

Data File : VU030387.D
Acq On : 25 Mar 2019 00:29
Operator : JC/SP
Sample : K2016-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09E8

Quant Time: Mar 25 05:52:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 05:48:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	384856	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	365598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143118	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	131044	42.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.62%
7) Chloroethane-d5	1.68	69	114384	46.59	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.18%
11) 1,1-Dichloroethene-d2	2.27	63	195493	33.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.54%
21) 2-Butanone-d5	4.17	46	273976	94.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	4.64	84	257783	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
26) 1,2-Dichloroethane-d4	5.31	65	168875	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
32) Benzene-d6	5.34	84	520858	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
36) 1,2-Dichloropropane-d6	6.33	67	185959	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.68%
41) Toluene-d8	7.56	98	448529	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%
43) trans-1,3-Dichloropropene-	7.85	79	69154	41.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.00%
47) 2-Hexanone-d5	8.31	63	181140	93.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	240742	46.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	147703	51.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.02%

Target Compounds

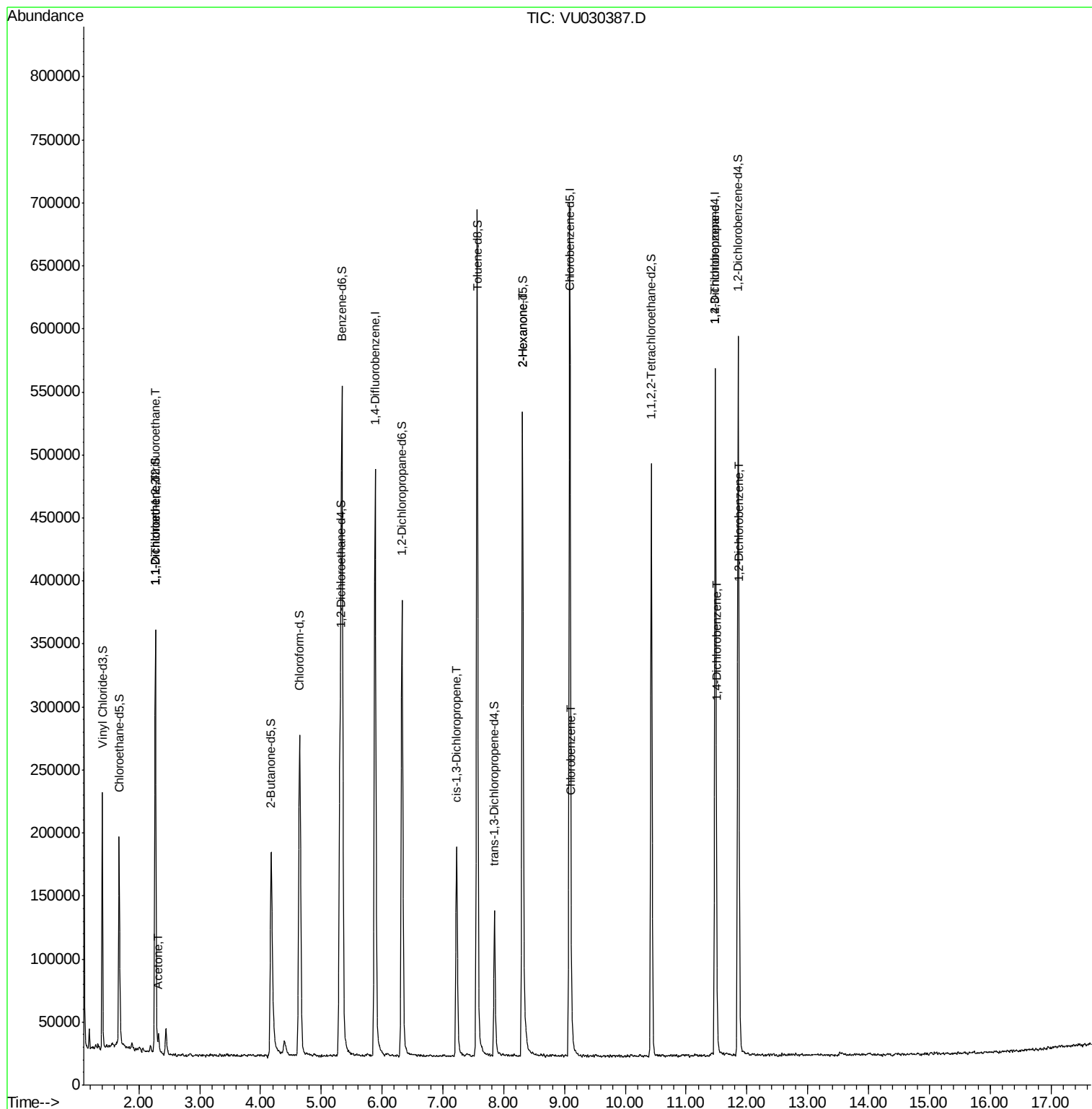
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1738	0.619 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1663	0.604 ug/L #	1
13) Acetone	2.32	43	10937	3.714 ug/L	94
39) cis-1,3-Dichloropropene	7.23	75	3708	0.730 ug/L #	69
48) 2-Hexanone	8.31	43	22162	4.558 ug/L #	74
51) Chlorobenzene	9.12	112	13122	1.676 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	21735	5.056 ug/L	93
63) 1,4-Dichlorobenzene	11.50	146	11828	2.455 ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	10103	2.135 ug/L	96

