

Data File : VU032657.D
Acq On : 12 Jun 2019 17:17
Operator : JC/SP
Sample : K3292-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jun 13 06:01:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:57:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	173268	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	166638	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81602	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44953	39.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.98%
7) Chloroethane-d5	1.68	69	39256	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.92%
11) 1,1-Dichloroethene-d2	2.27	63	68161	30.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.94%
21) 2-Butanone-d5	4.17	46	95072	101.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.06%
24) Chloroform-d	4.64	84	96763	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
26) 1,2-Dichloroethane-d4	5.30	65	64764	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
32) Benzene-d6	5.33	84	185770	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.88%
36) 1,2-Dichloropropane-d6	6.32	67	61926	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.30%
41) Toluene-d8	7.56	98	166405	40.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.14%
43) trans-1,3-Dichloropropene-	7.85	79	27868	42.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.86%
47) 2-Hexanone-d5	8.31	63	57616	87.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90987	46.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.58%
64) 1,2-Dichlorobenzene-d4	11.85	152	74768	47.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.68%

Target Compounds

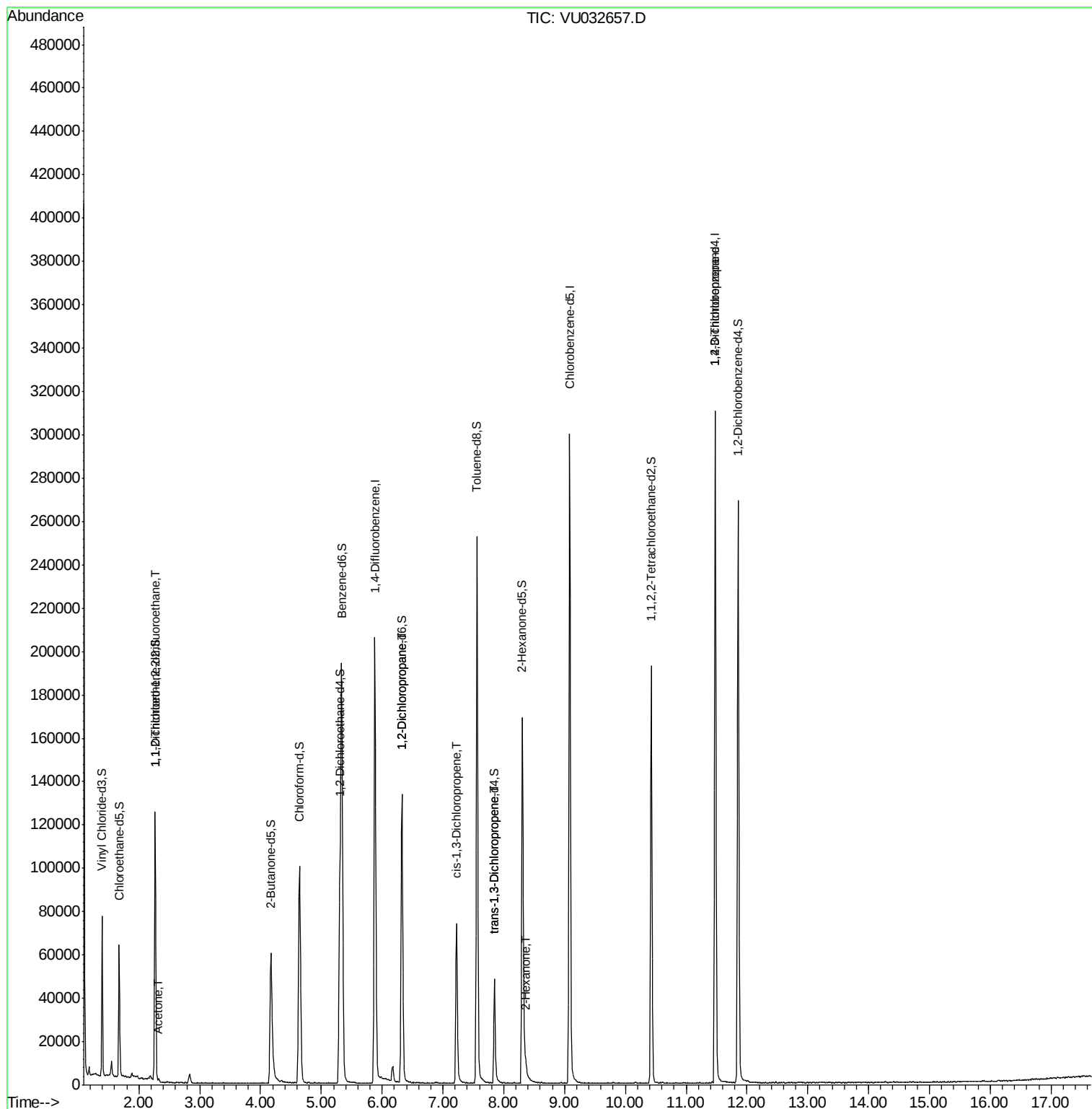
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	615	0.581	ug/L #	18
13) Acetone	2.32	43	646	0.666	ug/L	61
37) 1,2-Dichloropropane	6.32	63	7051	5.681	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2074	1.059	ug/L #	79
44) trans-1,3-Dichloropropene	7.85	75	1304	0.750	ug/L	92
48) 2-Hexanone	8.36	43	3023	1.843	ug/L #	91
59) 1,2,3-Trichloropropane	11.48	75	9729	6.030	ug/L	90

