

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
 Data File : VU032349.D
 Acq On : 29 May 2019 10:22
 Operator : JC/SP
 Sample : K3045-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C49

Quant Time: May 30 05:37:26 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	350635	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	356980	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152143	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	127786	6.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.80%
7) Chloroethane-d5	1.68	69	109051	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.80%
11) 1,1-Dichloroethene-d2	2.27	63	184134	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.40%
20) 2-Butanone-d5	4.19	46	288036	51.86	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.72%
24) Chloroform-d	4.64	84	234531	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.31	65	119280	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.33	84	485100	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.32	67	144455	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.56	98	412090	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.85	79	50528	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.31	63	205286	43.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	115625	3.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	158792	3.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.80%#

Target Compounds

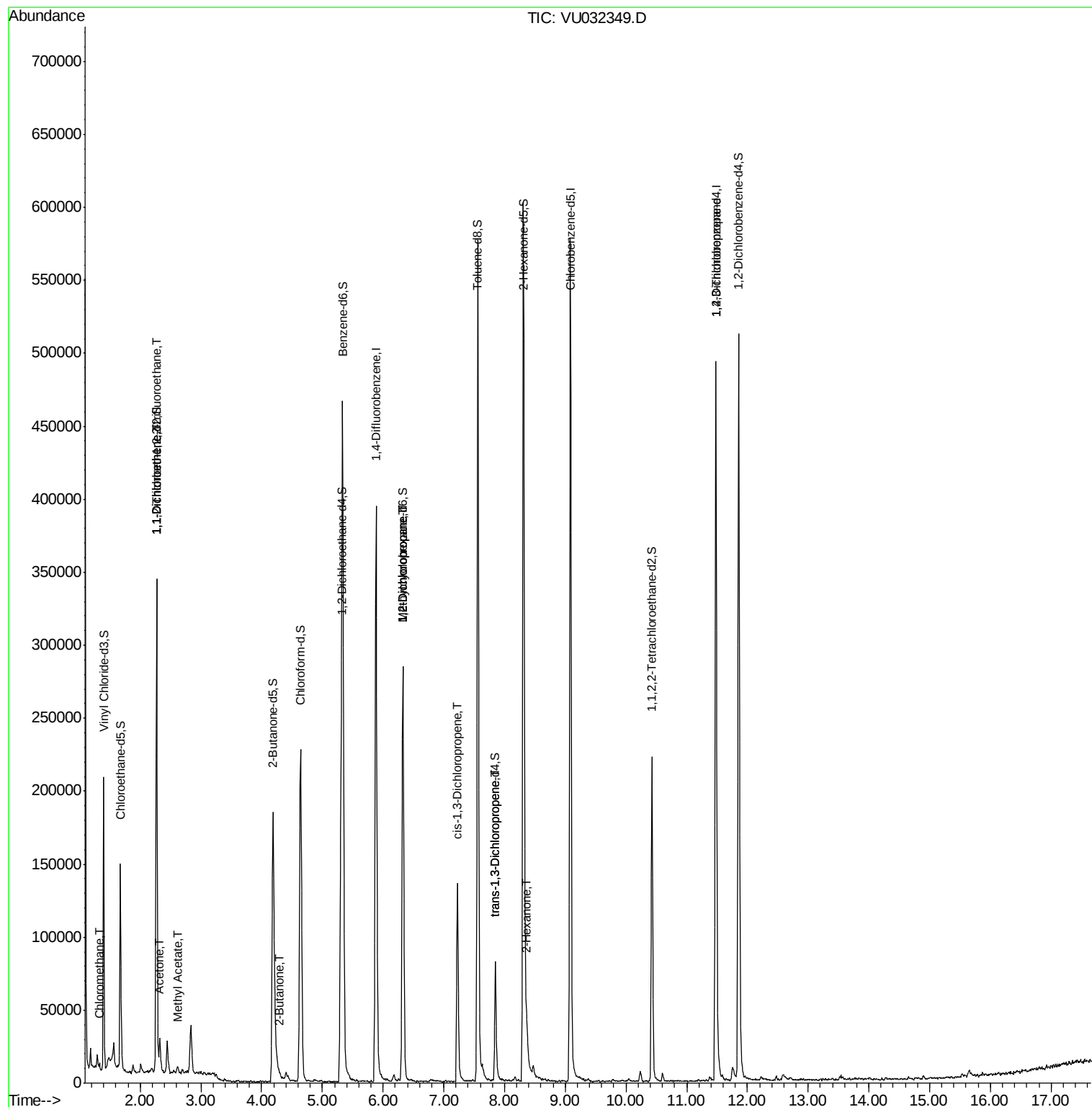
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	2934	0.195	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2248	0.181	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1736	0.139	ug/L #	1
13) Acetone	2.32	43	19228	11.173	ug/L	94
15) Methyl Acetate	2.61	43	4628	0.916	ug/L	97
21) 2-Butanone	4.30	43	3141	1.210	ug/L	96
35) Methylcyclohexane	6.33	83	36723	1.924	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	14868	1.279	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2817	0.170	ug/L #	70
44) trans-1,3-Dichloropropene	7.86	75	1806	0.139	ug/L	92
48) 2-Hexanone	8.36	43	15024	3.333	ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	16519	2.182	ug/L	97

