

Data File : VU032665.D
Acq On : 12 Jun 2019 20:20
Operator : JC/SP
Sample : K3313-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COLY7

Quant Time: Jun 13 06:02:19 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	171522	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	164503	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79939	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50320	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.44%
7) Chloroethane-d5	1.68	69	41116	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.96%
11) 1,1-Dichloroethene-d2	2.27	63	78642	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.18%
21) 2-Butanone-d5	4.17	46	90540	97.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.22%
24) Chloroform-d	4.64	84	97135	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.30	65	65763	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
32) Benzene-d6	5.33	84	195381	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
36) 1,2-Dichloropropane-d6	6.32	67	63883	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.42%
41) Toluene-d8	7.56	98	178247	44.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.04%
43) trans-1,3-Dichloropropene-	7.85	79	26699	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.32%
47) 2-Hexanone-d5	8.31	63	55019	84.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86895	44.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	71970	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

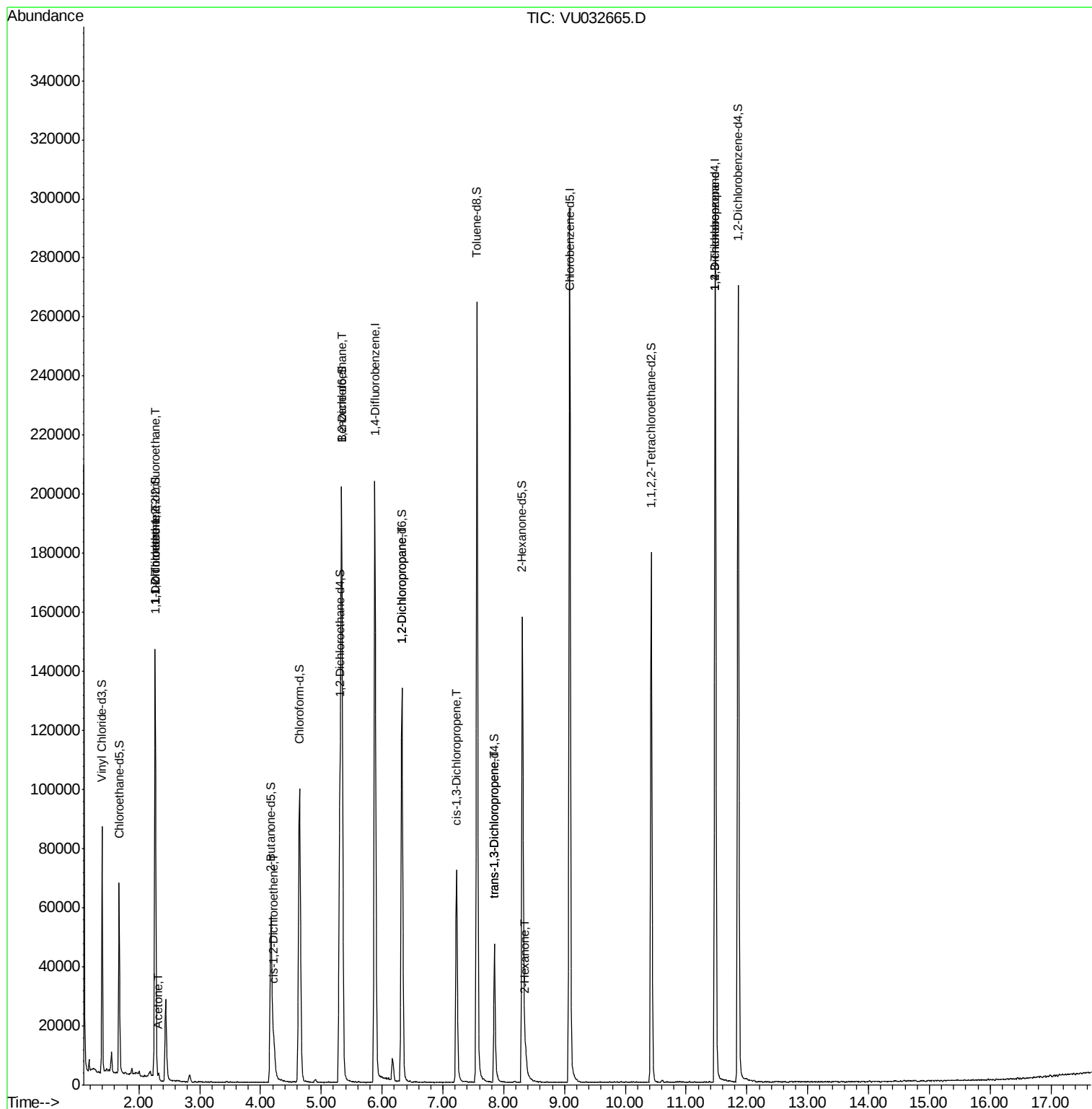
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	624	0.595 ug/L #	18
12) 1,1-Dichloroethene	2.28	96	5073	4.984 ug/L #	1
13) Acetone	2.32	43	1535	1.597 ug/L	91
20) cis-1,2-Dichloroethene	4.22	96	2243	1.797 ug/L	96
27) 1,2-Dichloroethane	5.34	62	1172	0.715 ug/L #	75
37) 1,2-Dichloropropane	6.32	63	7135	5.823 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	1800	0.931 ug/L #	63
44) trans-1,3-Dichloropropene	7.85	75	1165	0.679 ug/L #	78
48) 2-Hexanone	8.36	43	4043	2.497 ug/L #	48
59) 1,2,3-Trichloropropane	11.48	75	9545	5.993 ug/L #	84

