

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
 Data File : VU032352.D
 Acq On : 29 May 2019 11:37
 Operator : JC/SP
 Sample : K3045-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C50

Quant Time: May 30 05:37:50 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	344565	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	347628	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	141568	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	124228	6.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	128.40%
7) Chloroethane-d5	1.68	69	105605	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.27	63	179504	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	4.19	46	277750	50.89	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.78%
24) Chloroform-d	4.64	84	230537	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.31	65	115365	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.33	84	482360	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.33	67	144259	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.56	98	409599	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.85	79	49031	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.31	63	196827	42.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111707	3.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	150871	3.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.40%#

Target Compounds

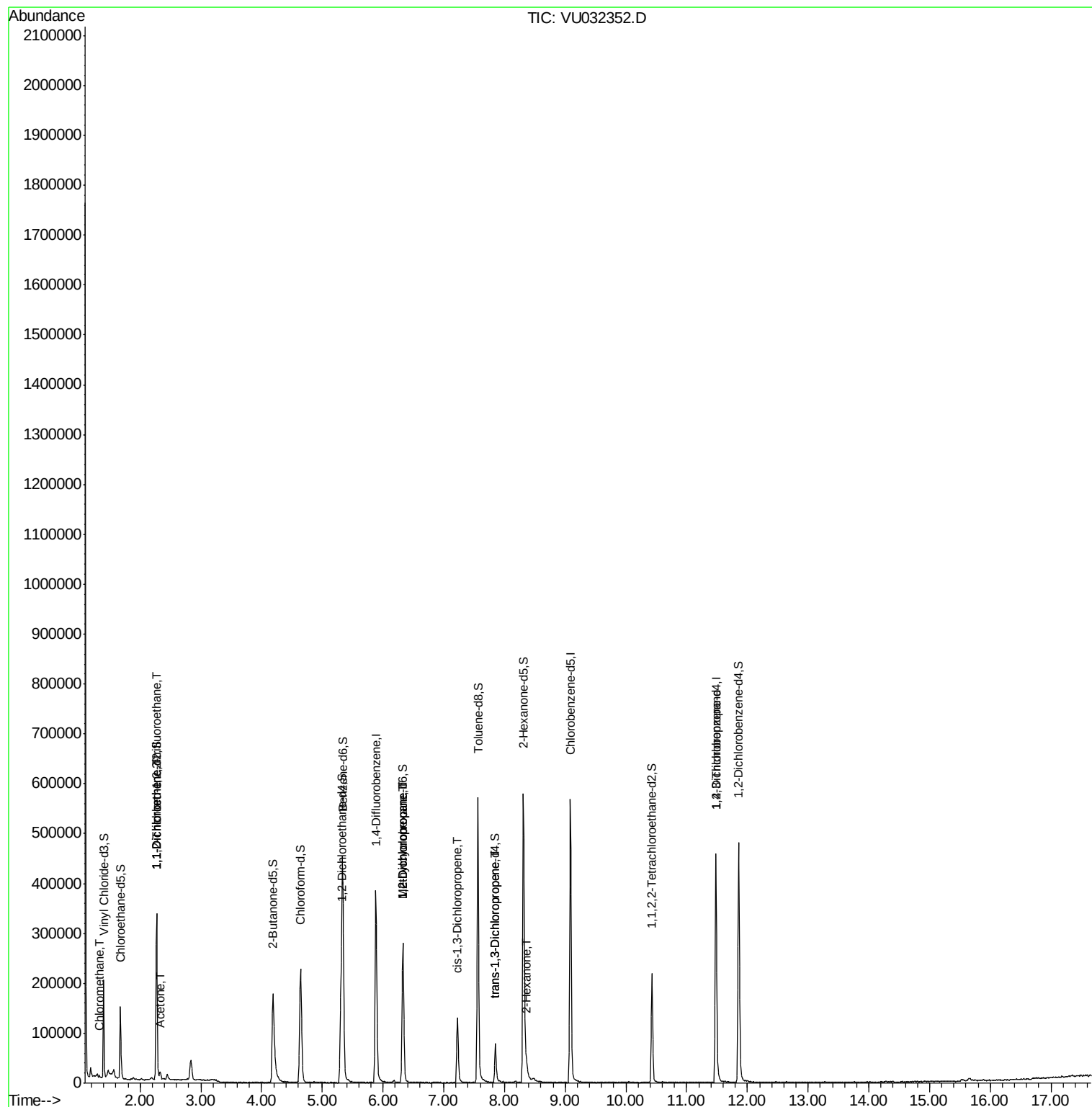
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	4282	0.290	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1889	0.155	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2079	0.170	ug/L #	1
13) Acetone	2.32	43	10596	6.266	ug/L	100
35) Methylcyclohexane	6.33	83	34353	1.848	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14746	1.302	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	3274	0.203	ug/L #	81
44) trans-1,3-Dichloropropene	7.86	75	2266	0.179	ug/L	92
48) 2-Hexanone	8.37	43	10150	2.312	ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	13714	1.860	ug/L	95

