

Data File : VU037056.D
Acq On : 04 Mar 2020 22:54
Operator : JC/MD
Sample : L1780-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DF6

Quant Time: Mar 05 02:57:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	249885	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	236791	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	78335	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87397	41.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.30%
7) Chloroethane-d5	1.92	69	86626	49.89	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.78%
11) 1,1-Dichloroethene-d2	2.59	63	115677	32.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.84%
21) 2-Butanone-d5	4.67	46	144318	102.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.53%
24) Chloroform-d	5.11	84	157105	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
26) 1,2-Dichloroethane-d4	5.74	65	110248	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
32) Benzene-d6	5.76	84	339740	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
36) 1,2-Dichloropropane-d6	6.72	67	112095	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.06%
41) Toluene-d8	7.92	98	295798	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%
43) trans-1,3-Dichloropropene-	8.20	79	43510	42.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.40%
47) 2-Hexanone-d5	8.66	63	95638	88.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.17%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	156498	50.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.08%
64) 1,2-Dichlorobenzene-d4	12.21	152	82531	53.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

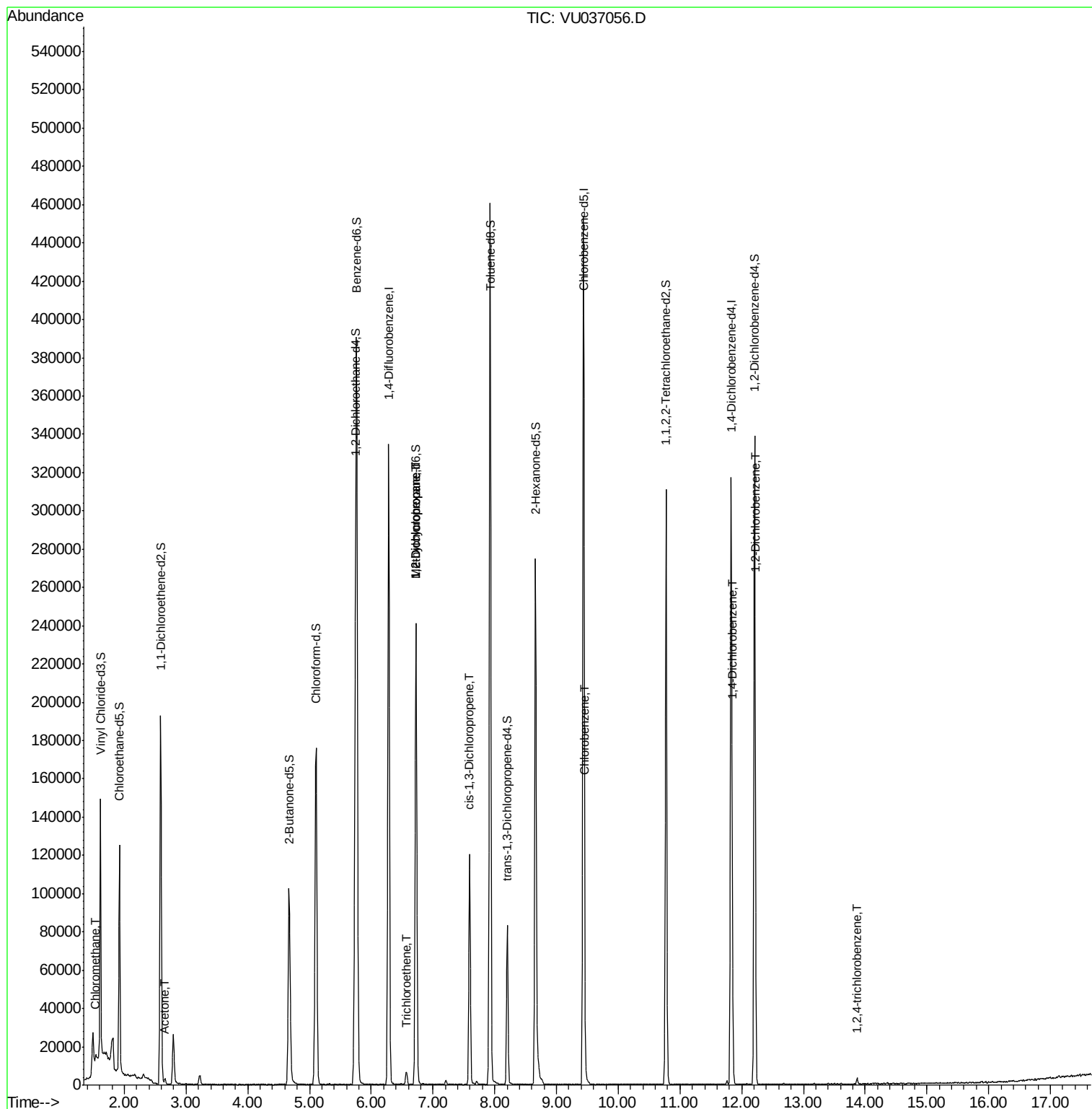
					Qvalue
3) Chloromethane	1.54	50	3254	1.334 ug/L	99
13) Acetone	2.66	43	3022	2.087 ug/L	97
34) Trichloroethene	6.57	95	1895	1.031 ug/L	85
35) Methylcyclohexane	6.72	83	24498	7.685 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12747	6.329 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2915	0.940 ug/L #	68
51) Chlorobenzene	9.47	112	4493	0.951 ug/L	91
63) 1,4-Dichlorobenzene	11.85	146	14075	5.606 ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	2533	0.998 ug/L #	92
68) 1,2,4-trichlorobenzene	13.87	180	1265	1.047 ug/L #	82

