

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032174.D
 Acq On : 20 May 2019 23:13
 Operator : JC/SP
 Sample : K2889-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 21 08:43:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 08:29:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	351256	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	354595	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	139463	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99274	3.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.00%
7) Chloroethane-d5	1.68	69	86647	3.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.60%
11) 1,1-Dichloroethene-d2	2.27	63	138200	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.20	46	248442	42.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.54%
24) Chloroform-d	4.64	84	207953	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.31	65	106362	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
32) Benzene-d6	5.33	84	410278	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.80%
36) 1,2-Dichloropropane-d6	6.33	67	123263	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	7.56	98	327528	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.80%#
43) trans-1,3-Dichloropropene-	7.85	79	40165	3.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.60%
46) 2-Hexanone-d5	8.31	63	213001	41.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109832	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	130176	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

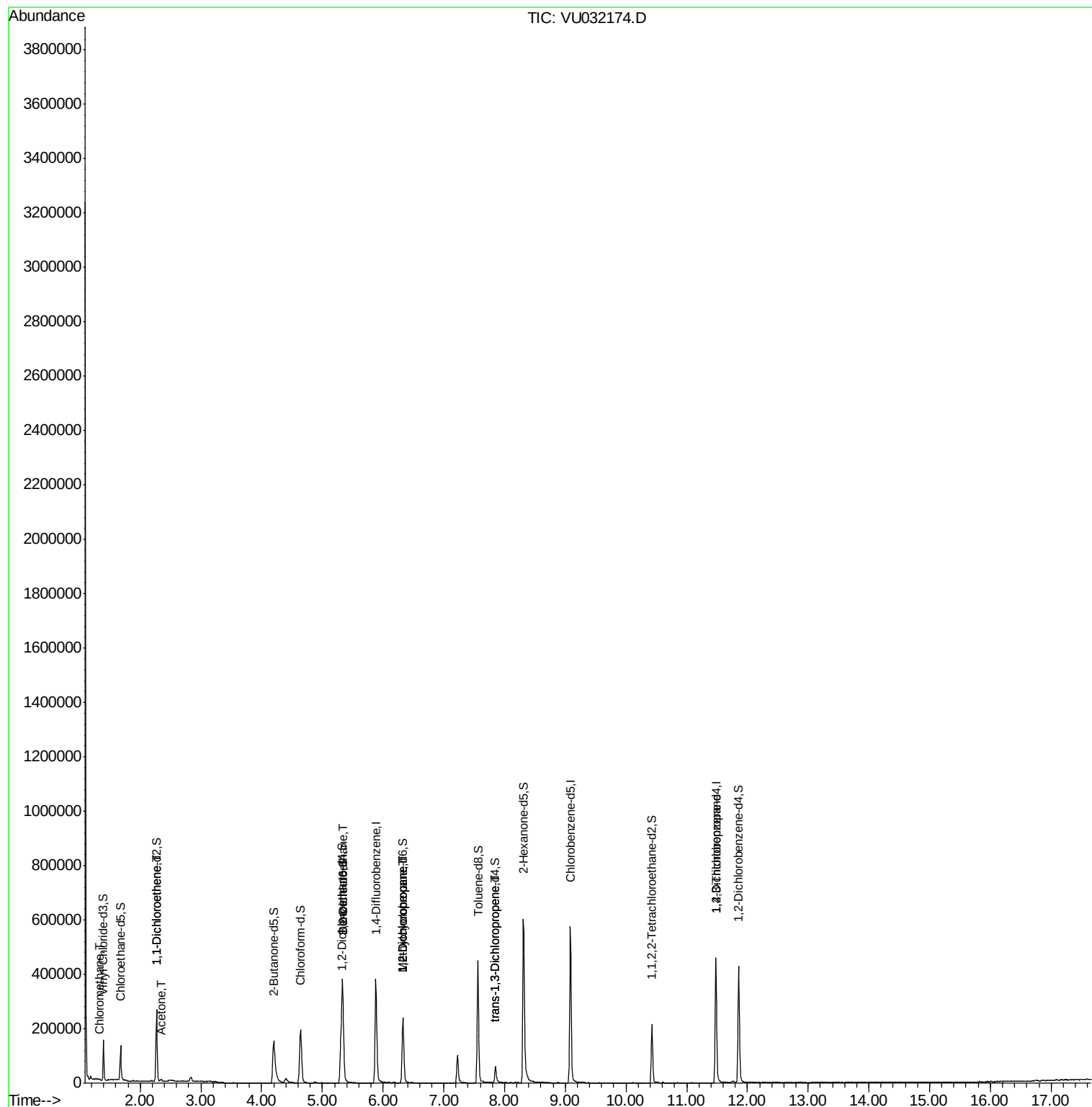
					Ovalue
3) Chloromethane	1.33	50	2526	0.150 ug/L	94
12) 1,1-Dichloroethene	2.27	96	1560	0.111 ug/L #	1
13) Acetone	2.33	43	6193	3.247 ug/L	94
27) 1,2-Dichloroethane	5.33	62	2122	0.143 ug/L #	73
35) Methylcyclohexane	6.33	83	29395	1.382 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	12489	0.938 ug/L #	87
44) trans-1,3-Dichloropropene	7.85	75	1532	0.107 ug/L #	59
59) 1,2,3-Trichloropropane	11.48	75	12813	1.515 ug/L #	78