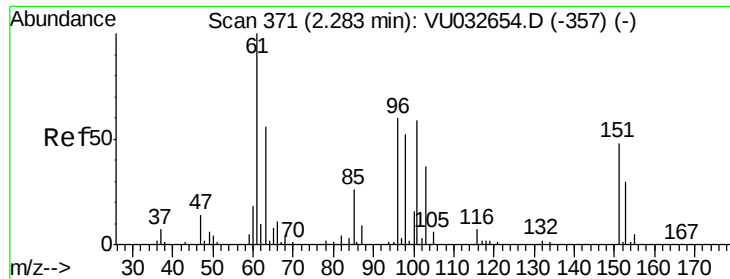
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.595 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU032665.D

Acq: 12 Jun 2019 20:20

Instrument :

MSVOA_U

ClientSampleId :

C0LY7

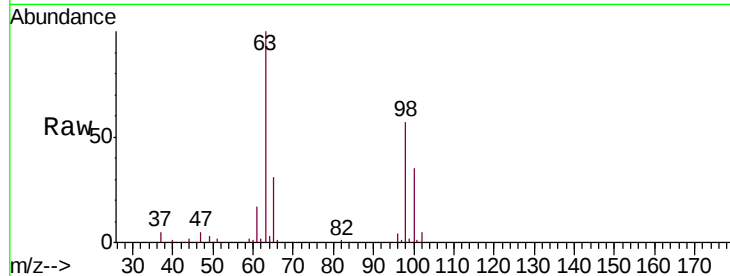
Tgt Ion: 101 Resp: 624

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

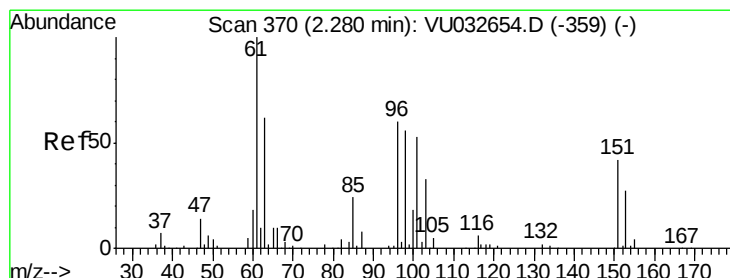
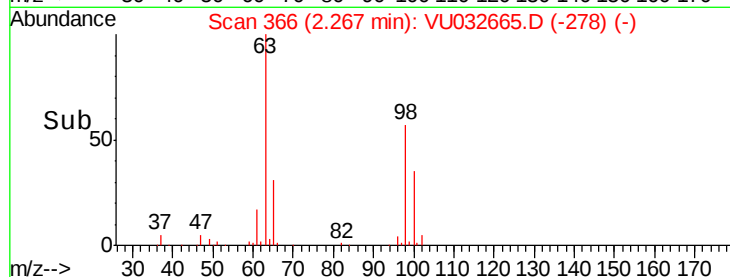
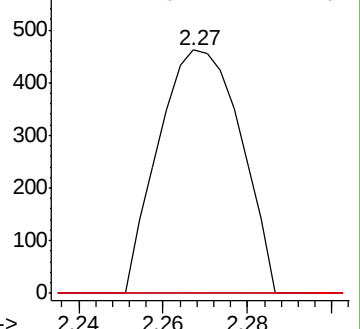
151 0.0 63.0 94.4#