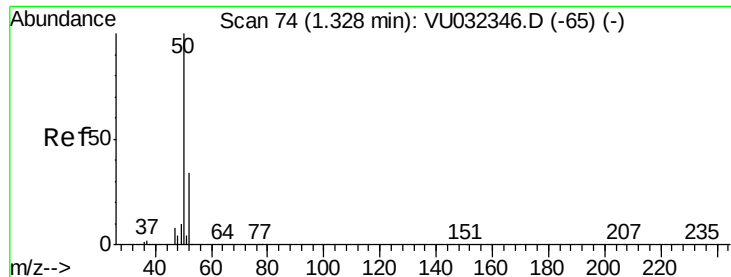
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.290 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032352.D

Acq: 29 May 2019 11:37

Instrument :

MSVOA_U

ClientSampleId :

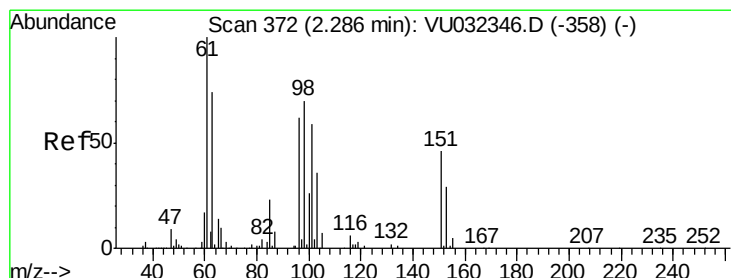
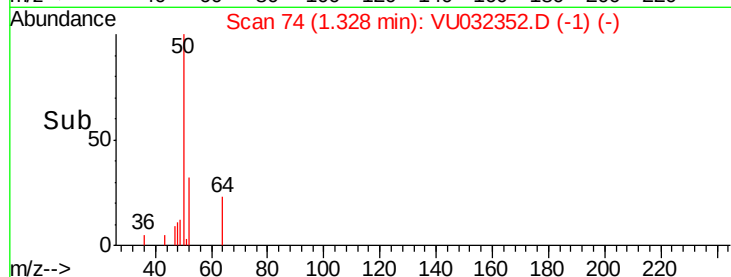
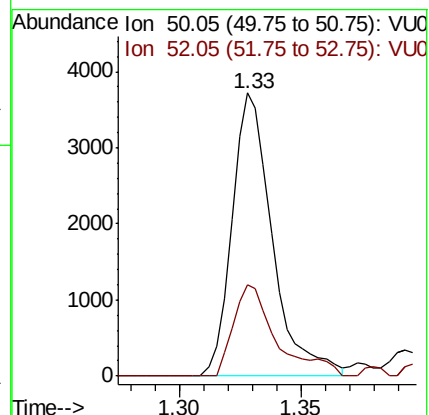
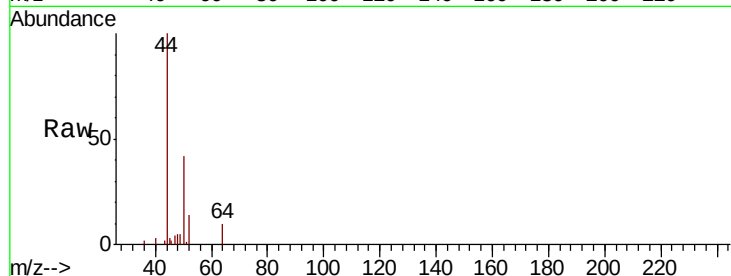
C0C50