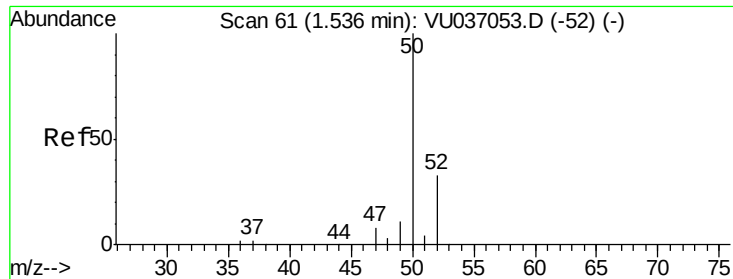
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.334 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU037056.D

Acq: 04 Mar 2020 22:54

Instrument :

MSVOA_U

ClientSampleId :

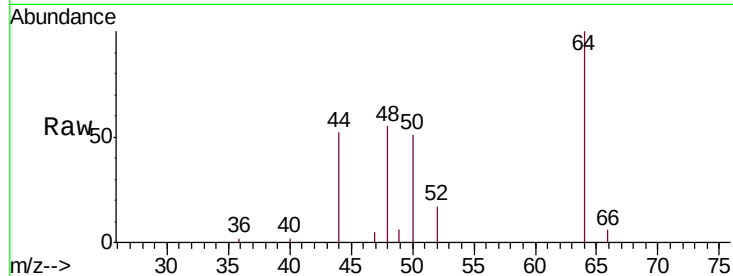
C0DF6

Tgt Ion: 50 Resp: 3254

Ion Ratio Lower Upper

50 100

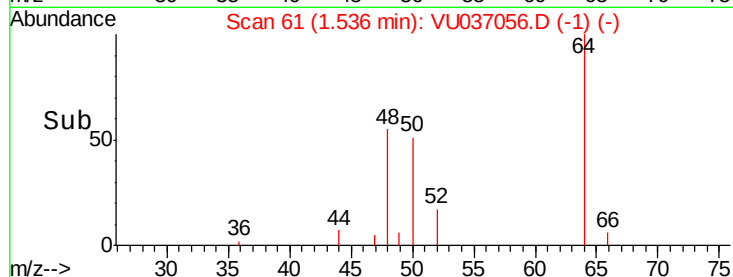
52 33.5 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU037053.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU037053.D (-52) (-)