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: 4.984 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU032665.D

Acq: 12 Jun 2019 20:20

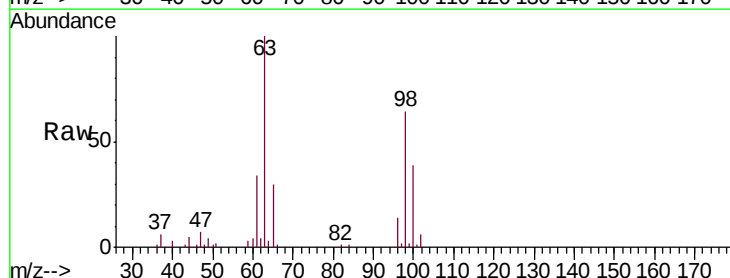
Tgt Ion: 96 Resp: 5073

Ion Ratio Lower Upper

96 100

61 250.5 129.5 240.5#

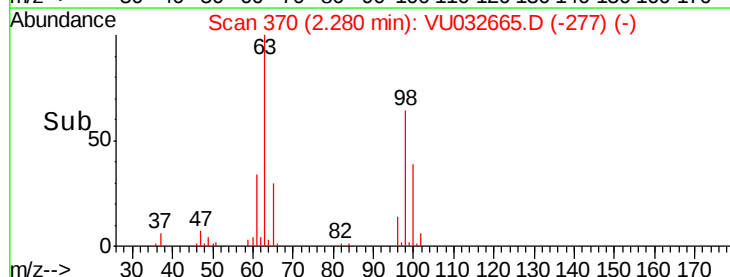
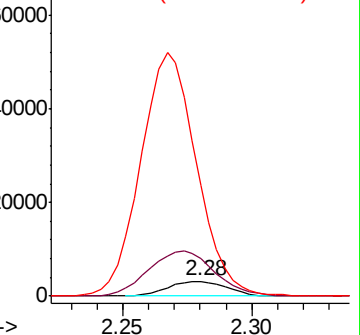
63 740.5 103.4 192.0#

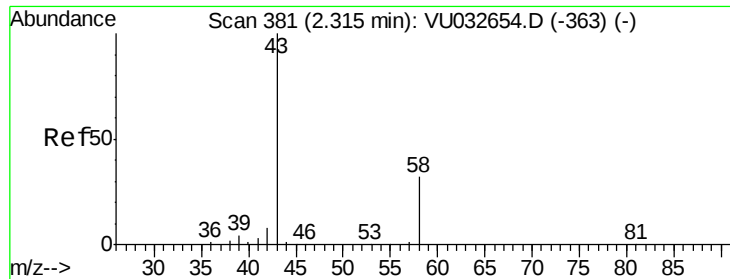


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.597 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032665.D

Acq: 12 Jun 2019 20:20

Instrument :

MSVOA_U

ClientSampled :

