

Data File : VU032660.D
Acq On : 12 Jun 2019 18:25
Operator : JC/SP
Sample : K3313-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0LY2

Quant Time: Jun 13 06:01:37 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	175049	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	167789	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81389	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50659	44.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.22%
7) Chloroethane-d5	1.68	69	41218	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.27	63	77221	34.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.46%
21) 2-Butanone-d5	4.17	46	90203	94.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.91%
24) Chloroform-d	4.64	84	98334	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	5.30	65	65998	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
32) Benzene-d6	5.33	84	196134	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.06%
36) 1,2-Dichloropropane-d6	6.32	67	63651	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.20%
41) Toluene-d8	7.56	98	181392	43.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.84%
43) trans-1,3-Dichloropropene-	7.85	79	28503	43.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.22%
47) 2-Hexanone-d5	8.31	63	56033	84.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	89409	45.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.36%
64) 1,2-Dichlorobenzene-d4	11.85	152	74934	48.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.14%

Target Compounds

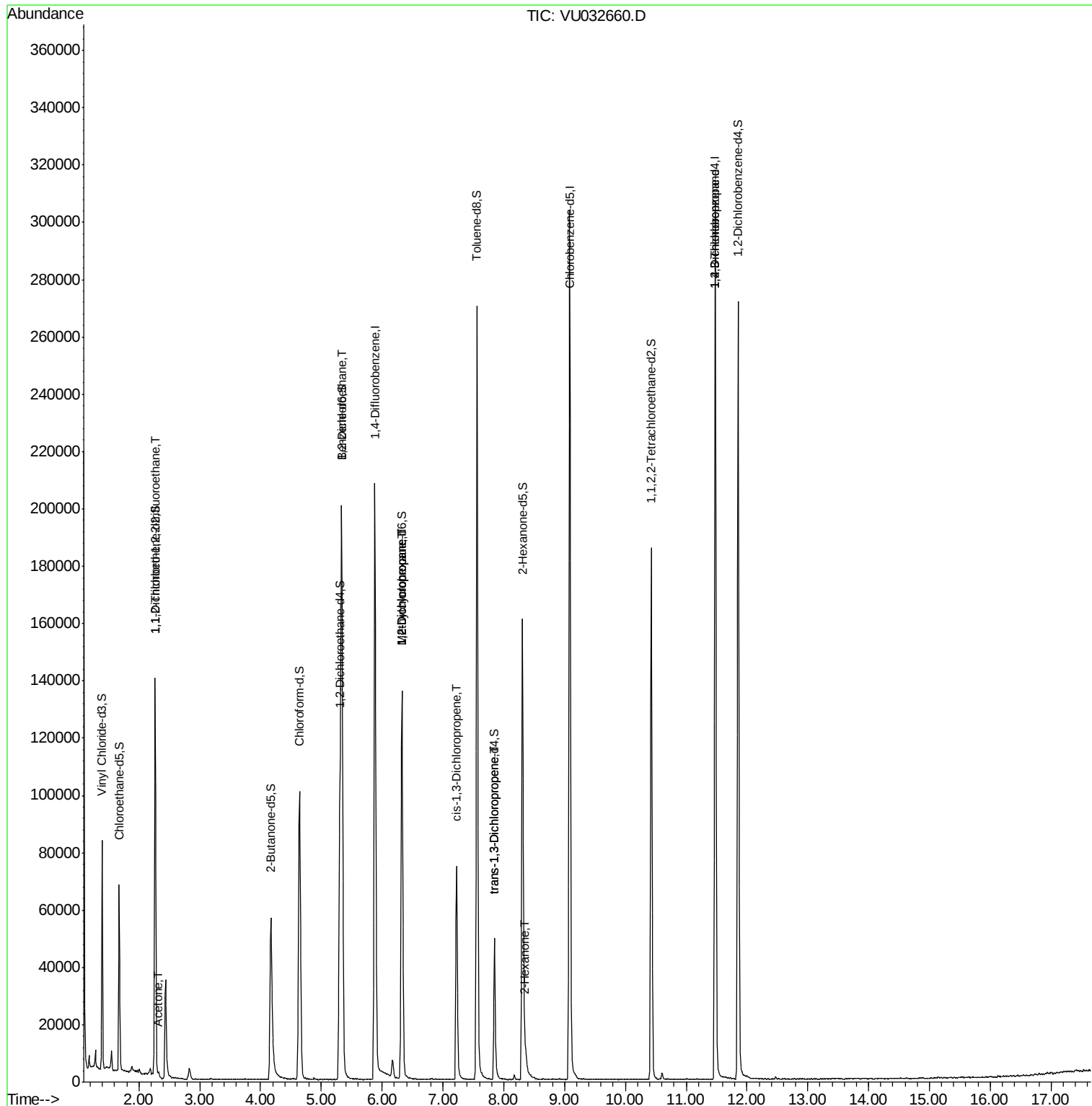
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	725	0.678 ug/L #	18
13) Acetone	2.32	43	2108	2.150 ug/L	81
27) 1,2-Dichloroethane	5.33	62	1222	0.730 ug/L #	75
35) Methylcyclohexane	6.32	83	14563	7.014 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7279	5.825 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2098	1.064 ug/L	86
44) trans-1,3-Dichloropropene	7.85	75	1258	0.719 ug/L #	72
48) 2-Hexanone	8.36	43	3007	1.821 ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	9721	5.984 ug/L	91

