

Data File : VU032140.D
Acq On : 18 May 2019 08:20
Operator : JC/SP
Sample : K2860-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W48

Quant Time: May 20 05:00:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 20 04:57:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	350640	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	370189	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	142786	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106436	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.67	69	95801	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.00%
11) 1,1-Dichloroethene-d2	2.27	63	154980	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.19	46	226479	39.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.12%
24) Chloroform-d	4.64	84	211650	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	5.31	65	109464	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.33	84	436496	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.32	67	128415	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.80%
41) Toluene-d8	7.56	98	348860	3.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.20%
43) trans-1,3-Dichloropropene-	7.85	79	40079	3.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.40%
46) 2-Hexanone-d5	8.31	63	197725	36.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111526	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	138909	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

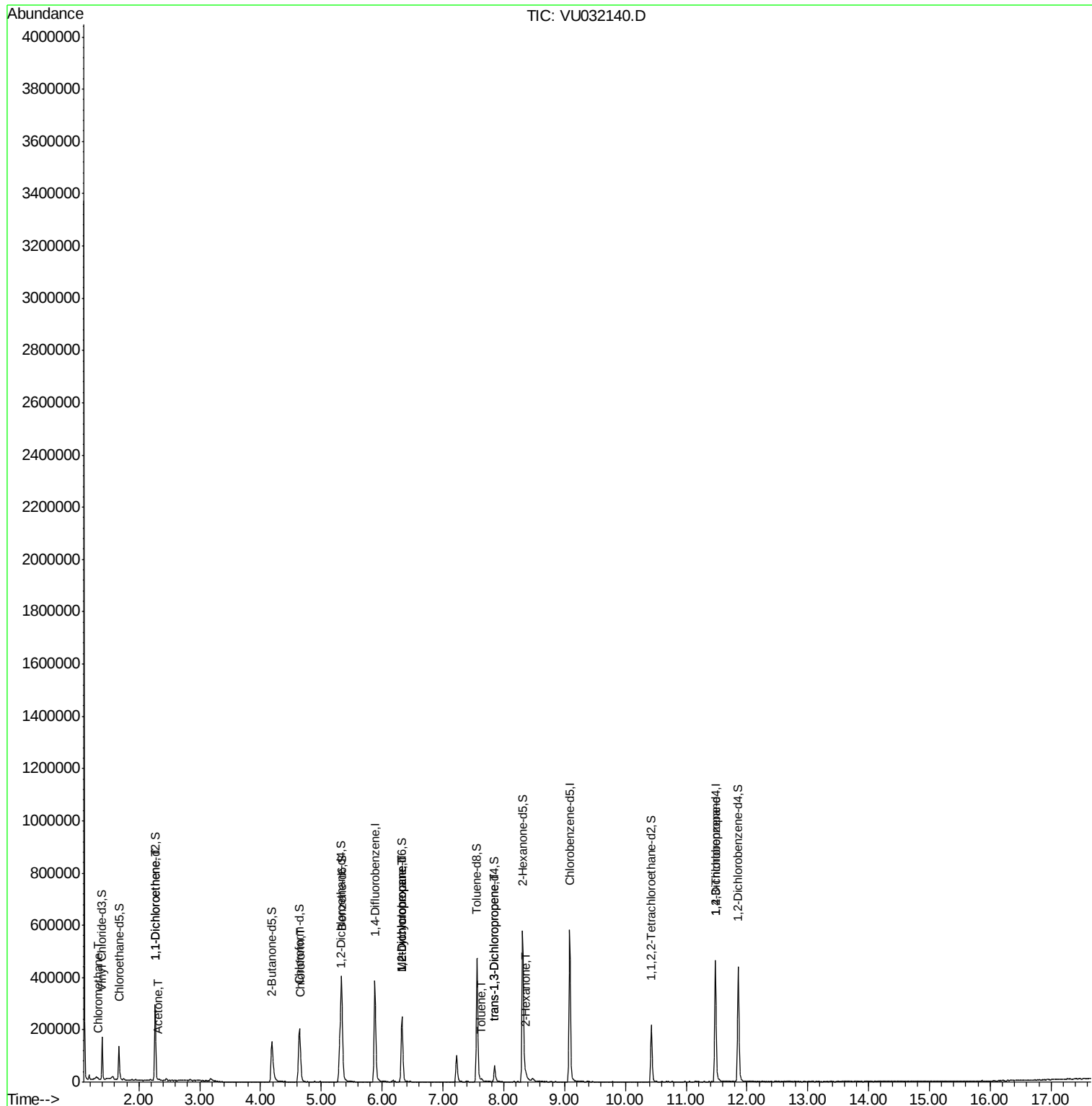
					Qvalue
3) Chloromethane	1.33	50	2587	0.154 ug/L	95
12) 1,1-Dichloroethene	2.27	96	1780	0.126 ug/L #	1
13) Acetone	2.32	43	2277	1.196 ug/L	95
25) Chloroform	4.66	83	9377	0.367 ug/L	86
35) Methylcyclohexane	6.32	83	31576	1.422 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	13736	0.988 ug/L #	87
42) Toluene	7.64	91	5380	0.090 ug/L	90
44) trans-1,3-Dichloropropene	7.86	75	1377	0.092 ug/L #	67
48) 2-Hexanone	8.37	43	7313	1.463 ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	14641	1.659 ug/L	93

