

Data File : VU032656.D
Acq On : 12 Jun 2019 16:54
Operator : JC/SP
Sample : K3293-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jun 13 06:01:02 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	159897	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	154109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79315	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42166	40.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.30%
7) Chloroethane-d5	1.68	69	36583	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.76%
11) 1,1-Dichloroethene-d2	2.27	63	65235	32.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.24%
21) 2-Butanone-d5	4.17	46	93355	107.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.53%
24) Chloroform-d	4.64	84	93829	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.30	65	64159	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
32) Benzene-d6	5.33	84	181427	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
36) 1,2-Dichloropropane-d6	6.32	67	61227	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.62%
41) Toluene-d8	7.56	98	162265	42.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.54%
43) trans-1,3-Dichloropropene-	7.85	79	27024	45.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.02%
47) 2-Hexanone-d5	8.31	63	58106	95.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88839	48.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.74%
64) 1,2-Dichlorobenzene-d4	11.85	152	74059	48.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.50%

Target Compounds

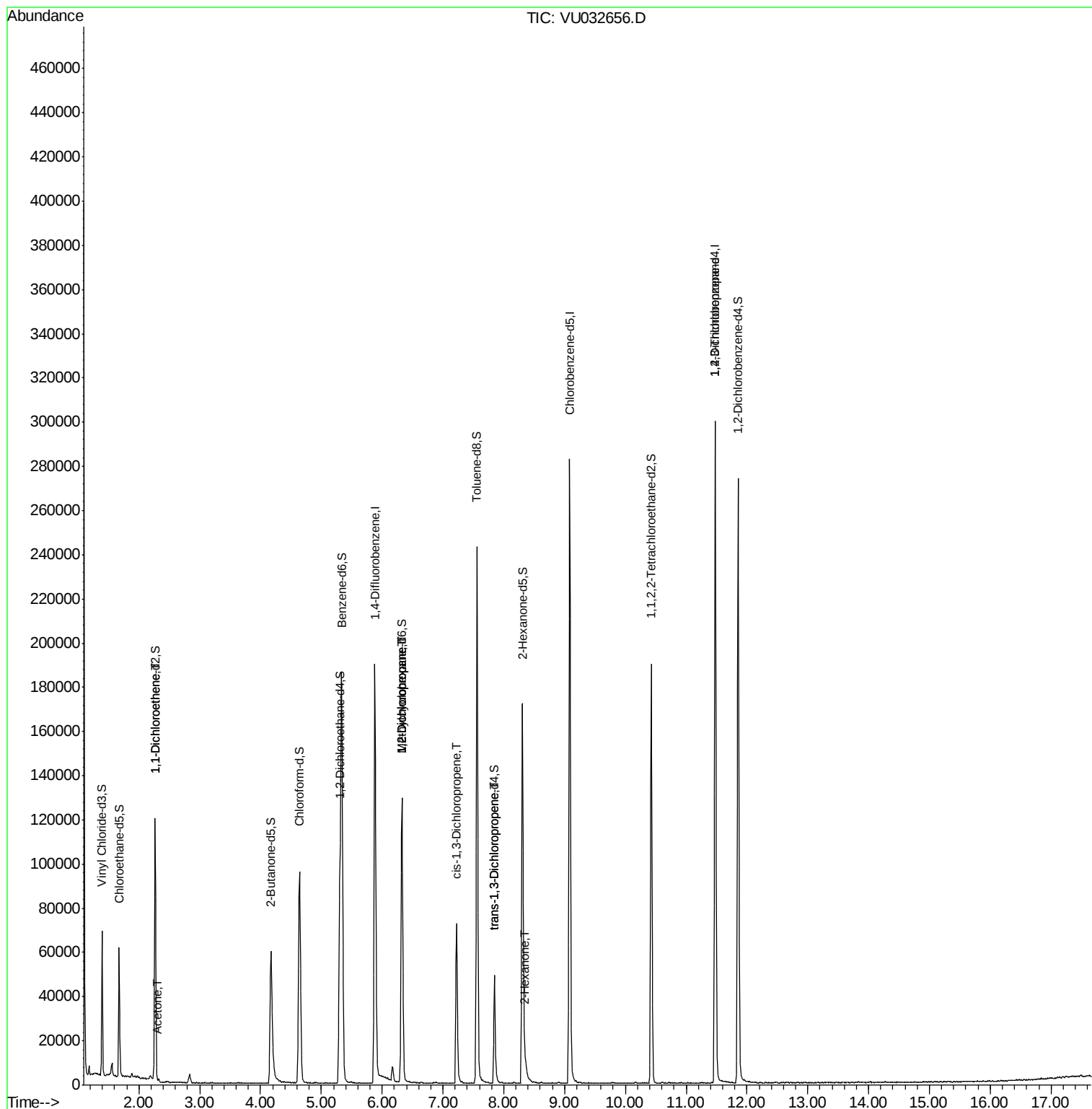
					Qvalue	
12) 1,1-Dichloroethene	2.27	96	534	0.563	ug/L #	1
13) Acetone	2.31	43	484	0.540	ug/L #	43
35) Methylcyclohexane	6.32	83	13573	7.117	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7032	6.126	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1951	1.077	ug/L #	78
44) trans-1,3-Dichloropropene	7.85	75	1293	0.804	ug/L	86
48) 2-Hexanone	8.36	43	4145	2.733	ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	9472	6.348	ug/L	93