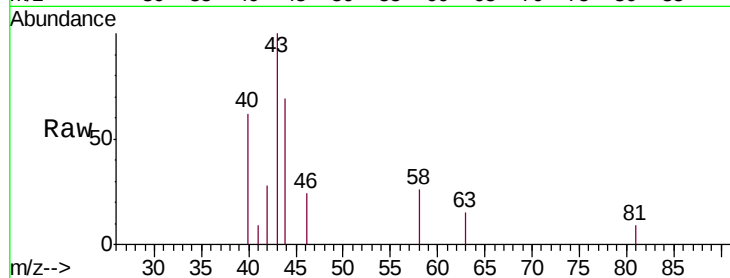
C0LY7

Tgt Ion: 43 Resp: 1535

Ion Ratio Lower Upper

43 100

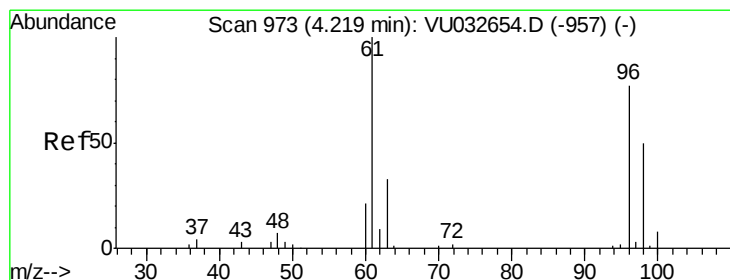
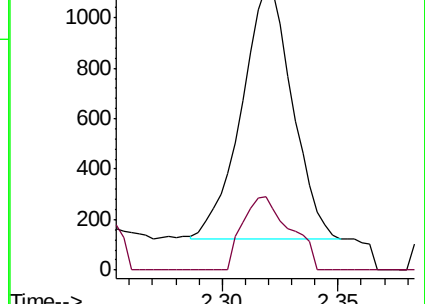
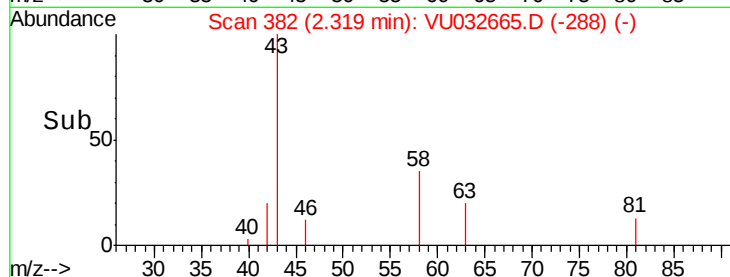
58 27.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032665.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU032665.D (-288) (-)

