

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
 Data File : VU032361.D
 Acq On : 29 May 2019 16:05
 Operator : JC/SP
 Sample : K3045-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C51

Quant Time: May 30 05:39:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	404237	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	384428	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	116167	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.68	69	104642	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.27	63	173044	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.19	46	317761	49.62	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.24%
24) Chloroform-d	4.64	84	226850	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	5.31	65	119412	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
32) Benzene-d6	5.33	84	486231	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.33	67	148869	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.56	98	431580	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.85	79	51241	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.31	63	237841	46.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122466	3.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	170515	3.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.60%#

Target Compounds

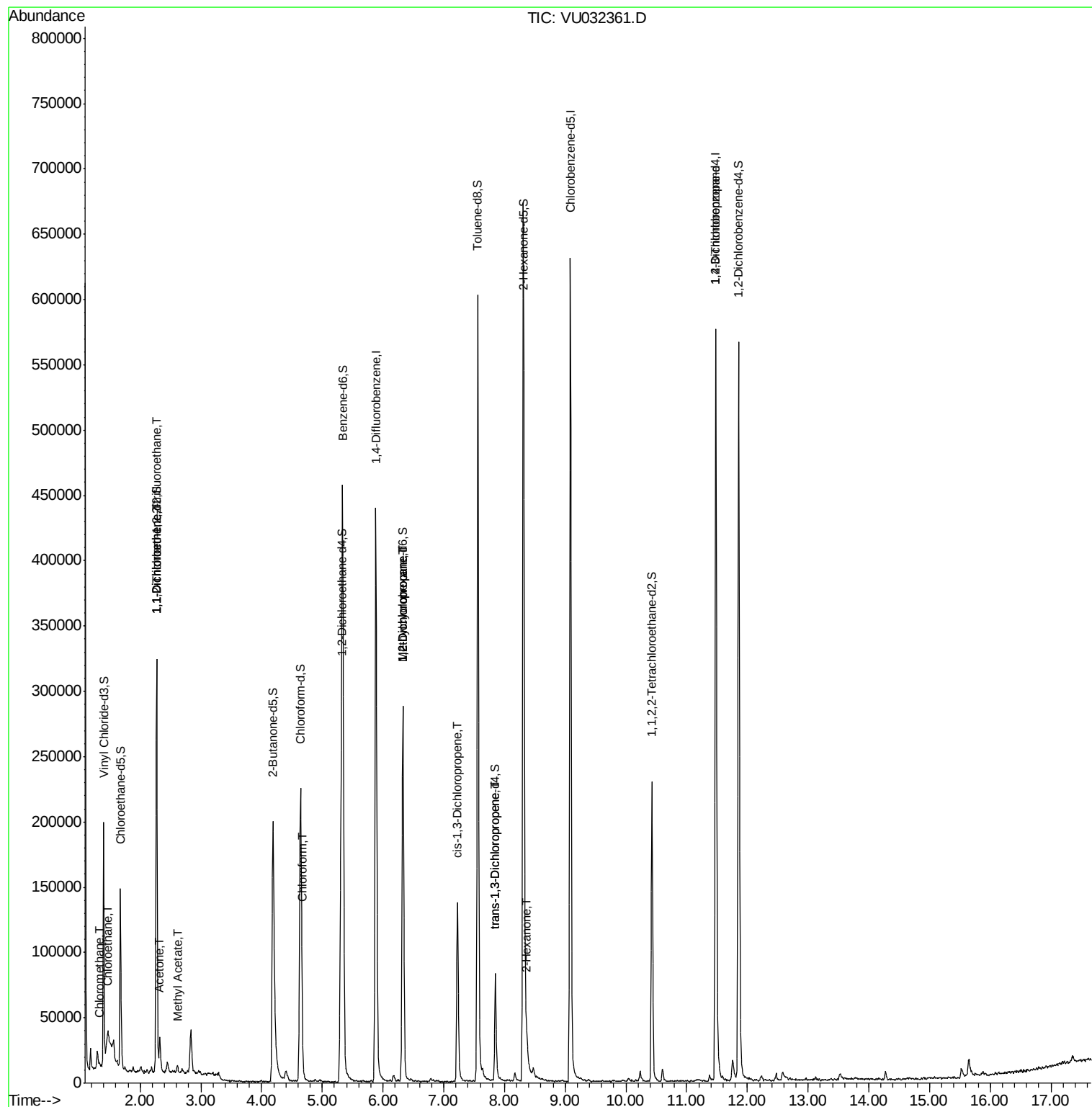
					Qvalue
3) Chloromethane	1.33	50	3302	0.191 ug/L	92
8) Chloroethane	1.47	64	63815	5.746 ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2049	0.143 ug/L #	20
12) 1,1-Dichloroethene	2.28	96	1724	0.120 ug/L #	1
13) Acetone	2.32	43	23048	11.617 ug/L	98
15) Methyl Acetate	2.61	43	5625	0.966 ug/L #	83
25) Chloroform	4.67	83	6993	0.272 ug/L	81
35) Methylcyclohexane	6.33	83	34389	1.673 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	15568	1.243 ug/L #	85
39) cis-1,3-Dichloropropene	7.23	75	3732	0.209 ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	1939	0.138 ug/L	92
48) 2-Hexanone	8.37	43	8600	1.772 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	17907	2.196 ug/L	93