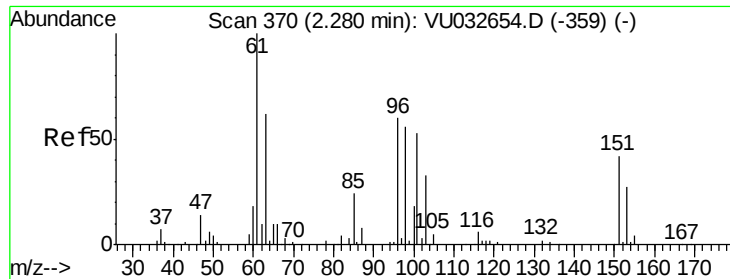
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.563 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032656.D

Acq: 12 Jun 2019 16:54

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

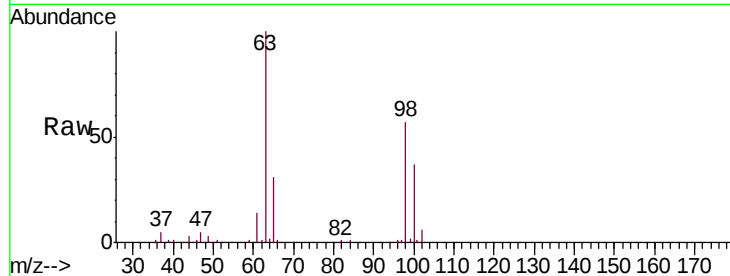
Tgt Ion: 96 Resp: 534

Ion Ratio Lower Upper

96 100

61 1796.6 129.5 240.5#

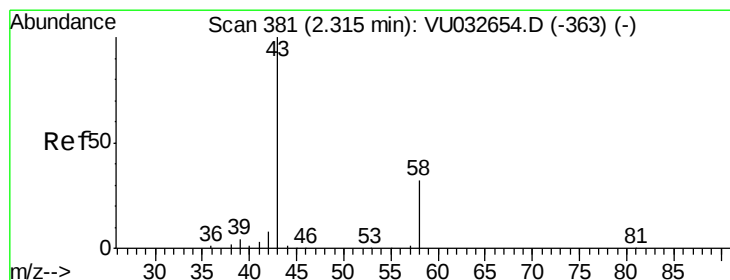
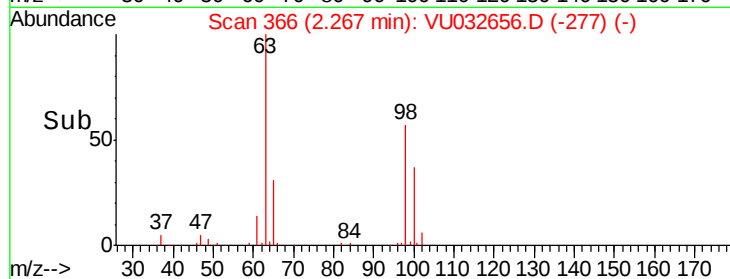
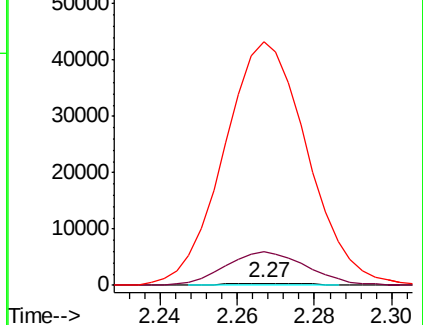
63 13218.3 103.4 192.0#