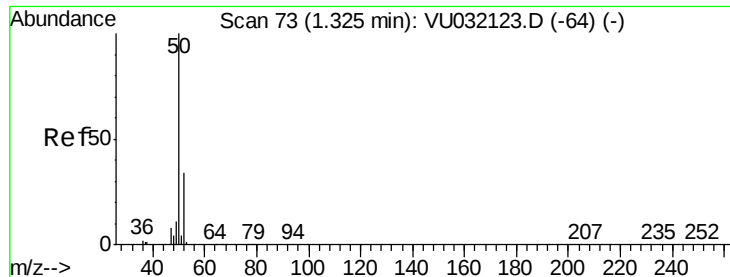
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.154 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032140.D

Acq: 18 May 2019 08:20

Instrument :

MSVOA_U

ClientSampled :

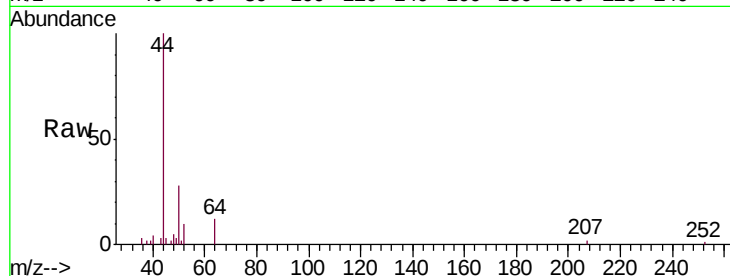
F9W48

Tgt Ion: 50 Resp: 2587

Ion Ratio Lower Upper

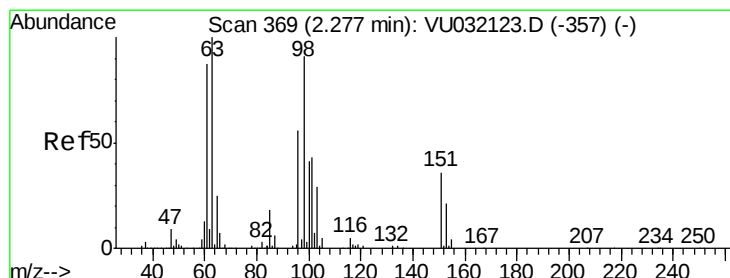
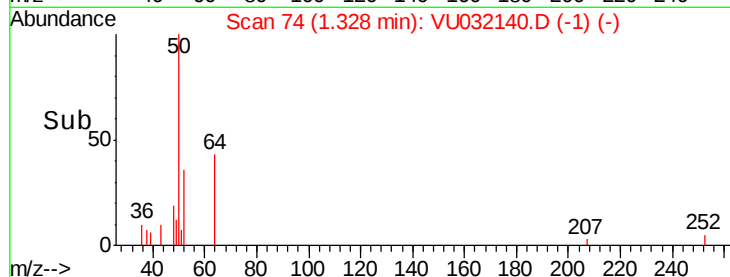
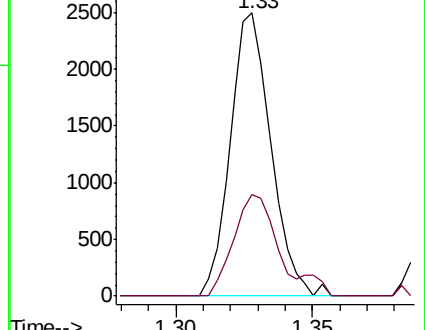
50 100

52 36.0 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU032140.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU032140.D (-1) (-)