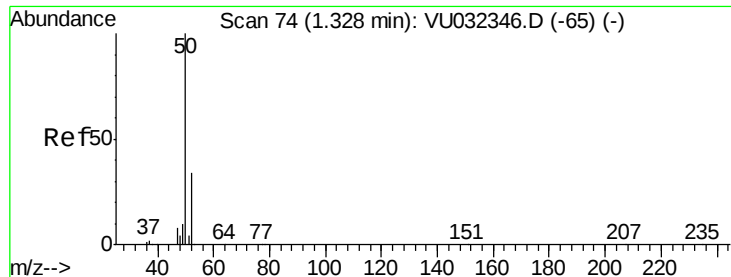
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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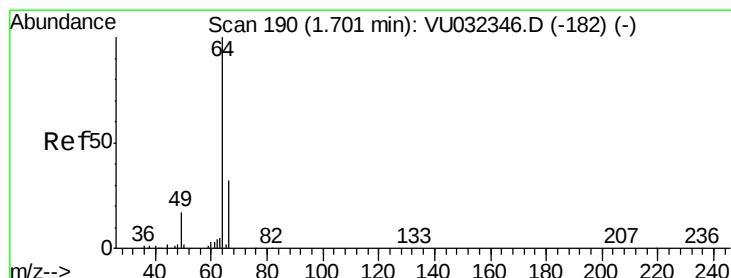
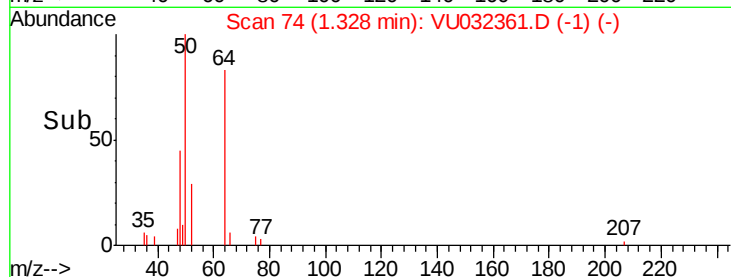
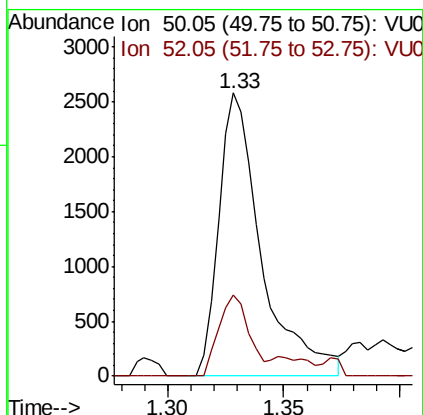
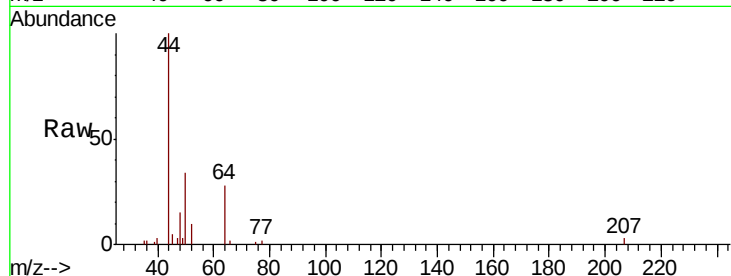




#3
Chloromethane
Concen: 0.191 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU032361.D
Acq: 29 May 2019 16:05

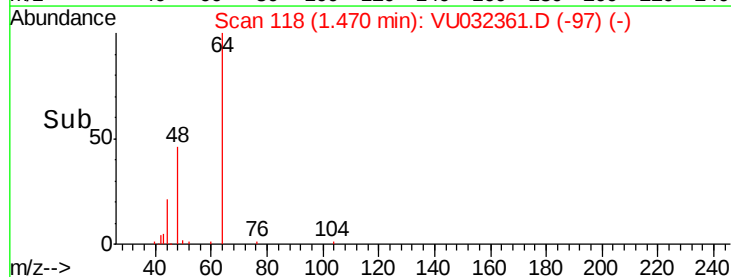
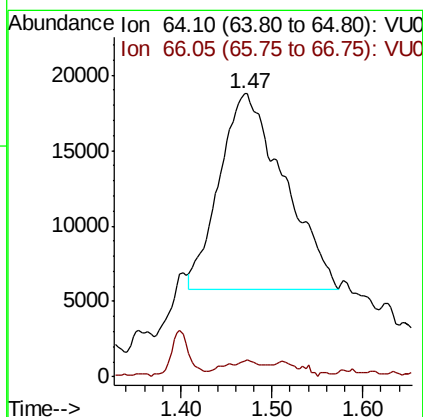
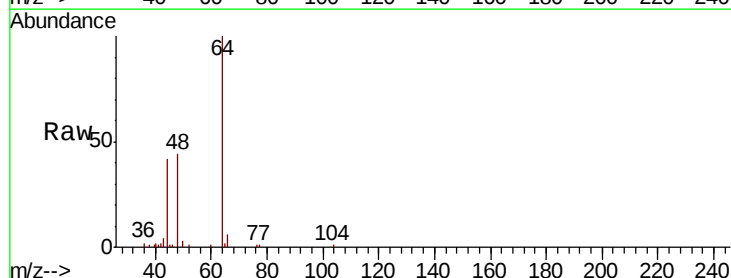
Instrument :
MSVOA_U
ClientSampleId :
C0C51