Time-->

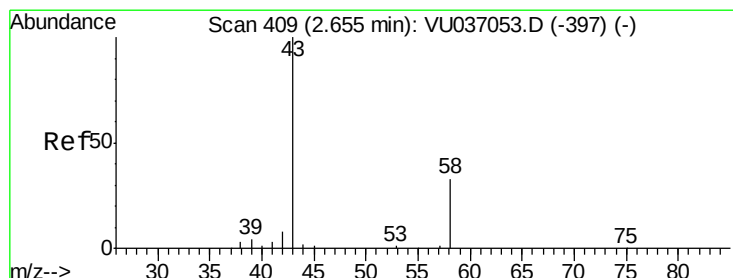


Abundance

Ion 50.00 (49.70 to 50.70): VU037056.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU037056.D (-1) (-)

Time-->



#13

Acetone

Concen: 2.087 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037056.D

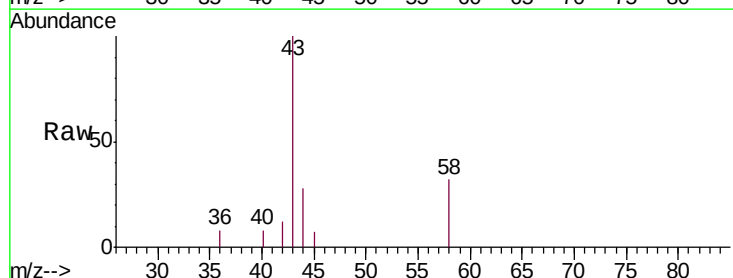
Acq: 04 Mar 2020 22:54

Tgt Ion: 43 Resp: 3022

Ion Ratio Lower Upper

43 100

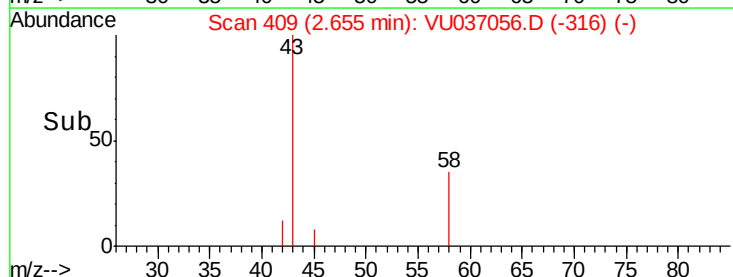
58 30.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037053.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037053.D (-397) (-)

Time-->

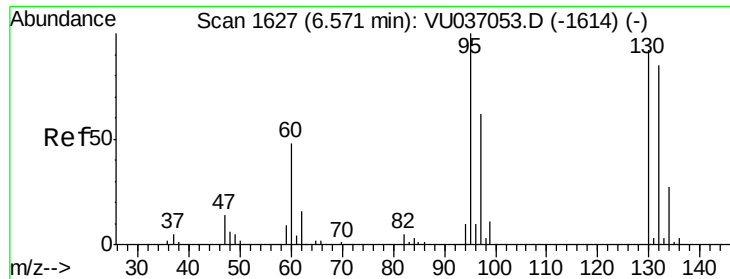


Abundance

Ion 43.00 (42.70 to 43.70): VU037056.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VU037056.D (-316) (-)

Time-->



#34

Trichloroethene

Concen: 1.031 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037056.D

Acq: 04 Mar 2020 22:54

Instrument :

MSVOA_U

ClientSampleId :