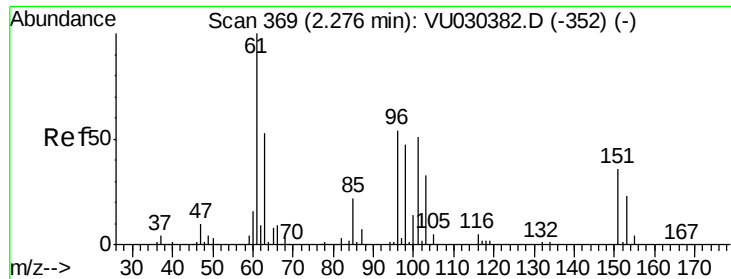
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.619 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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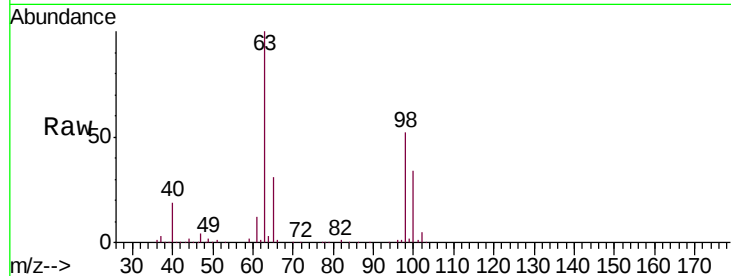
Tgt Ion: 101 Resp: 1738

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

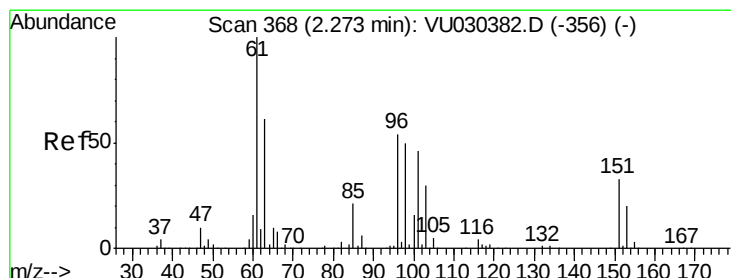
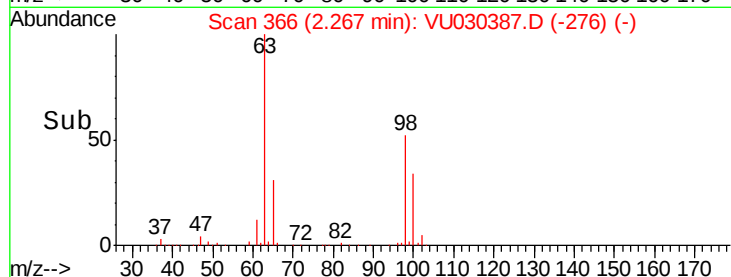
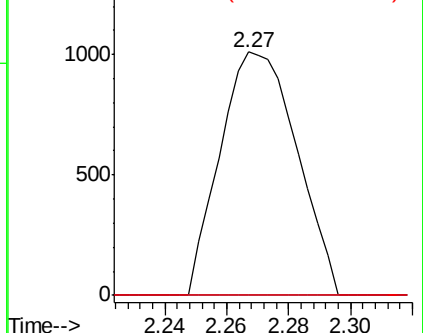
151 0.0 56.6 85.0#



