

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038645.D
 Acq On : 07 Jun 2020 03:16
 Operator : SY/MD
 Sample : L2911-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D33

Quant Time: Jun 08 03:02:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 08 02:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	333456	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	326361	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	159724	5.00	ug/L	0.00

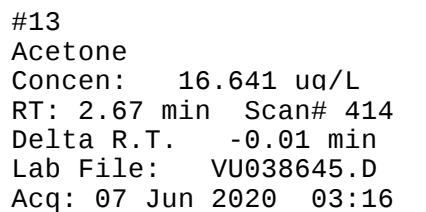
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96575	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.93	69	83006	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	147672	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.67	46	372678	56.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.68%
24) Chloroform-d	5.10	84	205716	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.74	65	117584	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.76	84	415443	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.72	67	131953	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.92	98	351805	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.20	79	49813	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.65	63	314890	59.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114243	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	152718	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

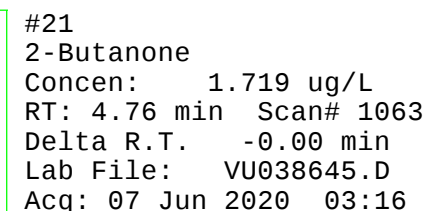
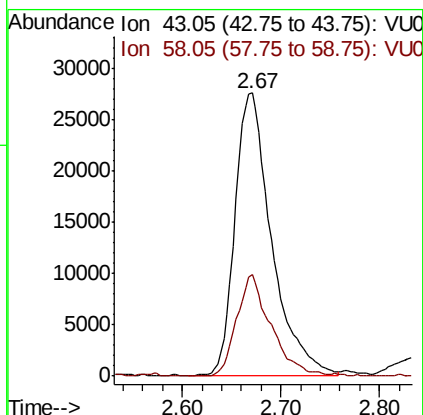
					Ovalue
13) Acetone	2.67	43	71397	16.641 ug/L	99
21) 2-Butanone	4.76	43	12402	1.719 ug/L	92
30) Cyclohexane	5.42	56	8976	0.248 ug/L	96
35) Methylcyclohexane	6.72	83	30332	0.829 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	14028	0.613 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3329	0.098 ug/L #	57
48) 2-Hexanone	8.71	43	16448	1.326 ug/L	91
58) 1,1,2,2-Tetrachloroethane	10.81	83	4544	0.207 ug/L #	46
59) 1,2,3-Trichloropropane	10.94	75	2752	0.161 ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.00	75	439	0.122 ug/L #	5

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

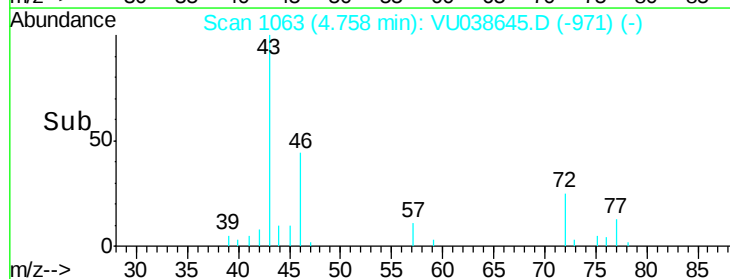
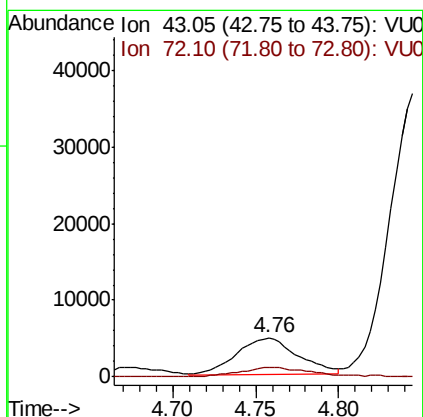


