

Data File : VU032067.D
Acq On : 16 May 2019 22:44
Operator : JC/SP
Sample : K2850-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W09

Quant Time: May 17 07:23:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	398650	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	414253	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154183	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149022	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.68	69	128709	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.27	63	211334	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.20	46	275994	41.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.72%
24) Chloroform-d	4.64	84	257549	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.31	65	131439	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.33	84	536432	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.33	67	158791	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.56	98	450793	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	7.85	79	50825	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.31	63	238798	39.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125209	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	159871	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

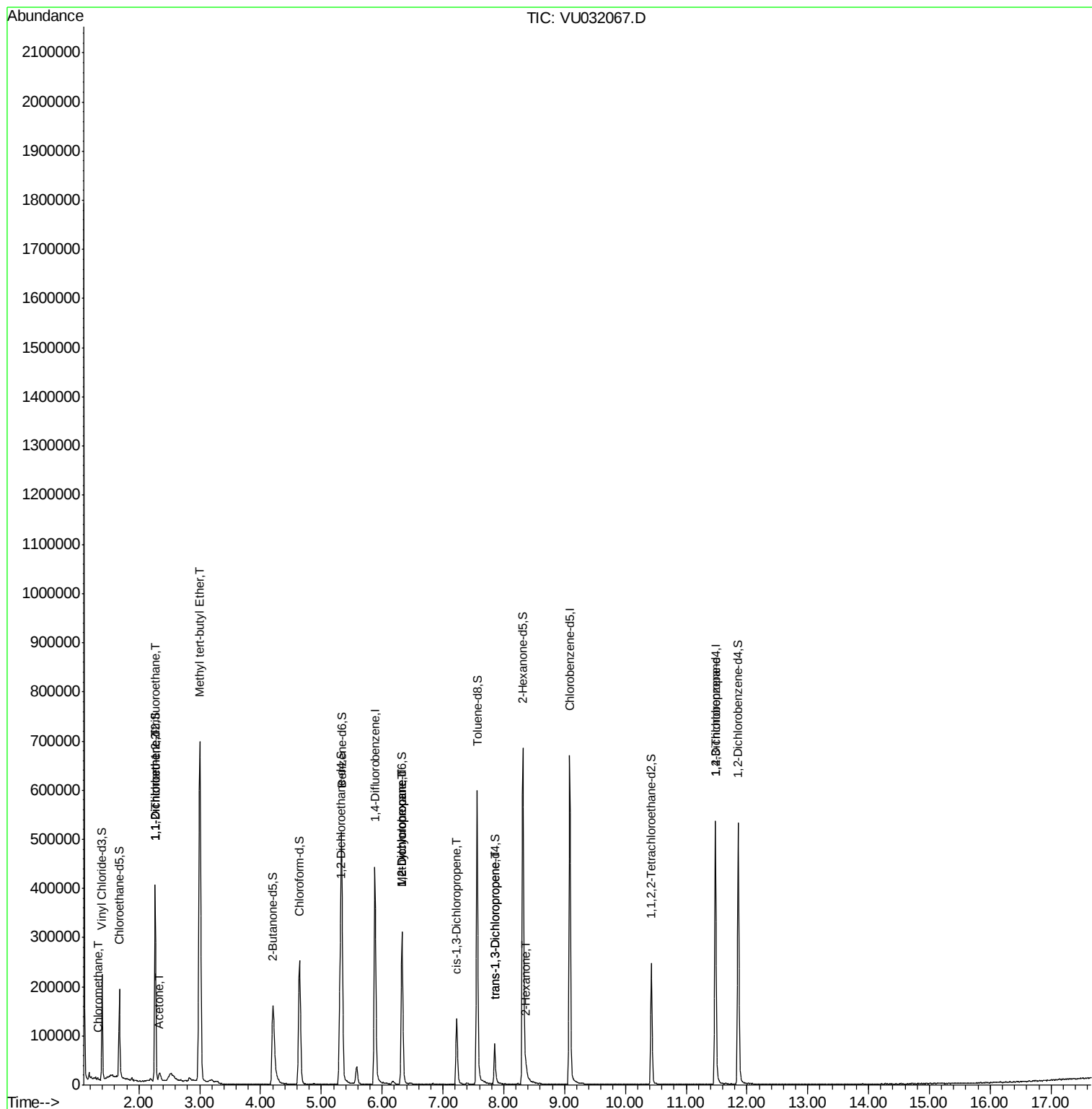
						Qvalue
3) Chloromethane	1.32	50	3195	0.167	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2462	0.151	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	2033	0.127	ug/L #	1
13) Acetone	2.34	43	17978	8.307	ug/L	100
17) Methyl tert-butyl Ether	3.00	73	805677	21.406	ug/L	98
35) Methylcyclohexane	6.32	83	40274	1.621	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	16338	1.051	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3541	0.165	ug/L #	72
44) trans-1,3-Dichloropropene	7.85	75	2662	0.159	ug/L	89
48) 2-Hexanone	8.37	43	10613	1.898	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	17469	1.768	ug/L	99