Abundance Ion 96.00 (95.70 to 96.70): VU032656.D (-366) (-)

Ion 61.00 (60.70 to 61.70): VU032656.D (-366) (-)

Ion 63.00 (62.70 to 63.70): VU032656.D (-366) (-)



#13

Acetone

Concen: 0.540 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VU032656.D

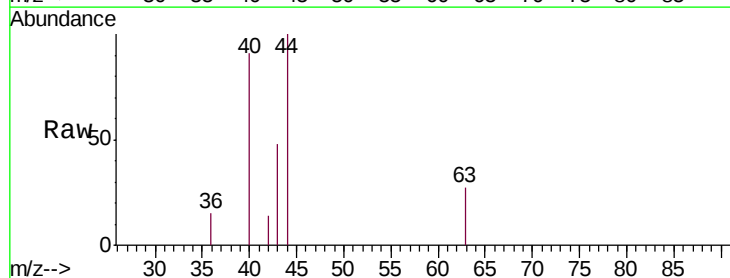
Acq: 12 Jun 2019 16:54

Tgt Ion: 43 Resp: 484

Ion Ratio Lower Upper

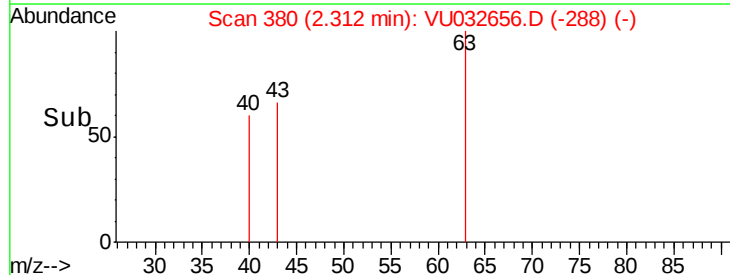
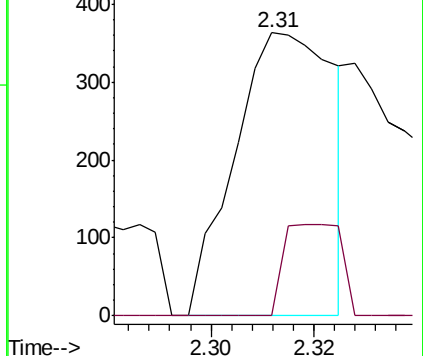
43 100

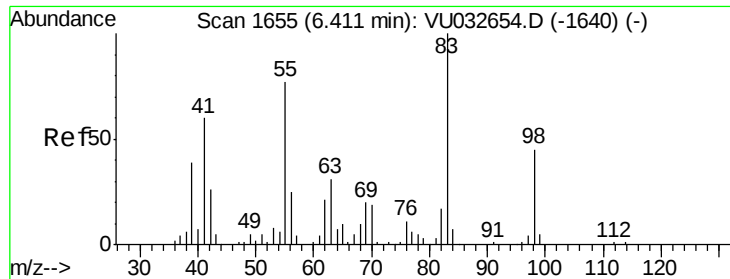
58 0.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032656.D (-380) (-)

Ion 58.00 (57.70 to 58.70): VU032656.D (-380) (-)