Time-->



#20

cis-1,2-Dichloroethene

Concen: 1.797 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU032665.D

Acq: 12 Jun 2019 20:20

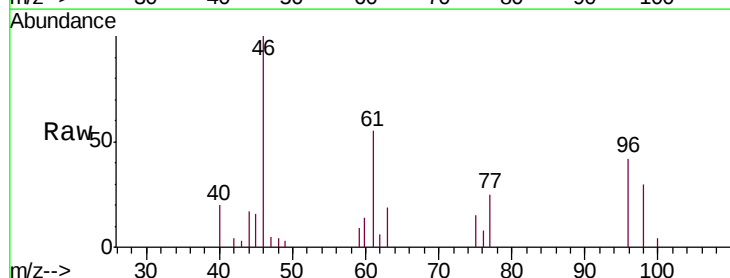
Tgt Ion: 96 Resp: 2243

Ion Ratio Lower Upper

96 100

61 128.6 87.2 162.0

68 0.0 0.0 0.0

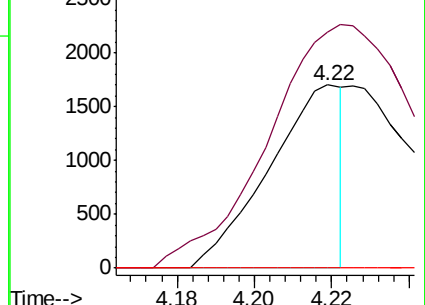
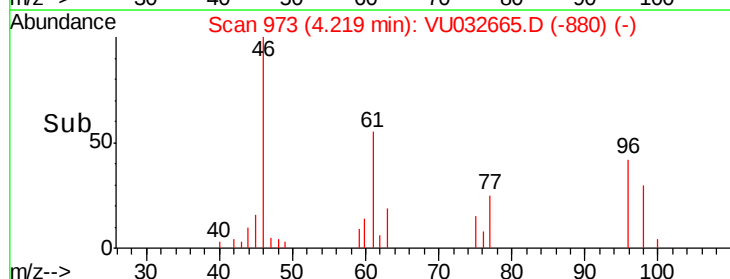


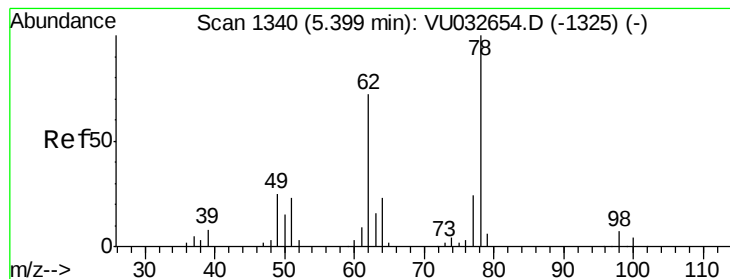
Abundance Ion 96.00 (95.70 to 96.70): VU032665.D (-880) (-)

Ion 61.00 (60.70 to 61.70): VU032665.D (-880) (-)

Ion 68.00 (67.70 to 68.70): VU032665.D (-880) (-)

Time-->





#27

1,2-Dichloroethane

Concen: 0.715 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032665.D

Acq: 12 Jun 2019 20:20

Instrument :

MSVOA_U

ClientSampleId :

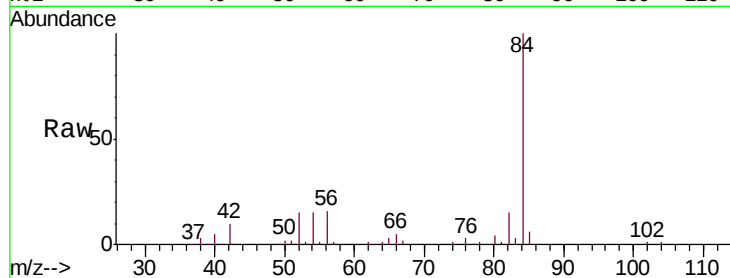
C0LY7

Tgt Ion: 62 Resp: 1172

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.34

600

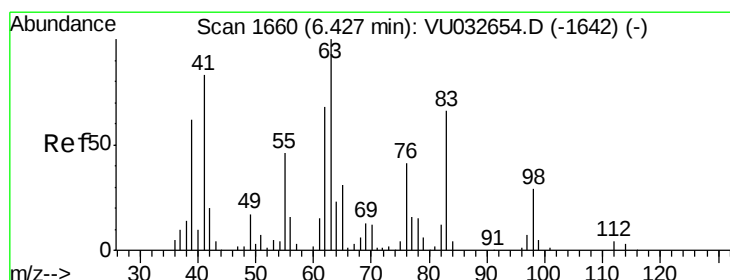
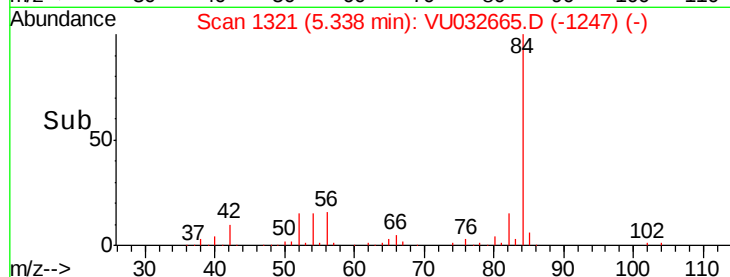
400