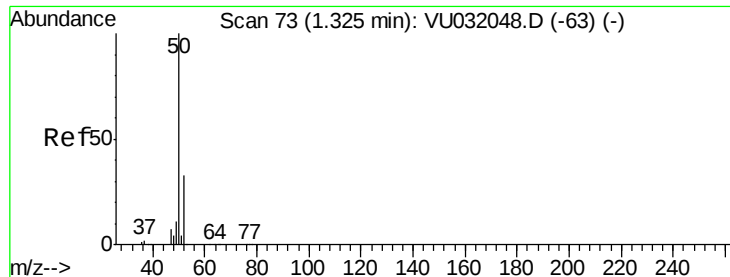
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.167 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032067.D

Acq: 16 May 2019 22:44

Instrument :

MSVOA_U

ClientSampleId :

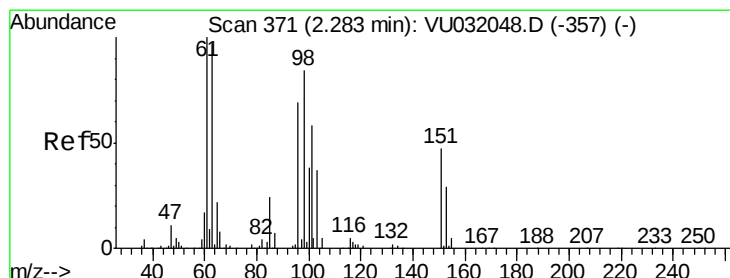
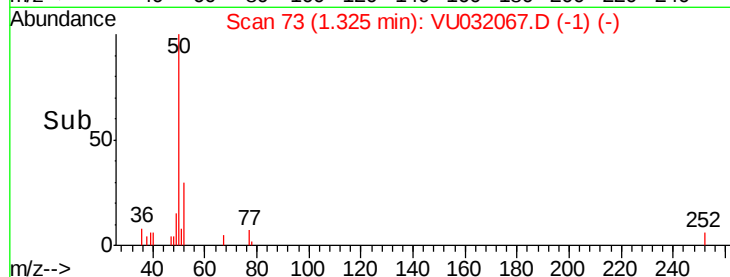
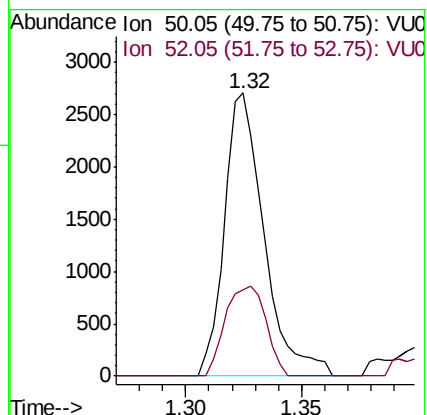
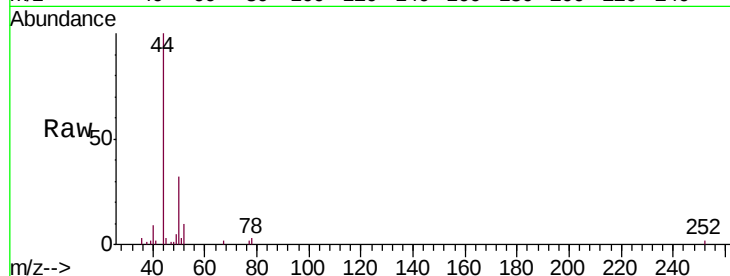
F9W09