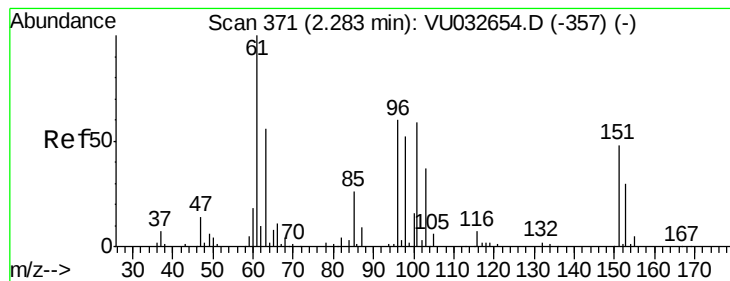
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032660.D
Acq On : 12 Jun 2019 18:25
Operator : JC/SP
Sample : K3313-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0LY2

Quant Time: Jun 13 06:01:37 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





#10

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

Concen: 0.678 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU032660.D

Acq: 12 Jun 2019 18:25

Instrument :

MSVOA_U

ClientSampleId :

C0LY2

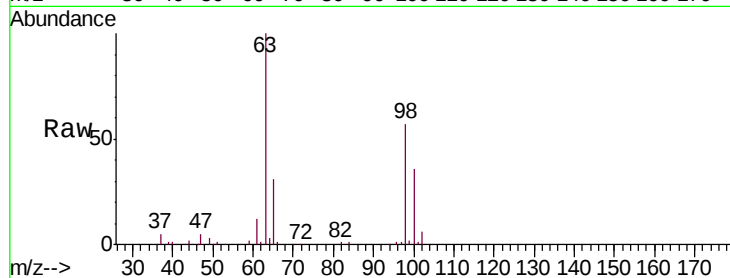
Tgt Ion:101 Resp: 725

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

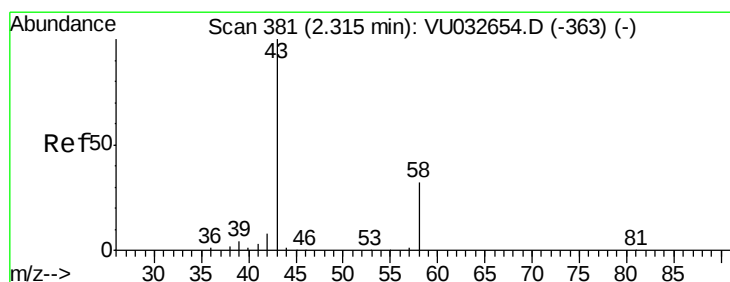
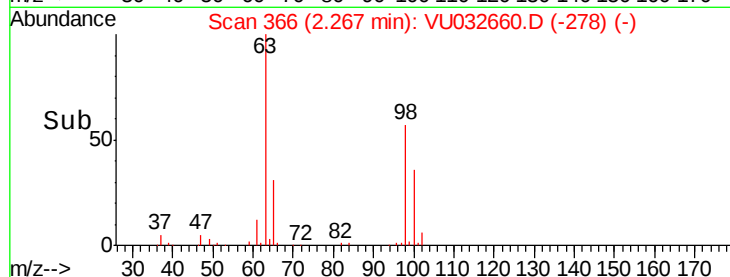
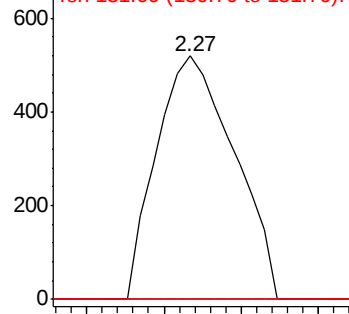
151 0.0 63.0 94.4#