#12

1,1-Dichloroethene

Concen: 0.126 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032140.D

Acq: 18 May 2019 08:20

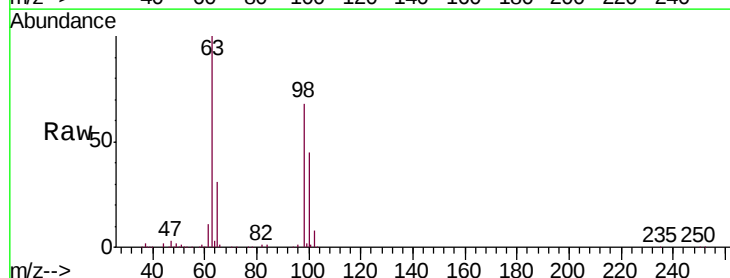
Tgt Ion: 96 Resp: 1780

Ion Ratio Lower Upper

96 100

61 929.7 111.7 207.5#

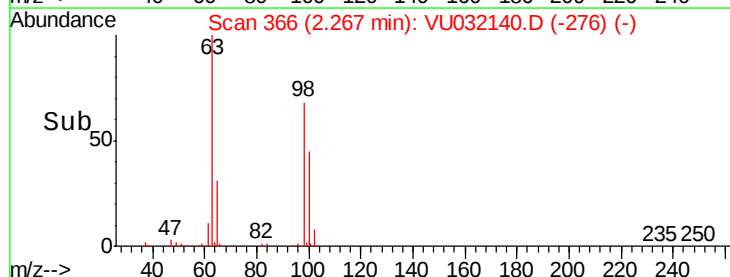
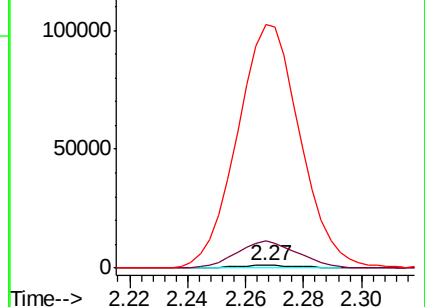
63 8472.5 152.2 282.6#

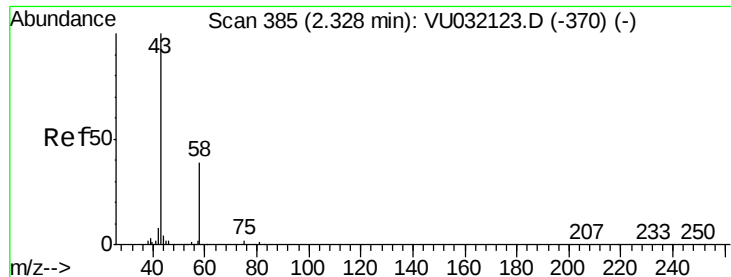


Abundance Ion 96.00 (95.70 to 96.70): VU032140.D (-276) (-)