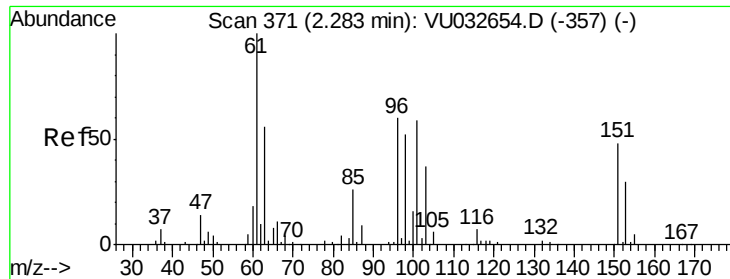
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.581 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU032657.D

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VHBLK01

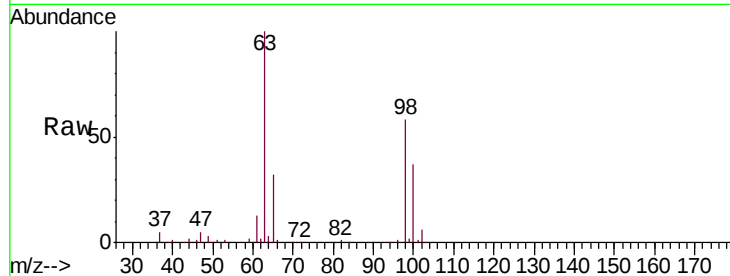
Tgt Ion:101 Resp: 615

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 63.0 94.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.27

400

300

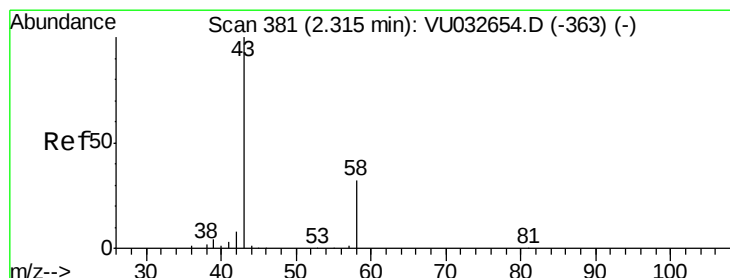
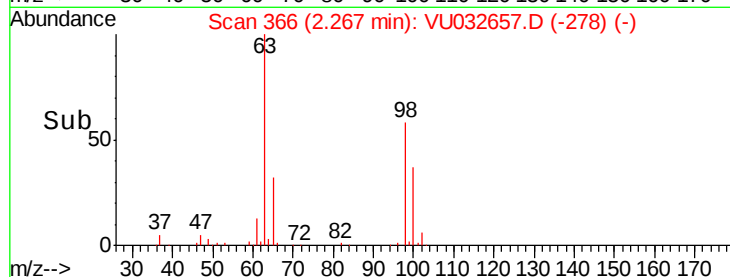
200