C0DF6

Tgt Ion: 95 Resp: 1895

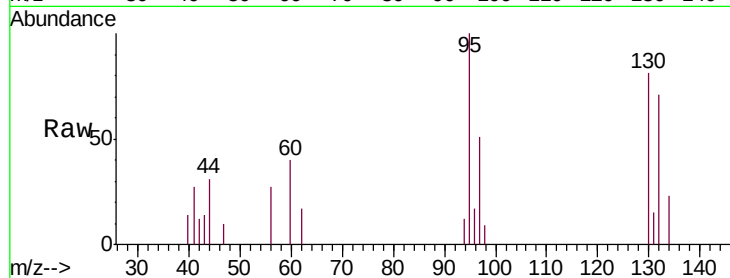
Ion Ratio Lower Upper

95 100

97 50.8 44.1 81.9

132 71.2 60.6 112.6

130 80.6 64.9 120.5

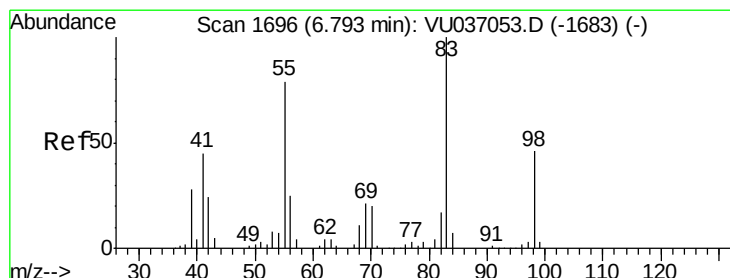
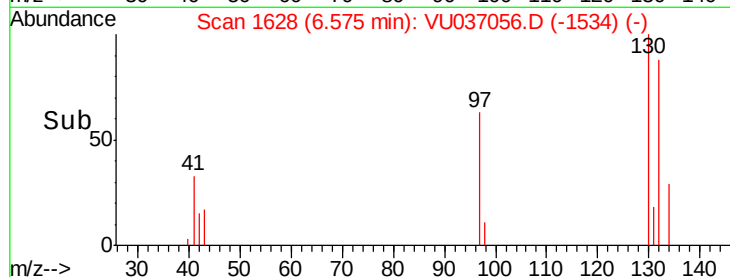
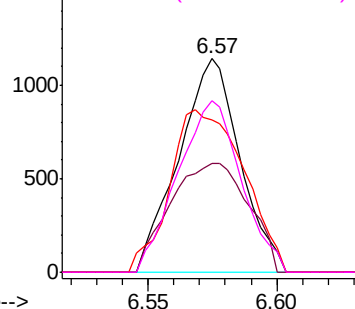


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 7.685 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037056.D

Acq: 04 Mar 2020 22:54

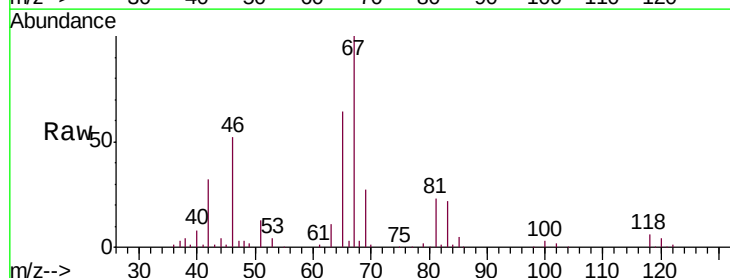
Tgt Ion: 83 Resp: 24498

Ion Ratio Lower Upper

83 100

55 0.3 62.6 93.8#

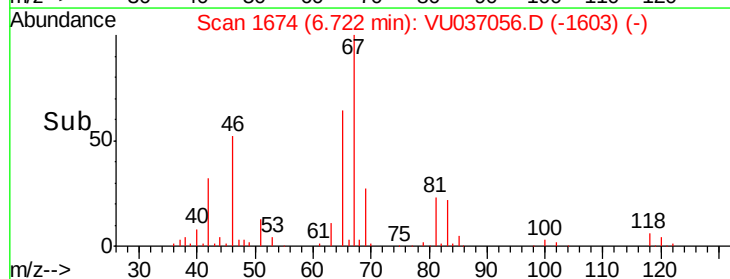
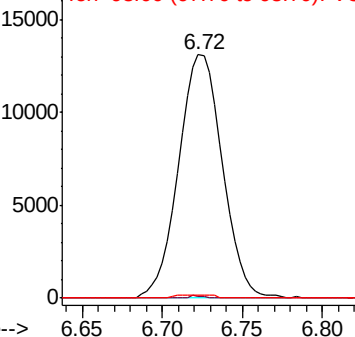
98 0.6 35.1 52.7#