Ion 61.05 (60.75 to 61.75): VU032140.D (-276) (-)

Ion 63.00 (62.70 to 63.70): VU032140.D (-276) (-)





#13

Acetone

Concen: 1.196 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU032140.D

Acq: 18 May 2019 08:20

Instrument :

MSVOA_U

ClientSampleId :

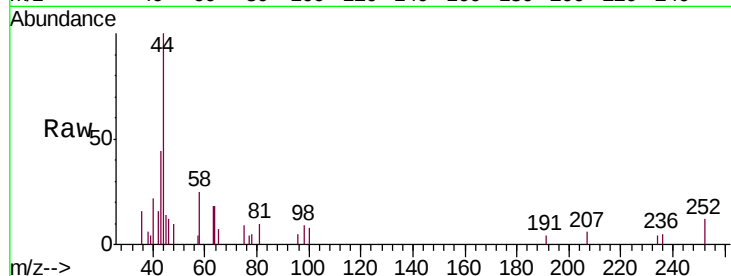
F9W48

Tgt Ion: 43 Resp: 2277

Ion Ratio Lower Upper

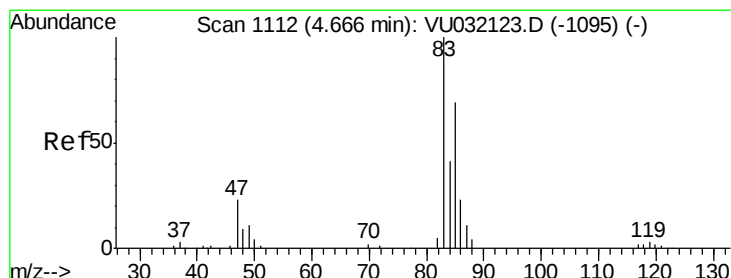
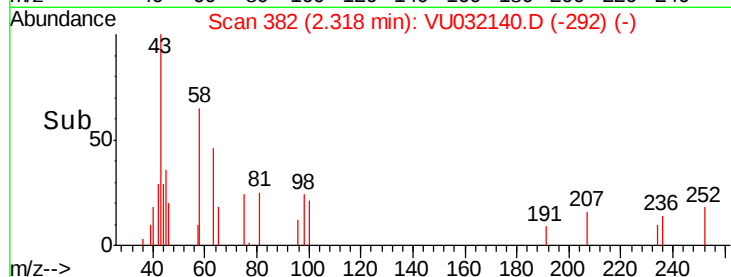
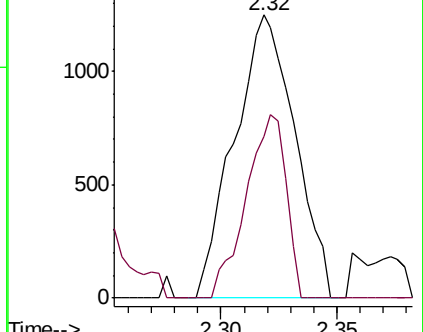
43 100

58 42.6 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032123.D (-370) (-)

Ion 58.05 (57.75 to 58.75): VU032123.D (-370) (-)