100

0

2.24 2.26 2.28 2.30

Time-->



#13

Acetone

Concen: 0.666 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU032657.D

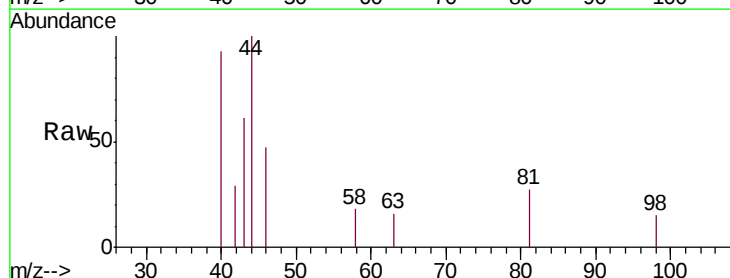
Acq: 12 Jun 2019 17:17

Tgt Ion: 43 Resp: 646

Ion Ratio Lower Upper

43 100

58 10.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

400

300

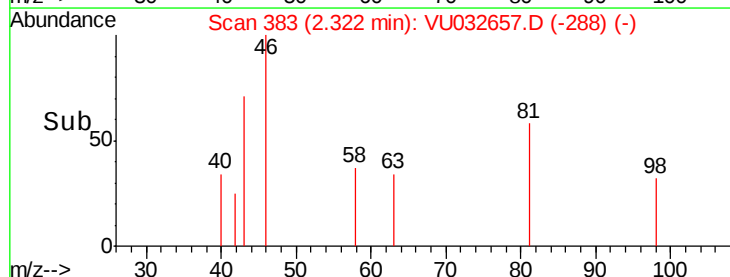
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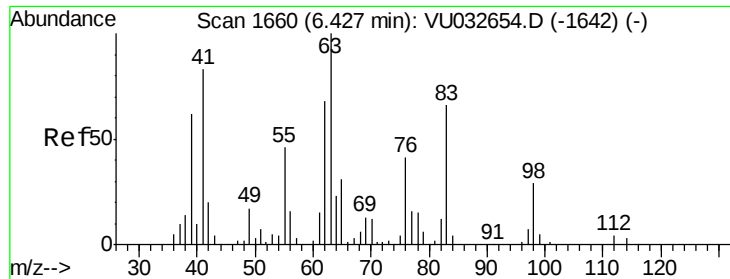
100

0

2.28 2.30 2.32 2.34

Time-->

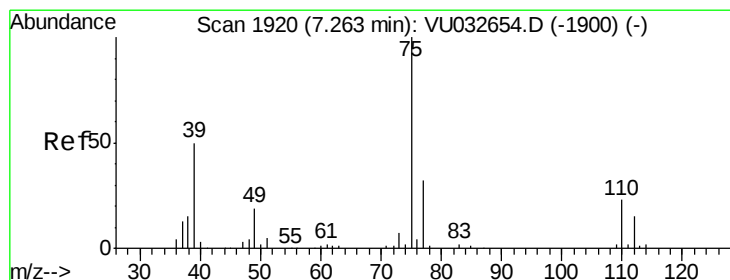
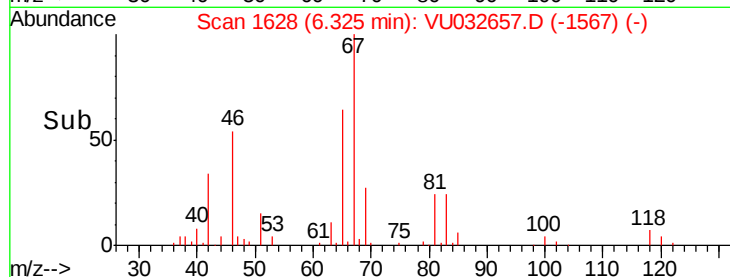
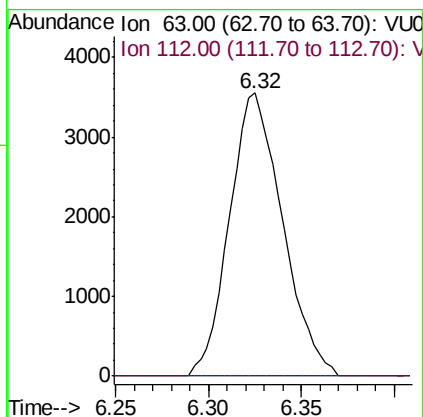
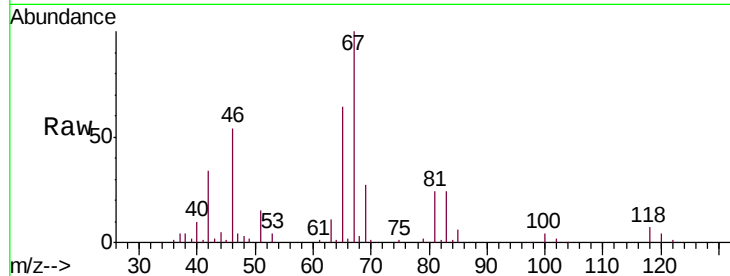




#37
 1,2-Dichloropropane
 Concen: 5.681 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032657.D
 Acq: 12 Jun 2019 17:17