Tgt Ion: 50 Resp: 3195

Ion Ratio Lower Upper

50 100

52 30.4 23.2 43.0



#10

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

Concen: 0.151 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU032067.D

Acq: 16 May 2019 22:44

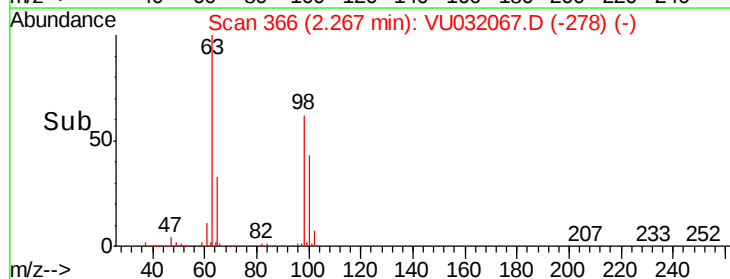
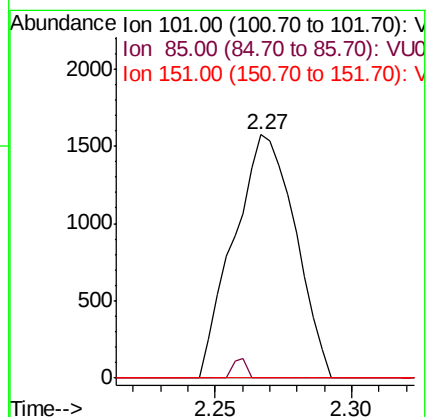
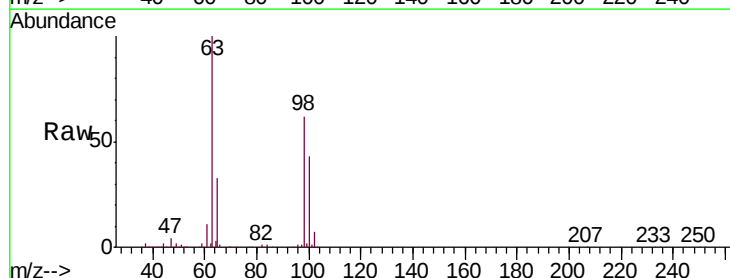
Tgt Ion: 101 Resp: 2462

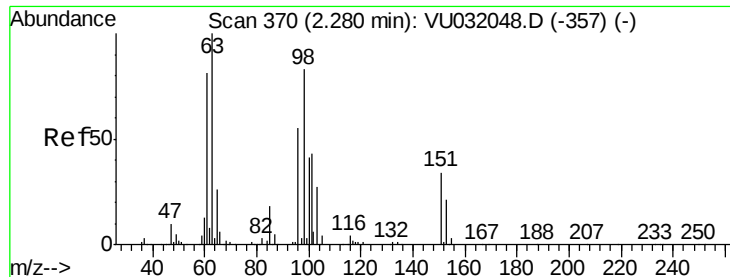
Ion Ratio Lower Upper

101 100

85 1.9 33.8 50.8#

151 2.2 59.4 89.2#





#12

1,1-Dichloroethene

Concen: 0.127 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032067.D

Acq: 16 May 2019 22:44

Instrument :

MSVOA_U

ClientSampleId :

F9W09

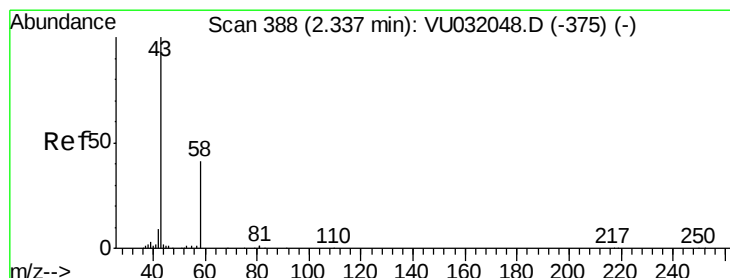
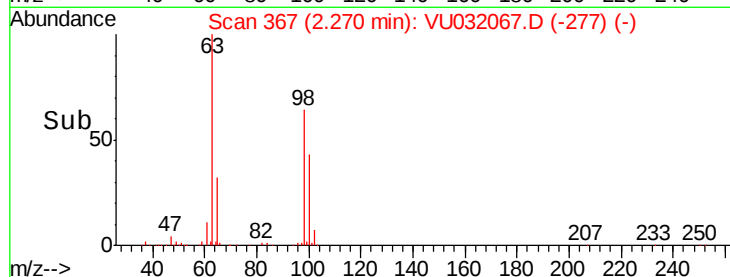
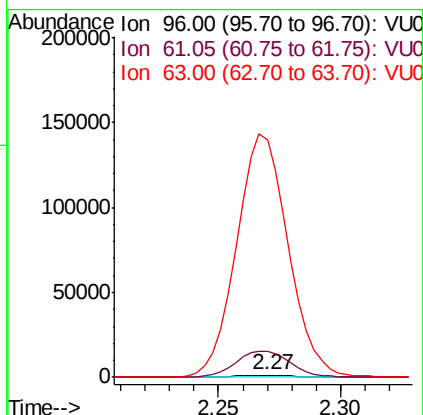
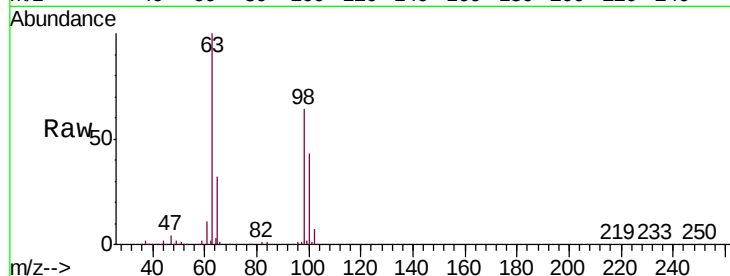
Tgt Ion: 96 Resp: 2033