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: 0.604 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU030387.D

Acq: 25 Mar 2019 00:29

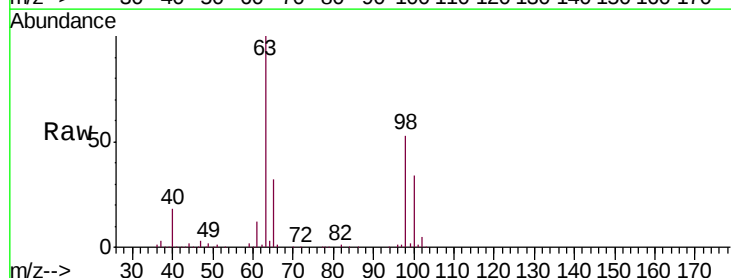
Tgt Ion: 96 Resp: 1663

Ion Ratio Lower Upper

96 100

61 1440.3 131.0 243.4#

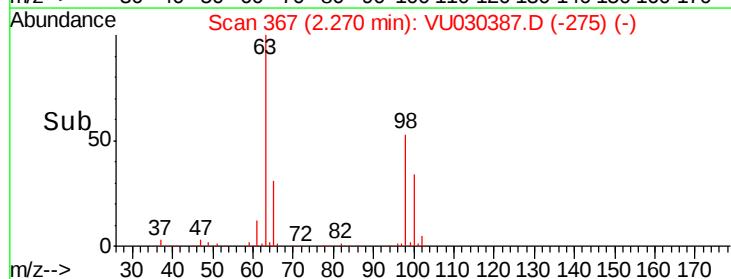
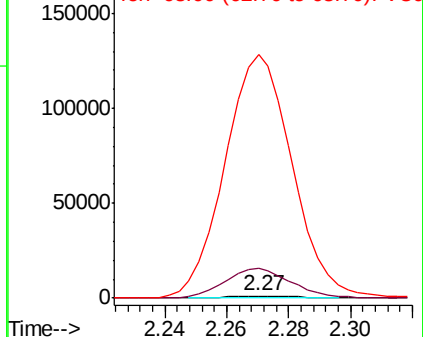
63 11893.2 92.4 171.6#

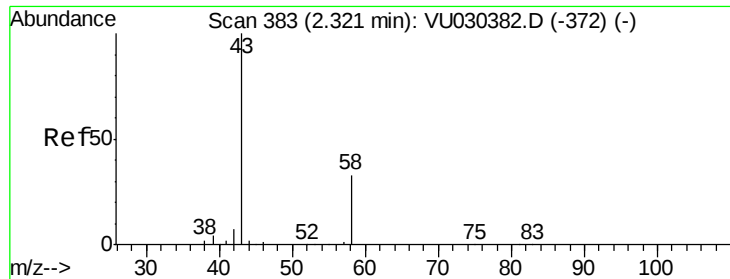


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.714 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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ClientSampleId :

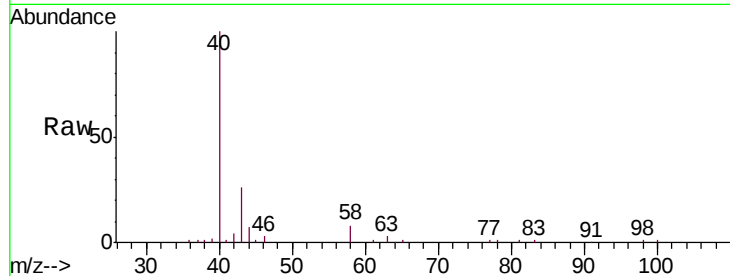
C09E8

Tgt Ion: 43 Resp: 10937

Ion Ratio Lower Upper

43 100

58 28.0 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030382.D (-372) (-)