#25

Chloroform

Concen: 0.367 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU032140.D

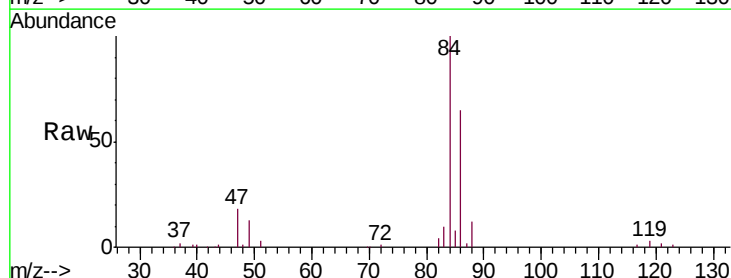
Acq: 18 May 2019 08:20

Tgt Ion: 83 Resp: 9377

Ion Ratio Lower Upper

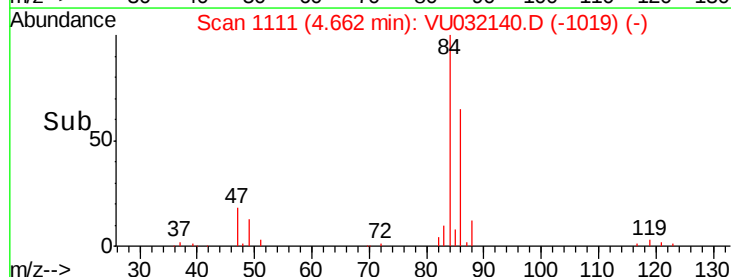
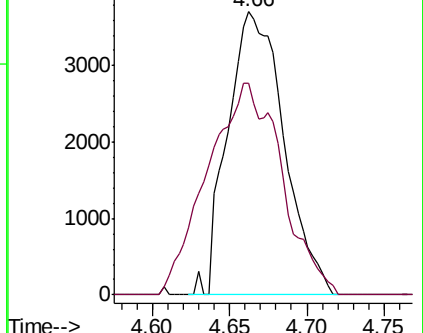
83 100

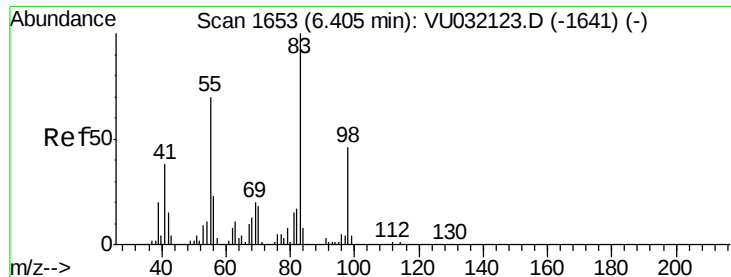
85 74.7 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU032123.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU032123.D (-1095) (-)





#35

Methylcyclohexane

Concen: 1.422 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032140.D

Acq: 18 May 2019 08:20

Instrument :

MSVOA_U

ClientSampleId :

F9W48

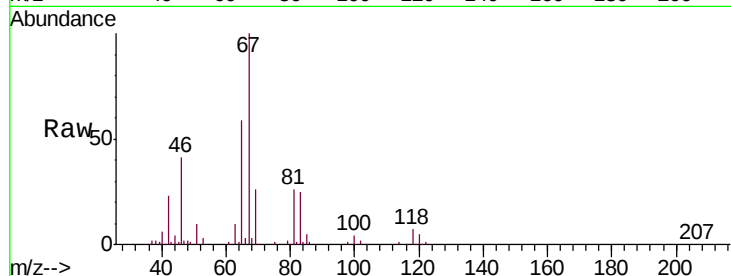
Tgt Ion: 83 Resp: 31576

Ion Ratio Lower Upper

83 100

55 0.1 59.7 89.5#

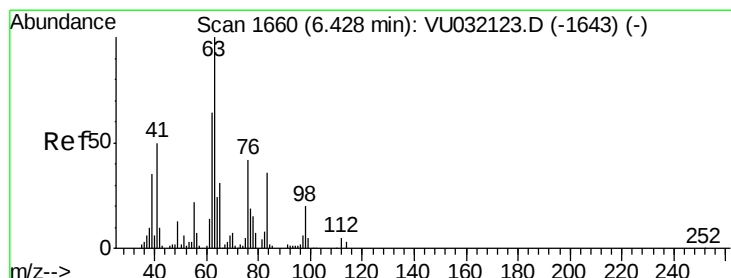
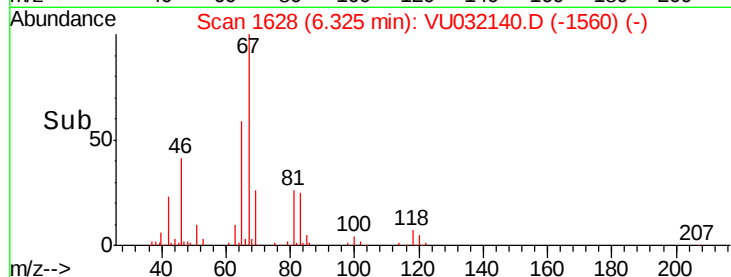
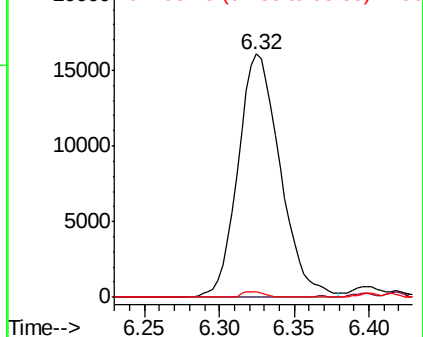
98 1.2 36.8 55.2#



