

Data File : VU032662.D
Acq On : 12 Jun 2019 19:11
Operator : JC/SP
Sample : K3313-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COLY4

Quant Time: Jun 13 06:01:54 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	176455	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	166782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52190	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.18%
7) Chloroethane-d5	1.68	69	41571	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.38%
11) 1,1-Dichloroethene-d2	2.27	63	78170	34.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.74%
21) 2-Butanone-d5	4.17	46	89570	93.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.49%
24) Chloroform-d	4.64	84	99637	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.30	65	66391	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
32) Benzene-d6	5.33	84	201885	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.26%
36) 1,2-Dichloropropane-d6	6.32	67	64671	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.26%
41) Toluene-d8	7.56	98	183160	44.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.22%
43) trans-1,3-Dichloropropene-	7.85	79	30004	46.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.36%
47) 2-Hexanone-d5	8.31	63	57692	87.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90419	45.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	73688	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	677	0.628 ug/L #	18
12) 1,1-Dichloroethene	2.28	96	2529	2.415 ug/L #	1
13) Acetone	2.32	43	1855	1.877 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	2894	2.254 ug/L	95
27) 1,2-Dichloroethane	5.33	62	1279	0.758 ug/L #	75
35) Methylcyclohexane	6.32	83	14810	7.176 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7508	6.044 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1892	0.965 ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	1250	0.719 ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	9914	6.139 ug/L	89

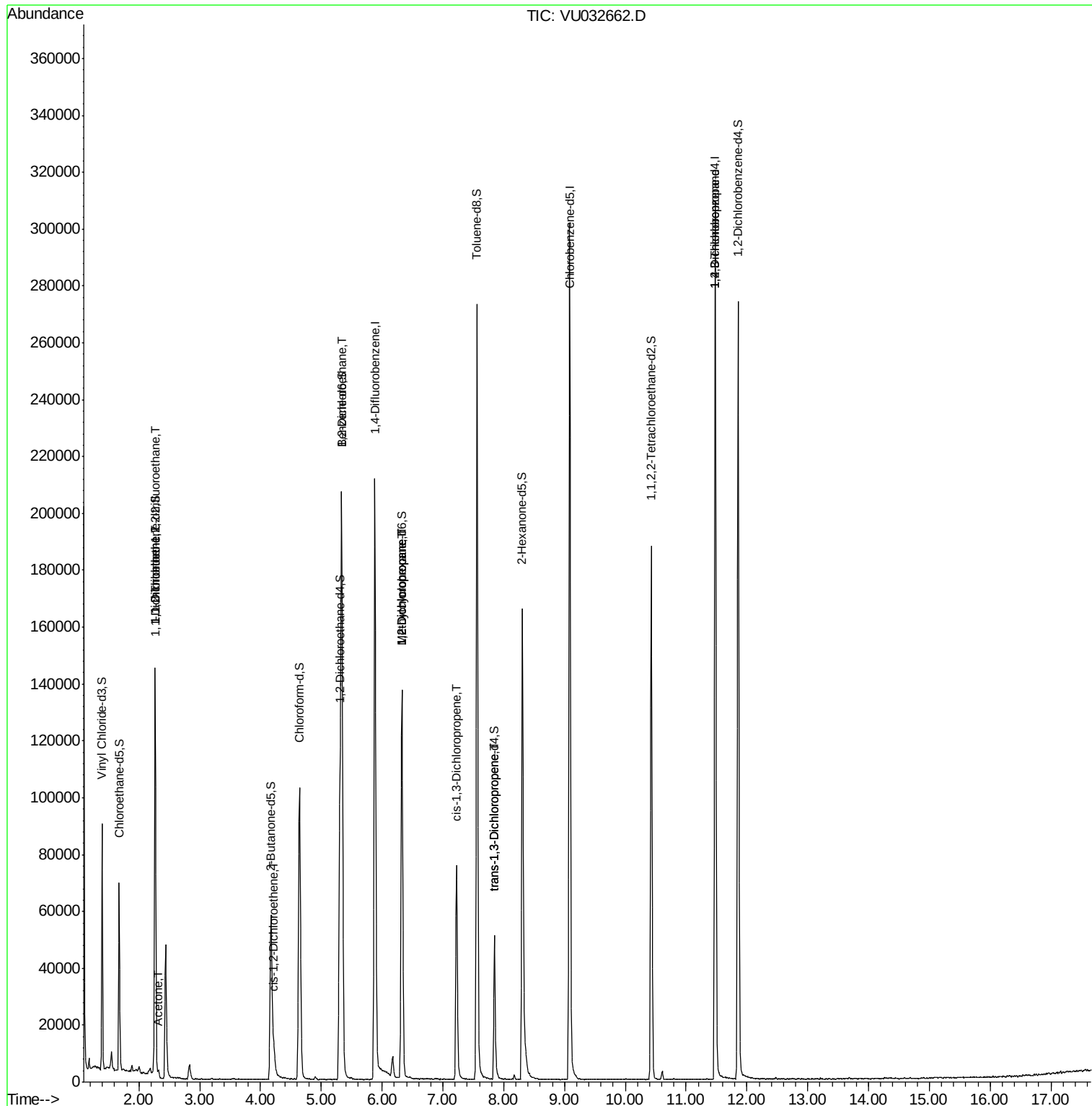
(#) = qualifier out of range (m) = manual integration (+) = signals summed