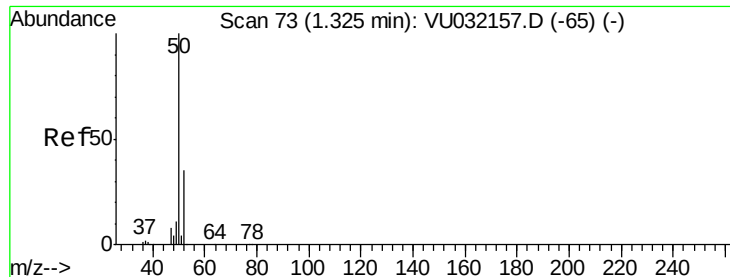
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.150 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032174.D

Acq: 20 May 2019 23:13

Instrument :

MSVOA_U

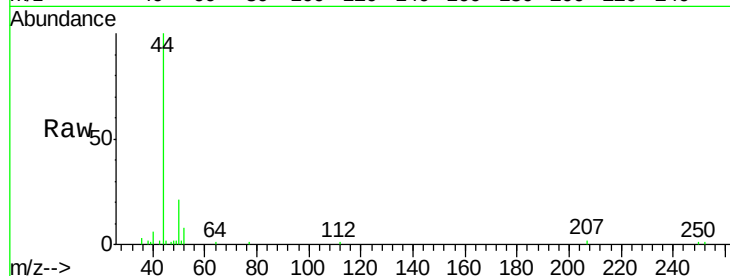
ClientSampled :

Tot Ion: 50 Resp: 2526

Ion Ratio Lower Upper

50 100

52 36.4 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

2500

2000

1500

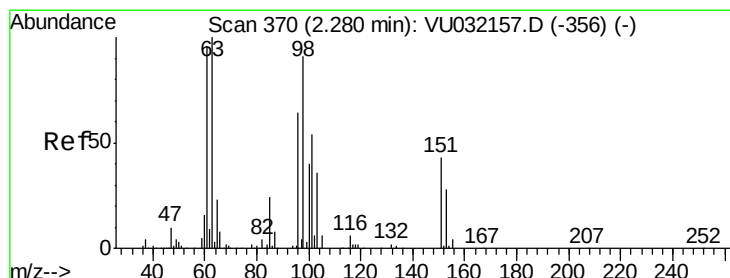
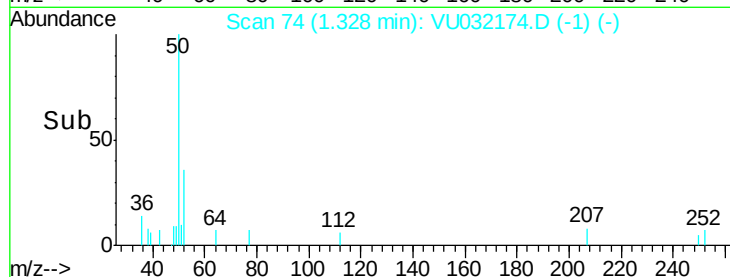
1000