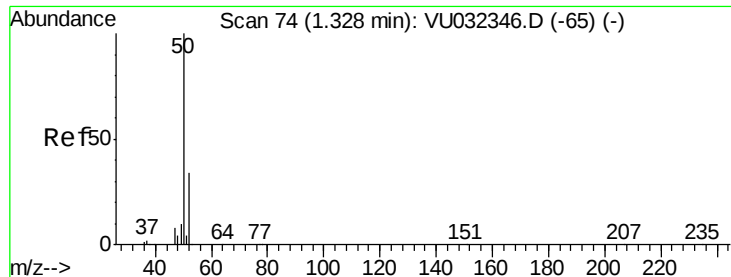
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.195 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU032349.D

Acq: 29 May 2019 10:22

Instrument :

MSVOA_U

ClientSampled :

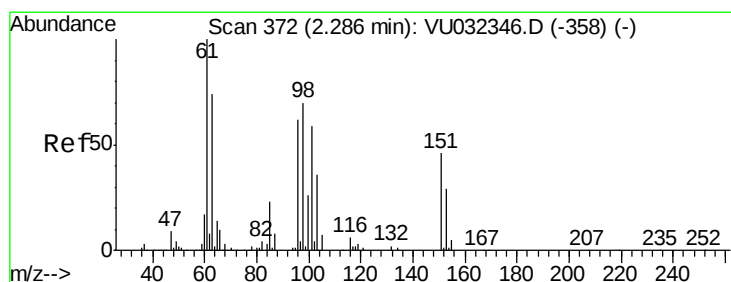
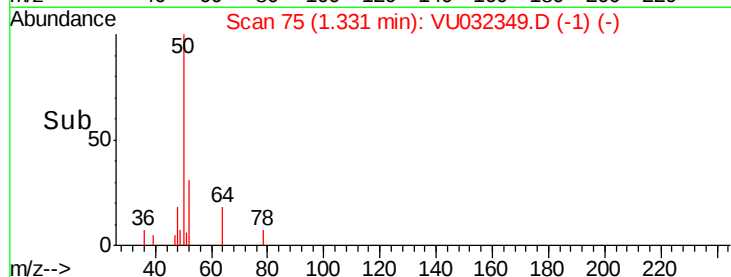
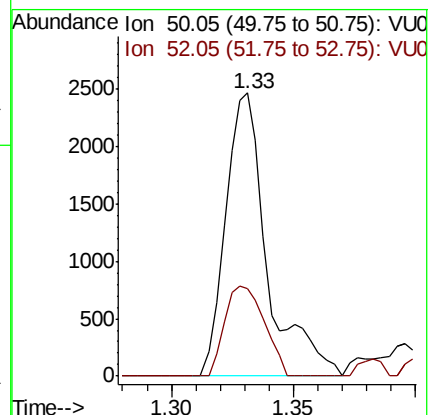
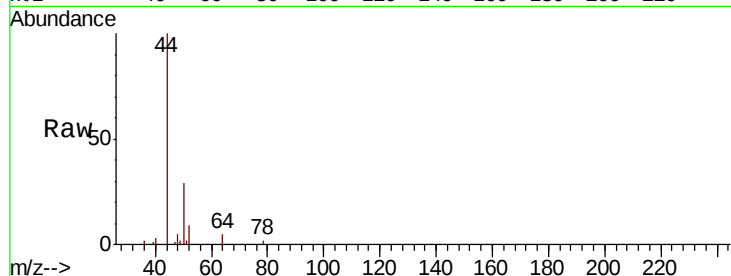
C0C49