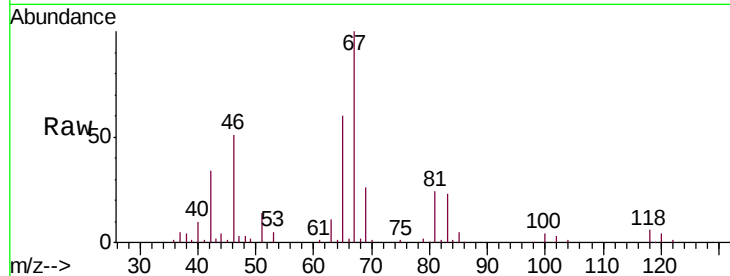




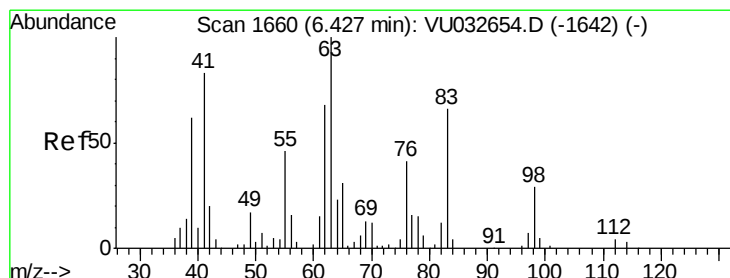
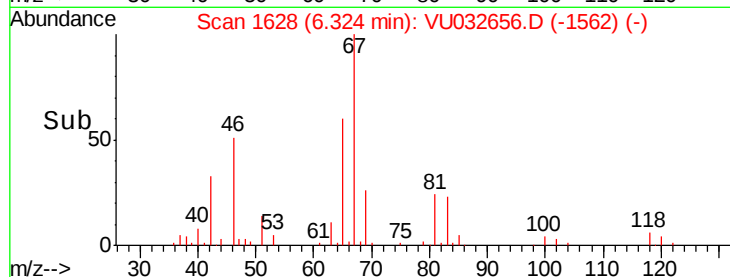
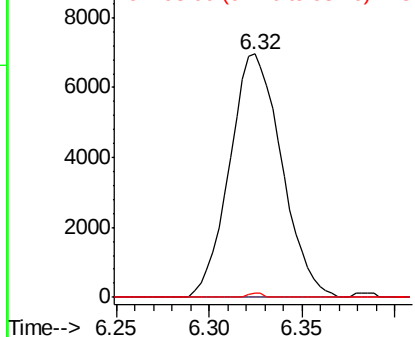
#35
Methylcyclohexane
Concen: 7.117 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU032656.D
Acq: 12 Jun 2019 16:54

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 13573
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 0.4 37.4 56.2#

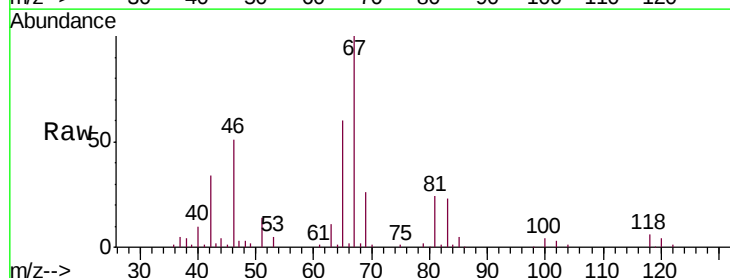


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

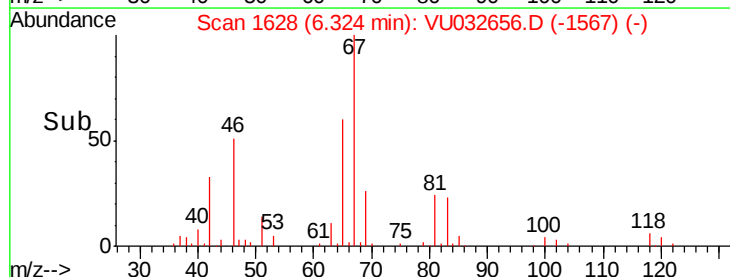
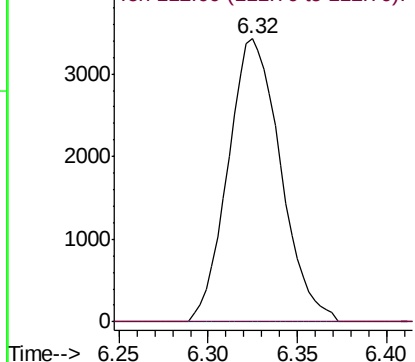


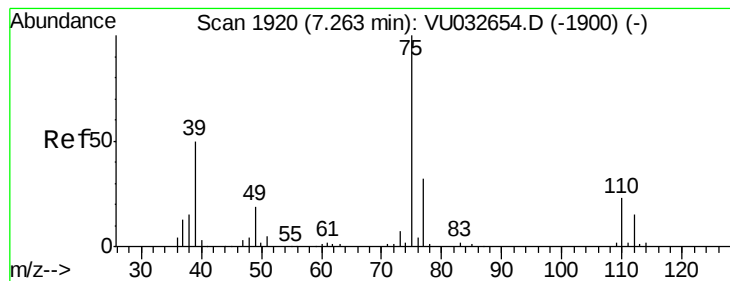
#37
1,2-Dichloropropane
Concen: 6.126 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032656.D
Acq: 12 Jun 2019 16:54

Tgt Ion: 63 Resp: 7032
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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