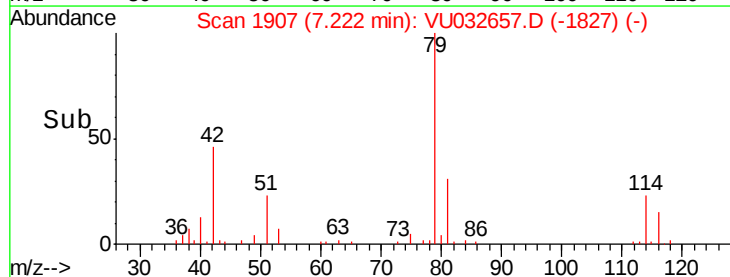
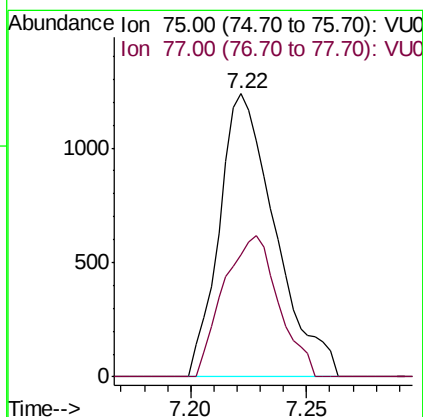
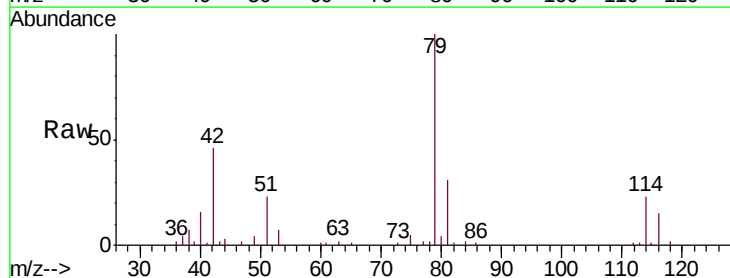
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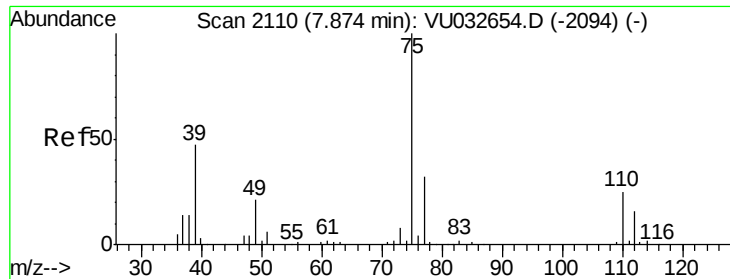
Tgt Ion: 63 Resp: 7051
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.059 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032657.D
 Acq: 12 Jun 2019 17:17

Tgt Ion: 75 Resp: 2074
 Ion Ratio Lower Upper
 75 100
 77 42.9 22.0 41.0#

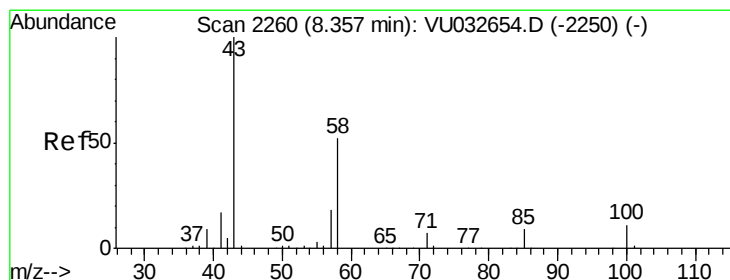
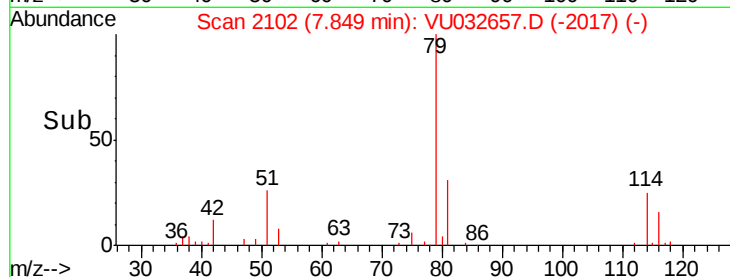
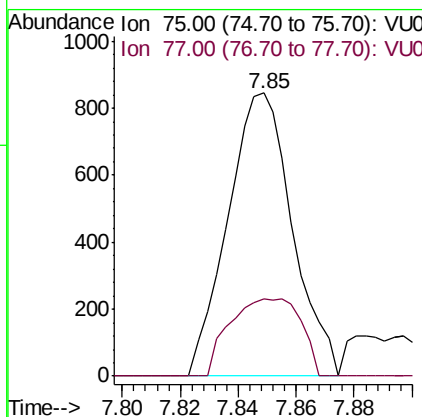
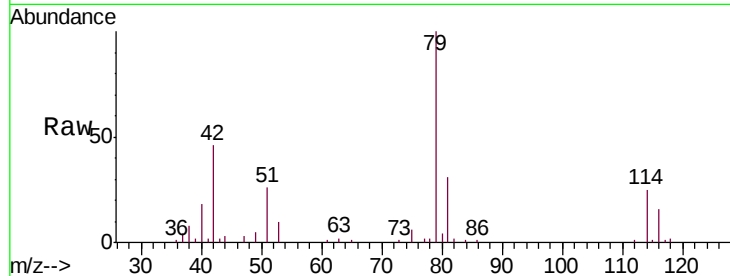