Tgt Ion: 50 Resp: 2934

Ion Ratio Lower Upper

50 100

52 30.8 23.3 43.3



#10

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

Concen: 0.181 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU032349.D

Acq: 29 May 2019 10:22

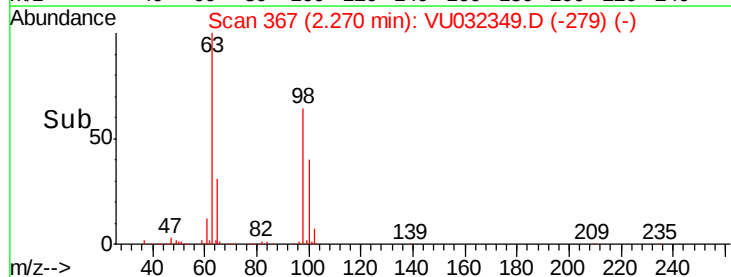
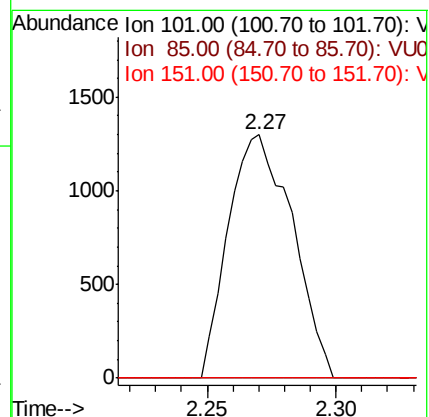
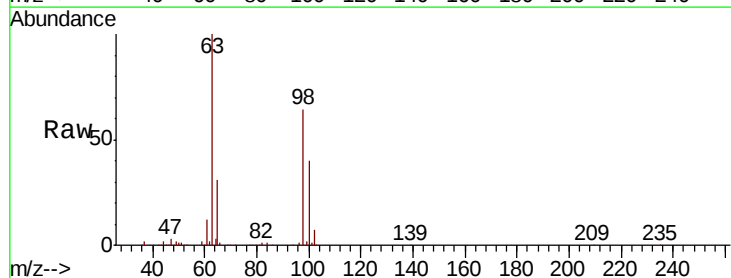
Tgt Ion: 101 Resp: 2248

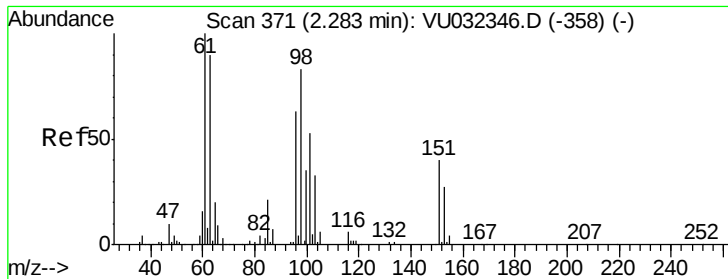
Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

151 0.0 64.4 96.6#





#12

1,1-Dichloroethene

Concen: 0.139 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032349.D

Acq: 29 May 2019 10:22

Instrument :

MSVOA_U

ClientSampleId :

C0C49

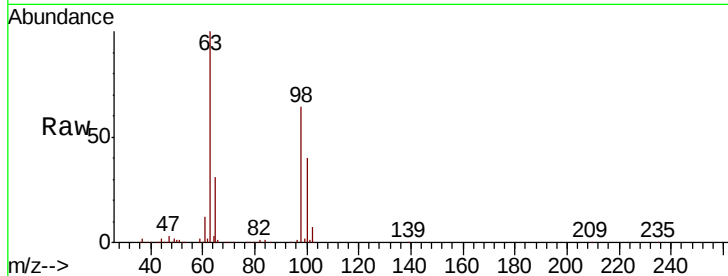
Tgt Ion: 96 Resp: 1736

Ion Ratio Lower Upper

96 100

61 1283.5 113.8 211.3#

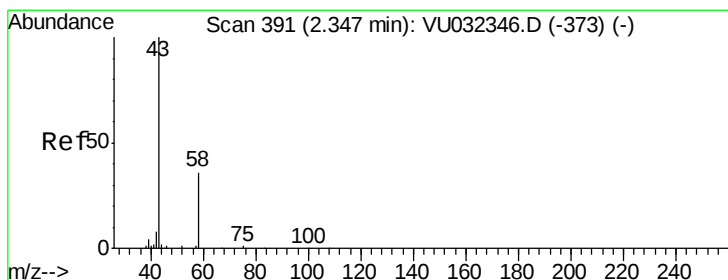
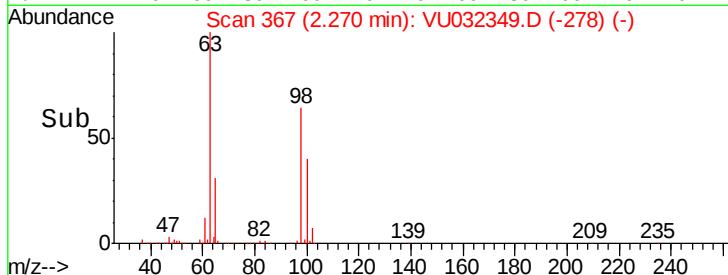
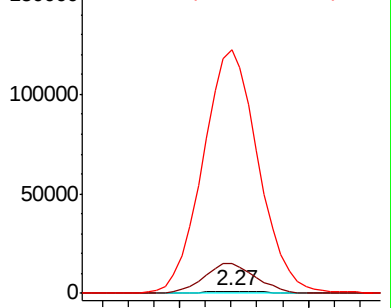
63 10485.7 108.8 202.2#