Ion Ratio Lower Upper

96 100

61 1164.1 111.7 207.5#

63 10495.4 152.2 282.6#



#13

Acetone

Concen: 8.307 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU032067.D

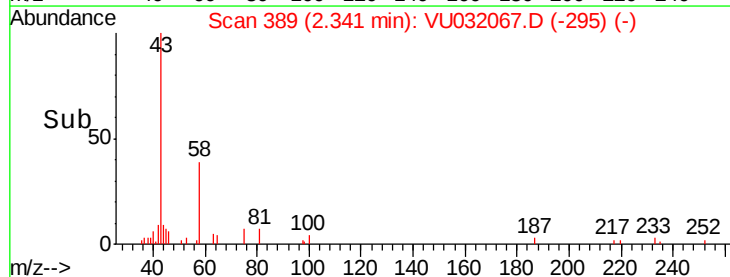
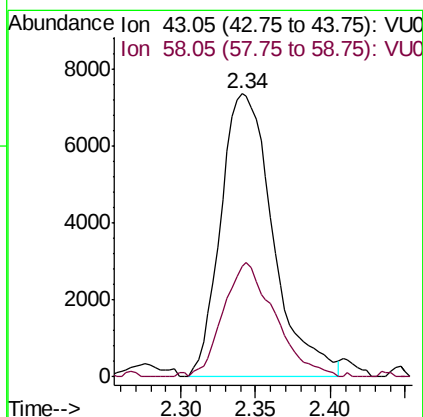
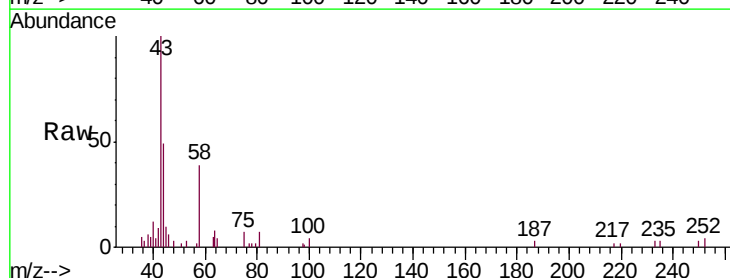
Acq: 16 May 2019 22:44

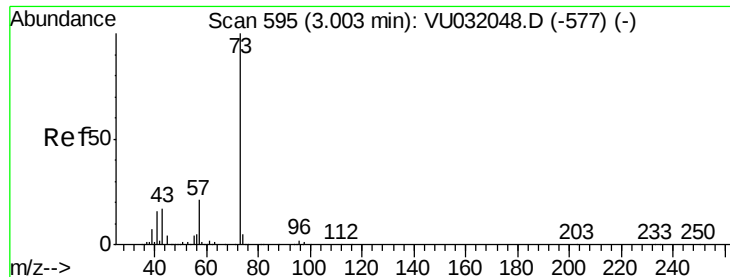
Tgt Ion: 43 Resp: 17978

Ion Ratio Lower Upper

43 100

58 39.6 0.0 78.8





#17

Methyl tert-butyl Ether

Concen: 21.406 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032067.D

Acq: 16 May 2019 22:44

Instrument :

MSVOA_U

ClientSampleId :