500

0

1.30 1.32 1.34 1.36

Time-->



#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032174.D

Acq: 20 May 2019 23:13

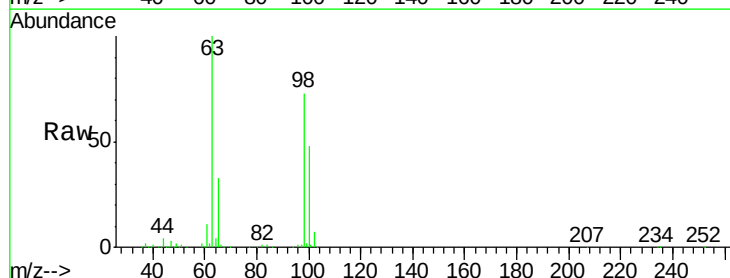
Tgt Ion: 96 Resp: 1560

Ion Ratio Lower Upper

96 100

61 866.9 111.7 207.5#

63 7781.3 152.2 282.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

120000

100000

80000

60000

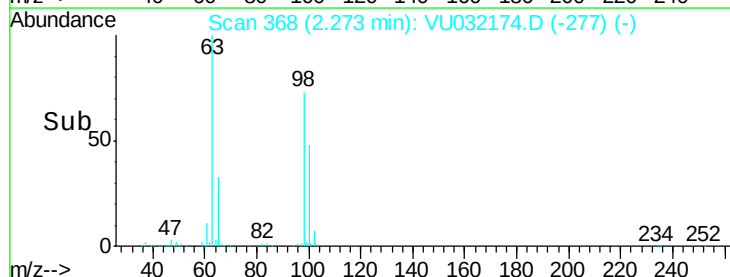
40000

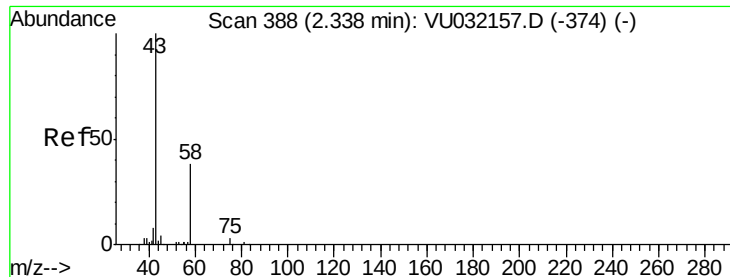
20000

0

2.25 2.30

Time-->





#13

Acetone

Concen: 3.247 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

Lab File: VU032174.D

Acq: 20 May 2019 23:13

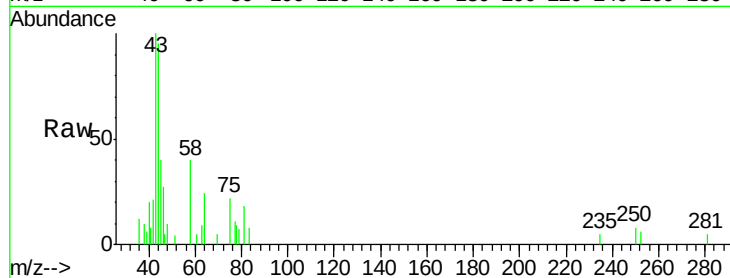
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 6193

Ion Ratio Lower Upper

43 100

58 35.7 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032157.D (-374) (-)

Ion 58.05 (57.75 to 58.75): VU032157.D (-374) (-)