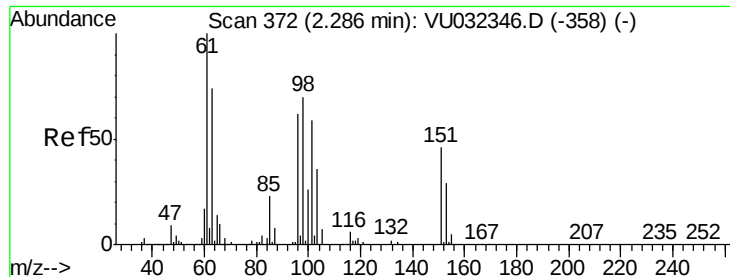
Tgt Ion: 50 Resp: 3302
Ion Ratio Lower Upper
50 100
52 28.9 23.3 43.3



#8
Chloroethane
Concen: 5.746 ug/L
RT: 1.47 min Scan# 118
Delta R.T. -0.23 min
Lab File: VU032361.D
Acq: 29 May 2019 16:05

Tgt Ion: 64 Resp: 63815
Ion Ratio Lower Upper
64 100
66 5.6 23.1 42.9#





#10

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

Concen: 0.143 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU032361.D

Acq: 29 May 2019 16:05

Instrument :

MSVOA_U

ClientSampleId :

C0C51

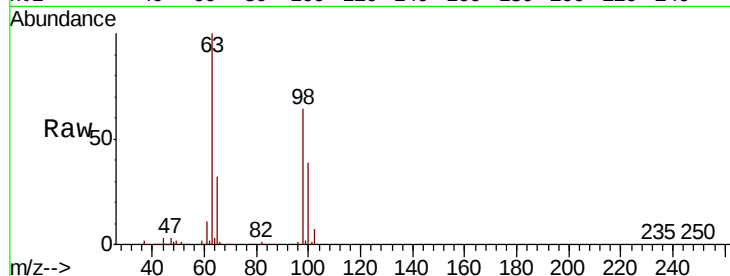
Tgt Ion: 101 Resp: 2049

Ion Ratio Lower Upper

101 100

85 1.0 34.2 51.4#

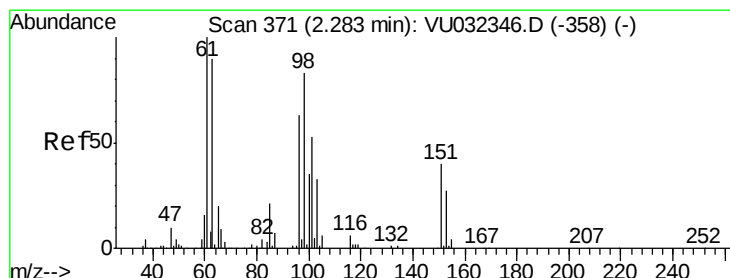
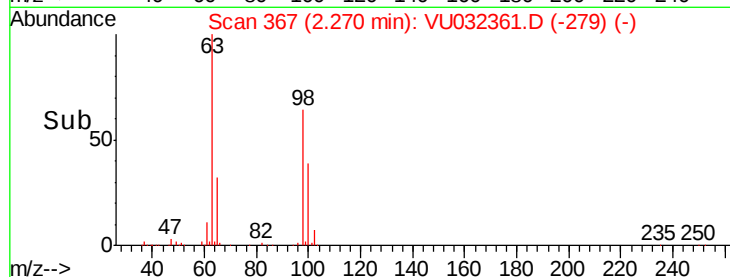
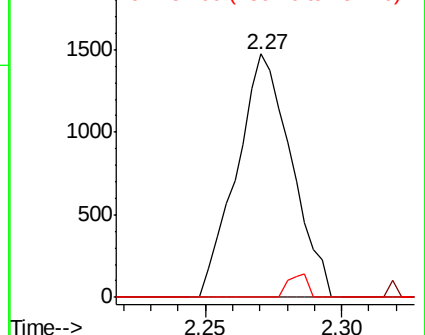
151 3.5 64.4 96.6#



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: 0.120 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU032361.D