F9W09

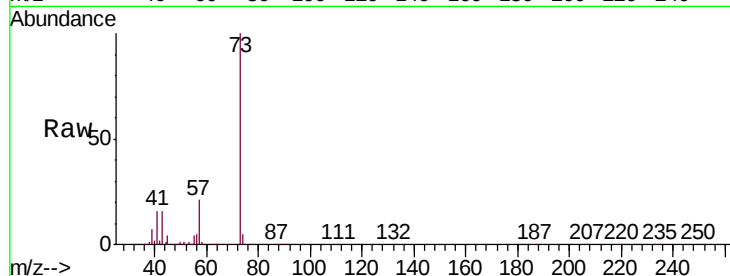
Tgt Ion: 73 Resp: 805677

Ion Ratio Lower Upper

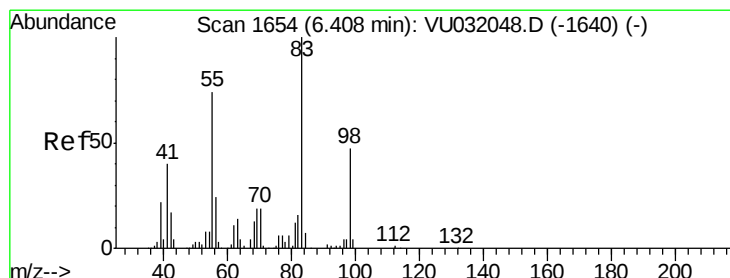
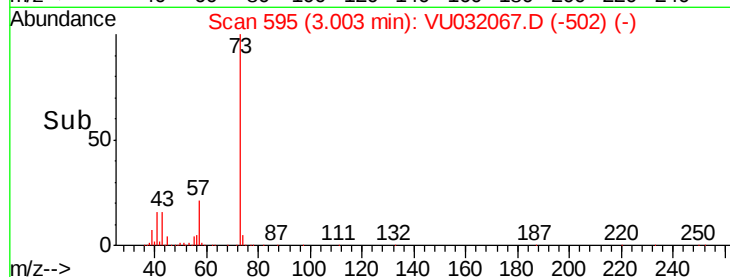
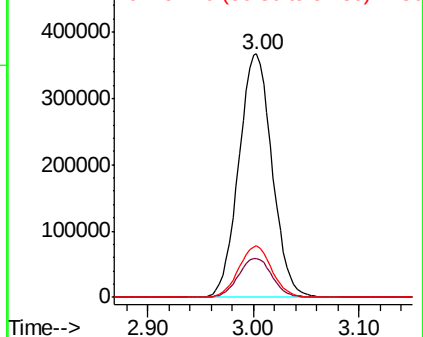
73 100

43 16.1 13.0 19.6

57 20.9 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0



#35

Methylcyclohexane

Concen: 1.621 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032067.D

Acq: 16 May 2019 22:44

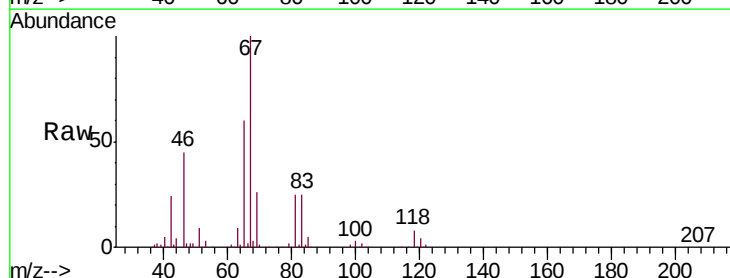
Tgt Ion: 83 Resp: 40274

Ion Ratio Lower Upper

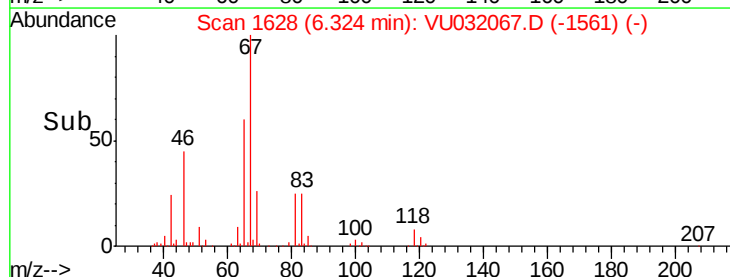
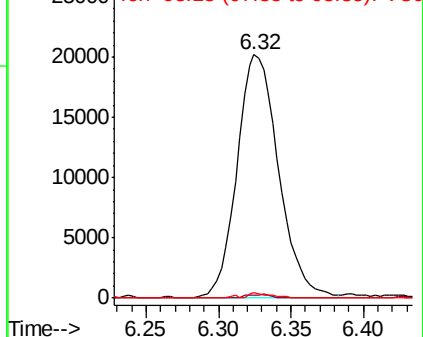
83 100