200

0

5.30 5.35

Time-->



#37

1,2-Dichloropropane

Concen: 5.823 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032665.D

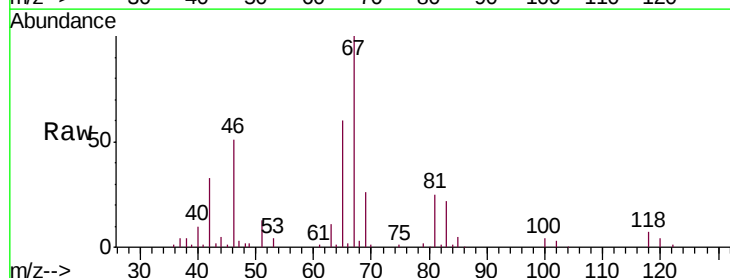
Acq: 12 Jun 2019 20:20

Tgt Ion: 63 Resp: 7135

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

6.32

4000

3000

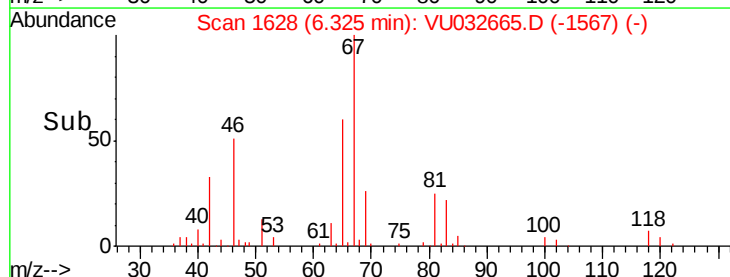
2000

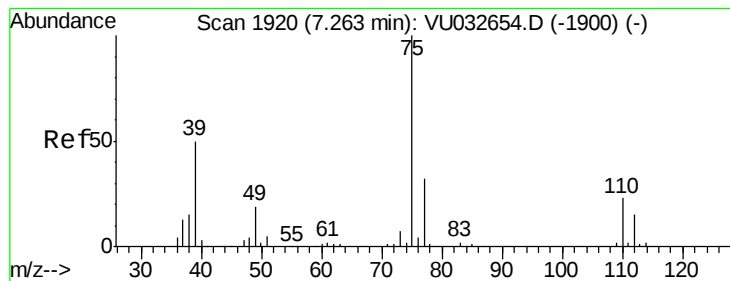
1000

0

6.25 6.30 6.35

Time-->



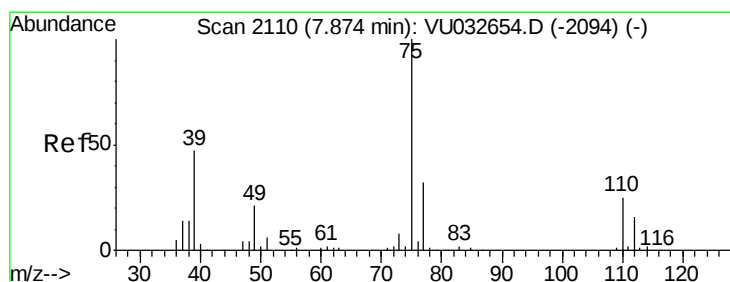
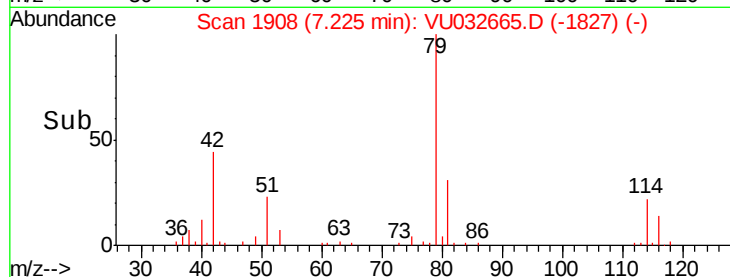