Acq: 29 May 2019 16:05

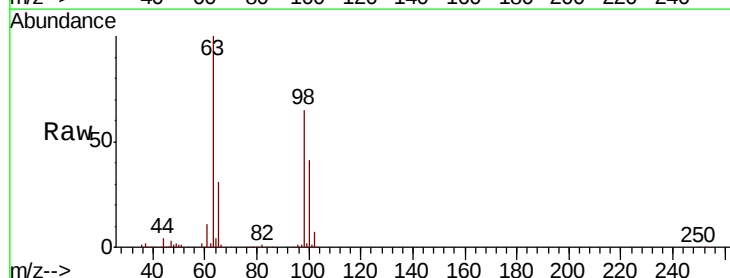
Tgt Ion: 96 Resp: 1724

Ion Ratio Lower Upper

96 100

61 875.2 113.8 211.3#

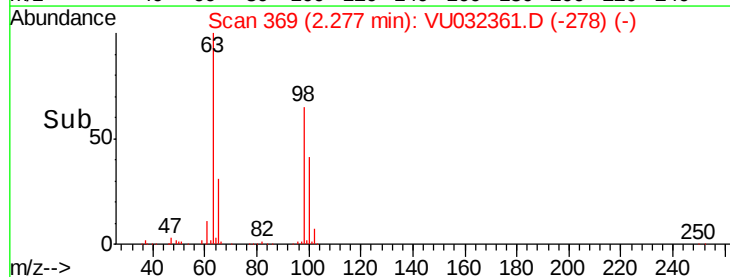
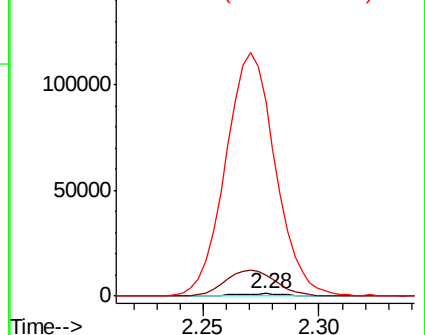
63 8076.2 108.8 202.2#

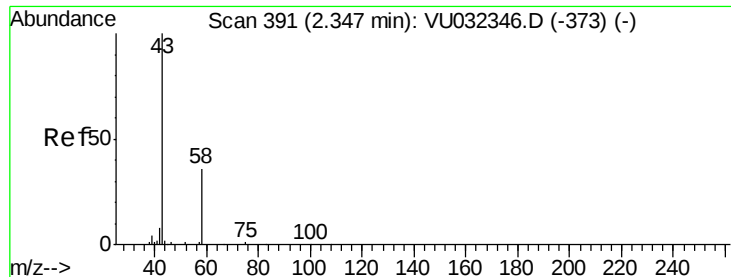


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 11.617 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.03 min

Lab File: VU032361.D

Acq: 29 May 2019 16:05

Instrument :

MSVOA_U

ClientSampleId :

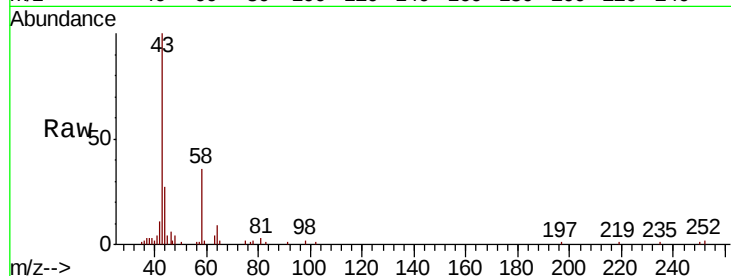
C0C51

Tgt Ion: 43 Resp: 23048

Ion Ratio Lower Upper

43 100

58 35.4 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU032346.D (-373) (-)

Ion 58.05 (57.75 to 58.75): VU032346.D (-373) (-)

2.32

15000

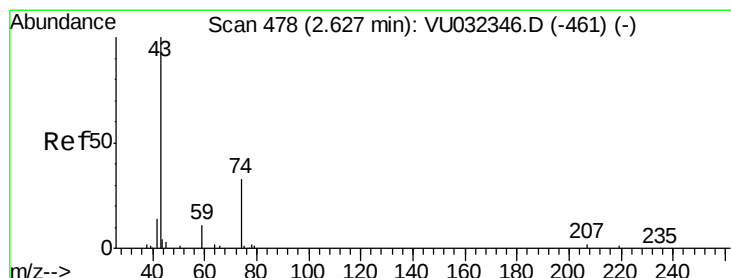
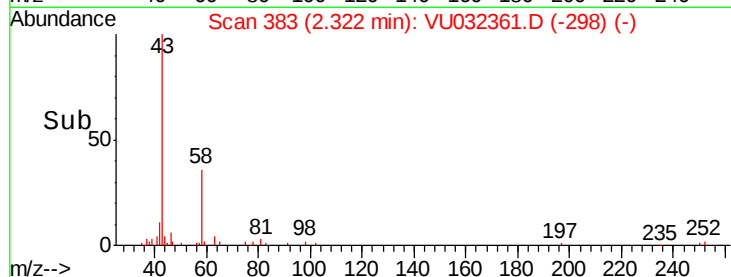
10000