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: 0.988 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032140.D

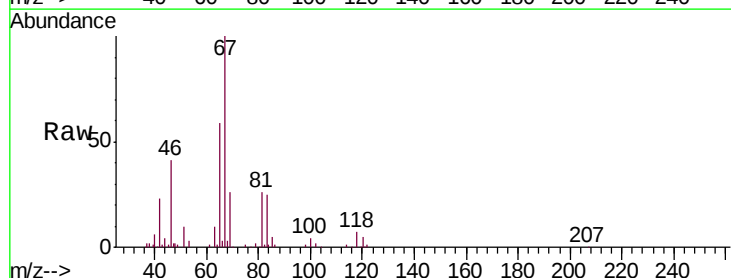
Acq: 18 May 2019 08:20

Tgt Ion: 63 Resp: 13736

Ion Ratio Lower Upper

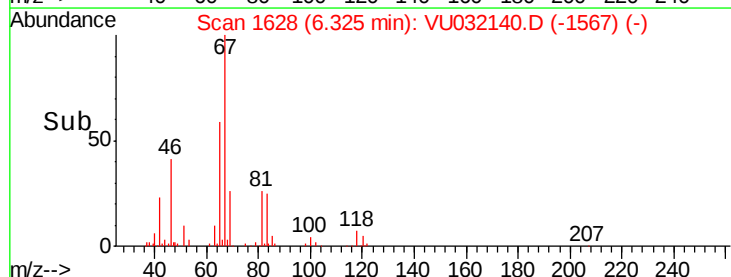
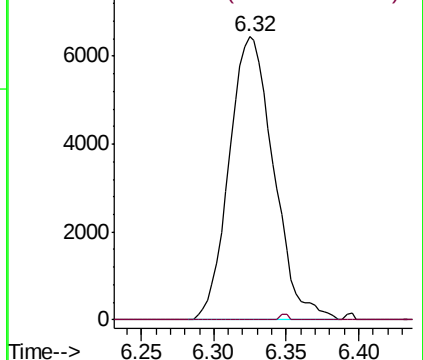
63 100

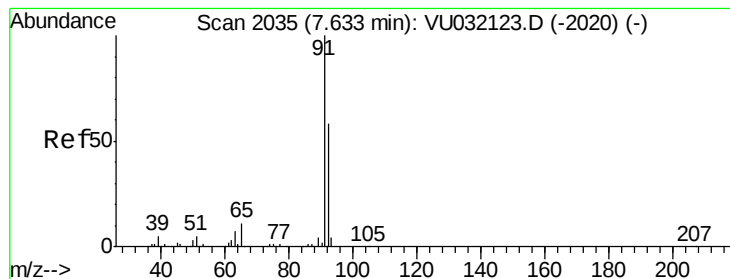
112 0.4 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.090 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU032140.D

Acq: 18 May 2019 08:20

Instrument :

MSVOA_U

ClientSampleId :