Tgt Ion: 50 Resp: 4282

Ion Ratio Lower Upper

50 100

52 32.4 23.3 43.3



#10

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

Concen: 0.155 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU032352.D

Acq: 29 May 2019 11:37

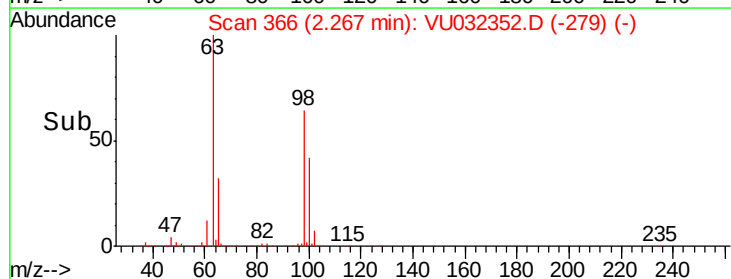
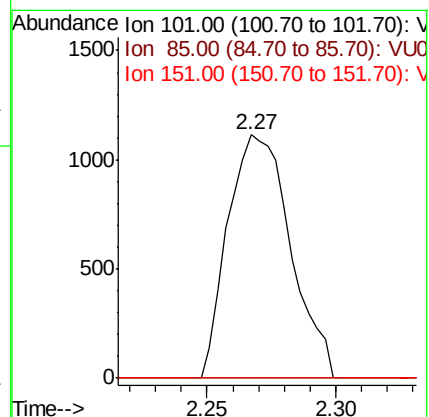
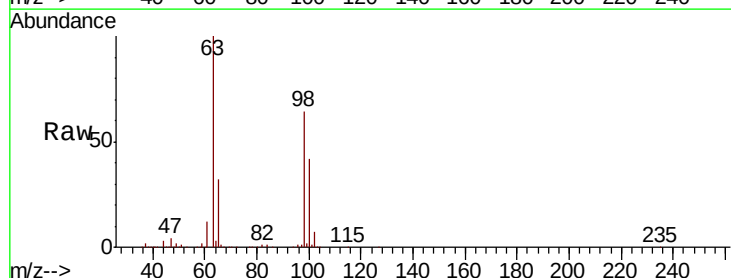
Tgt Ion: 101 Resp: 1889