2.33

2500

2000

1500

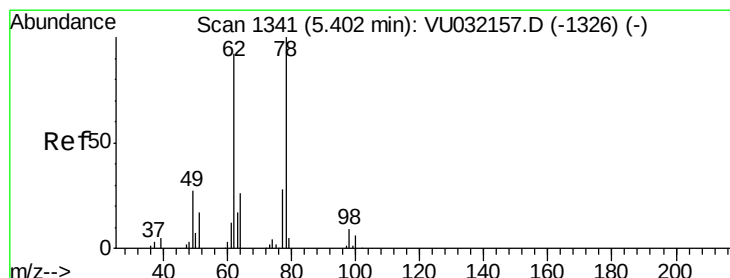
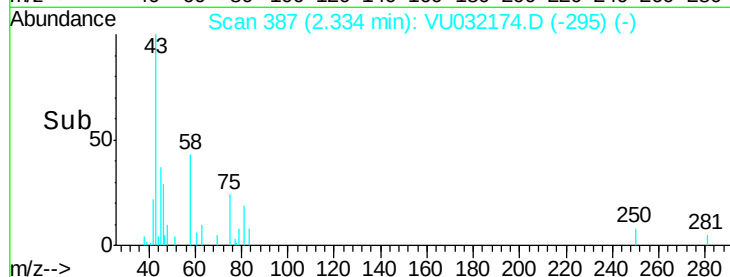
1000

500

0

Time-->

2.25 2.30 2.35 2.40



#27

1,2-Dichloroethane

Concen: 0.143 ug/L

RT: 5.33 min Scan# 1318

Delta R.T. -0.07 min

Lab File: VU032174.D

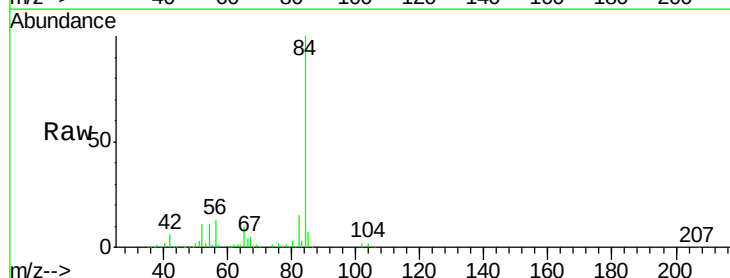
Acq: 20 May 2019 23:13

Tgt Ion: 62 Resp: 2122

Ion Ratio Lower Upper

62 100

98 0.0 8.0 12.0#



Abundance Ion 62.00 (61.70 to 62.70): VU032157.D (-1326) (-)

Ion 98.05 (97.75 to 98.75): VU032157.D (-1326) (-)