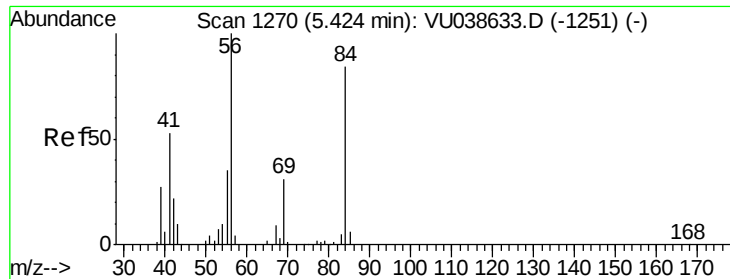
Instrument :
MSVOA_U
ClientSampleId :
F9D33

Tot	Ion: 43	Resp:	71397
Ion	Ratio	Lower	Upper
43	100		
58	33.4	0.0	65.6



Tgt	Ion: 43	Resp:	12402
Ion	Ratio	Lower	Upper
43	100		
72	29.2	12.6	37.8

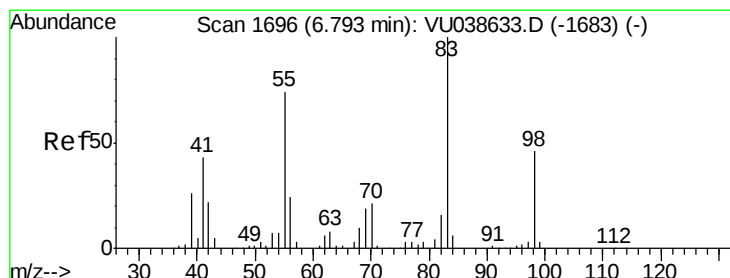
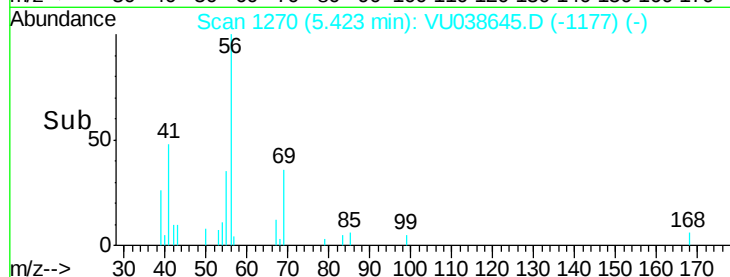
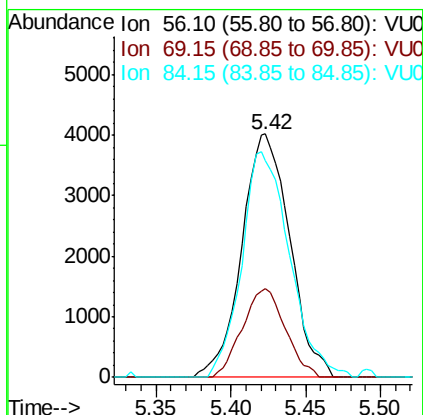
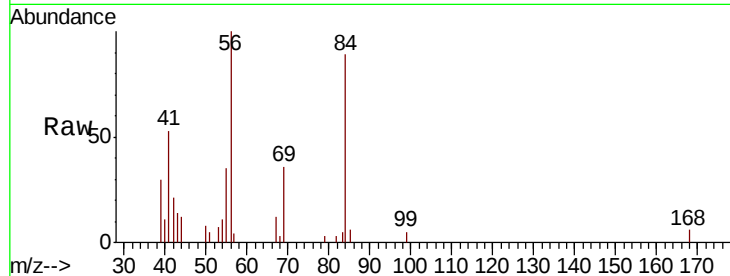




#30
Cyclohexane
Concen: 0.248 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038645.D
Acq: 07 Jun 2020 03:16