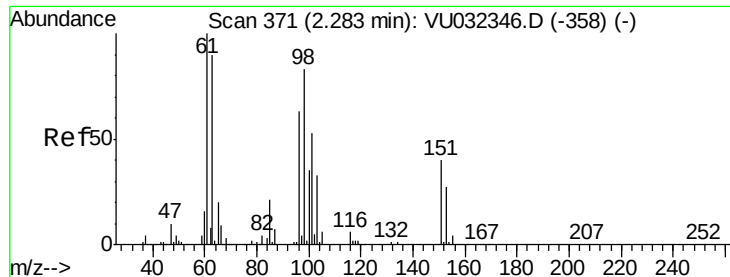
Ion Ratio Lower Upper

101 100

85 2.7 34.2 51.4#

151 0.0 64.4 96.6#

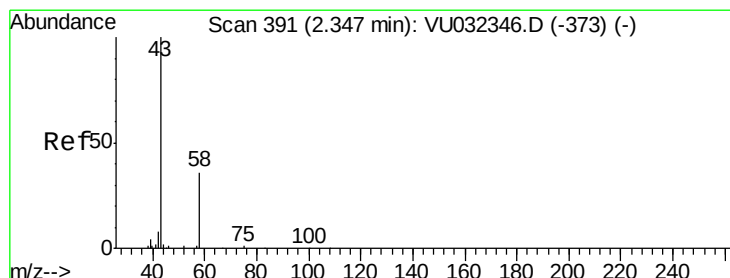
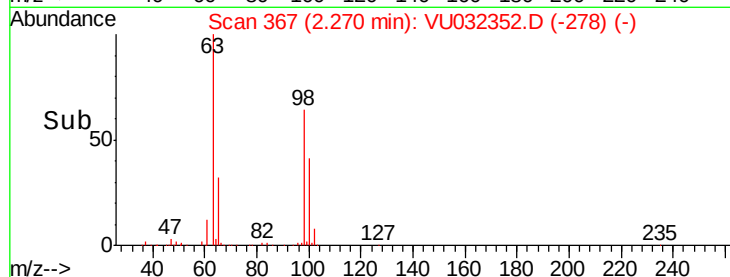
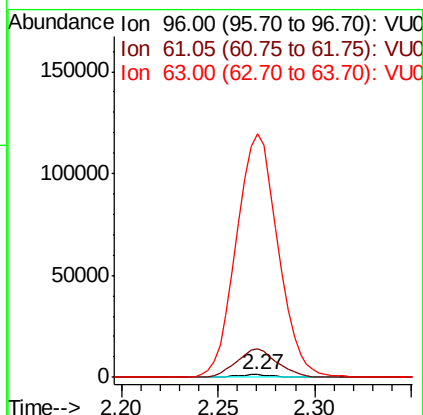
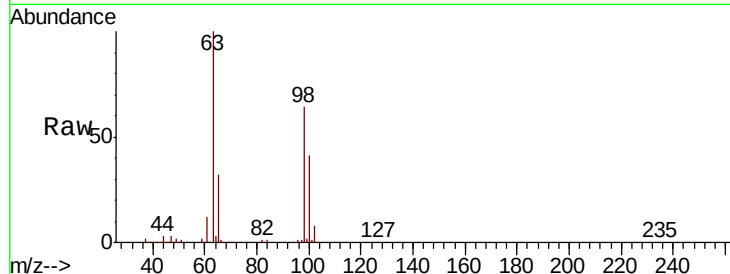




#12
 1,1-Dichloroethene
 Concen: 0.170 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU032352.D
 Acq: 29 May 2019 11:37

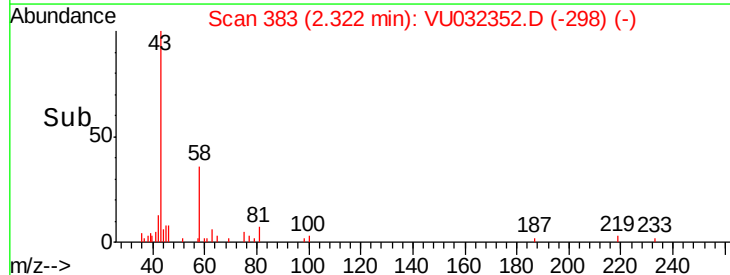
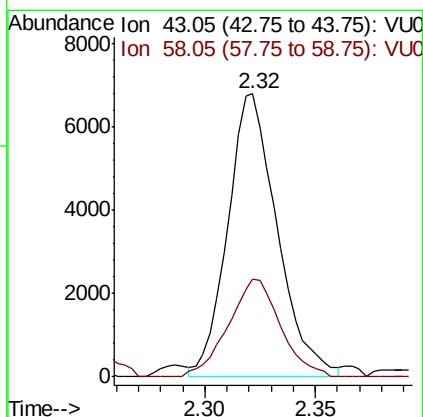
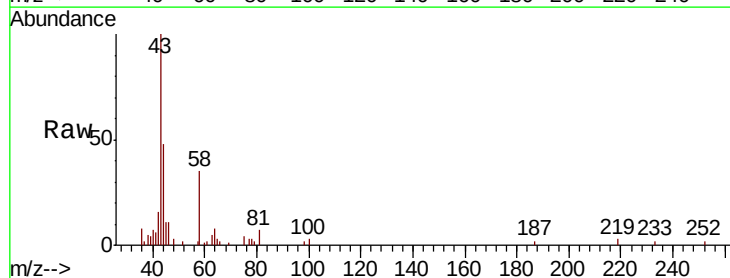
Instrument :
 MSVOA_U
 ClientSampleId :
 C0C50