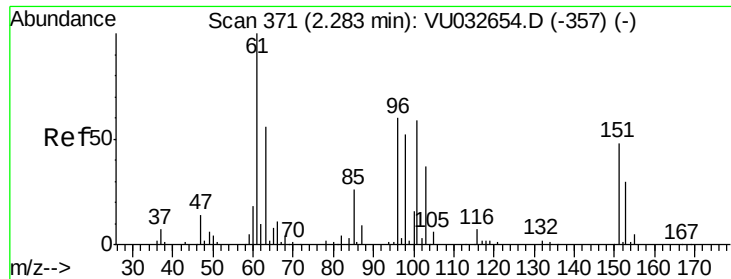
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Response via : Initial Calibration





#10

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

Concen: 0.628 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU032662.D

Acq: 12 Jun 2019 19:11

Instrument :

MSVOA_U

ClientSampleId :

C0LY4

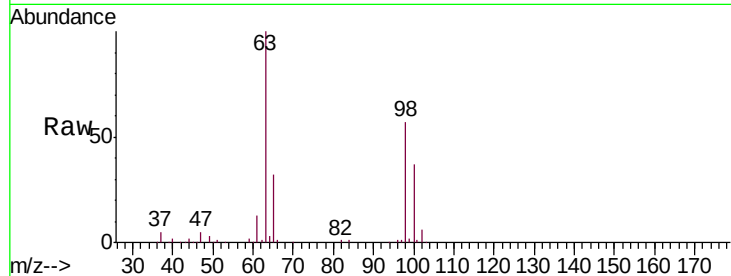
Tgt Ion: 101 Resp: 677

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

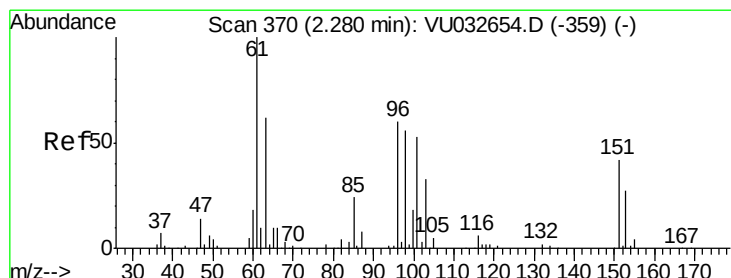
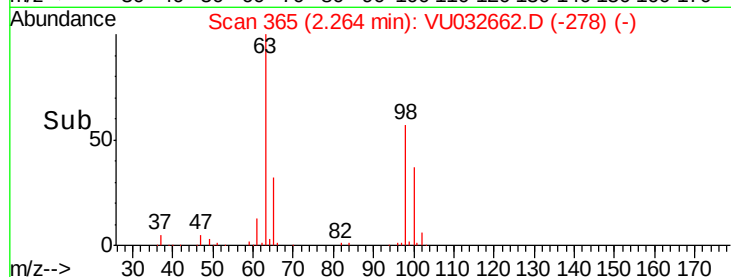
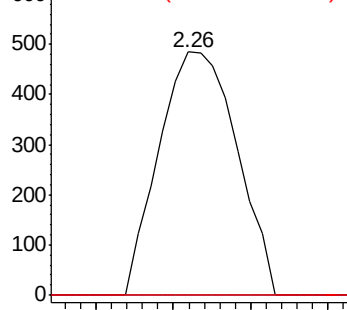
151 0.0 63.0 94.4#