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



#13

Acetone

Concen: 2.150 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032660.D

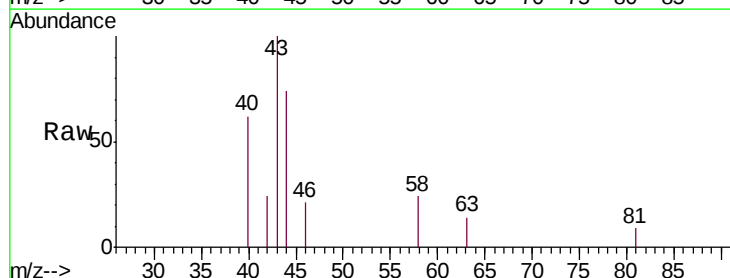
Acq: 12 Jun 2019 18:25

Tgt Ion: 43 Resp: 2108

Ion Ratio Lower Upper

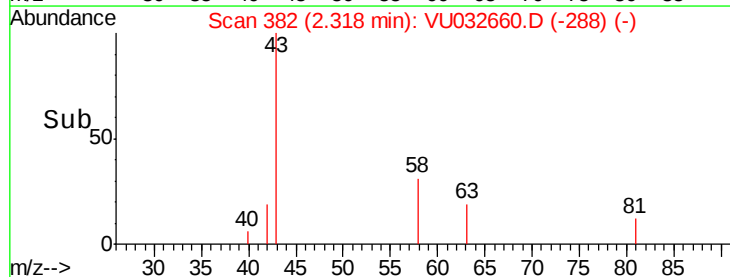
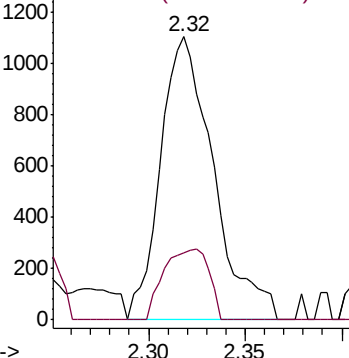
43 100

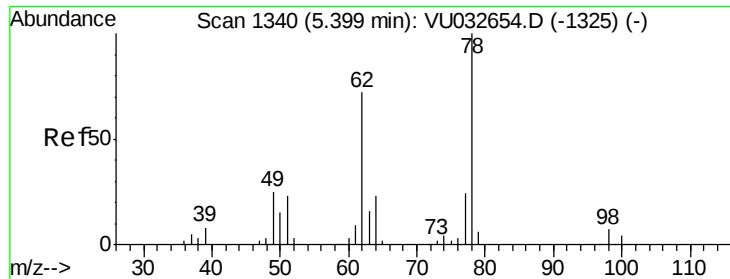
58 21.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