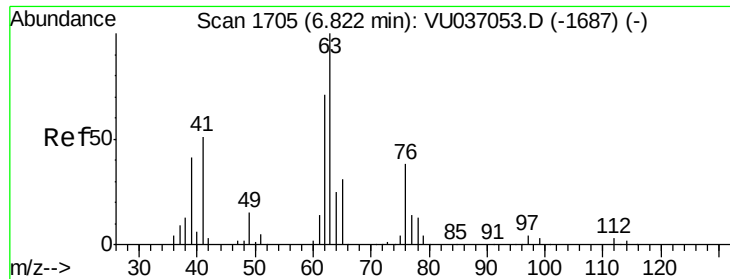


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

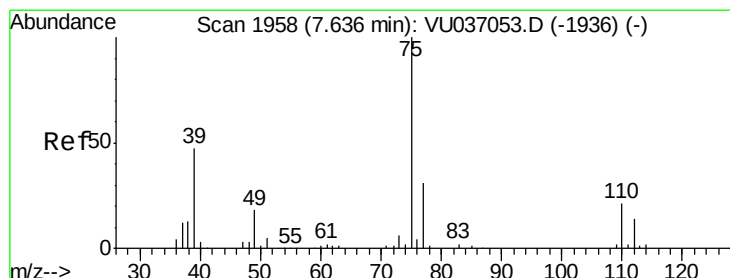
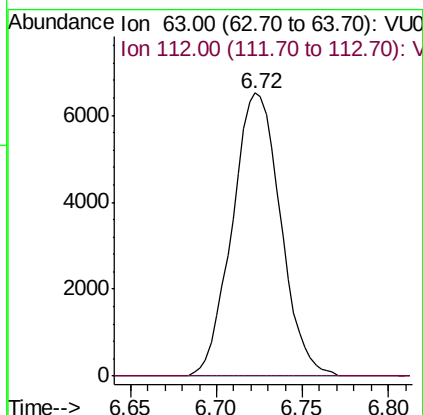
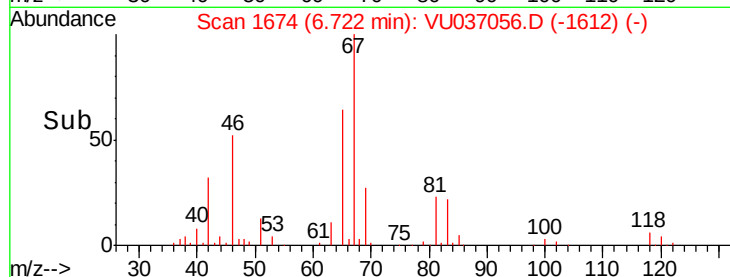
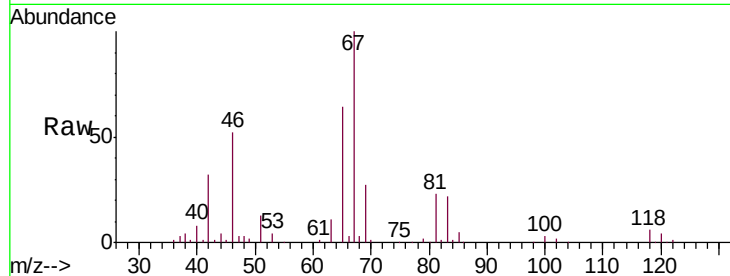




#37
 1,2-Dichloropropane
 Concen: 6.329 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037056.D
 Acq: 04 Mar 2020 22:54