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



#12

1,1-Dichloroethene

Concen: 2.415 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU032662.D

Acq: 12 Jun 2019 19:11

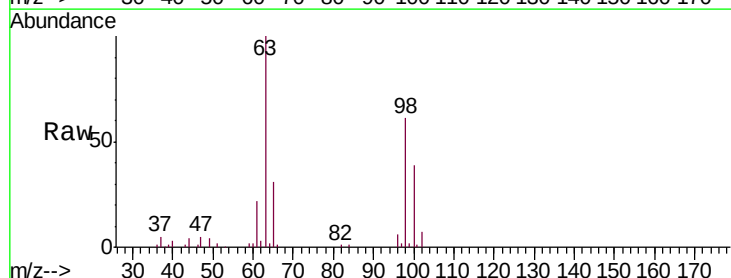
Tgt Ion: 96 Resp: 2529

Ion Ratio Lower Upper

96 100

61 359.1 129.5 240.5#

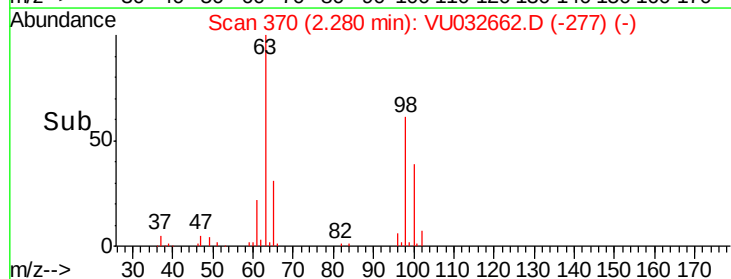
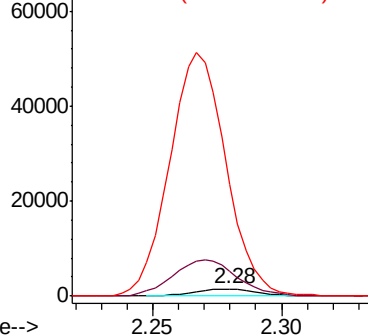
63 1602.2 103.4 192.0#

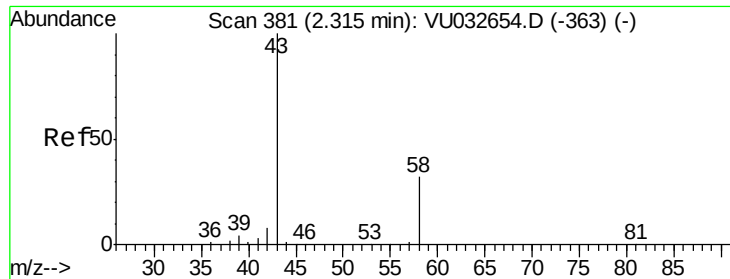


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.877 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032662.D

Acq: 12 Jun 2019 19:11

Instrument :

MSVOA_U

ClientSampled :