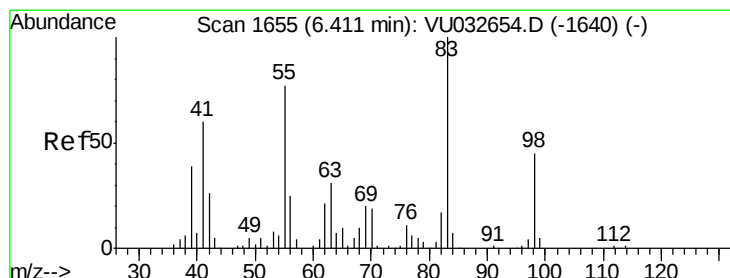
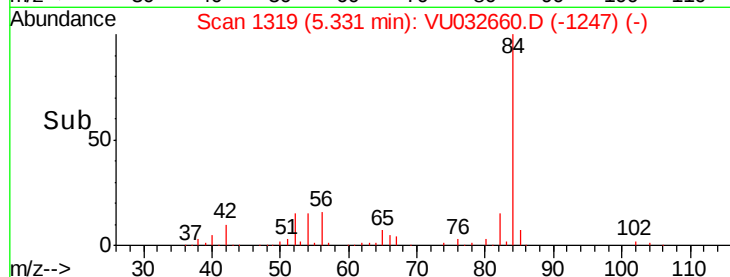
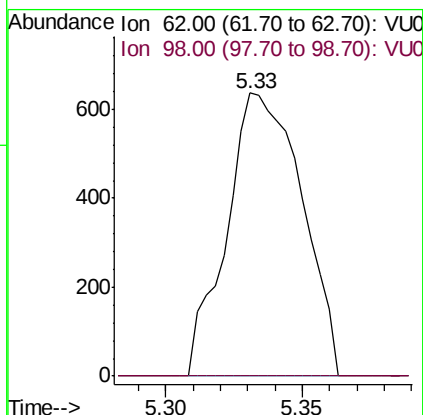
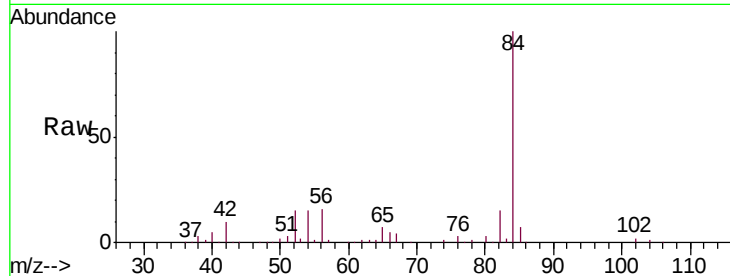




#27
 1,2-Dichloroethane
 Concen: 0.730 ug/L
 RT: 5.33 min Scan# 1319
 Delta R.T. -0.07 min
 Lab File: VU032660.D
 Acq: 12 Jun 2019 18:25

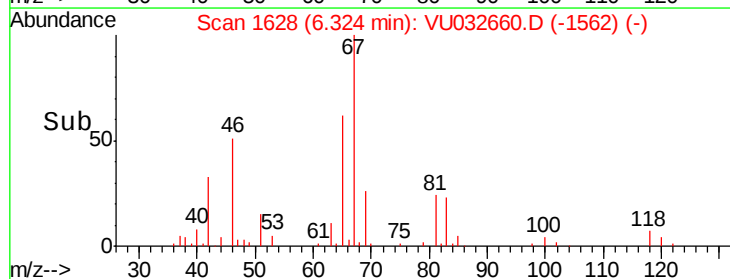
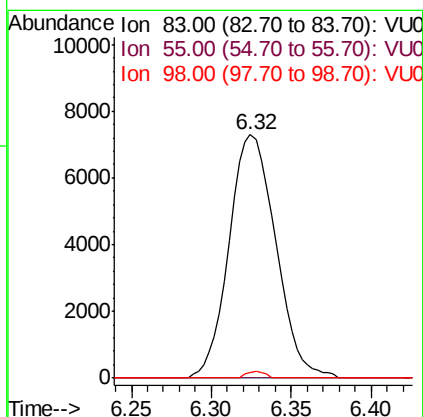
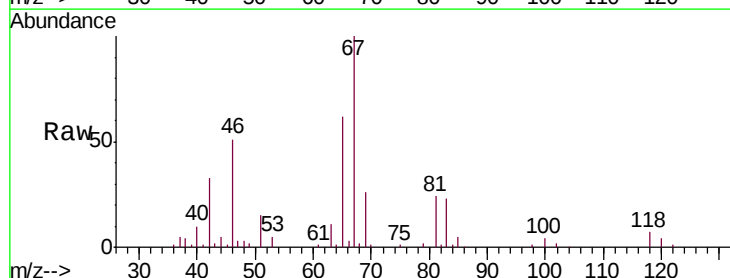
Instrument :
 MSVOA_U
 ClientSampleId :
 COLY2