5.33

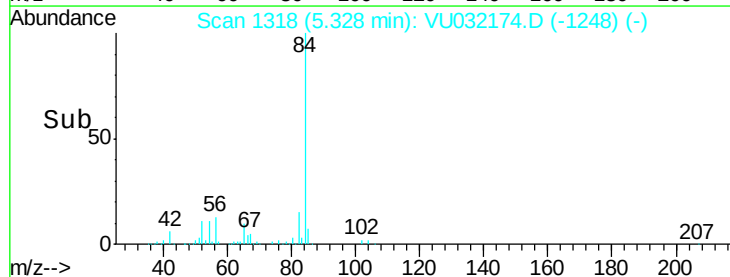
1000

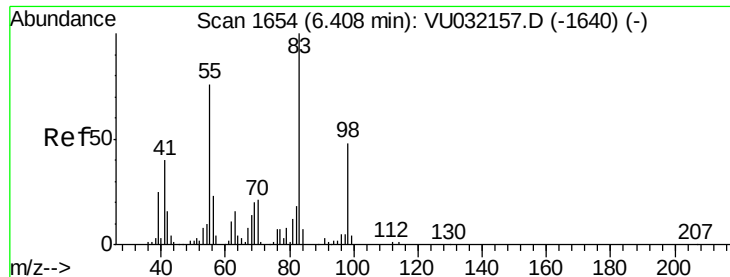
500

0

Time-->

5.30 5.35 5.40

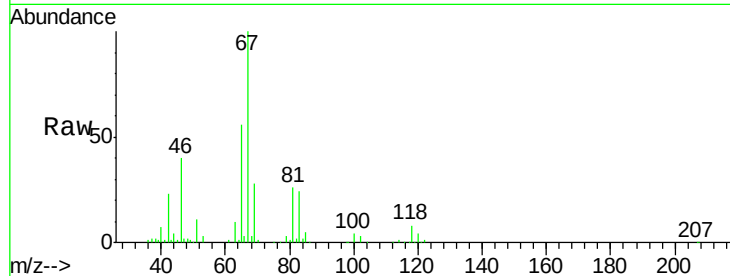




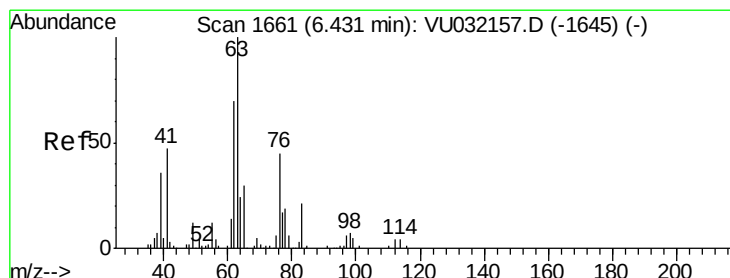
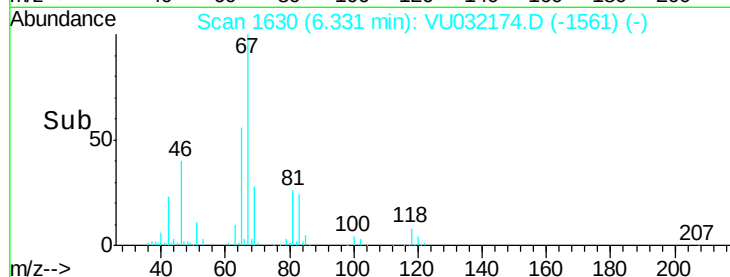
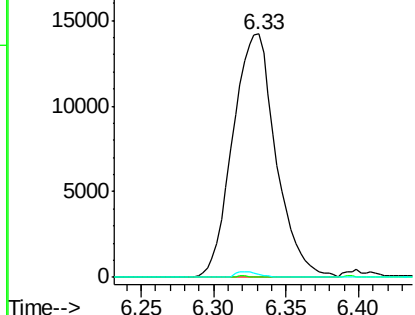
#35
Methvlcvclohexane
Concen: 1.382 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU032174.D
Acq: 20 May 2019 23:13

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 29395
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 1.2 36.8 55.2#

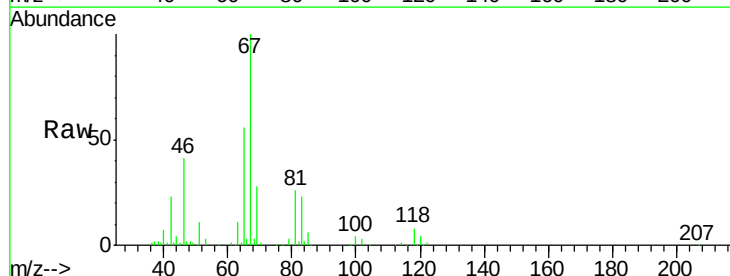


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

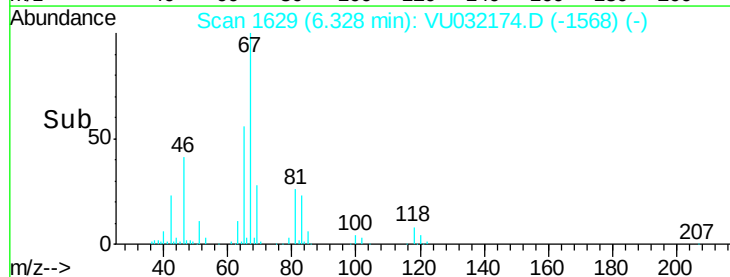
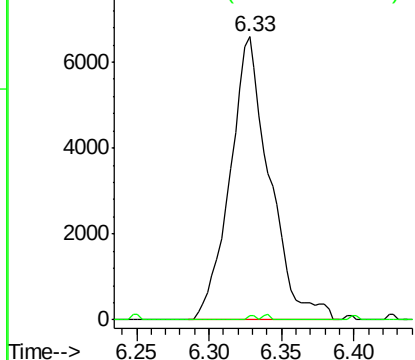