Ion 58.00 (57.70 to 58.70): VU030382.D (-372) (-)

2.32

6000

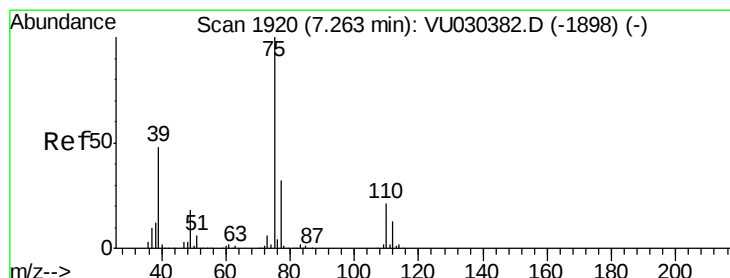
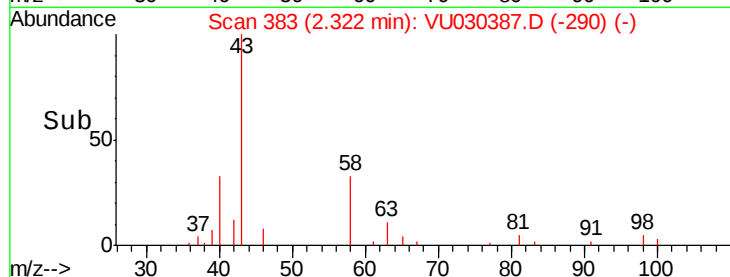
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#39

cis-1,3-Dichloropropene

Concen: 0.730 ug/L

RT: 7.23 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030387.D

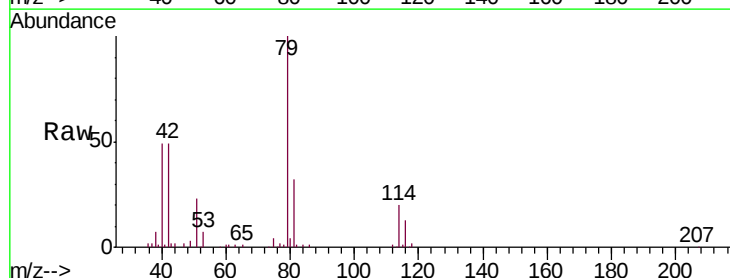
Acq: 25 Mar 2019 00:29

Tgt Ion: 75 Resp: 3708

Ion Ratio Lower Upper

75 100

77 48.5 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU030382.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU030382.D (-1898) (-)