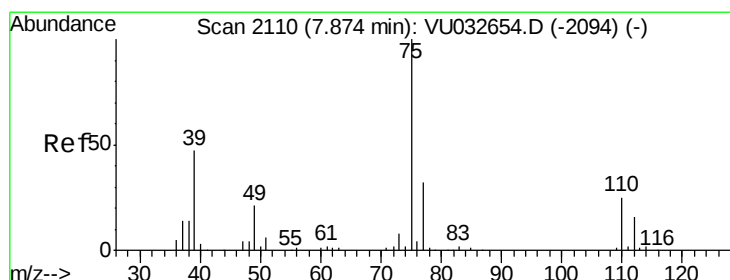
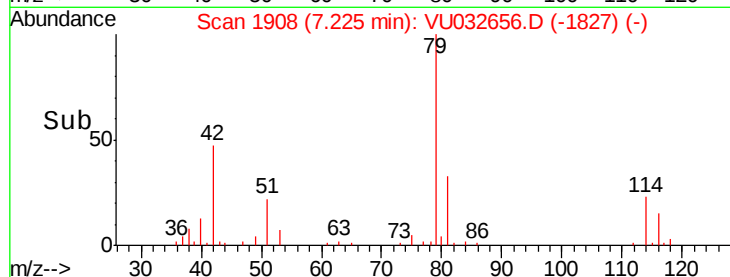
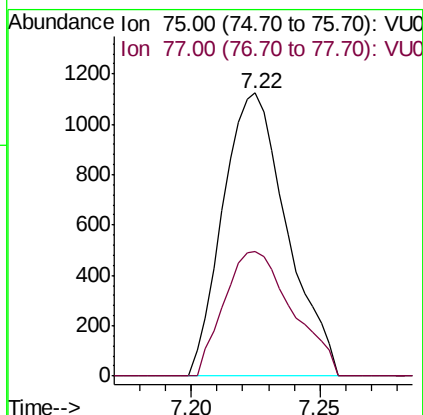
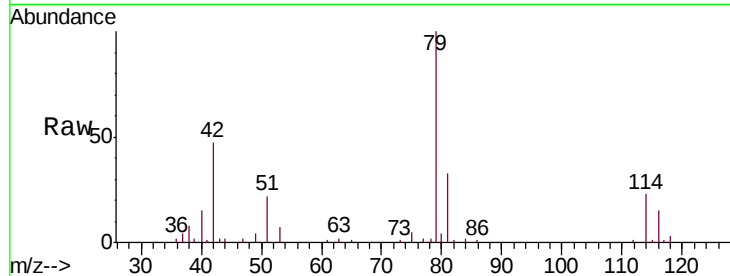


#39

cis-1,3-Dichloropropene
Concen: 1.077 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032656.D
Acq: 12 Jun 2019 16:54

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

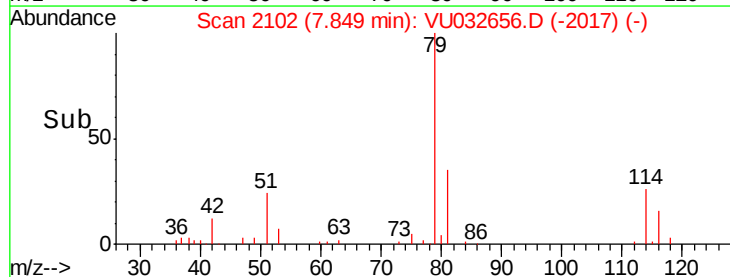
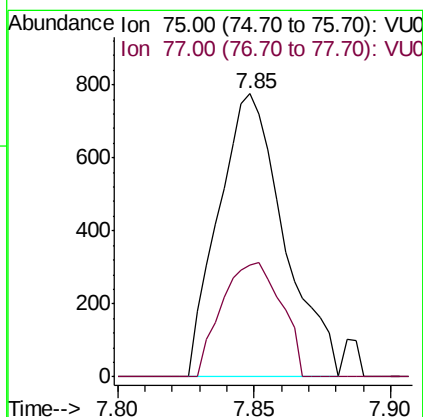
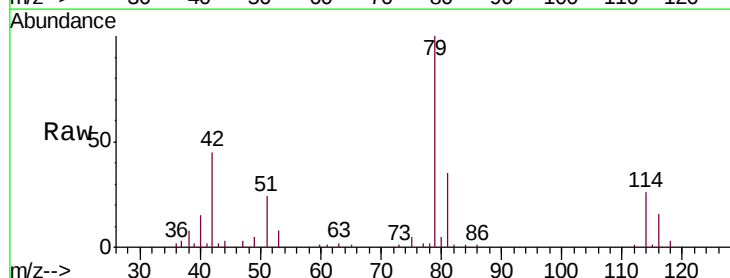
Tgt Ion: 75 Resp: 1951
Ion Ratio Lower Upper
75 100
77 43.9 22.0 41.0#