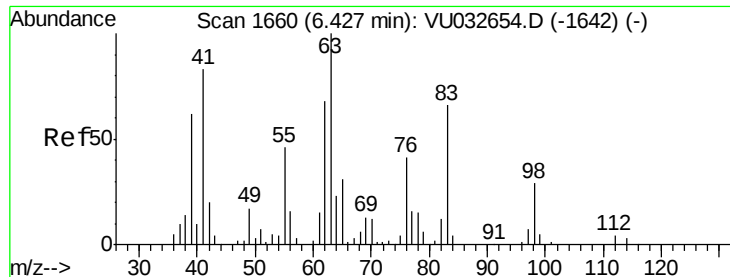
Tgt Ion: 62 Resp: 1222
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#35
 Methylcyclohexane
 Concen: 7.014 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.09 min
 Lab File: VU032660.D
 Acq: 12 Jun 2019 18:25

Tgt Ion: 83 Resp: 14563
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.2 90.4#
 98 1.0 37.4 56.2#

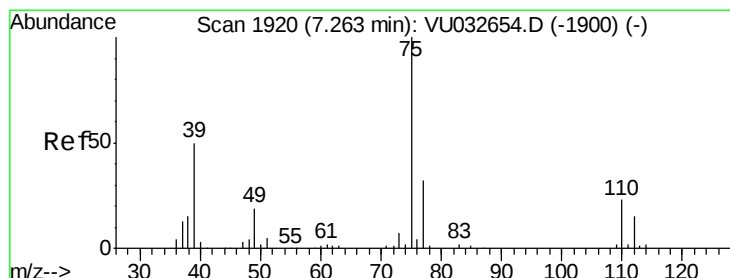
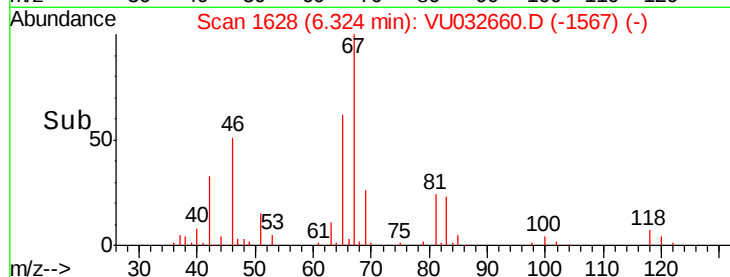
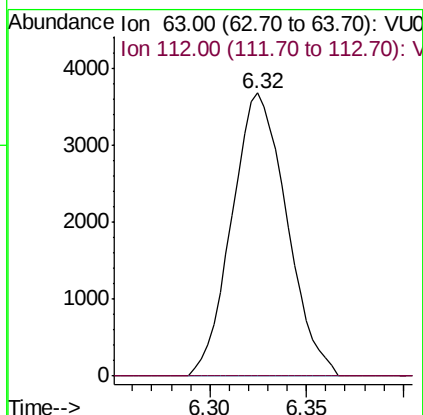
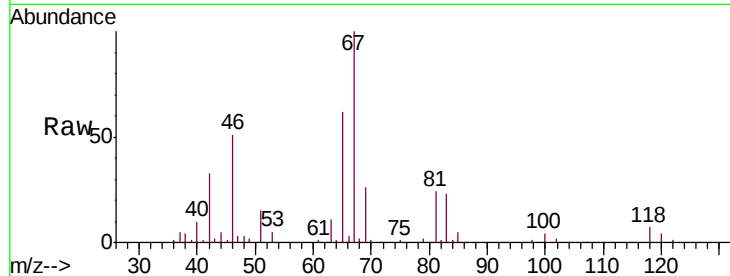




#37
 1,2-Dichloropropane
 Concen: 5.825 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032660.D
 Acq: 12 Jun 2019 18:25

