

Data File : VU032224.D
Acq On : 22 May 2019 15:54
Operator : JC/SP
Sample : K2850-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TP-10

Quant Time: May 23 01:50:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	411148	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	416392	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170501	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119249	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.68	69	101242	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.27	63	177844	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.21	46	257912	39.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.20%
24) Chloroform-d	4.64	84	222280	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.40%
26) 1,2-Dichloroethane-d4	5.31	65	113668	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
32) Benzene-d6	5.33	84	476696	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.33	67	135723	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.80%
41) Toluene-d8	7.56	98	404751	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	7.85	79	46381	3.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.80%
46) 2-Hexanone-d5	8.31	63	221719	39.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110619	2.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	58.00%#
64) 1,2-Dichlorobenzene-d4	11.86	152	147830	3.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	63.00%#

Target Compounds

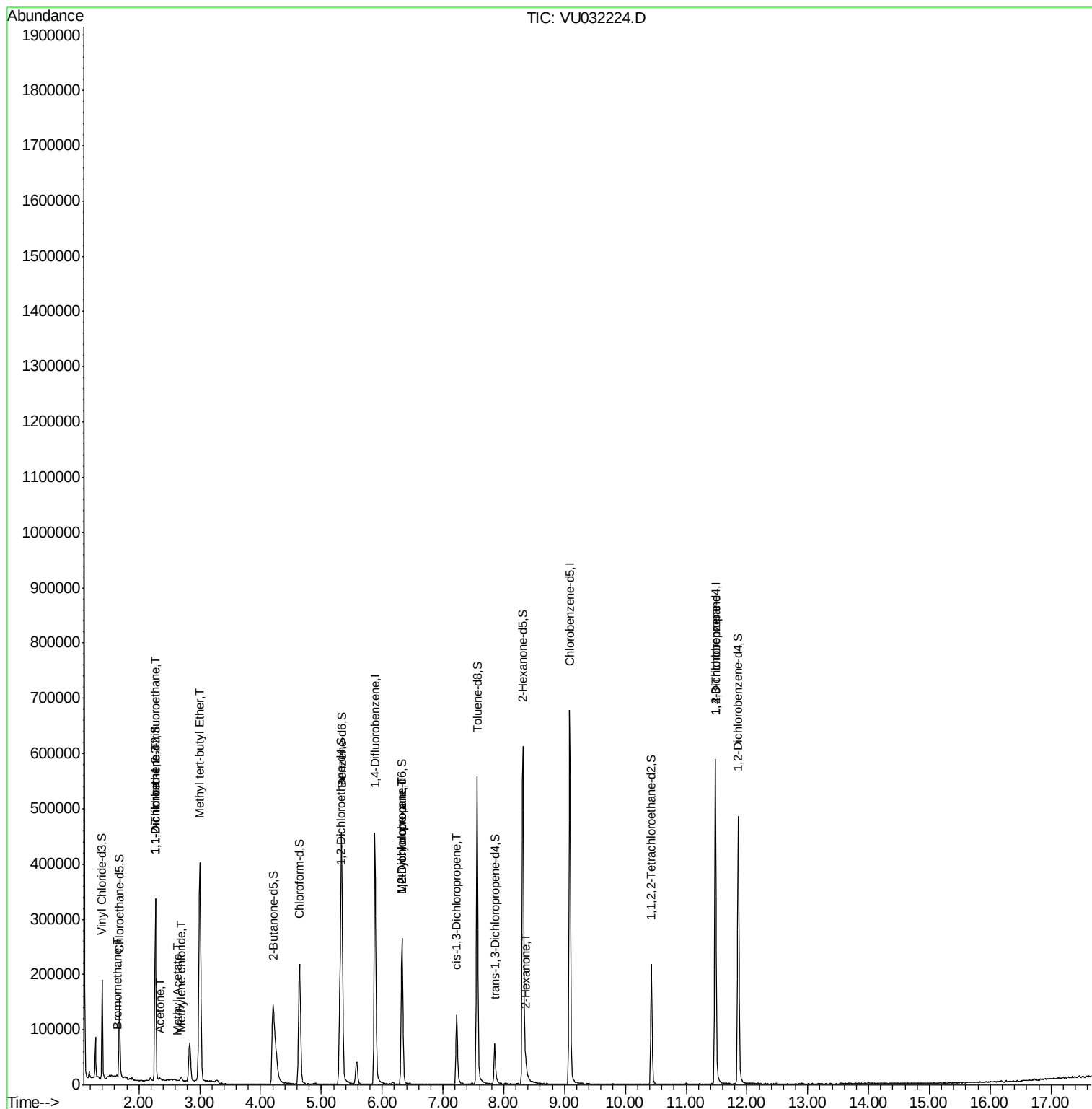
						Qvalue
6) Bromomethane	1.64	94	1710	0.152	ug/L	83
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2241	0.154	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1851	0.127	ug/L #	1
13) Acetone	2.34	43	3792	1.879	ug/L	67
15) Methyl Acetate	2.63	43	1221	0.206	ug/L #	50
16) Methylene chloride	2.69	84	3143	0.161	ug/L #	82
17) Methyl tert-butyl Ether	3.00	73	457440	13.866	ug/L	98
35) Methylcyclohexane	6.32	83	33220	1.492	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	14039	1.035	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2995	0.155	ug/L #	40
48) 2-Hexanone	8.37	43	8121	1.545	ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	17685	2.002	ug/L	93

