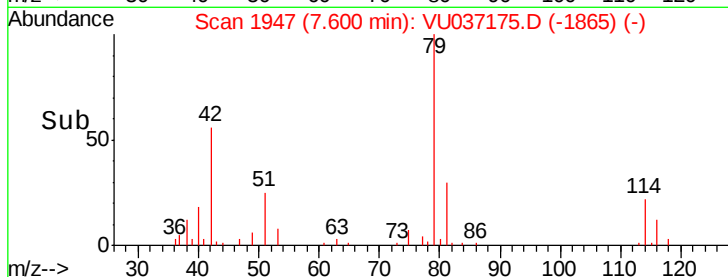
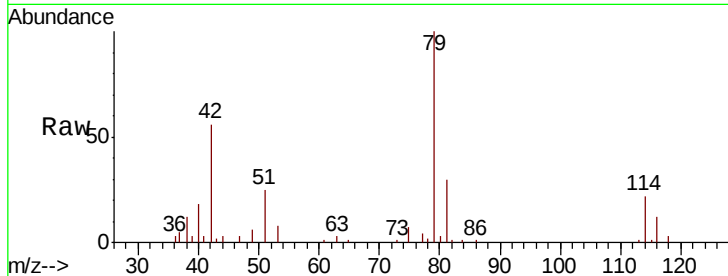




#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU037175.D
 Acq: 11 Mar 2020 18:45

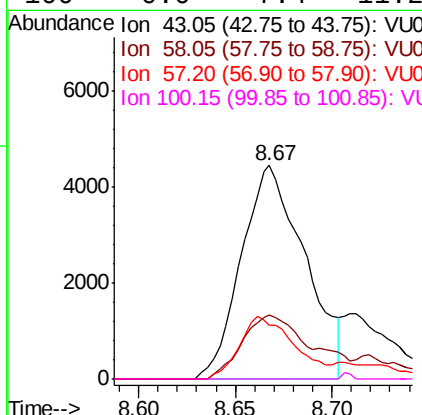
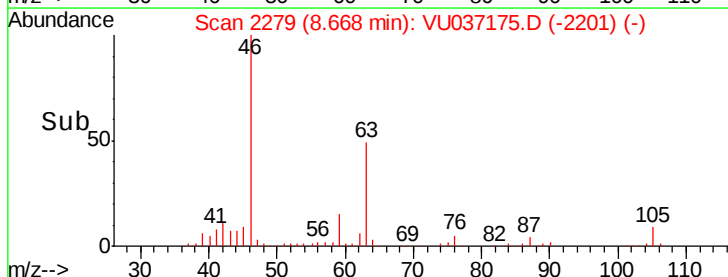
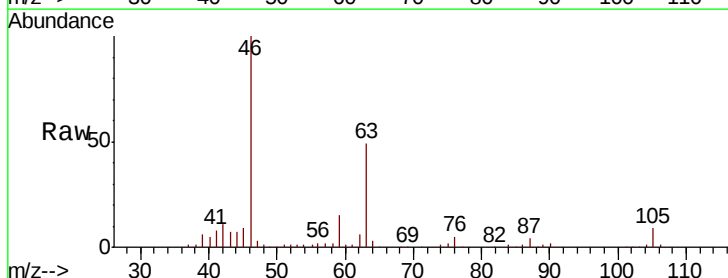
Instrument :
 MSVOA_U
 ClientSampleId :
 CONA1

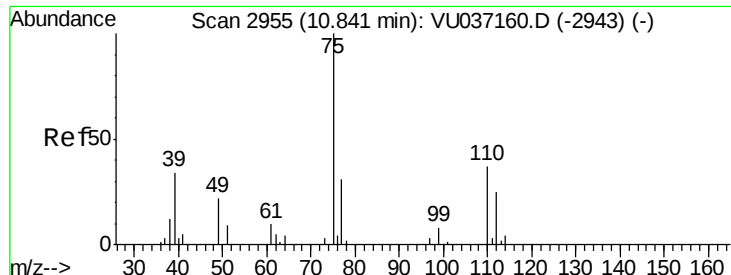
Tot Ion: 75 Resp: 1572
 Ion Ratio Lower Upper
 75 100
 77 58.9 21.1 39.1#



#48
 2-Hexanone
 Concen: 2.335 ug/L
 RT: 8.67 min Scan# 2279
 Delta R.T. -0.05 min
 Lab File: VU037175.D
 Acq: 11 Mar 2020 18:45

Tgt Ion: 43 Resp: 10155
 Ion Ratio Lower Upper
 43 100
 58 32.9 38.6 58.0#
 57 24.9 13.6 20.4#
 100 0.0 7.4 11.2#





#59

1,2,3-Trichloropropane

Concen: 0.863 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037175.D

Acq: 11 Mar 2020 18:45

Instrument :

MSVOA_U

ClientSampleId :

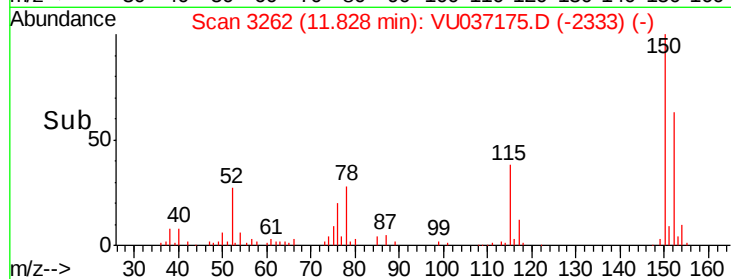
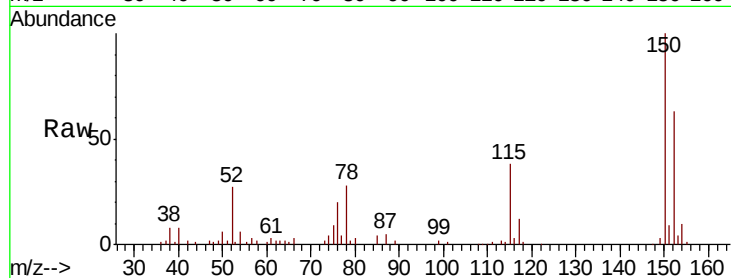
C0NA1

Tot Ion: 75 Resp: 5444

Ion Ratio Lower Upper

75 100

77 42.1 27.4 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