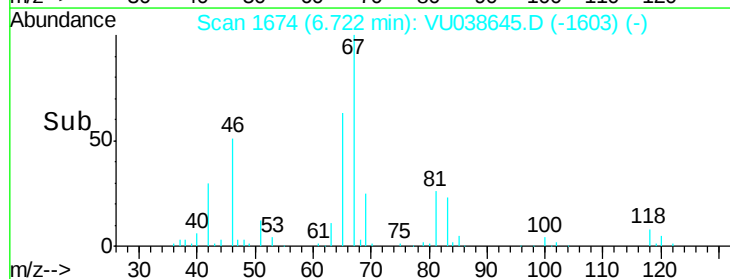
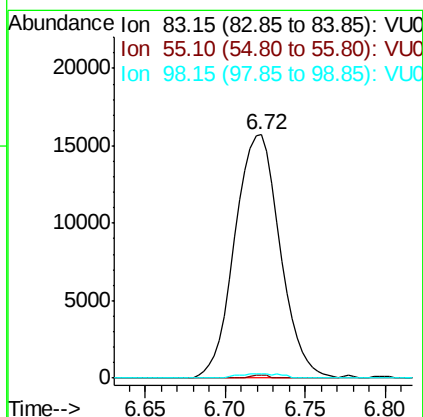
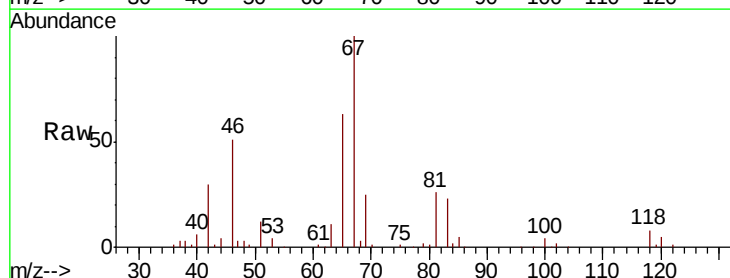
Instrument :
MSVOA_U
ClientSampleId :
F9D33

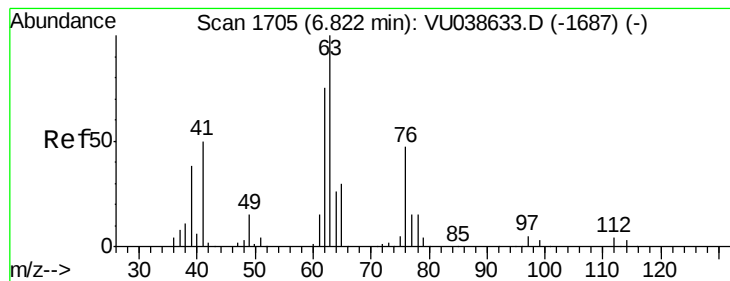
Tot Ion	56	Resp	8976
Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.2	36.4
84	92.3	70.8	106.2



#35
Methylcyclohexane
Concen: 0.829 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038645.D
Acq: 07 Jun 2020 03:16

Tgt Ion	83	Resp	30332
Ion	Ratio	Lower	Upper
83	100		
55	0.4	63.4	95.2#
98	1.7	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.613 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038645.D

Acq: 07 Jun 2020 03:16

Instrument :

MSVOA_U

ClientSampleId :

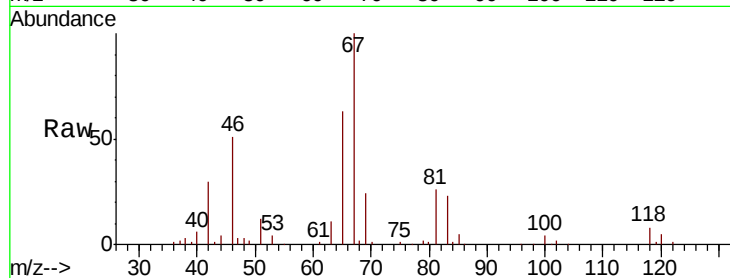
F9D33

Tot Ion: 63 Resp: 14028

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU038633.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU038633.D (-1687) (-)

6.72

8000

6000

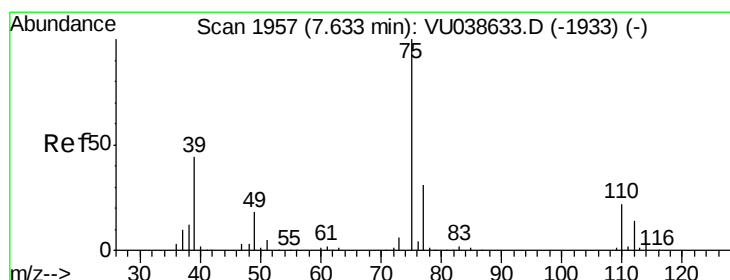
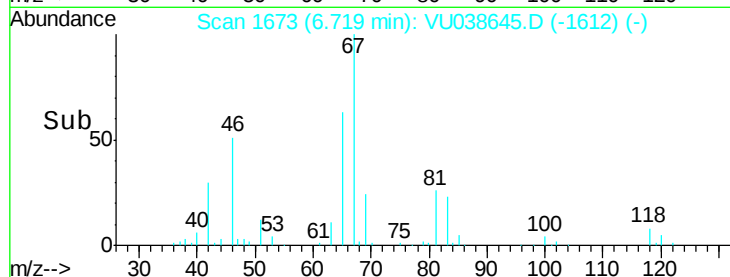
4000