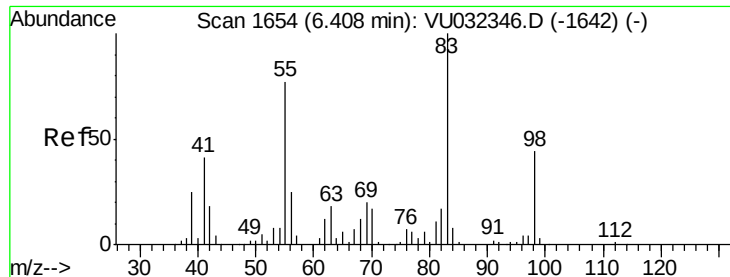
Tgt Ion: 96 Resp: 2079
 Ion Ratio Lower Upper
 96 100
 61 1160.1 113.8 211.3#
 63 9890.7 108.8 202.2#



#13
 Acetone
 Concen: 6.266 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. -0.03 min
 Lab File: VU032352.D
 Acq: 29 May 2019 11:37

Tgt Ion: 43 Resp: 10596
 Ion Ratio Lower Upper
 43 100
 58 36.3 0.0 72.6

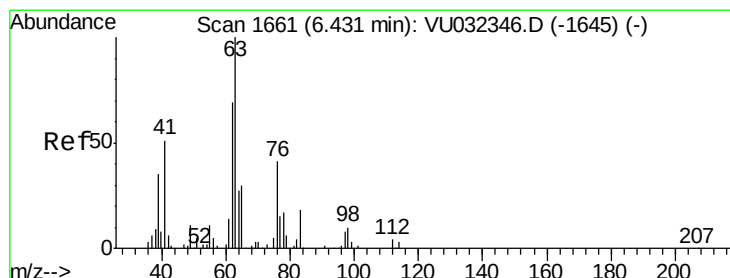
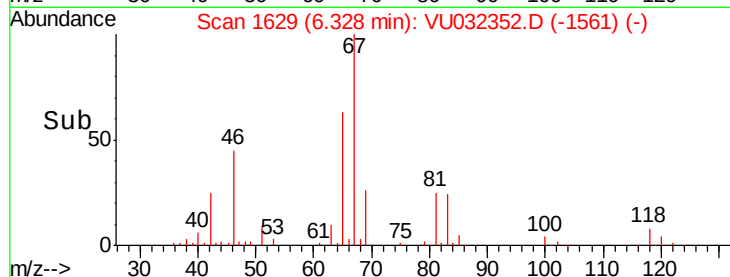
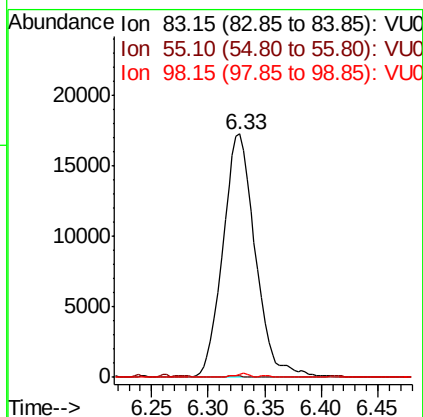
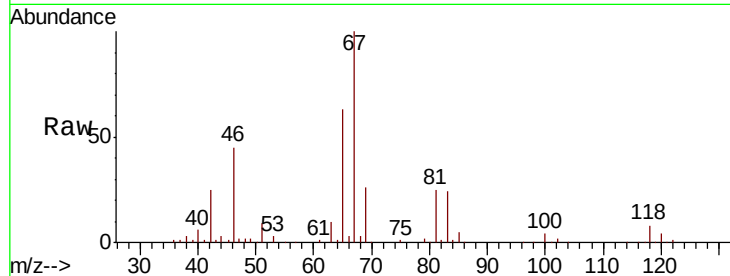