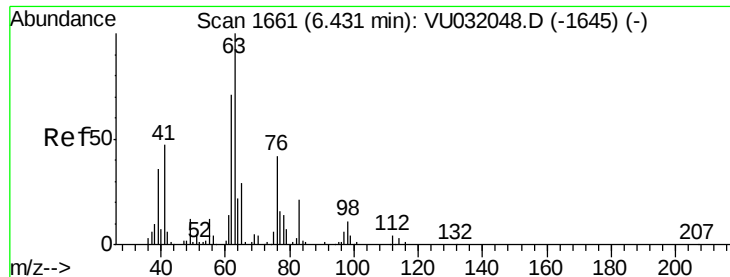
55 0.8 59.7 89.5#

98 1.0 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

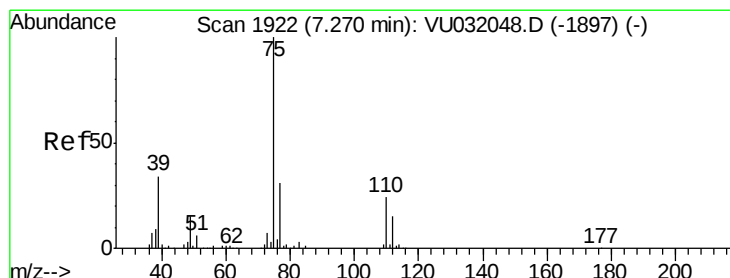
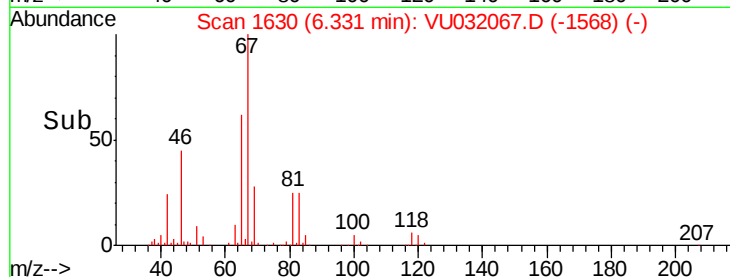
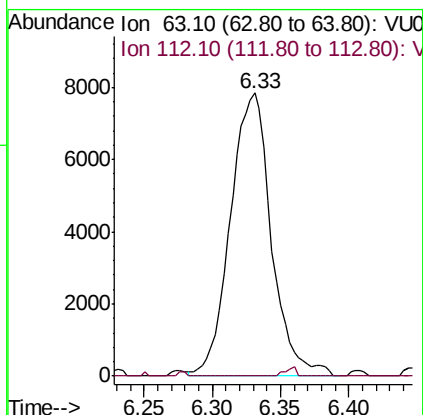
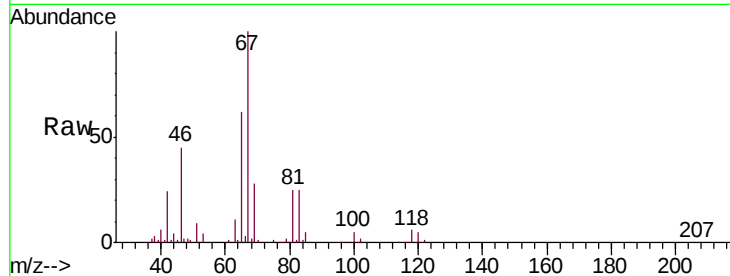




#37
 1,2-Dichloropropane
 Concen: 1.051 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU032067.D
 Acq: 16 May 2019 22:44

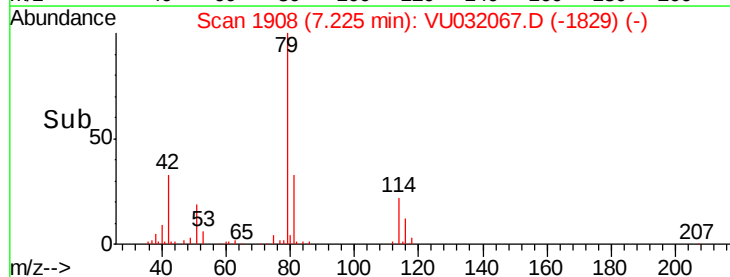
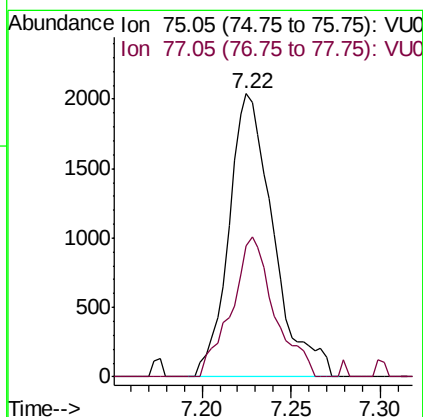
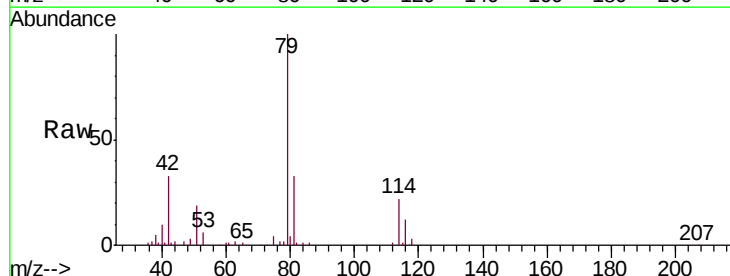
Instrument :
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 ClientSampleId :
 F9W09