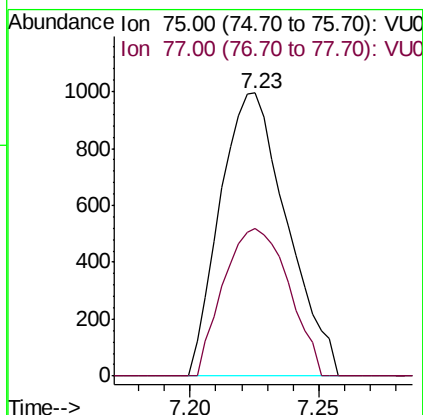
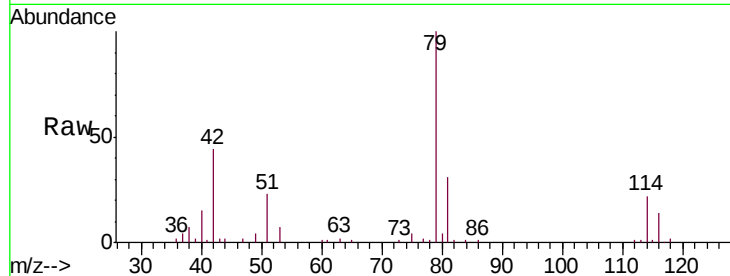


#39

cis-1,3-Dichloropropene
Concen: 0.931 ug/L
RT: 7.23 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032665.D
Acq: 12 Jun 2019 20:20

Instrument :
MSVOA_U
ClientSampleId :
COLY7

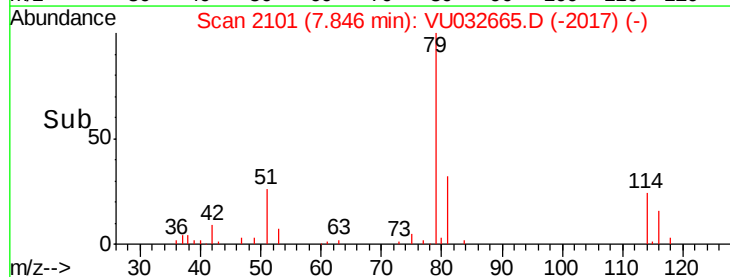
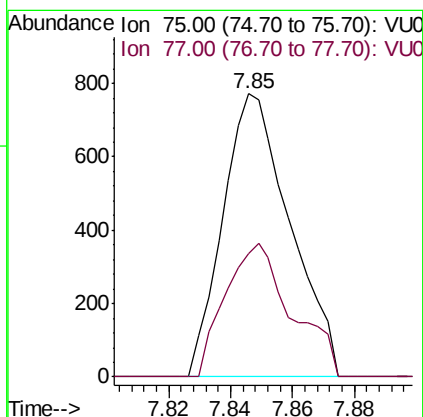
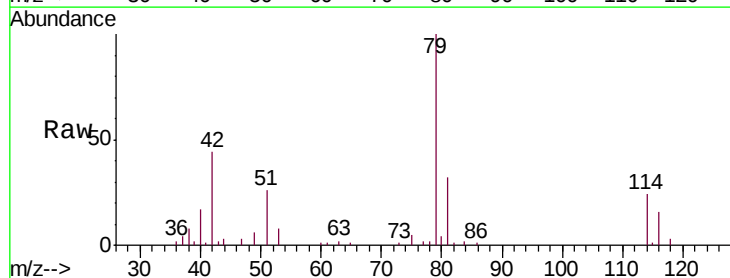
Tgt Ion: 75 Resp: 1800
Ion Ratio Lower Upper
75 100
77 52.0 22.0 41.0#