2000

0

Time-->

6.65 6.70 6.75



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038645.D

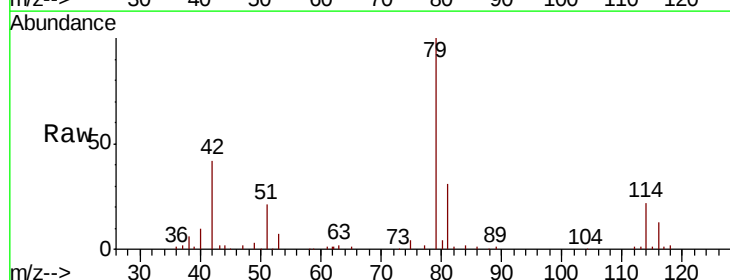
Acq: 07 Jun 2020 03:16

Tgt Ion: 75 Resp: 3329

Ion Ratio Lower Upper

75 100

77 55.0 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038633.D (-1933) (-)

Ion 77.05 (76.75 to 77.75): VU038633.D (-1933) (-)

7.59

2000

1500

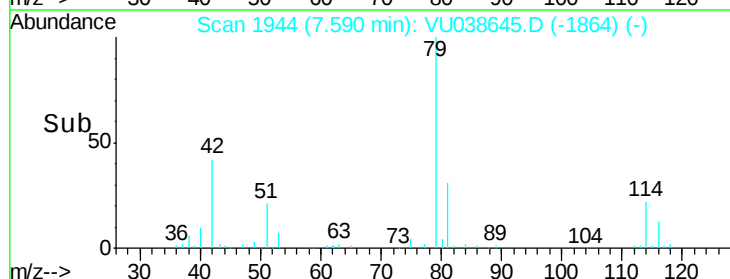
1000

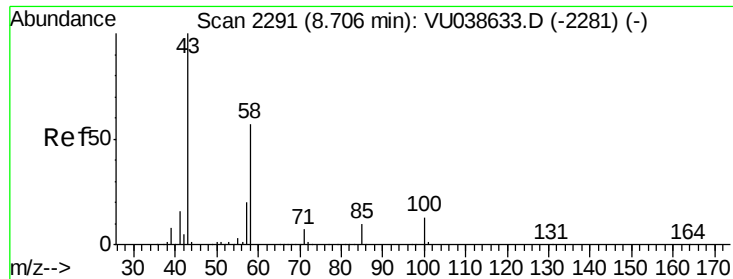
500

0

Time-->

7.55 7.60

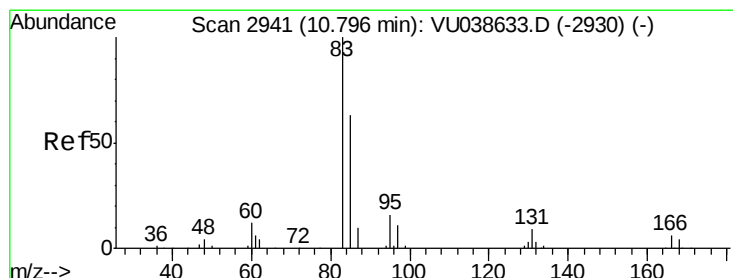