#35
Methylcyclohexane
Concen: 1.848 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032352.D
Acq: 29 May 2019 11:37

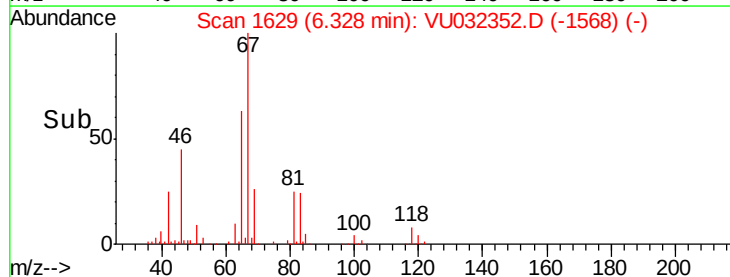
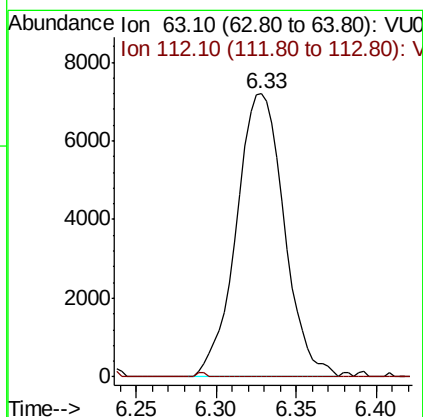
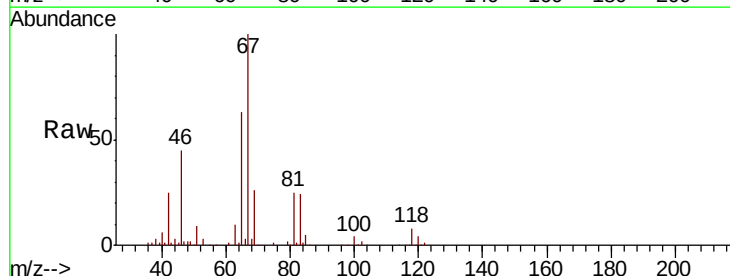
Instrument :
MSVOA_U
ClientSampleId :
C0C50

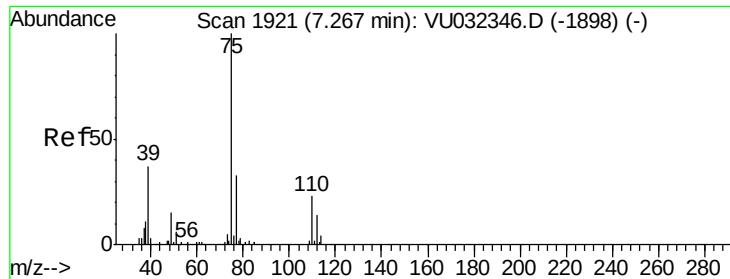
Tgt Ion: 83 Resp: 34353
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 0.7 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.302 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032352.D
Acq: 29 May 2019 11:37

Tgt Ion: 63 Resp: 14746
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.203 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.04 min

Lab File: VU032352.D

Acq: 29 May 2019 11:37

Instrument :

MSVOA_U

ClientSampleId :