5000

0

Time-->

2.25 2.30 2.35



#15

Methyl Acetate

Concen: 0.966 ug/L

RT: 2.61 min Scan# 474

Delta R.T. -0.01 min

Lab File: VU032361.D

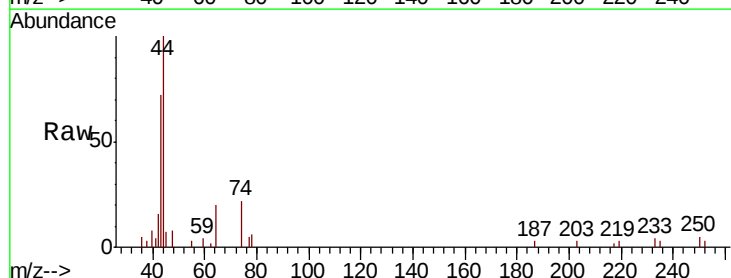
Acq: 29 May 2019 16:05

Tgt Ion: 43 Resp: 5625

Ion Ratio Lower Upper

43 100

74 24.4 27.3 40.9#



Abundance Ion 43.05 (42.75 to 43.75): VU032346.D (-461) (-)

Ion 74.05 (73.75 to 74.75): VU032346.D (-461) (-)

2.61

3000

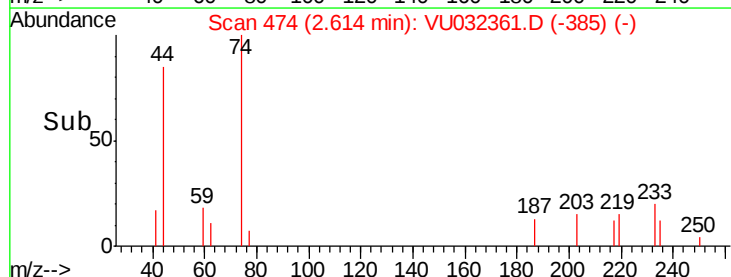
2000

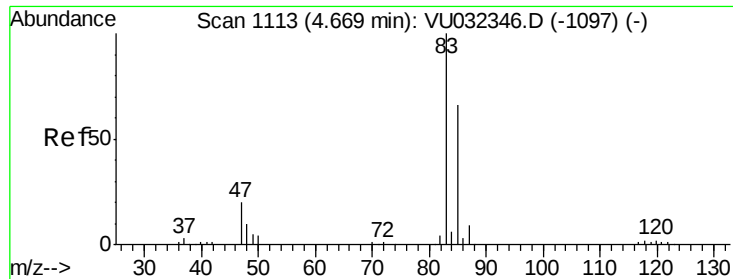
1000

0

Time-->

2.55 2.60 2.65

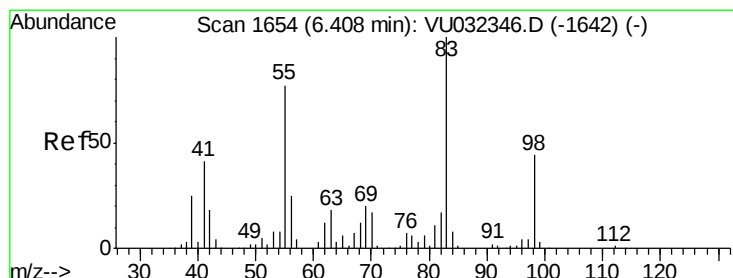
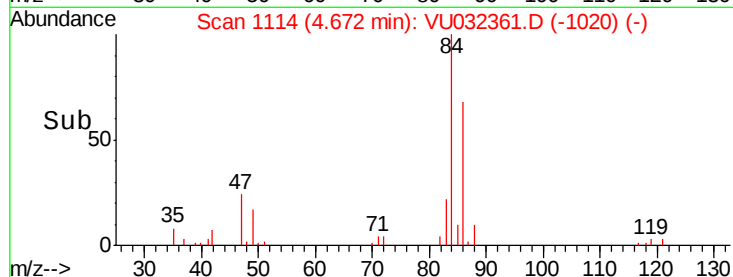
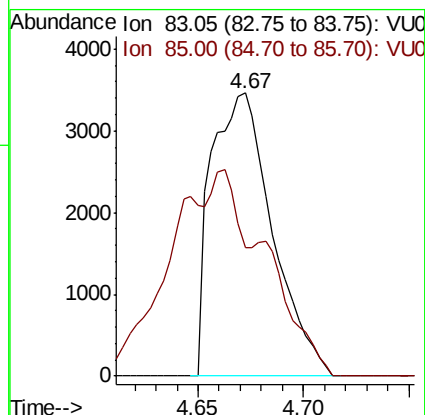
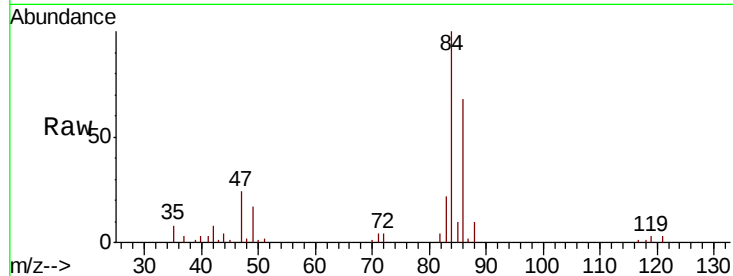