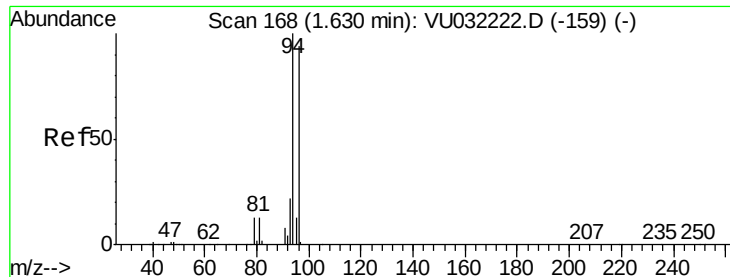
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032224.D
Acq On : 22 May 2019 15:54
Operator : JC/SP
Sample : K2850-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TP-10

Quant Time: May 23 01:50:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.152 ug/L

RT: 1.64 min Scan# 170

Delta R.T. 0.01 min

Lab File: VU032224.D

Acq: 22 May 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

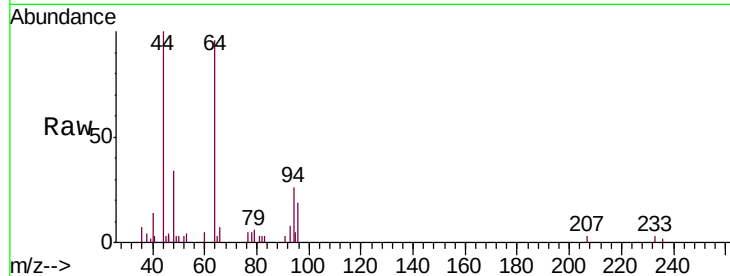
TP-10

Tgt Ion: 94 Resp: 1710

Ion Ratio Lower Upper

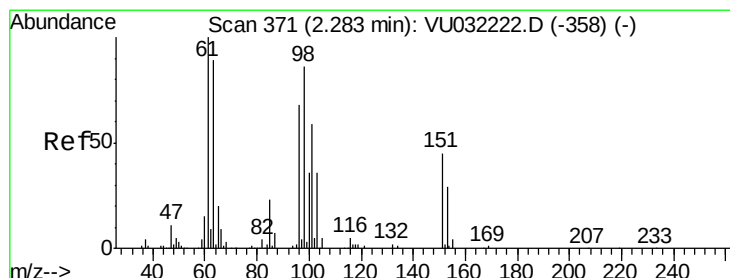
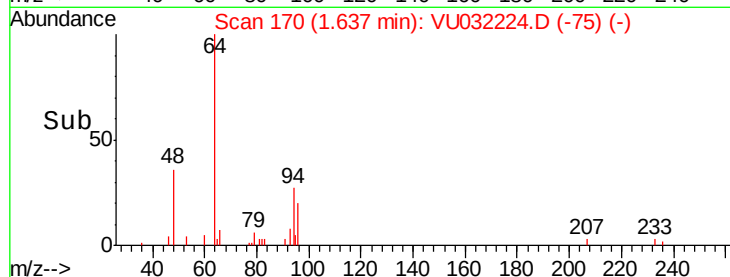
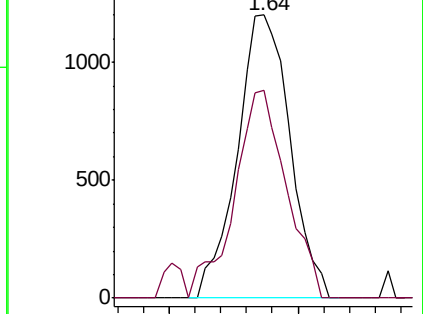
94 100