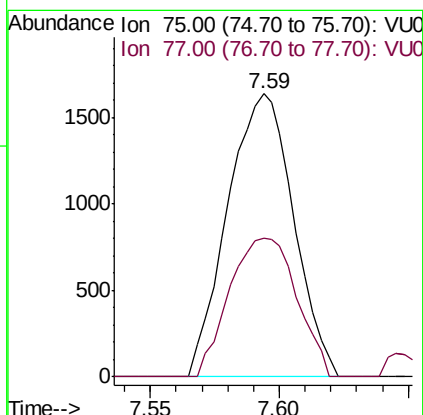
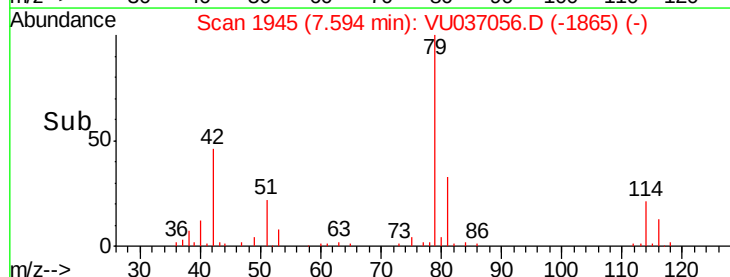
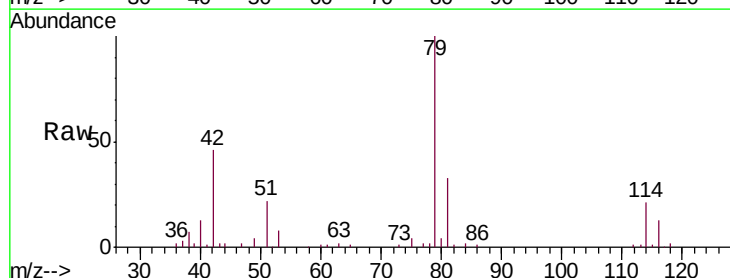
Instrument :
 MSVOA_U
 ClientSampled :
 C0DF6

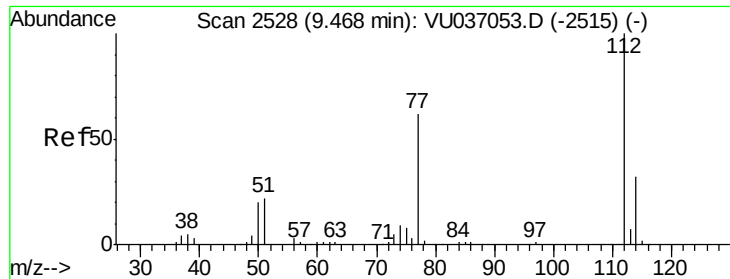
Tgt Ion: 63 Resp: 12747
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.940 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037056.D
 Acq: 04 Mar 2020 22:54

Tgt Ion: 75 Resp: 2915
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.0 41.0#