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: 11.173 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.03 min

Lab File: VU032349.D

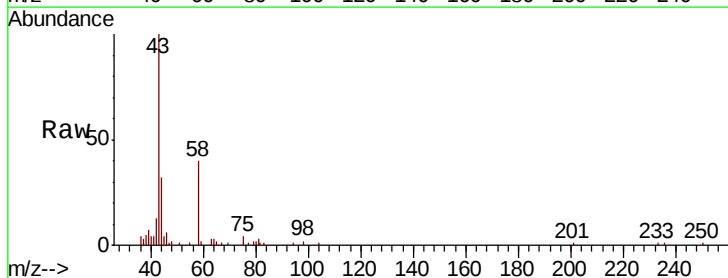
Acq: 29 May 2019 10:22

Tgt Ion: 43 Resp: 19228

Ion Ratio Lower Upper

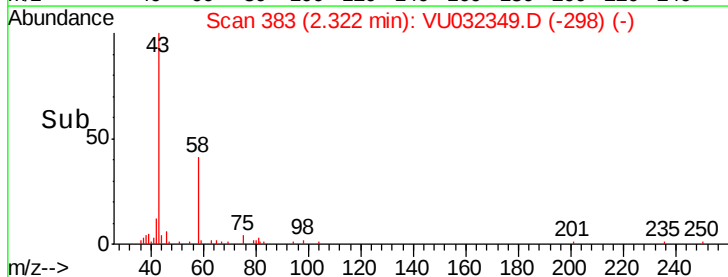
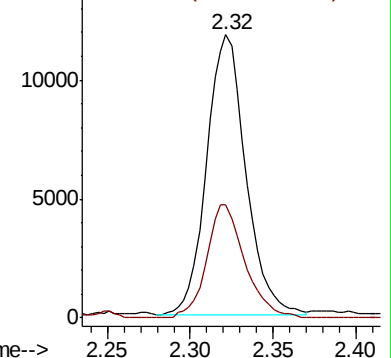
43 100

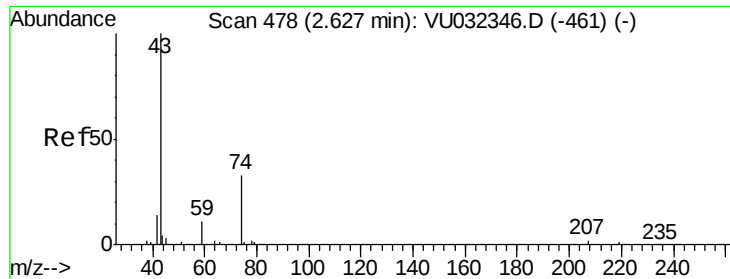
58 39.7 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

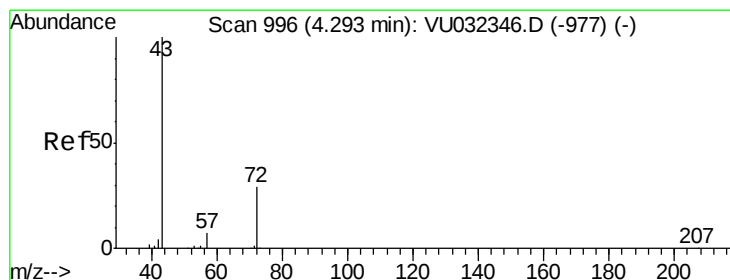
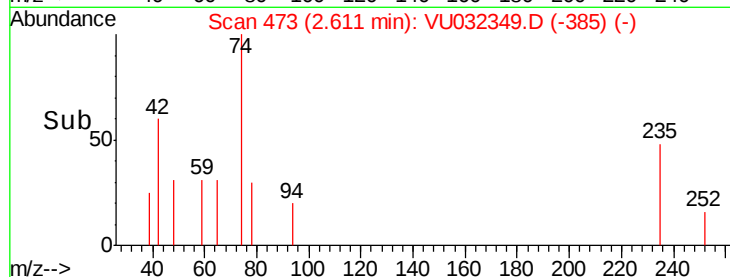
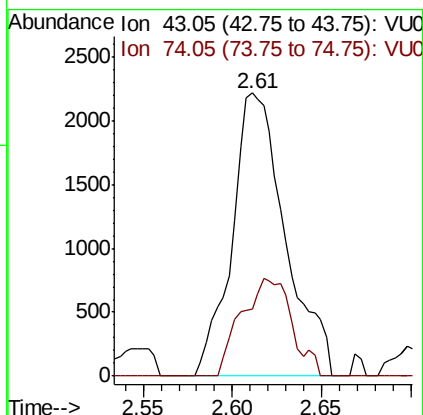
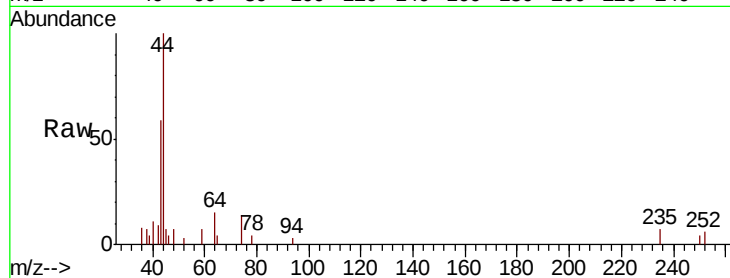