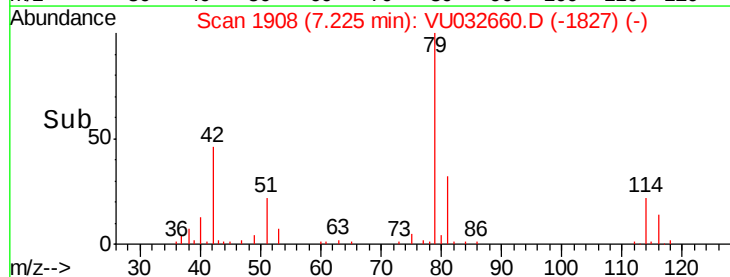
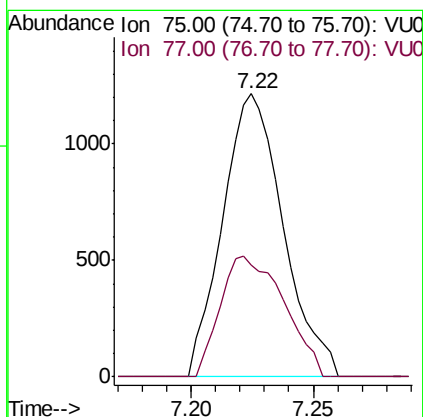
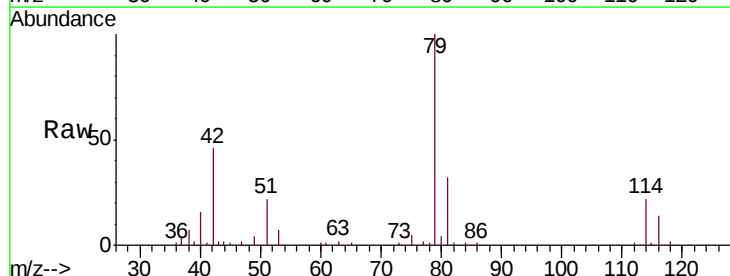
Instrument :
 MSVOA_U
 ClientSampleId :
 COLY2

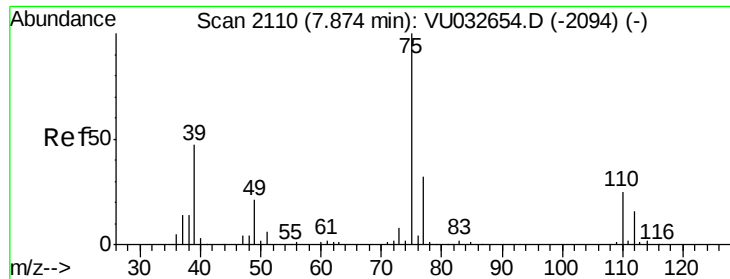
Tgt Ion: 63 Resp: 7279
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.064 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032660.D
 Acq: 12 Jun 2019 18:25

Tgt Ion: 75 Resp: 2098
 Ion Ratio Lower Upper
 75 100
 77 39.3 22.0 41.0

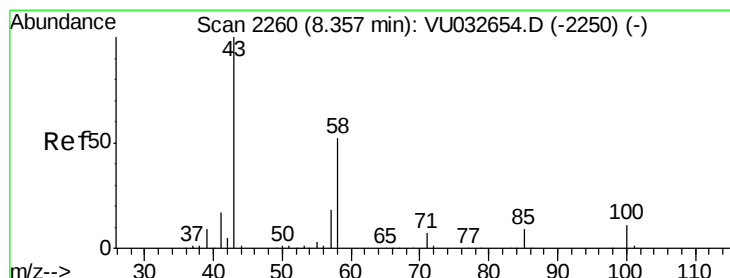
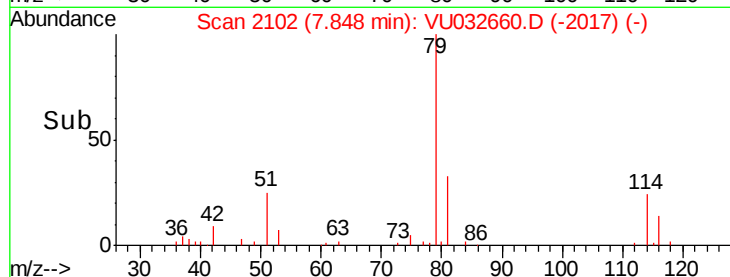
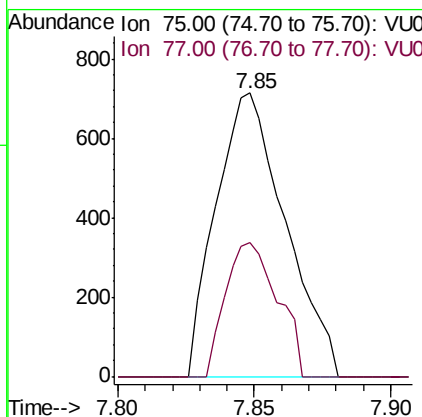
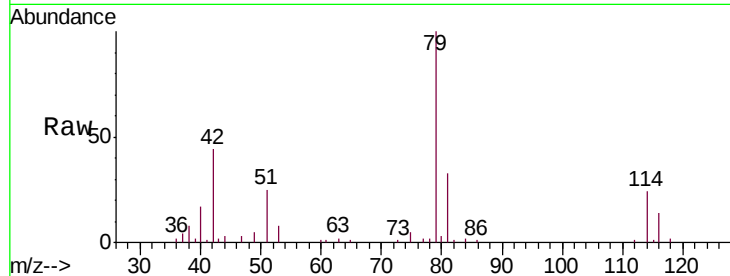