#44
trans-1,3-Dichloropropene
Concen: 0.750 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032657.D
Acq: 12 Jun 2019 17:17

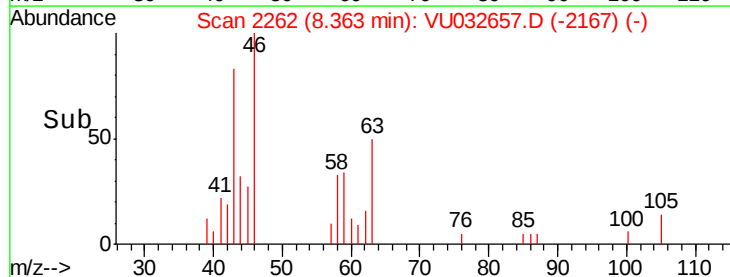
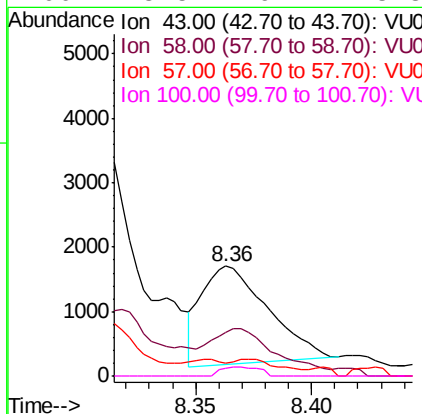
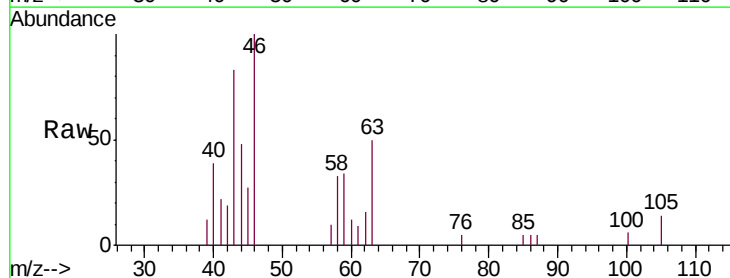
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

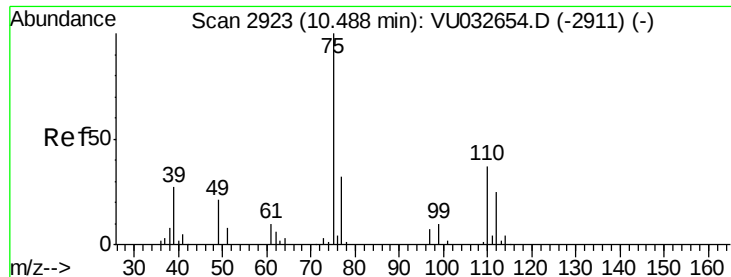
Tgt Ion: 75 Resp: 1304
Ion Ratio Lower Upper
75 100
77 27.2 22.1 41.1



#48
2-Hexanone
Concen: 1.843 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032657.D
Acq: 12 Jun 2019 17:17

Tgt Ion: 43 Resp: 3023
Ion Ratio Lower Upper
43 100
58 48.4 42.0 63.0
57 12.7 14.6 22.0#
100 5.5 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 6.030 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032657.D

Acq: 12 Jun 2019 17:17

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 9729

Ion Ratio Lower Upper

75 100

77 37.5 25.6 38.4