#15
Methyl Acetate
Concen: 0.916 ug/L
RT: 2.61 min Scan# 473
Delta R.T. -0.02 min
Lab File: VU032349.D
Acq: 29 May 2019 10:22

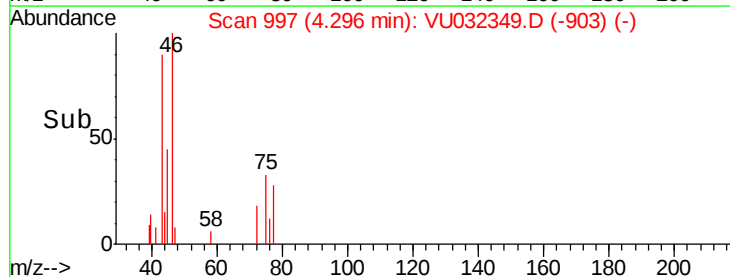
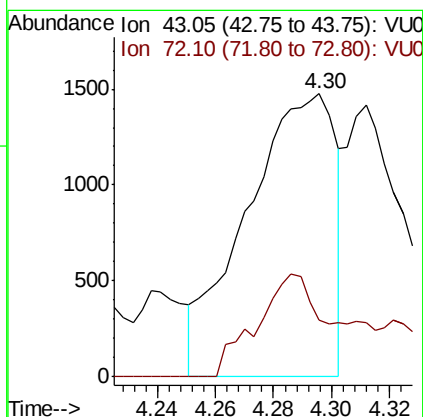
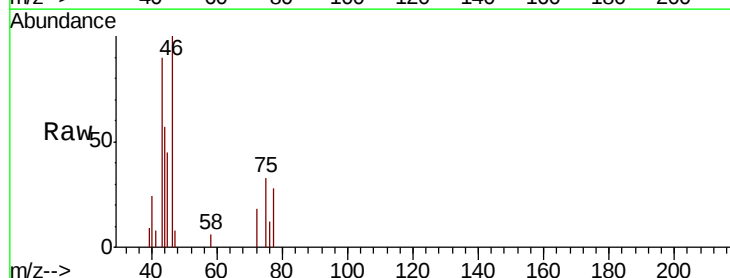
Instrument :
MSVOA_U
ClientSampleId :
C0C49

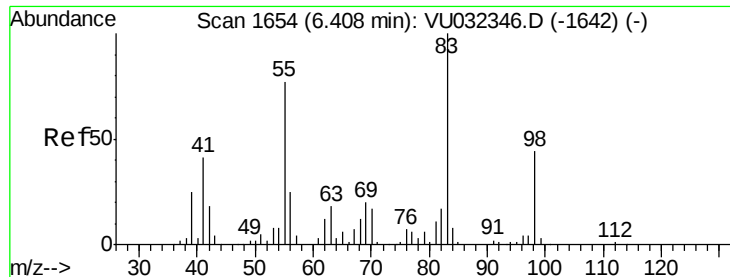
Tgt Ion: 43 Resp: 4628
Ion Ratio Lower Upper
43 100
74 32.6 27.3 40.9



#21
2-Butanone
Concen: 1.210 ug/L
RT: 4.30 min Scan# 997
Delta R.T. 0.00 min
Lab File: VU032349.D
Acq: 29 May 2019 10:22