7.23

2000

1500

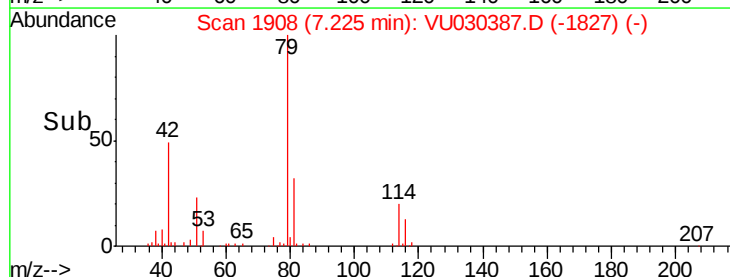
1000

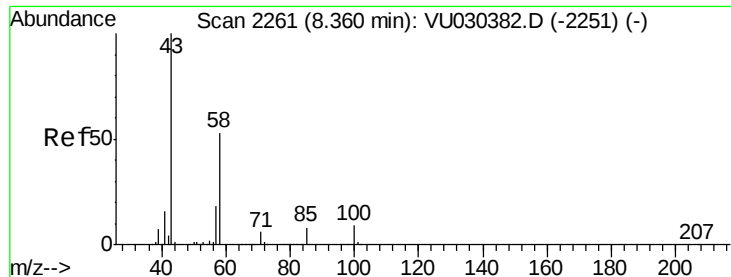
500

0

Time-->

7.20 7.25

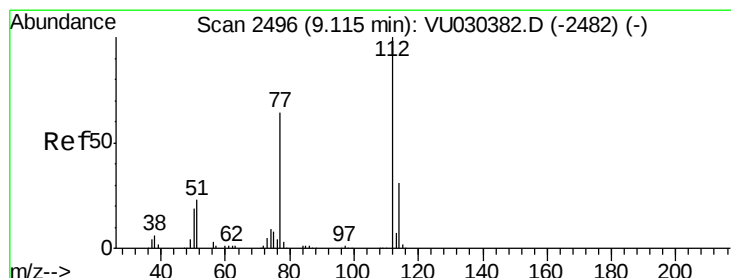
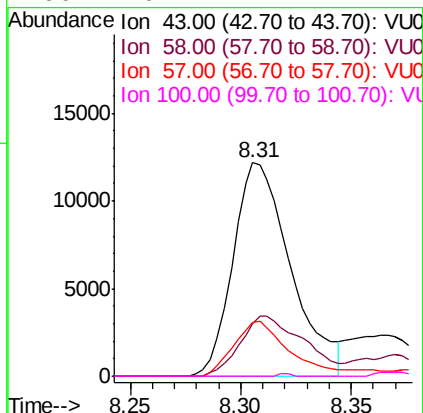
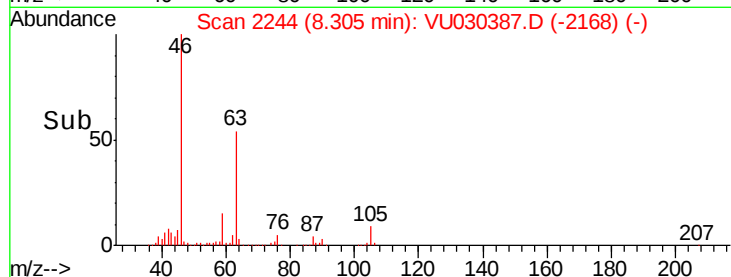
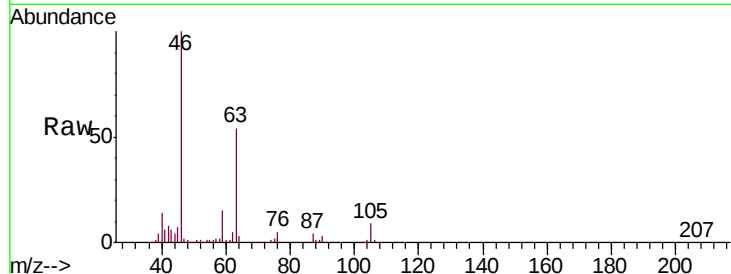




#48
2-Hexanone
Concen: 4.558 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU030387.D
Acq: 25 Mar 2019 00:29