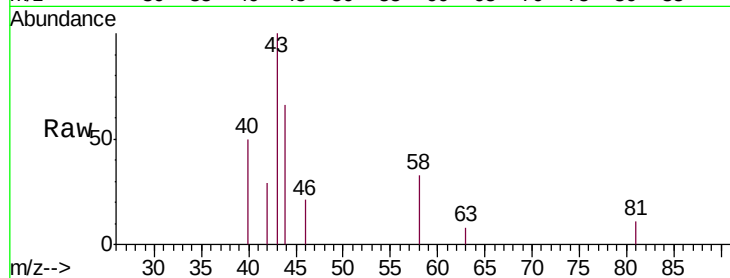
C0LY4

Tgt Ion: 43 Resp: 1855

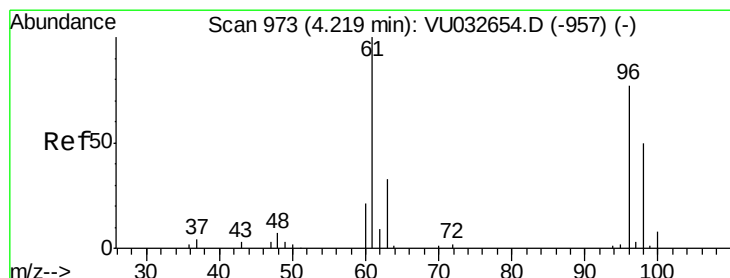
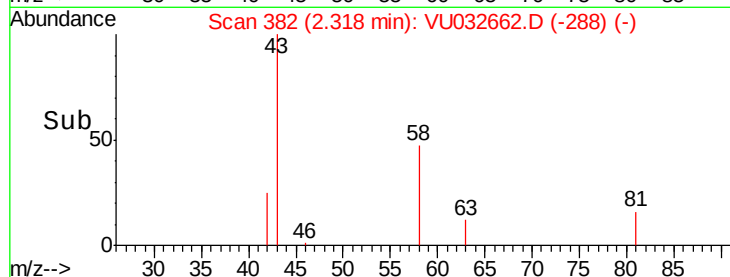
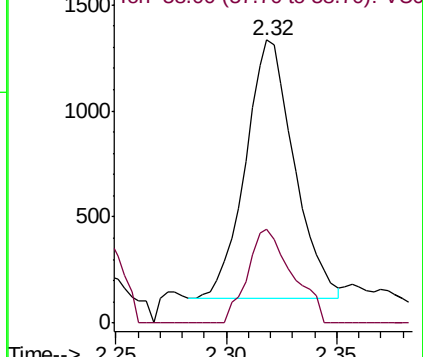
Ion Ratio Lower Upper

43 100

58 33.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032662.D (-288) (-)



#20

cis-1,2-Dichloroethene

Concen: 2.254 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU032662.D

Acq: 12 Jun 2019 19:11

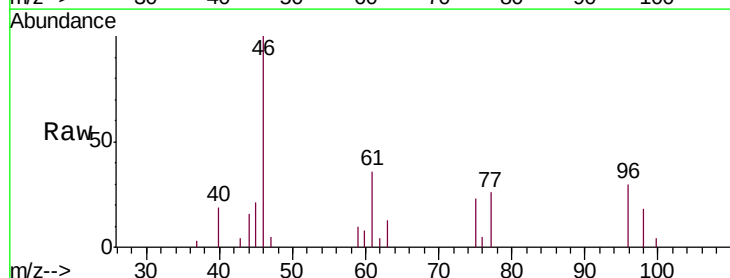
Tgt Ion: 96 Resp: 2894

Ion Ratio Lower Upper

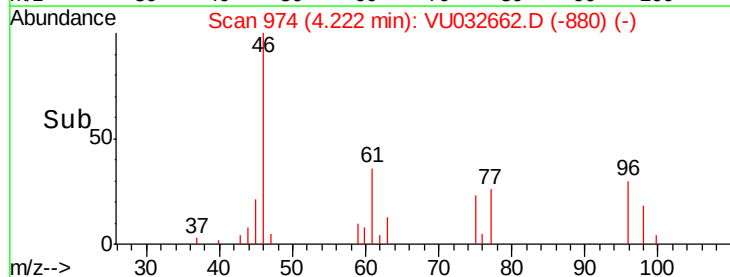
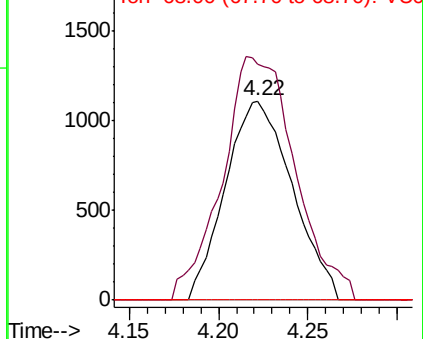
96 100