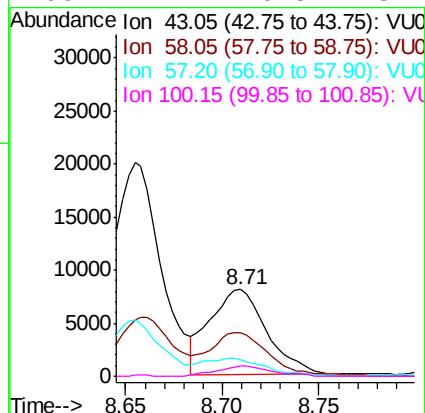
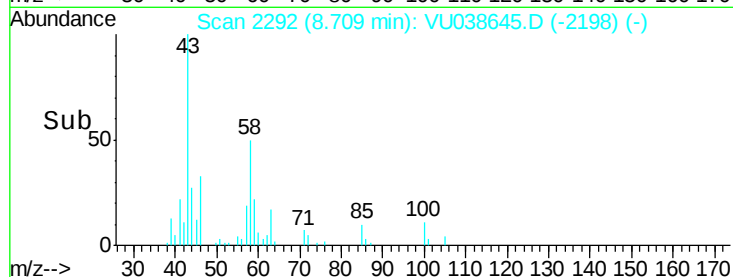
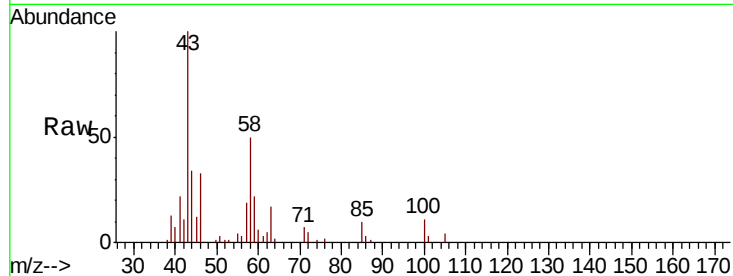




#48
2-Hexanone
Concen: 1.326 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038645.D
Acq: 07 Jun 2020 03:16

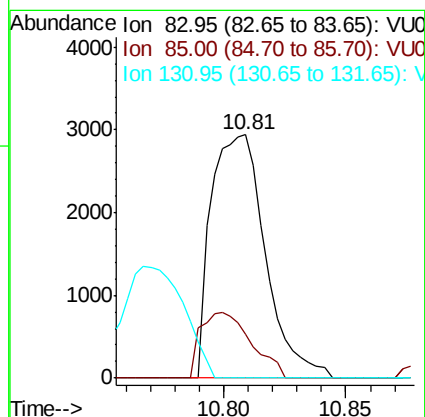
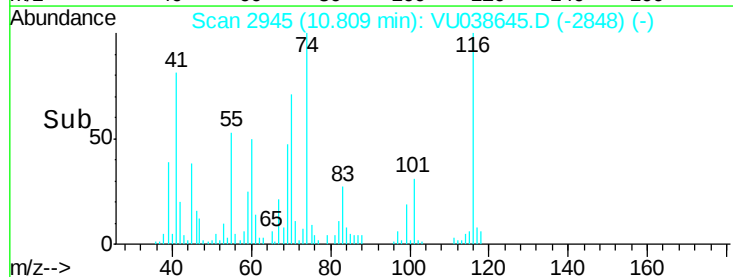
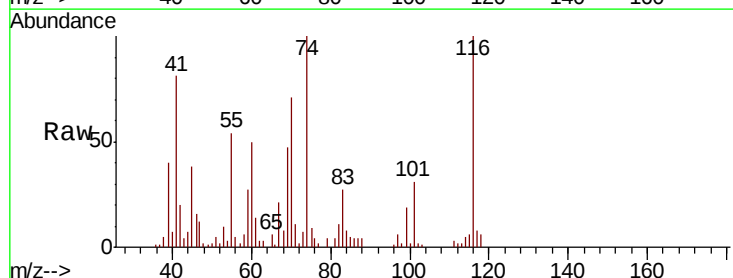
Instrument :
MSVOA_U
ClientSampleId :
F9D33

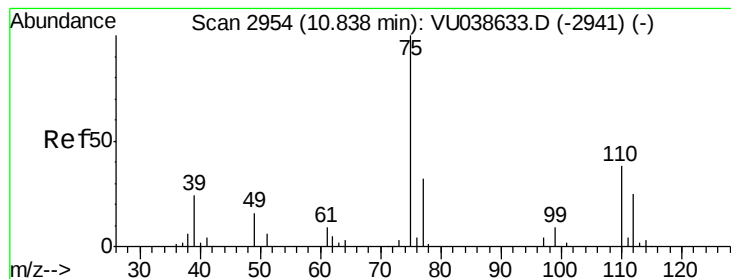
Tot Ion: 43 Resp: 16448
Ion Ratio Lower Upper
43 100
58 48.6 45.4 68.0
57 23.4 15.9 23.9
100 11.4 10.5 15.7