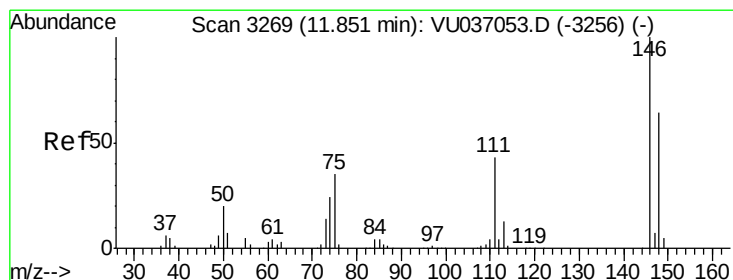
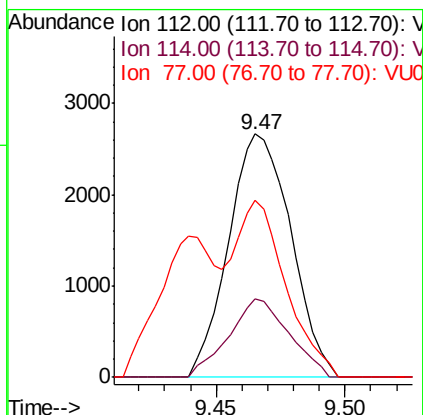
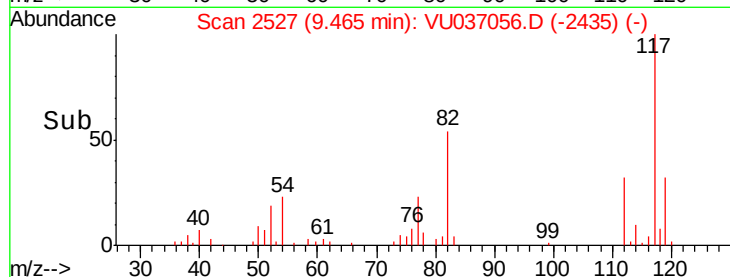
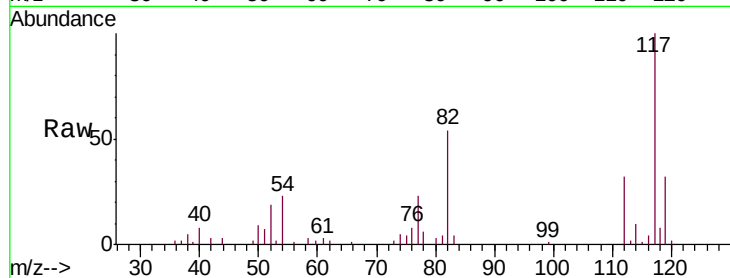




#51
Chlorobenzene
Concen: 0.951 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU037056.D
Acq: 04 Mar 2020 22:54

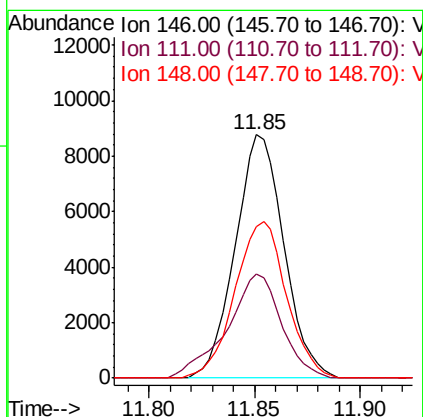
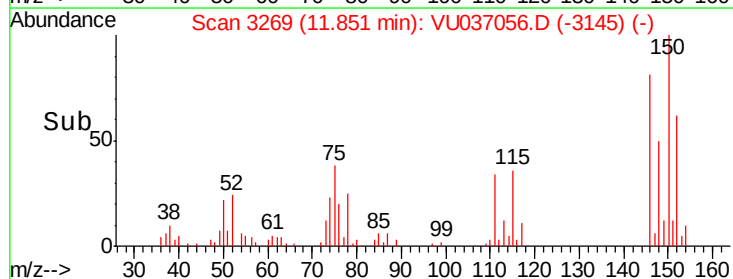
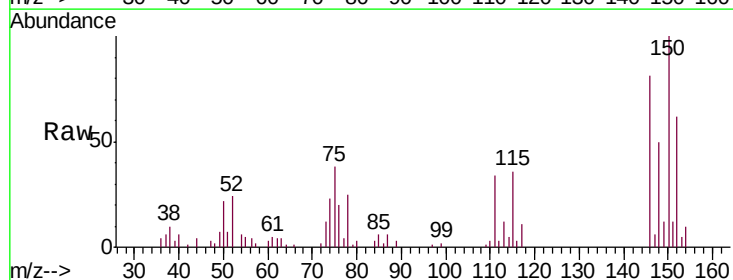
Instrument :
MSVOA_U
ClientSampleId :
C0DF6

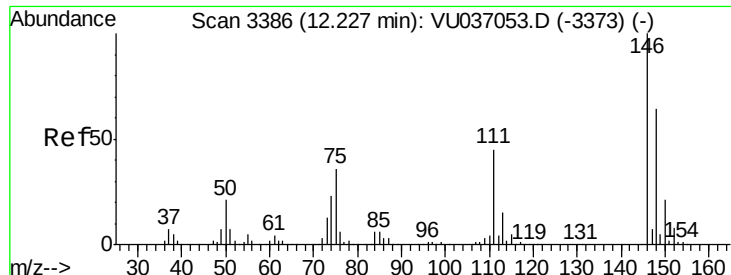
Tgt Ion:112 Resp: 4493
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.5
77 72.9 50.1 75.1