#25
Chloroform
Concen: 0.272 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU032361.D
Acq: 29 May 2019 16:05

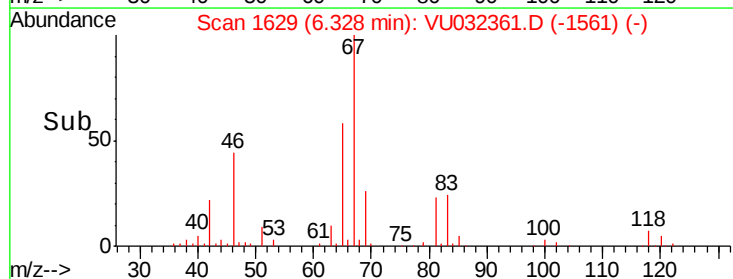
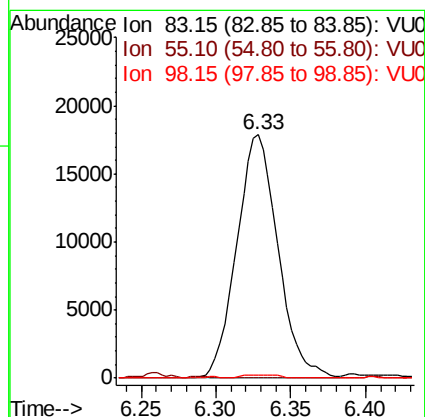
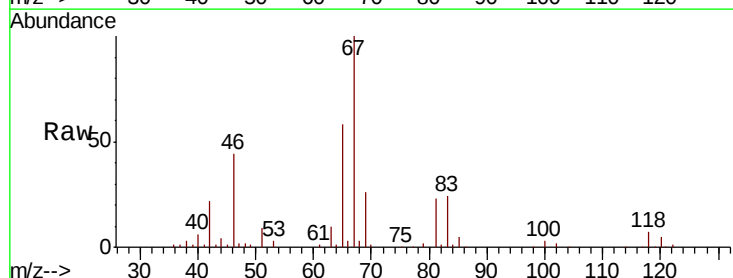
Instrument :
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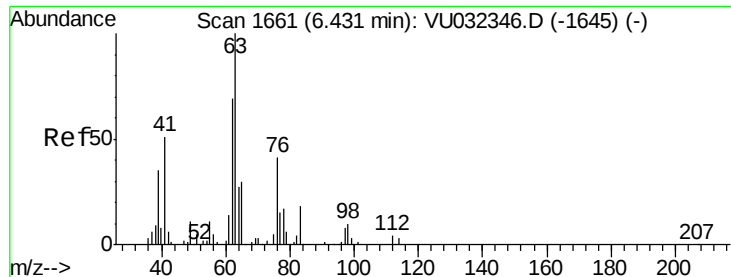
Tgt Ion: 83 Resp: 6993
Ion Ratio Lower Upper
83 100
85 45.2 41.6 77.3



#35
Methylcyclohexane
Concen: 1.673 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032361.D
Acq: 29 May 2019 16:05

Tgt Ion: 83 Resp: 34389
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 1.0 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 1.243 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU032361.D

Acq: 29 May 2019 16:05

Instrument :

MSVOA_U

ClientSampleId :