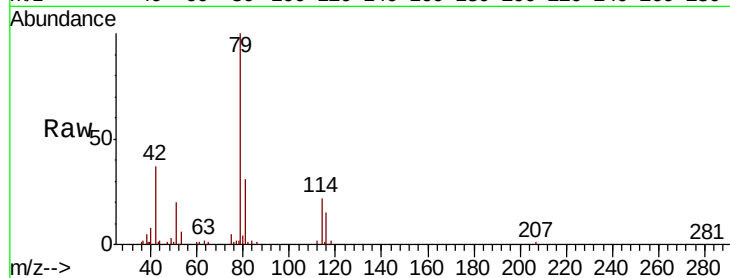
C0C50

Tgt Ion: 75 Resp: 3274

Ion Ratio Lower Upper

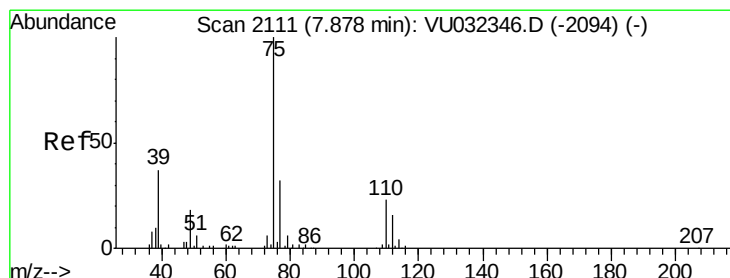
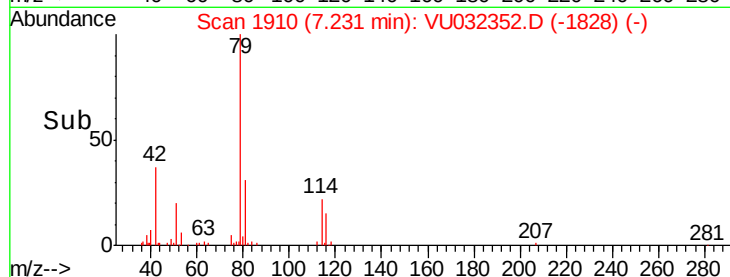
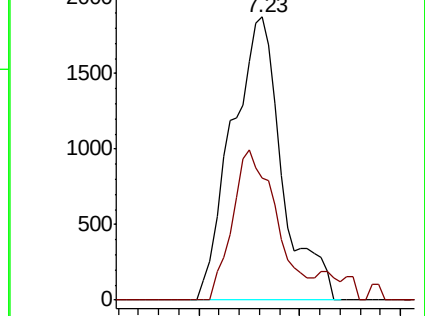
75 100

77 43.1 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.179 ug/L

RT: 7.86 min Scan# 2104

Delta R.T. -0.02 min

Lab File: VU032352.D

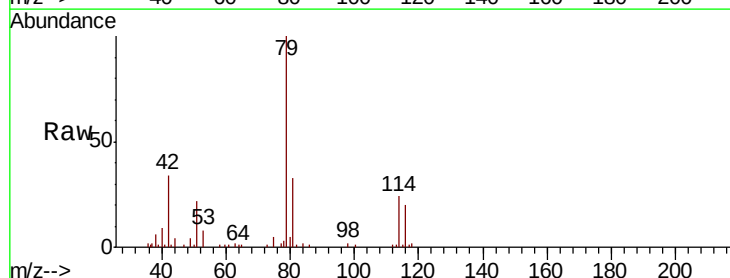
Acq: 29 May 2019 11:37

Tgt Ion: 75 Resp: 2266

Ion Ratio Lower Upper

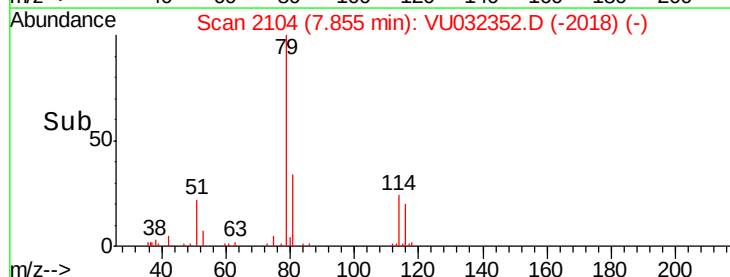
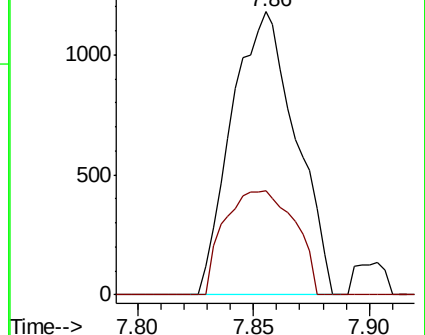
75 100