Tgt Ion: 43 Resp: 3141
Ion Ratio Lower Upper
43 100
72 28.1 15.2 45.6

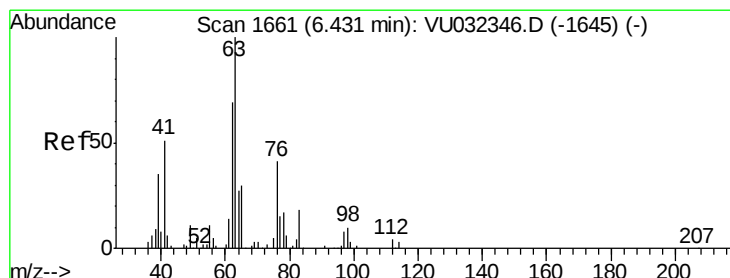
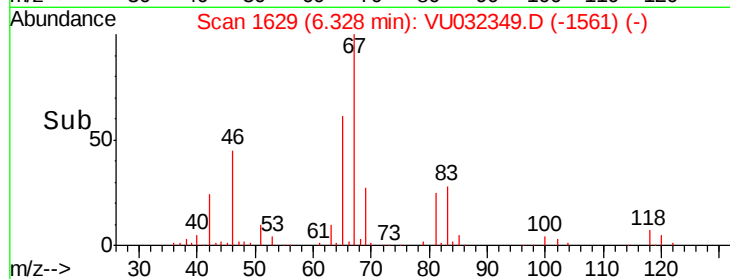
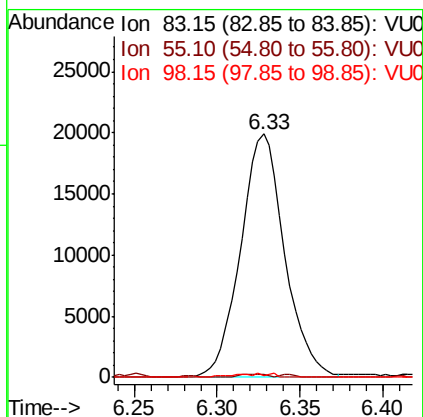
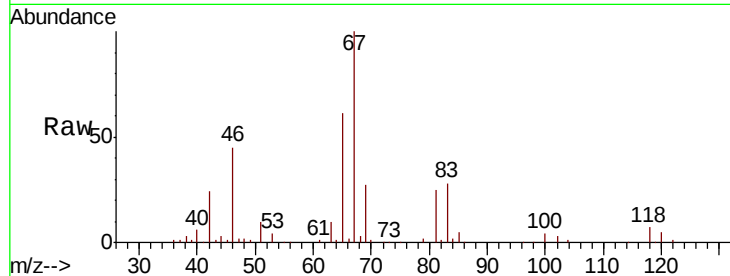




#35
Methylcyclohexane
Concen: 1.924 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032349.D
Acq: 29 May 2019 10:22

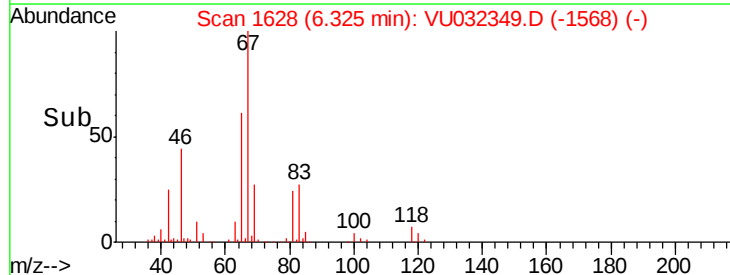
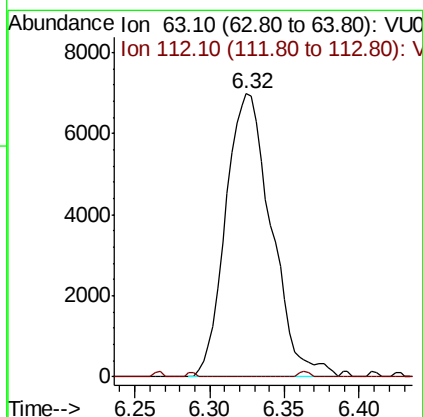
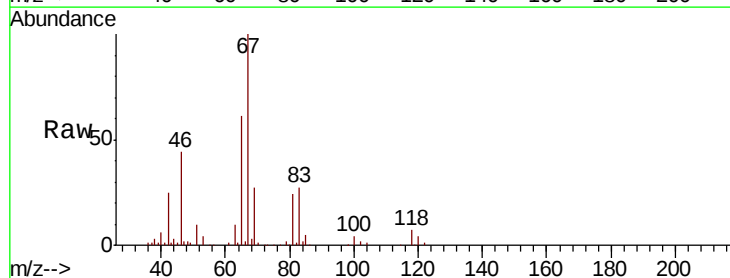
Instrument :
MSVOA_U
ClientSampled :
C0C49