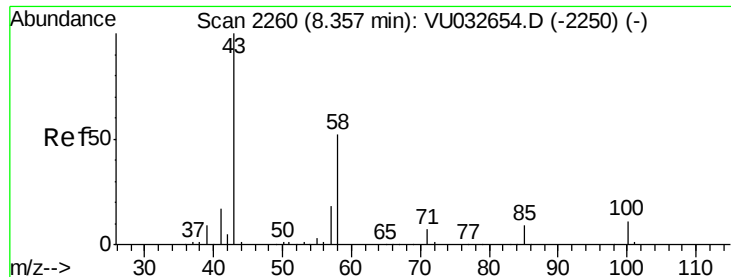


#44

trans-1,3-Dichloropropene
Concen: 0.679 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032665.D
Acq: 12 Jun 2019 20:20

Tgt Ion: 75 Resp: 1165
Ion Ratio Lower Upper
75 100
77 43.8 22.1 41.1#

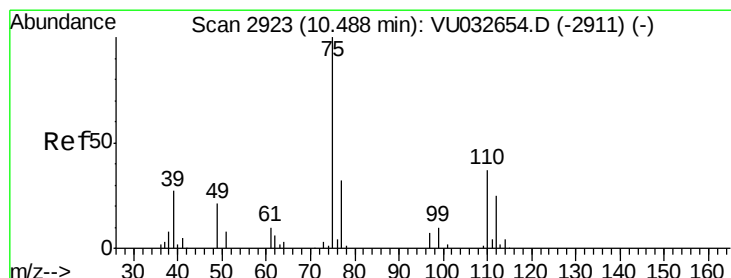
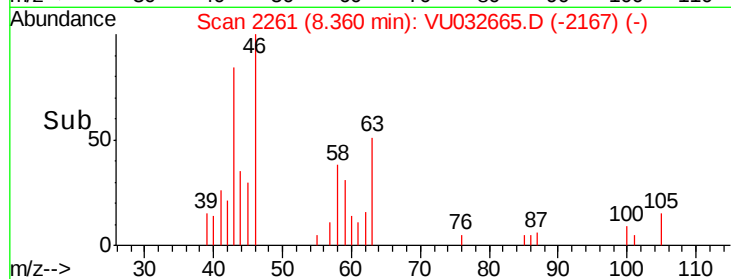
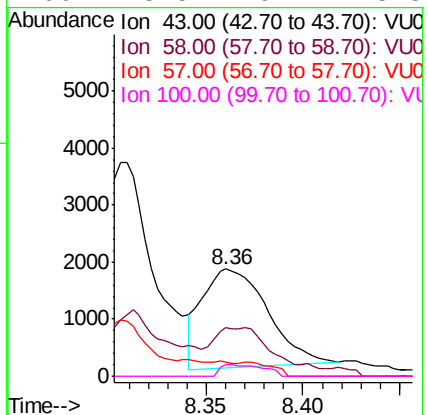
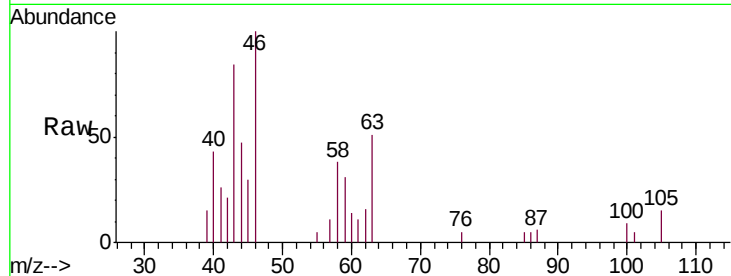




#48
2-Hexanone
Concen: 2.497 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032665.D
Acq: 12 Jun 2019 20:20

Instrument :
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ClientSampleId :
COLY7

Tgt Ion: 43 Resp: 4043
Ion Ratio Lower Upper
43 100
58 7.8 42.0 63.0#
57 0.0 14.6 22.0#
100 3.5 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 5.993 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032665.D
Acq: 12 Jun 2019 20:20

Tgt Ion: 75 Resp: 9545
Ion Ratio Lower Upper
75 100
77 41.1 25.6 38.4#