#58
1,1,2,2-Tetrachloroethane
Concen: 0.207 ug/L
RT: 10.81 min Scan# 2945
Delta R.T. 0.01 min
Lab File: VU038645.D
Acq: 07 Jun 2020 03:16

Tgt Ion: 83 Resp: 4544
Ion Ratio Lower Upper
83 100
85 17.9 44.2 82.0#
131 0.0 8.1 12.1#

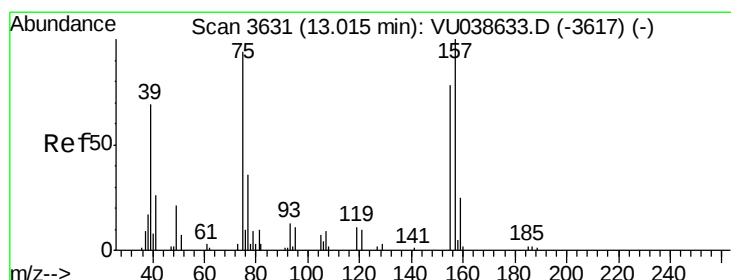
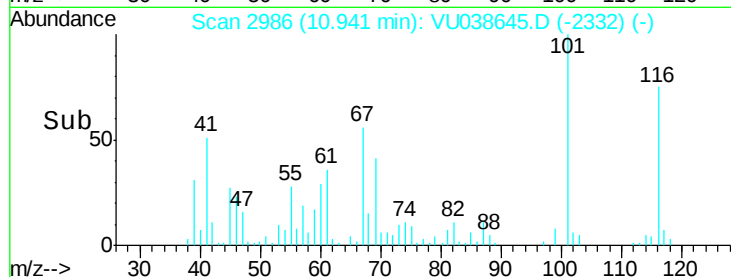
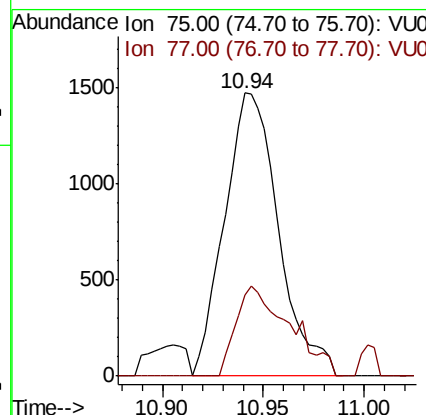
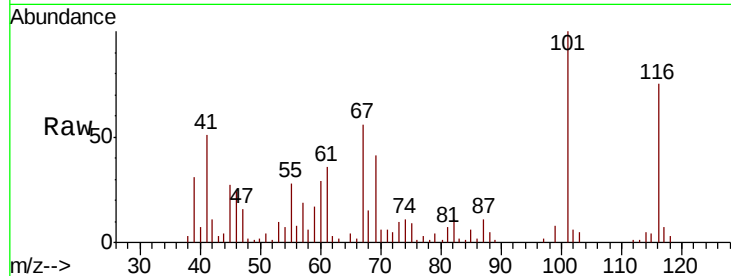




#59
 1,2,3-Trichloropropane
 Concen: 0.161 ug/L
 RT: 10.94 min Scan# 2986
 Delta R.T. 0.10 min
 Lab File: VU038645.D
 Acq: 07 Jun 2020 03:16

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D33

Tot Ion: 75 Resp: 2752
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.122 ug/L
 RT: 13.00 min Scan# 3626
 Delta R.T. -0.02 min
 Lab File: VU038645.D
 Acq: 07 Jun 2020 03:16

Tgt Ion: 75 Resp: 439
 Ion Ratio Lower Upper
 75 100
 155 0.0 59.6 89.4#
 157 0.0 79.8 119.6#