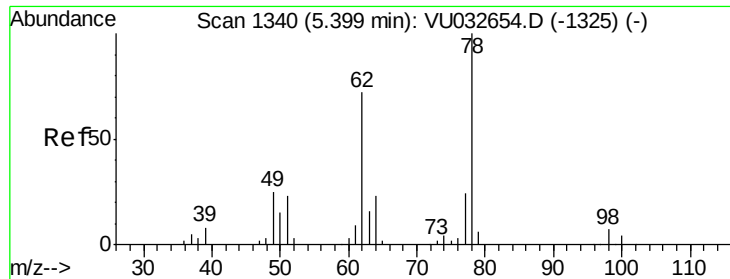
61 119.0 87.2 162.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032662.D (-880) (-)

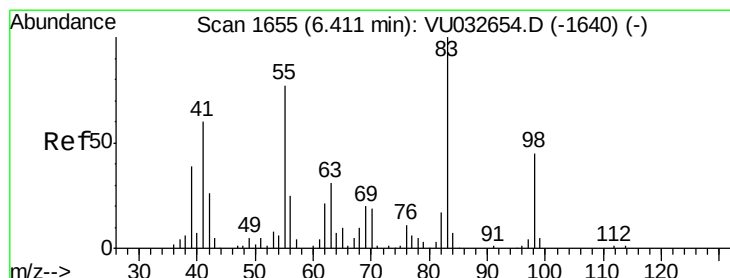
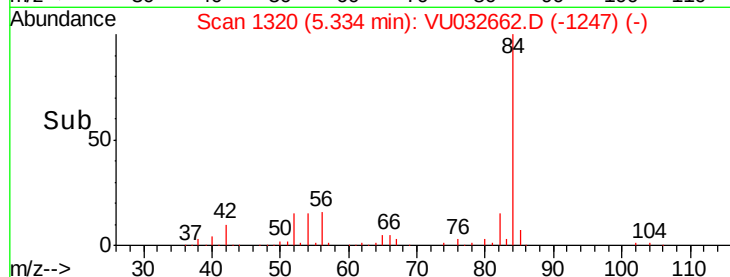
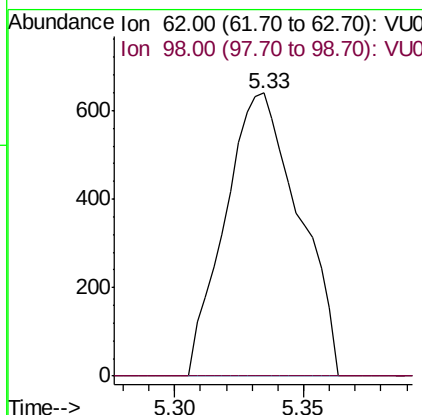
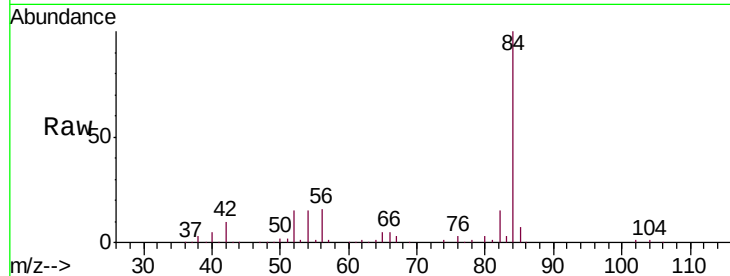




#27
 1,2-Dichloroethane
 Concen: 0.758 ug/L
 RT: 5.33 min Scan# 1320
 Delta R.T. -0.06 min
 Lab File: VU032662.D
 Acq: 12 Jun 2019 19:11