#44
trans-1,3-Dichloropropene
Concen: 0.719 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032660.D
Acq: 12 Jun 2019 18:25

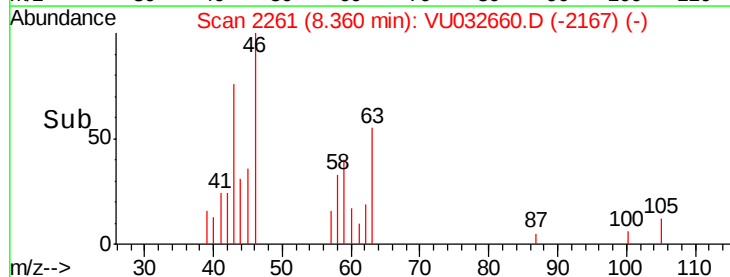
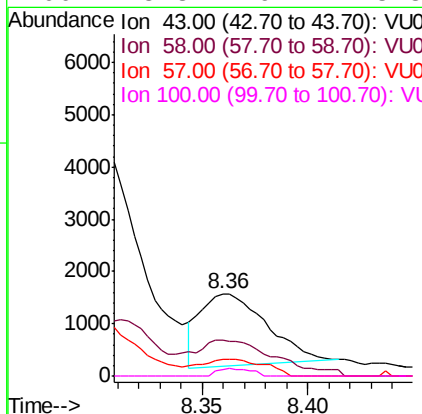
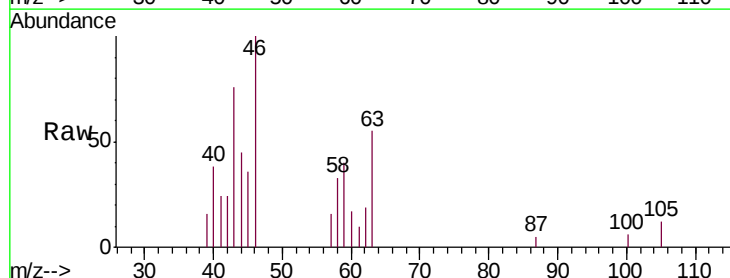
Instrument :
MSVOA_U
ClientSampleId :
COLY2

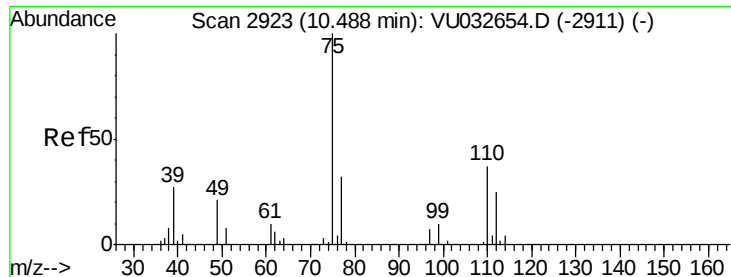
Tgt Ion: 75 Resp: 1258
Ion Ratio Lower Upper
75 100
77 47.3 22.1 41.1#



#48
2-Hexanone
Concen: 1.821 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032660.D
Acq: 12 Jun 2019 18:25

Tgt Ion: 43 Resp: 3007
Ion Ratio Lower Upper
43 100
58 40.7 42.0 63.0#
57 4.8 14.6 22.0#
100 5.3 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 5.984 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032660.D

Acq: 12 Jun 2019 18:25

Instrument :

MSVOA_U

ClientSampleId :

C0LY2

Tgt Ion: 75 Resp: 9721

Ion Ratio Lower Upper

75 100

77 37.0 25.6 38.4