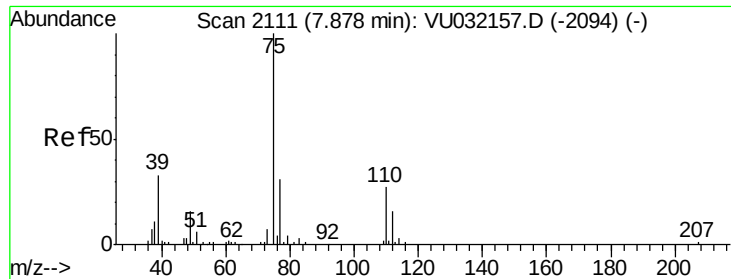
#37
1,2-Dichloropropane
Concen: 0.938 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032174.D
Acq: 20 May 2019 23:13

Tgt Ion: 63 Resp: 12489
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032174.D

Acq: 20 May 2019 23:13

Instrument :

MSVOA_U

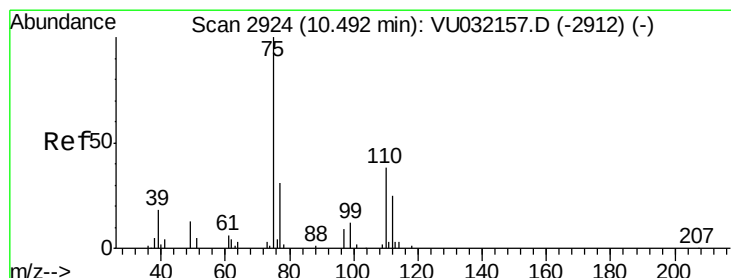
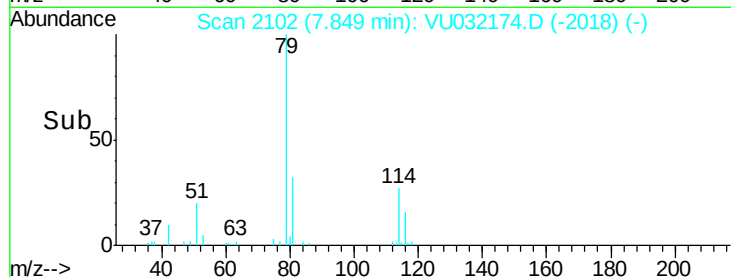
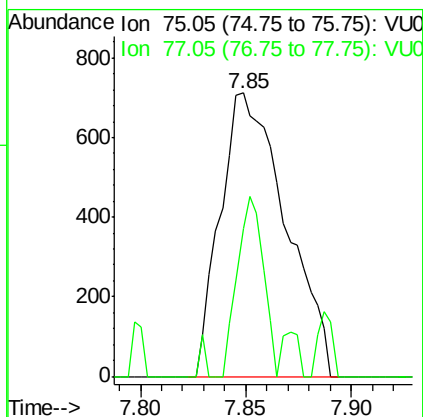
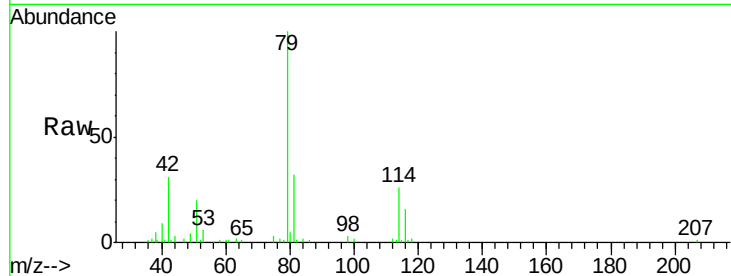
ClientSampleId :

Tot Ion: 75 Resp: 1532

Ion Ratio Lower Upper

75 100

77 52.2 21.0 39.0#



#59

1,2,3-Trichloropropane

Concen: 1.515 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032174.D

Acq: 20 May 2019 23:13

Tgt Ion: 75 Resp: 12813

Ion Ratio Lower Upper

75 100

77 45.3 26.2 39.2#