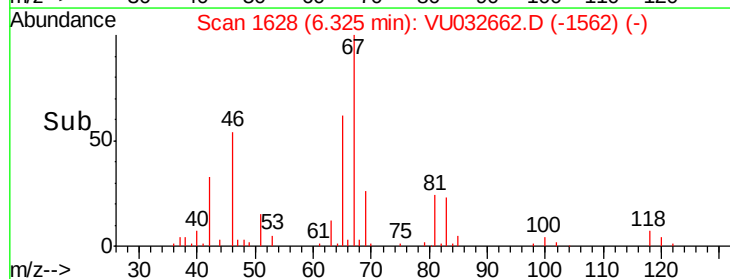
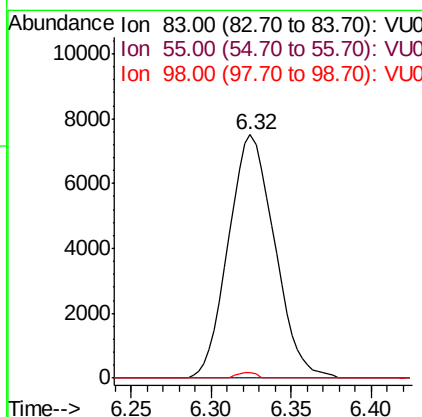
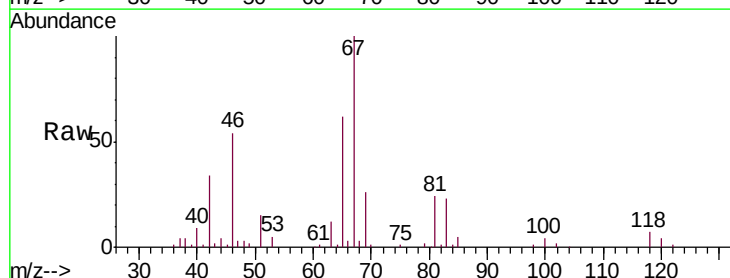
Instrument :
 MSVOA_U
 ClientSampleId :
 COLY4

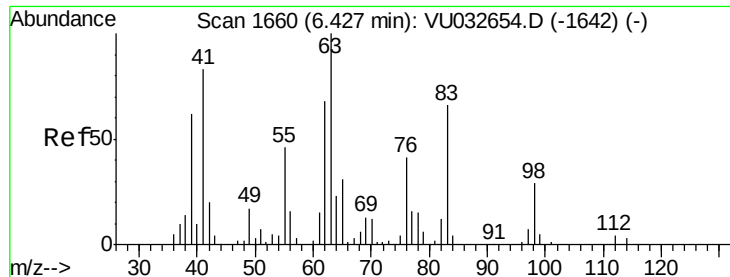
Tgt Ion: 62 Resp: 1279
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#35
 Methylcyclohexane
 Concen: 7.176 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.09 min
 Lab File: VU032662.D
 Acq: 12 Jun 2019 19:11

Tgt Ion: 83 Resp: 14810
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.2 90.4#
 98 1.0 37.4 56.2#