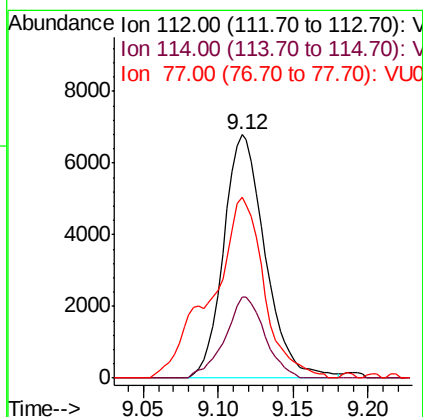
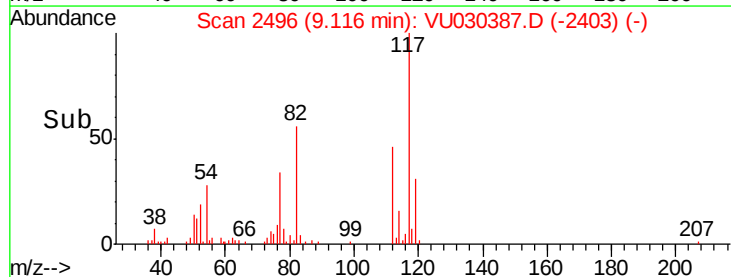
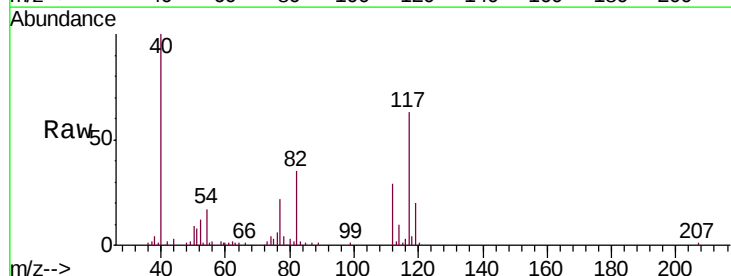
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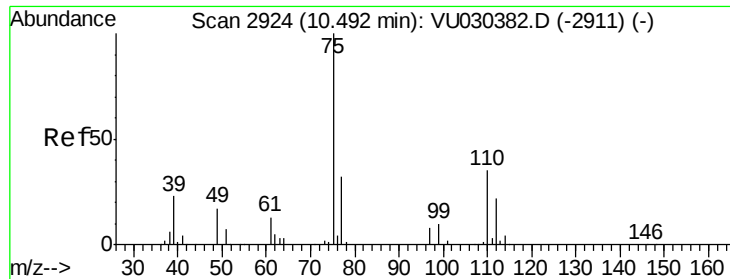
Tgt Ion: 43 Resp: 22162
Ion Ratio Lower Upper
43 100
58 31.6 42.5 63.7#
57 24.8 15.0 22.6#
100 0.2 7.4 11.2#



#51
Chlorobenzene
Concen: 1.676 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030387.D
Acq: 25 Mar 2019 00:29

Tgt Ion: 112 Resp: 13122
Ion Ratio Lower Upper
112 100
114 33.4 21.5 39.9
77 74.1 51.4 77.0

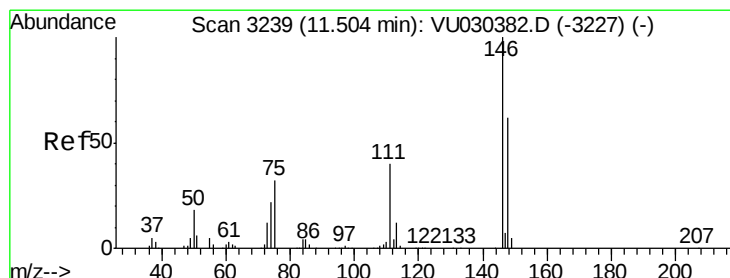
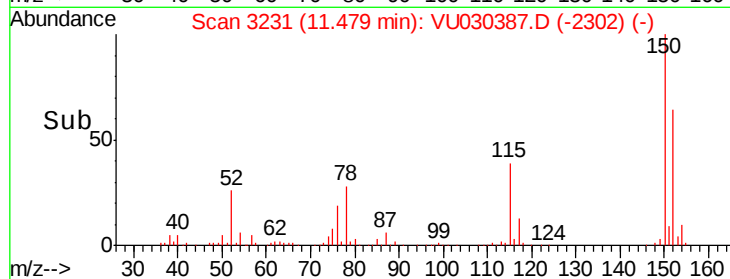
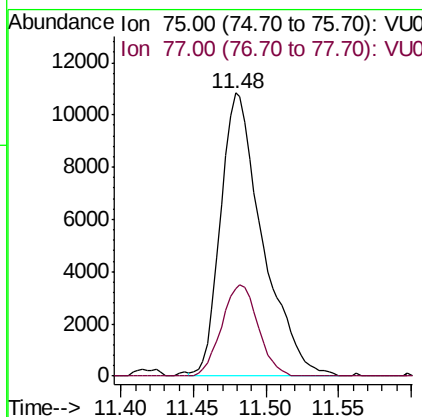
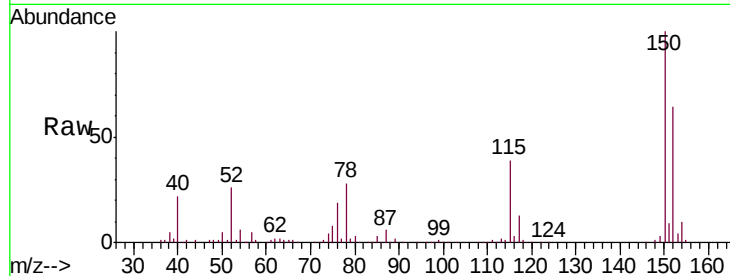