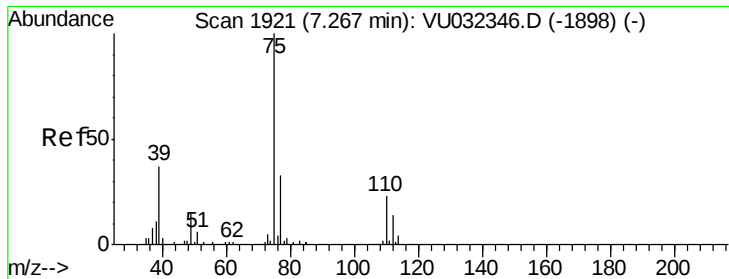
Tgt Ion: 83 Resp: 36723
Ion Ratio Lower Upper
83 100
55 0.8 59.7 89.5#
98 0.6 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.279 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU032349.D
Acq: 29 May 2019 10:22

Tgt Ion: 63 Resp: 14868
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.170 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.04 min

Lab File: VU032349.D

Acq: 29 May 2019 10:22

Instrument :

MSVOA_U

ClientSampleId :

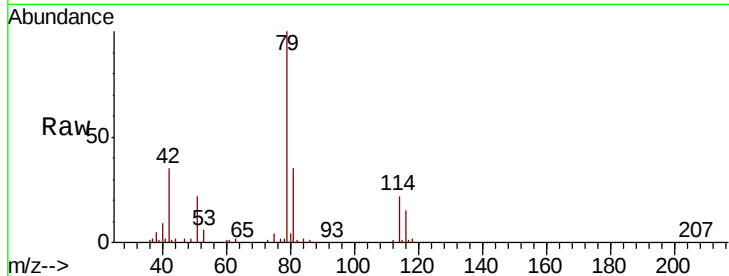
C0C49

Tgt Ion: 75 Resp: 2817

Ion Ratio Lower Upper

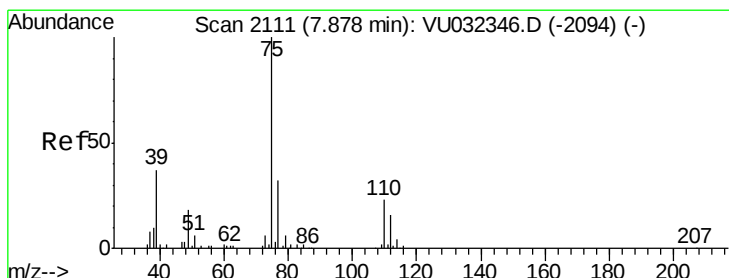
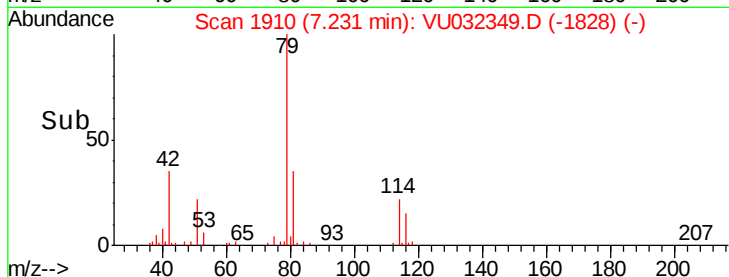
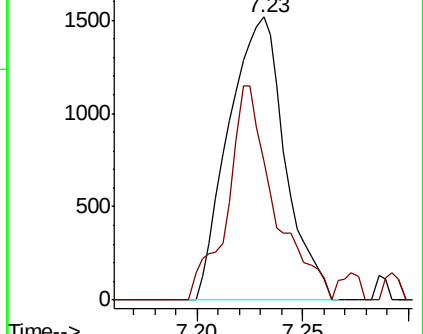
75 100