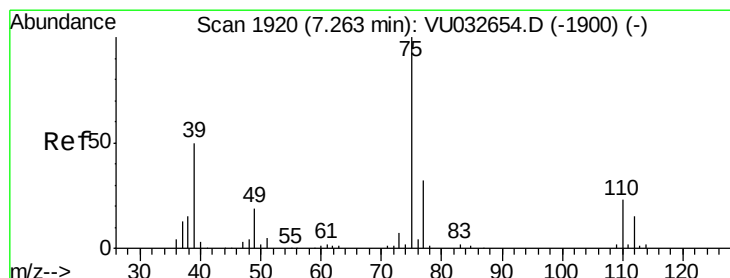
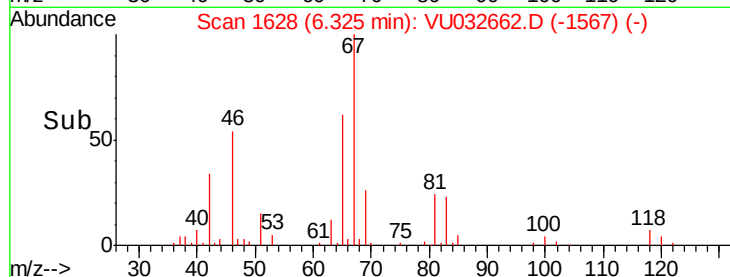
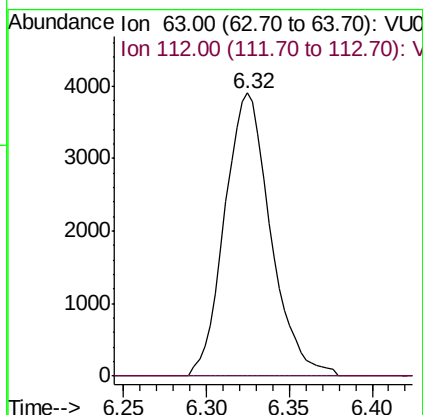
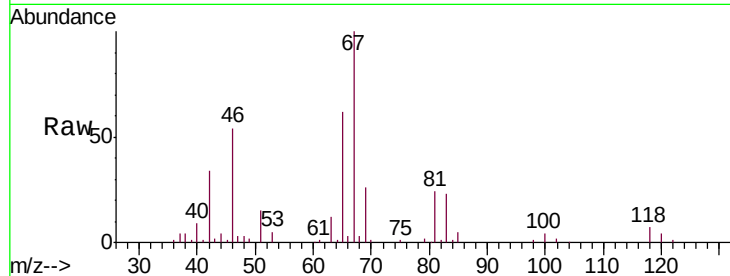




#37
 1,2-Dichloropropane
 Concen: 6.044 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032662.D
 Acq: 12 Jun 2019 19:11

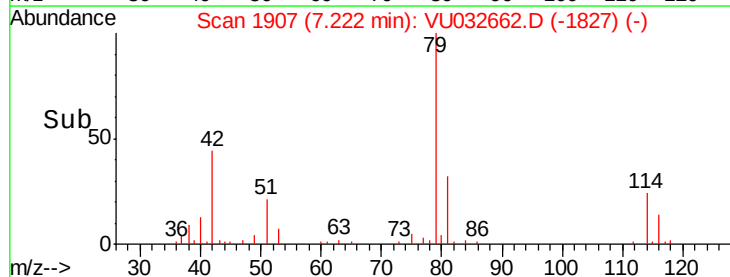
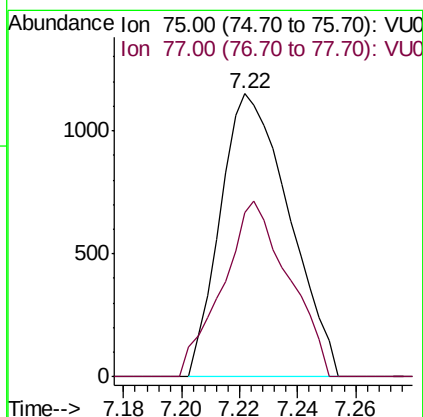
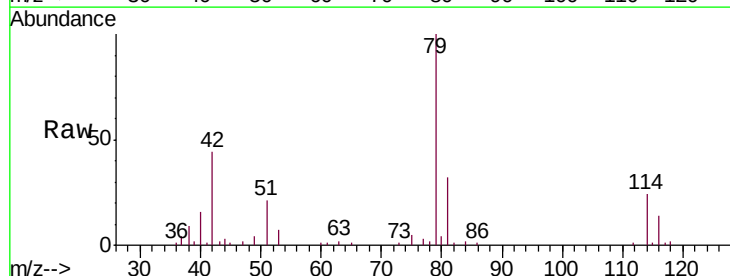
Instrument :
 MSVOA_U
 ClientSampleId :
 COLY4

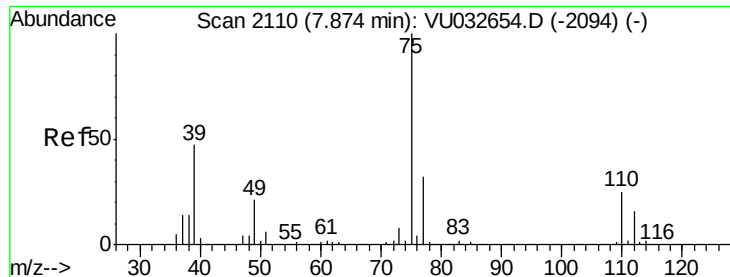
Tgt Ion: 63 Resp: 7508
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.965 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032662.D
 Acq: 12 Jun 2019 19:11