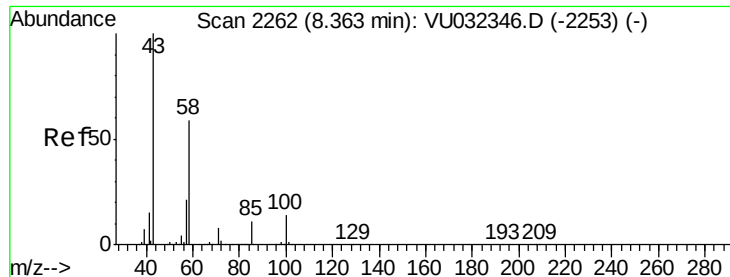
77 36.8 22.5 41.9



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

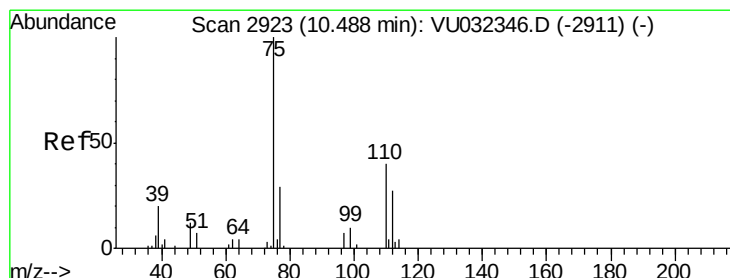
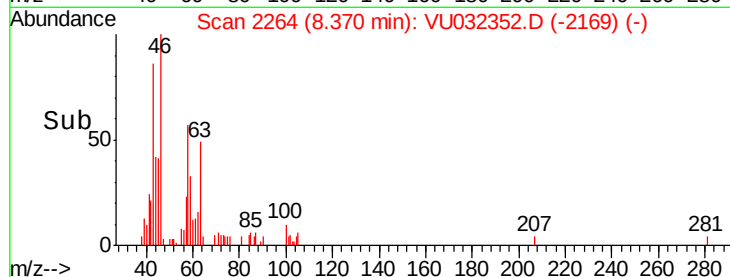
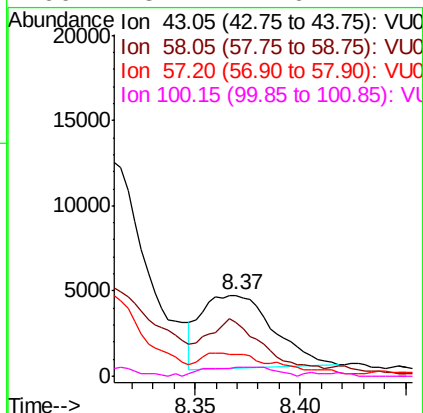
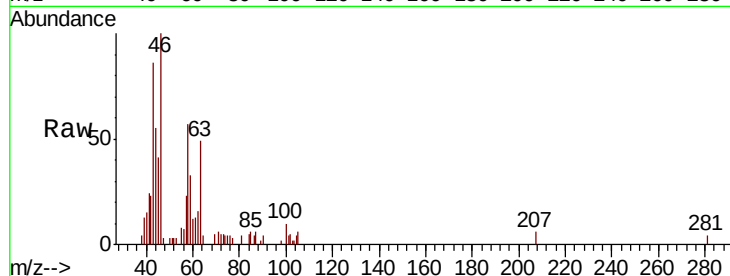




#48
2-Hexanone
Concen: 2.312 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032352.D
Acq: 29 May 2019 11:37

Instrument :
MSVOA_U
ClientSampleId :
C0C50

Tgt Ion: 43 Resp: 10150
Ion Ratio Lower Upper
43 100
58 64.3 49.7 74.5
57 0.0 17.1 25.7#
100 8.1 11.6 17.4#



#59
1,2,3-Trichloropropane
Concen: 1.860 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032352.D
Acq: 29 May 2019 11:37

Tgt Ion: 75 Resp: 13714
Ion Ratio Lower Upper
75 100
77 38.0 28.2 42.4