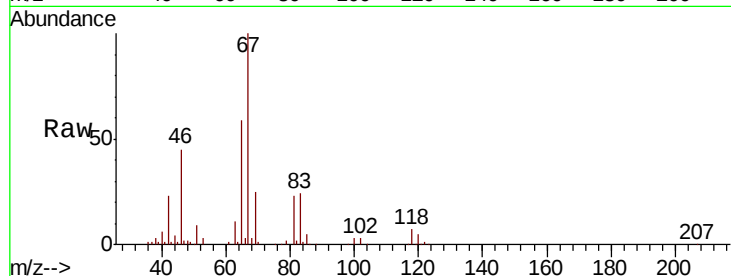
C0C51

Tgt Ion: 63 Resp: 15568

Ion Ratio Lower Upper

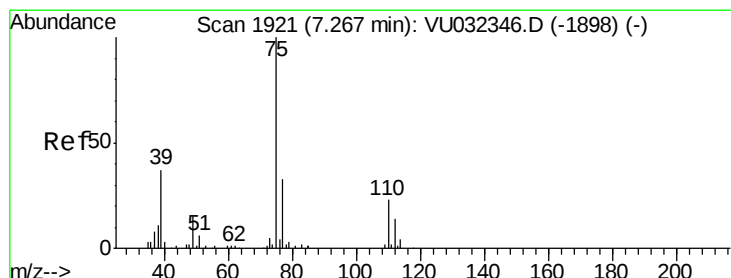
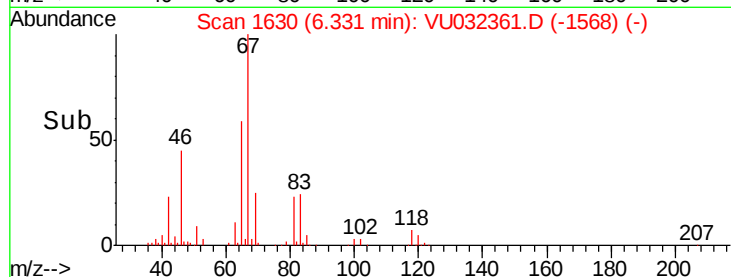
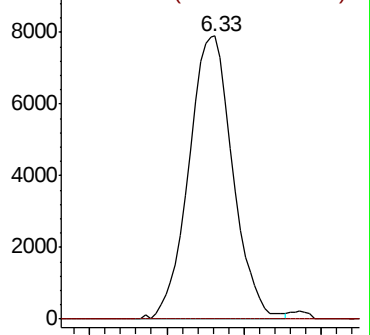
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU032346.D (-1645) (-)

Ion 112.10 (111.80 to 112.80): VU032346.D (-1645) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.209 ug/L

RT: 7.23 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU032361.D

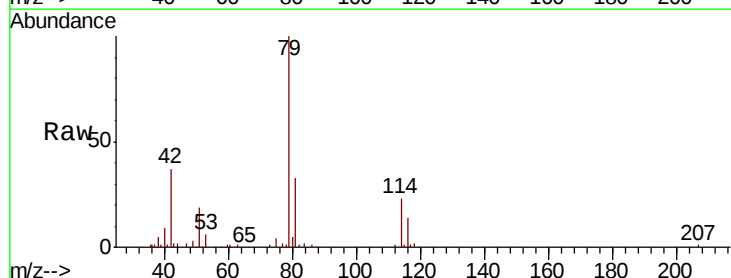
Acq: 29 May 2019 16:05

Tgt Ion: 75 Resp: 3732

Ion Ratio Lower Upper

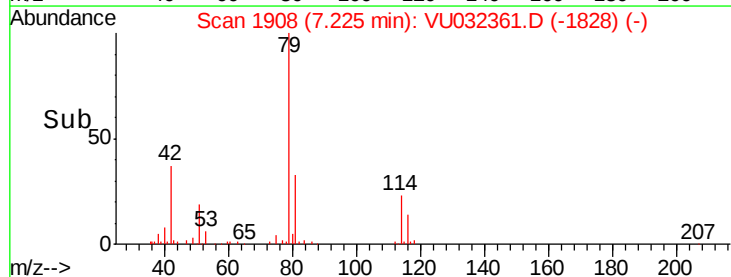
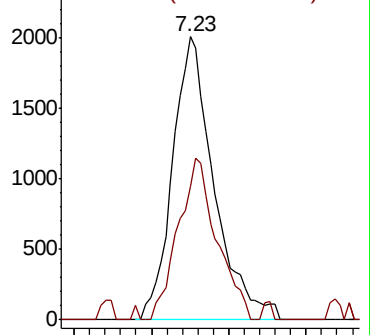
75 100

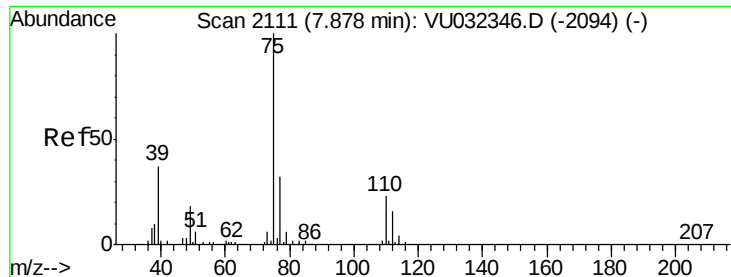
77 47.1 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VU032346.D (-1898) (-)

Ion 77.05 (76.75 to 77.75): VU032346.D (-1898) (-)