#59
 1,2,3-Trichloropropane
 Concen: 5.056 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030387.D
 Acq: 25 Mar 2019 00:29

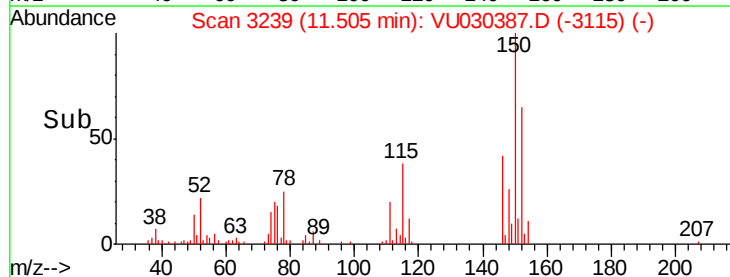
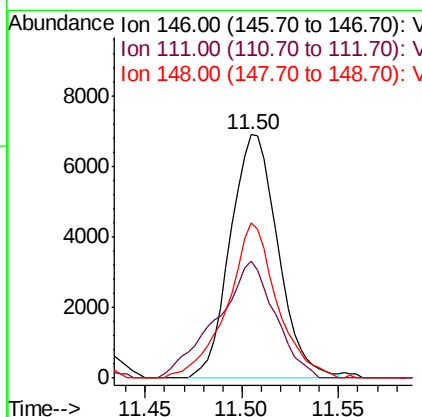
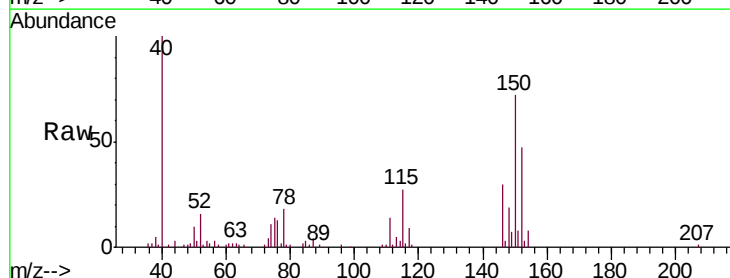
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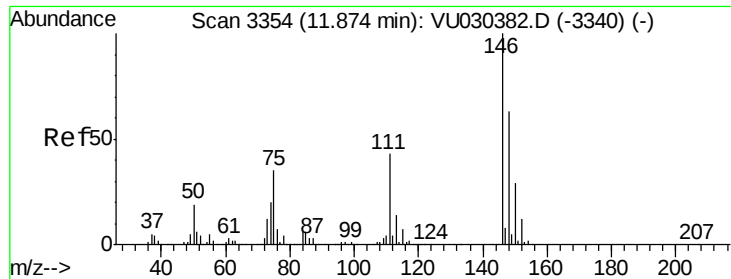
Tgt Ion: 75 Resp: 21735
 Ion Ratio Lower Upper
 75 100
 77 27.9 25.4 38.2



#63
 1,4-Dichlorobenzene
 Concen: 2.455 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030387.D
 Acq: 25 Mar 2019 00:29

Tgt Ion: 146 Resp: 11828
 Ion Ratio Lower Upper
 146 100
 111 48.3 28.7 53.3
 148 63.7 44.3 82.3





#65
 1,2-Dichlorobenzene
 Concen: 2.135 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030387.D
 Acq: 25 Mar 2019 00:29

Instrument :
 MSVOA_U
 ClientSampleId :
 C09E8

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.7	34.9	52.3
148	62.2	51.2	76.8