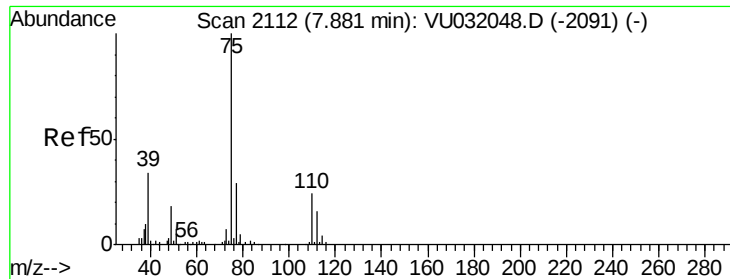
Tgt Ion: 63 Resp: 16338
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.165 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032067.D
 Acq: 16 May 2019 22:44

Tgt Ion: 75 Resp: 3541
 Ion Ratio Lower Upper
 75 100
 77 46.2 21.7 40.3#





#44

trans-1,3-Dichloropropene

Concen: 0.159 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032067.D

Acq: 16 May 2019 22:44

Instrument :

MSVOA_U

ClientSampleId :

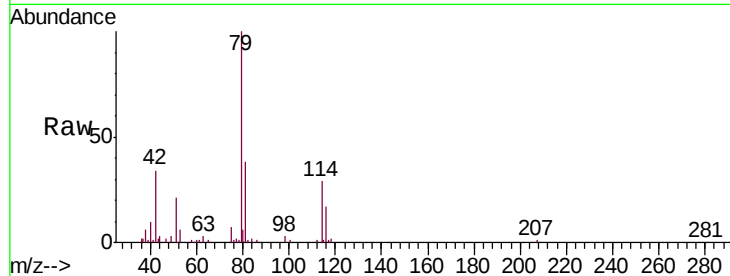
F9W09

Tgt Ion: 75 Resp: 2662

Ion Ratio Lower Upper

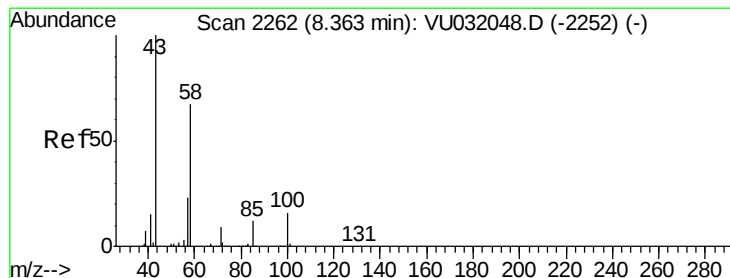
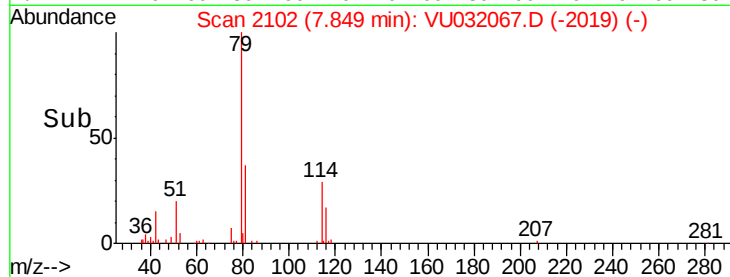
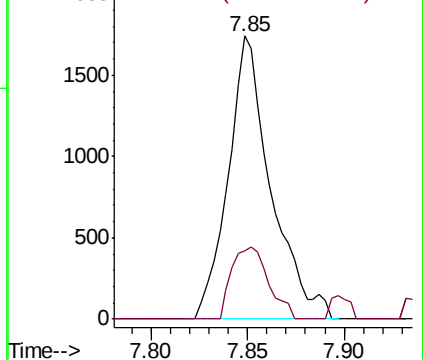
75 100