77 49.0 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: 0.139 ug/L

RT: 7.86 min Scan# 2104

Delta R.T. -0.02 min

Lab File: VU032349.D

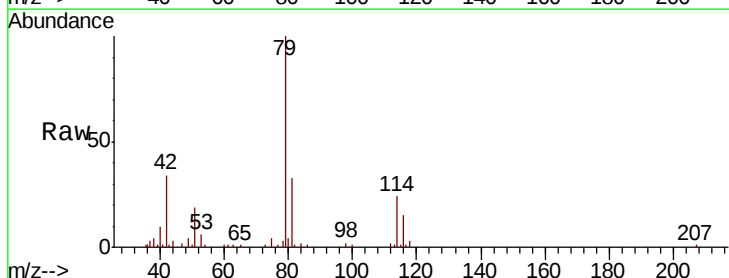
Acq: 29 May 2019 10:22

Tgt Ion: 75 Resp: 1806

Ion Ratio Lower Upper

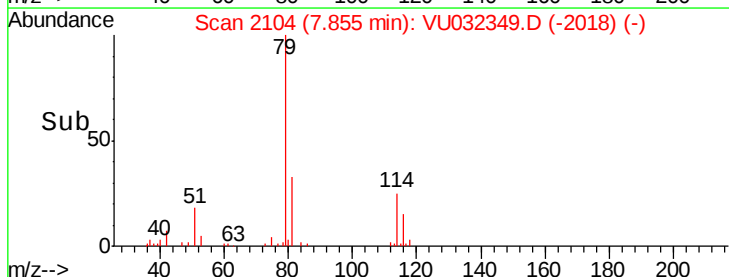
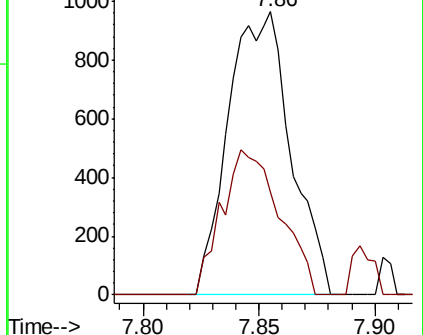
75 100

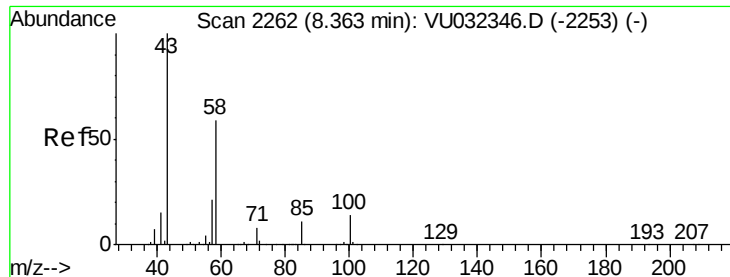
77 36.5 22.5 41.9



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

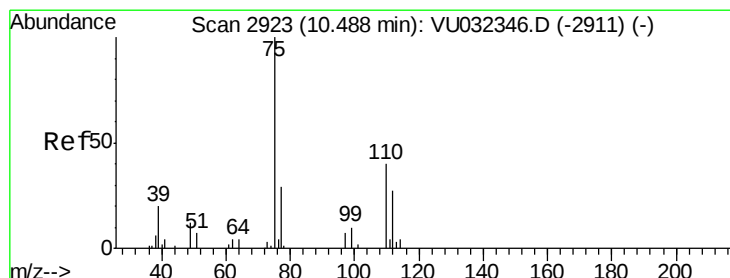
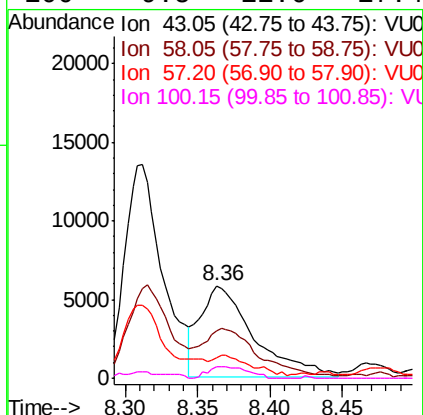
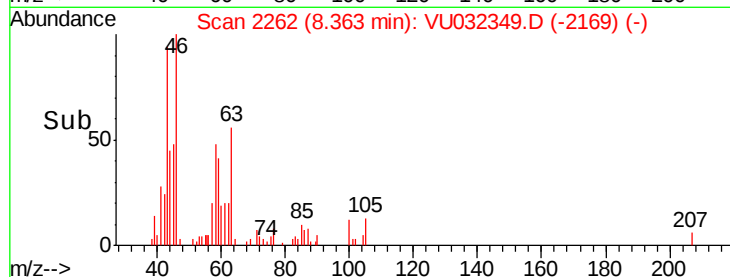
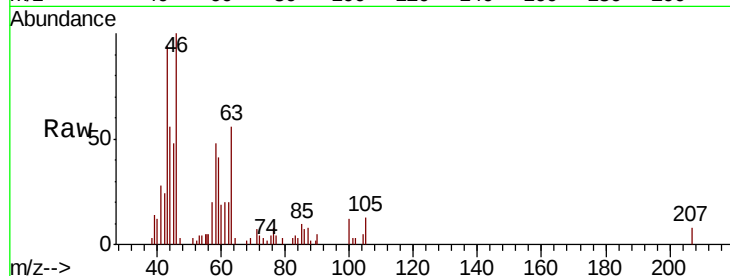




#48
2-Hexanone
Concen: 3.333 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VU032349.D
Acq: 29 May 2019 10:22

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 15024
Ion Ratio Lower Upper
43 100
58 50.1 49.7 74.5
57 15.2 17.1 25.7#
100 9.5 11.6 17.4#



#59
1,2,3-Trichloropropane
Concen: 2.182 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032349.D
Acq: 29 May 2019 10:22

Tgt Ion: 75 Resp: 16519
Ion Ratio Lower Upper
75 100
77 36.8 28.2 42.4