#63
1,4-Dichlorobenzene
Concen: 5.606 ug/L
RT: 11.85 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VU037056.D
Acq: 04 Mar 2020 22:54

Tgt Ion:146 Resp: 14075
Ion Ratio Lower Upper
146 100
111 42.5 29.8 55.4
148 62.4 45.1 83.9

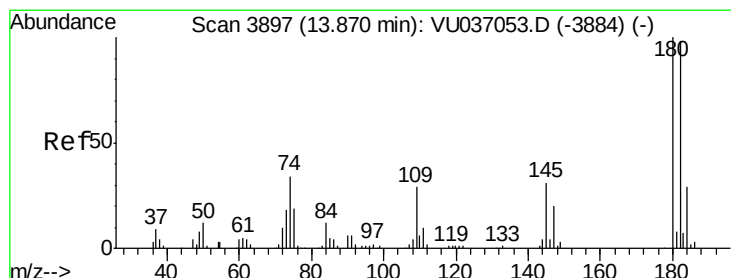
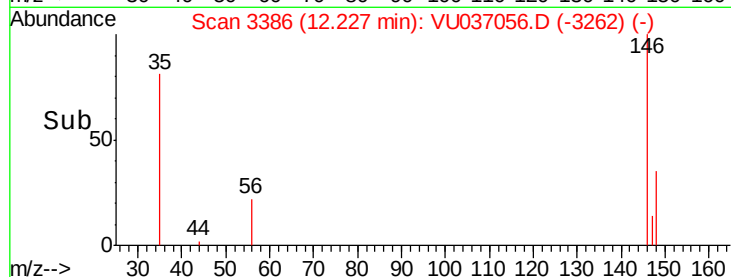
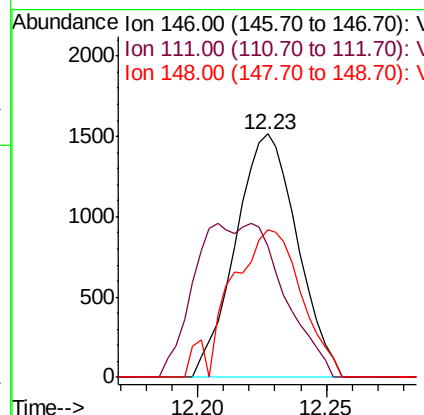
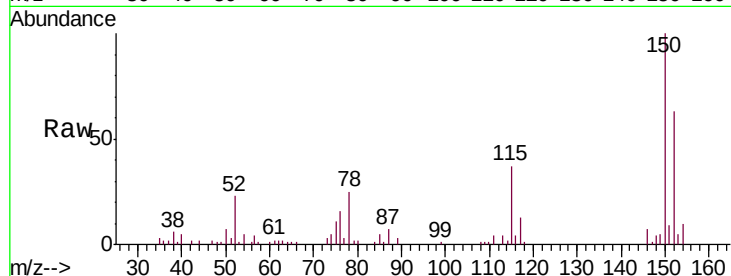




#65
 1,2-Dichlorobenzene
 Concen: 0.998 ug/L
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU037056.D
 Acq: 04 Mar 2020 22:54

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF6

Tgt Ion:146 Resp: 2533
 Ion Ratio Lower Upper
 146 100
 111 53.7 35.4 53.0#
 148 60.6 50.5 75.7



#68
 1,2,4-trichlorobenzene
 Concen: 1.047 ug/L
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.00 min
 Lab File: VU037056.D
 Acq: 04 Mar 2020 22:54

Tgt Ion:180 Resp: 1265
 Ion Ratio Lower Upper
 180 100
 182 75.3 75.3 112.9#
 145 25.0 26.2 39.4#