77 24.3 21.0 39.0



Abundance Ion 75.05 (74.75 to 75.75): VU032048.D (-2091) (-)

Ion 77.05 (76.75 to 77.75): VU032048.D (-2091) (-)



#48

2-Hexanone

Concen: 1.898 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU032067.D

Acq: 16 May 2019 22:44

Tgt Ion: 43 Resp: 10613

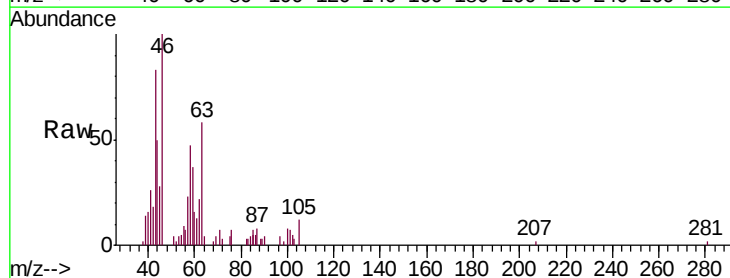
Ion Ratio Lower Upper

43 100

58 38.7 51.6 77.4#

57 11.7 18.4 27.6#

100 4.0 12.2 18.4#

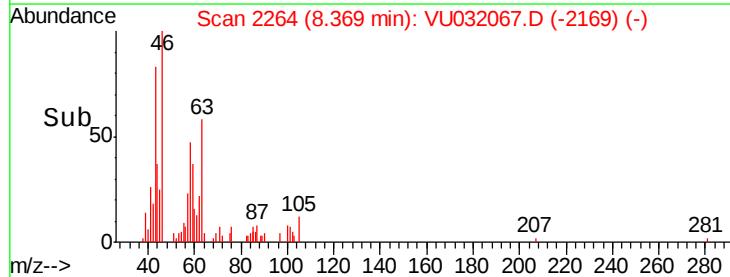
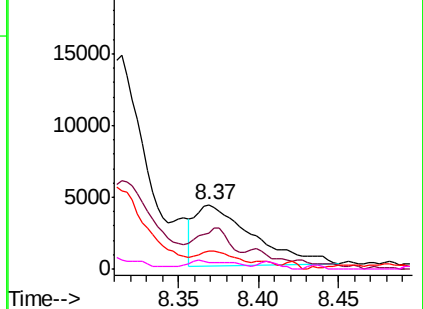


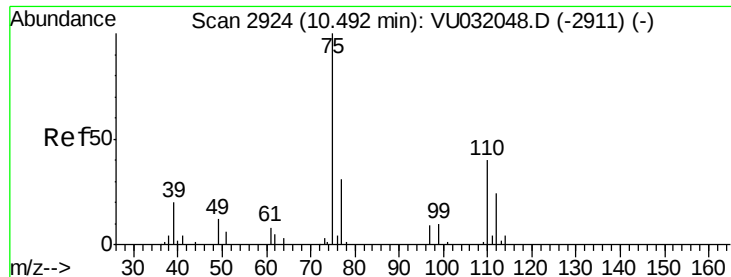
Abundance Ion 43.05 (42.75 to 43.75): VU032048.D (-2252) (-)

Ion 58.05 (57.75 to 58.75): VU032048.D (-2252) (-)

Ion 57.20 (56.90 to 57.90): VU032048.D (-2252) (-)

Ion 100.15 (99.85 to 100.85): VU032048.D (-2252) (-)





#59

1,2,3-Trichloropropane

Concen: 1.768 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032067.D

Acq: 16 May 2019 22:44

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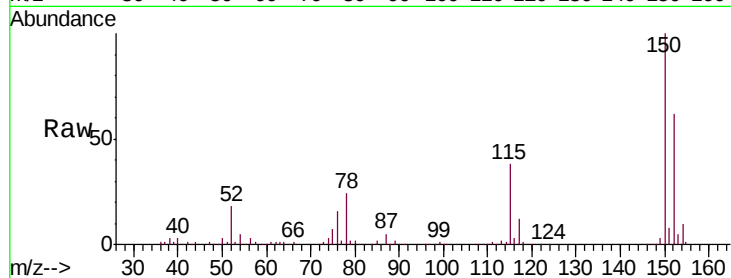
F9W09

Tgt Ion: 75 Resp: 17469

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

12000

10000

8000

6000

4000

2000

0

11.45

11.50

Time-->