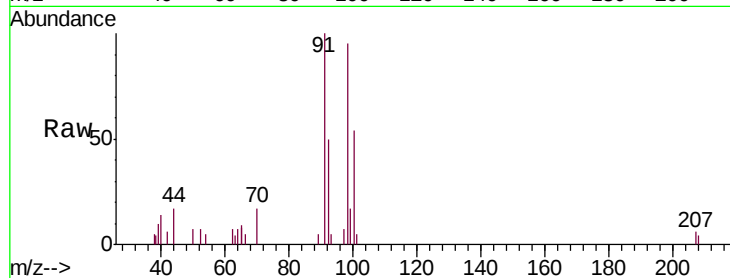
F9W48

Tgt Ion: 91 Resp: 5380

Ion Ratio Lower Upper

91 100

92 49.9 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU032123.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU032123.D (-2020) (-)

7.64

3000

2500

2000

1500

1000

500

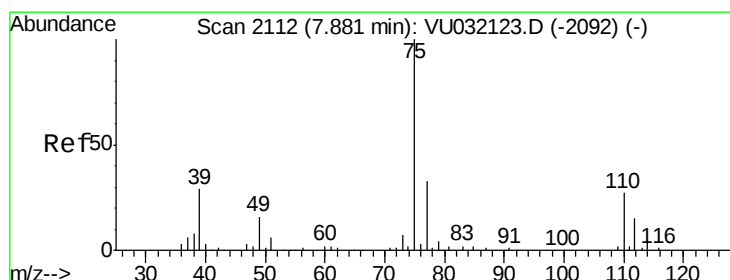
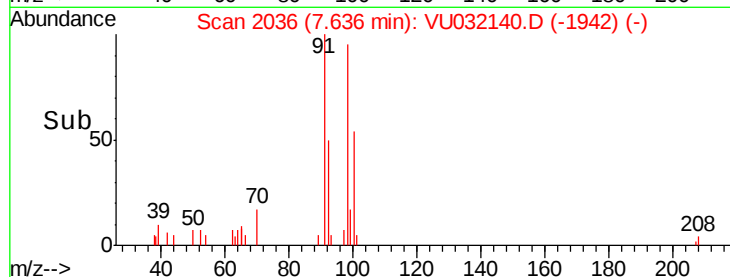
0

7.60

7.65

7.70

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.86 min Scan# 2104

Delta R.T. -0.03 min

Lab File: VU032140.D

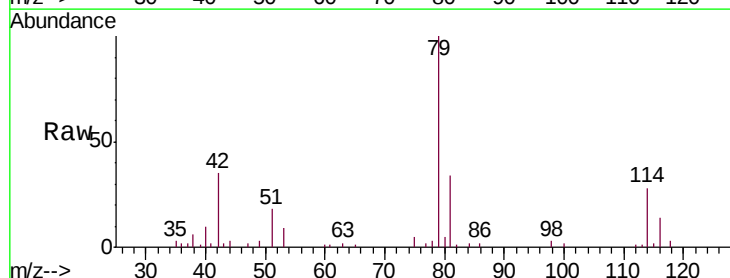
Acq: 18 May 2019 08:20

Tgt Ion: 75 Resp: 1377

Ion Ratio Lower Upper

75 100

77 47.9 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VU032123.D (-2092) (-)

Ion 77.05 (76.75 to 77.75): VU032123.D (-2092) (-)