Tgt Ion: 75 Resp: 1892
 Ion Ratio Lower Upper
 75 100
 77 58.2 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.719 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032662.D

Acq: 12 Jun 2019 19:11

Instrument :

MSVOA_U

ClientSampleId :

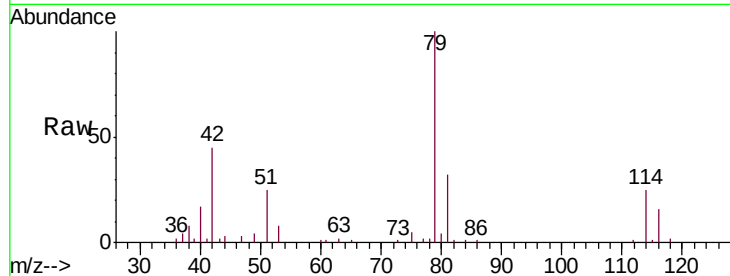
C0LY4

Tgt Ion: 75 Resp: 1250

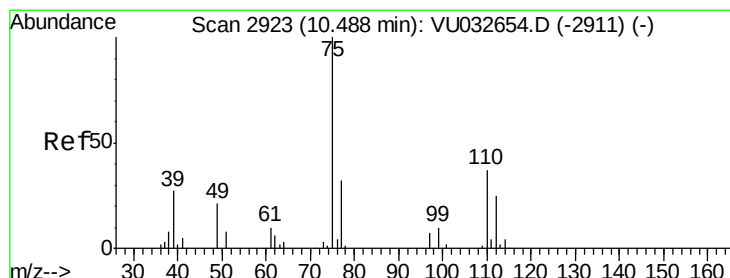
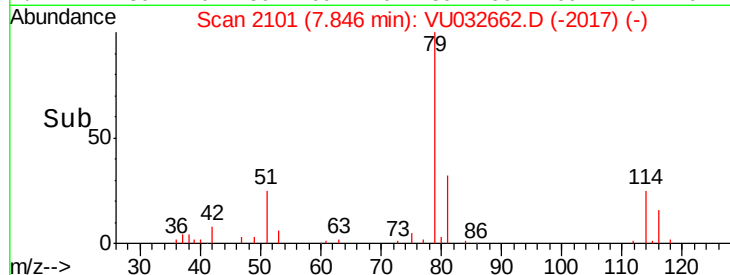
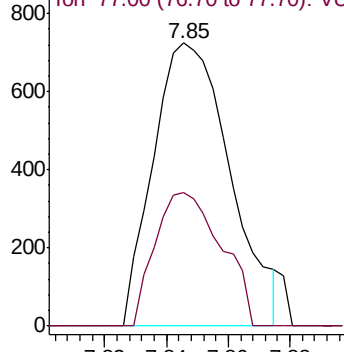
Ion Ratio Lower Upper

75 100

77 47.2 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU032654.D (-2094) (-)



#59

1,2,3-Trichloropropane

Concen: 6.139 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032662.D

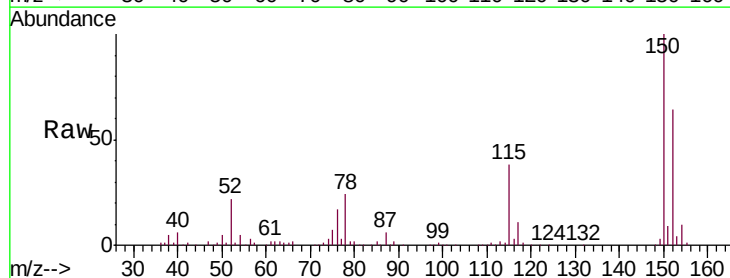
Acq: 12 Jun 2019 19:11

Tgt Ion: 75 Resp: 9914

Ion Ratio Lower Upper

75 100

77 37.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU032654.D (-2911) (-)