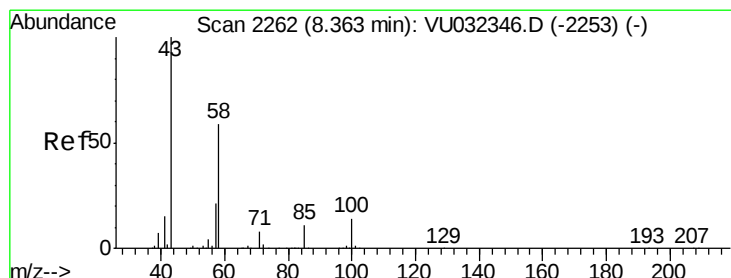
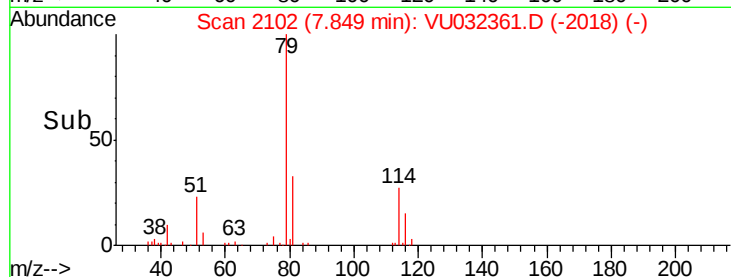
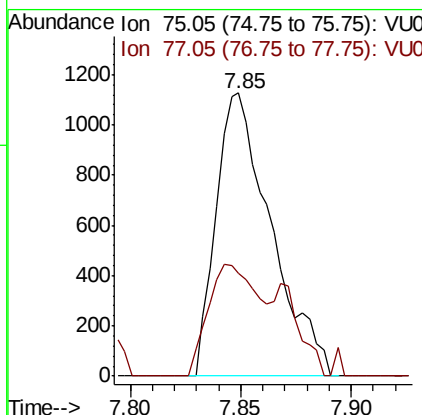
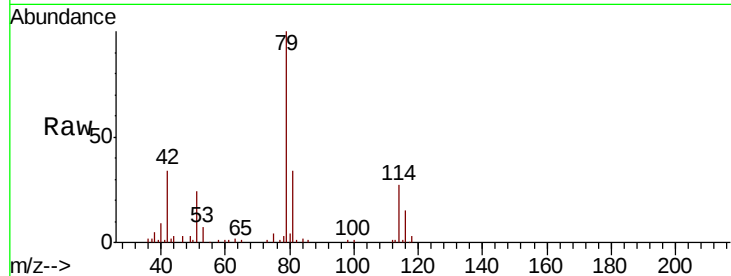




#44
trans-1,3-Dichloropropene
Concen: 0.138 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032361.D
Acq: 29 May 2019 16:05

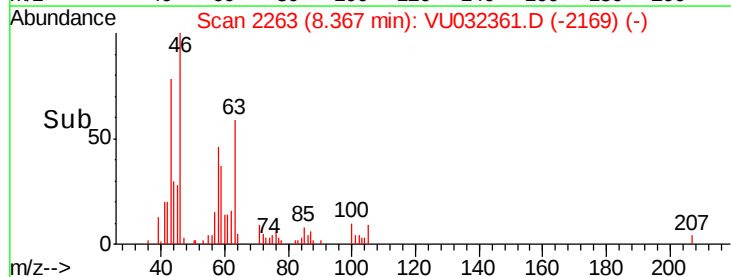
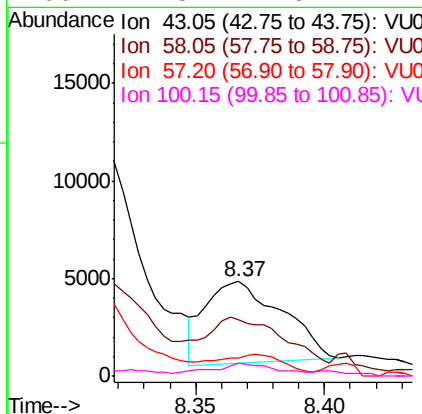
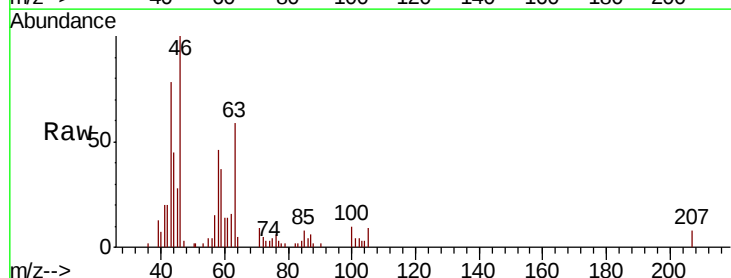
Instrument :
MSVOA_U
ClientSampleId :
C0C51

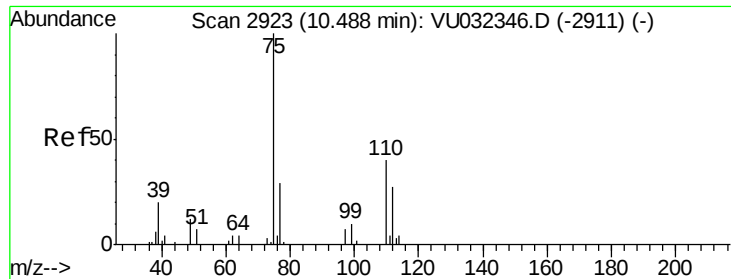
Tgt Ion: 75 Resp: 1939
Ion Ratio Lower Upper
75 100
77 36.5 22.5 41.9



#48
2-Hexanone
Concen: 1.772 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032361.D
Acq: 29 May 2019 16:05

Tgt Ion: 43 Resp: 8600
Ion Ratio Lower Upper
43 100
58 71.1 49.7 74.5
57 23.9 17.1 25.7
100 7.8 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 2.196 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032361.D

Acq: 29 May 2019 16:05

Instrument :

MSVOA_U

ClientSampleId :

C0C51

Tgt Ion: 75 Resp: 17907

Ion Ratio Lower Upper

75 100

77 39.2 28.2 42.4