7.86

1000

800

600

400

200

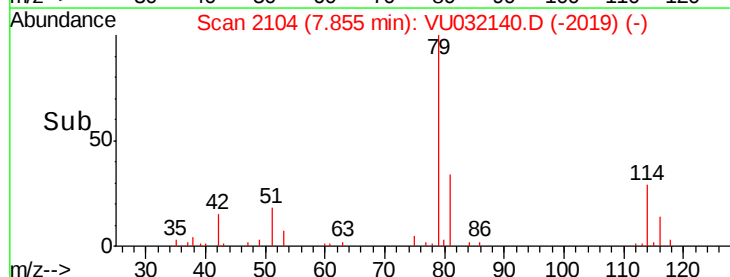
0

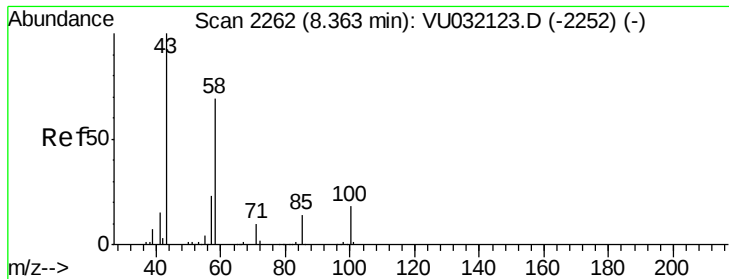
7.80

7.85

7.90

Time-->

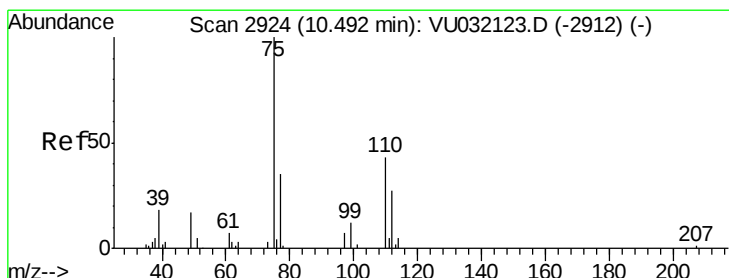
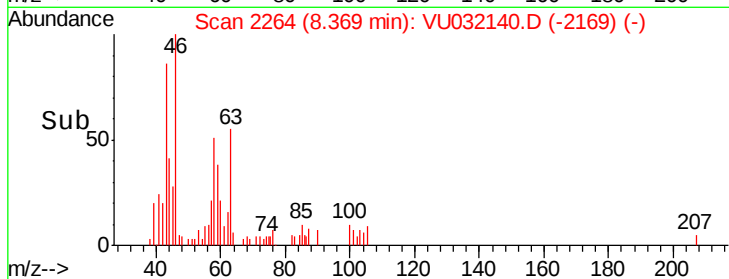
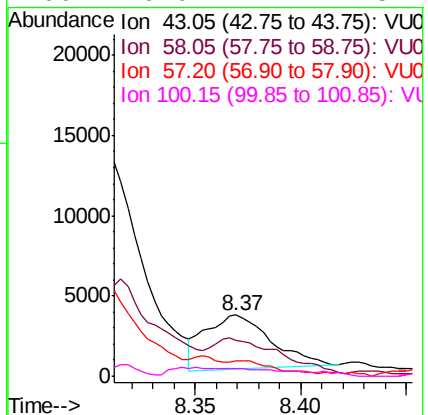
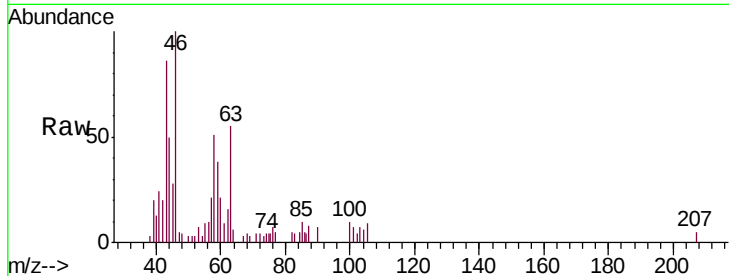




#48
 2-Hexanone
 Concen: 1.463 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU032140.D
 Acq: 18 May 2019 08:20

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W48

Tgt Ion: 43 Resp: 7313
 Ion Ratio Lower Upper
 43 100
 58 76.1 51.6 77.4
 57 18.5 18.4 27.6
 100 0.0 12.2 18.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.659 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032140.D
 Acq: 18 May 2019 08:20

Tgt Ion: 75 Resp: 14641
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.2 39.2