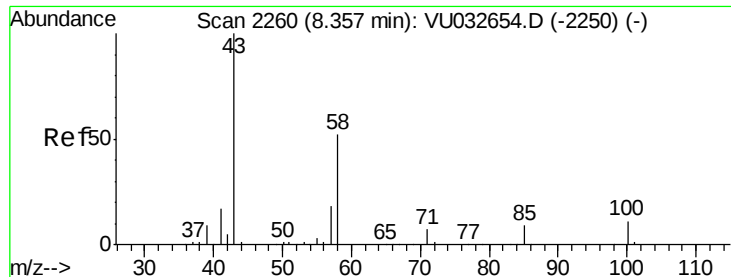


#44

trans-1,3-Dichloropropene
Concen: 0.804 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032656.D
Acq: 12 Jun 2019 16:54

Tgt Ion: 75 Resp: 1293
Ion Ratio Lower Upper
75 100
77 39.6 22.1 41.1

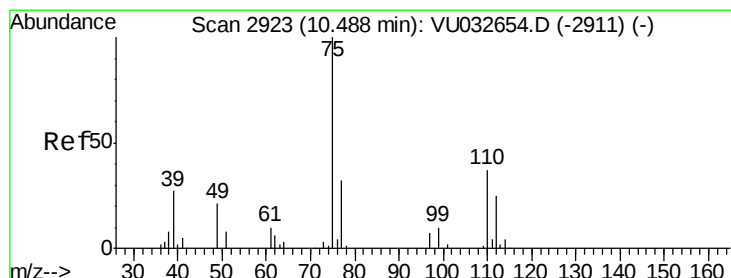
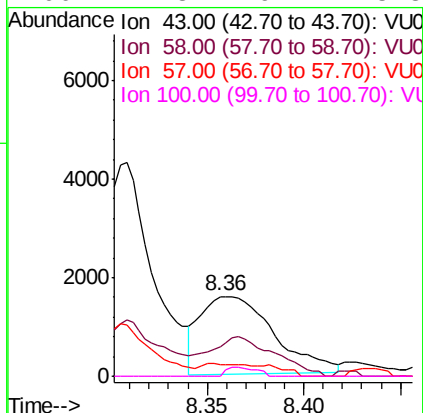
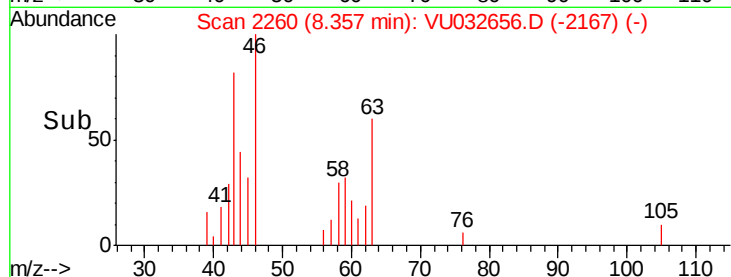
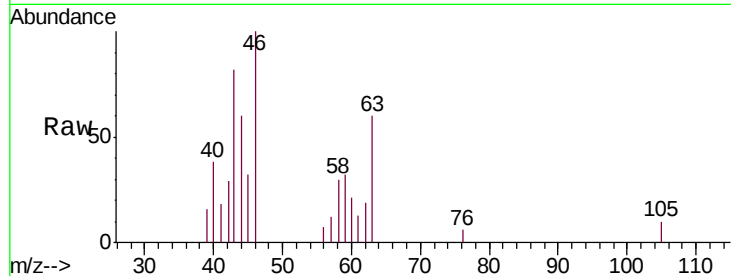




#48
 2-Hexanone
 Concen: 2.733 ug/L
 RT: 8.36 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: VU032656.D
 Acq: 12 Jun 2019 16:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 4145
 Ion Ratio Lower Upper
 43 100
 58 37.2 42.0 63.0#
 57 2.3 14.6 22.0#
 100 4.8 9.2 13.8#



#59
 1,2,3-Trichloropropane
 Concen: 6.348 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032656.D
 Acq: 12 Jun 2019 16:54

Tgt Ion: 75 Resp: 9472
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.6 38.4