96 73.6 63.0 117.0



Abundance Ion 94.00 (93.70 to 94.70): VU032224.D (-170) (-)

Ion 96.00 (95.70 to 96.70): VU032224.D (-170) (-)



#10

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

Concen: 0.154 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU032224.D

Acq: 22 May 2019 15:54

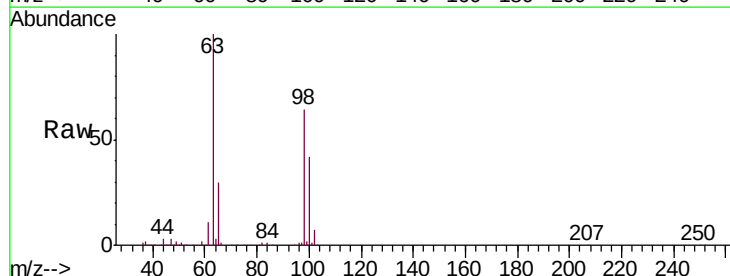
Tgt Ion: 101 Resp: 2241

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

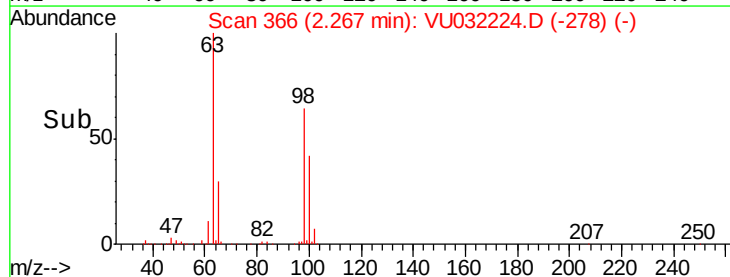
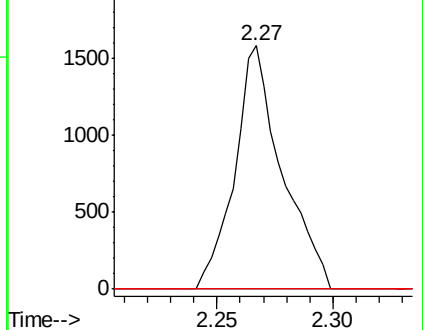
151 0.0 64.4 96.6#

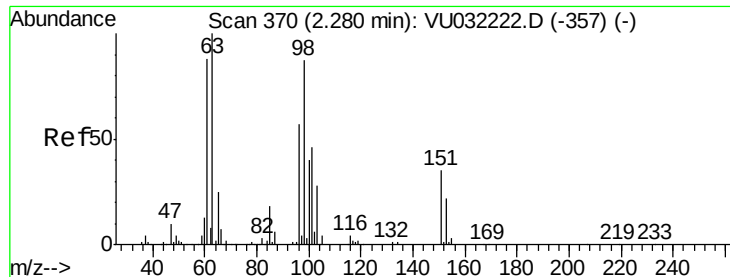


Abundance Ion 101.00 (100.70 to 101.70): VU032224.D (-366) (-)

Ion 85.00 (84.70 to 85.70): VU032224.D (-366) (-)

Ion 151.00 (150.70 to 151.70): VU032224.D (-366) (-)

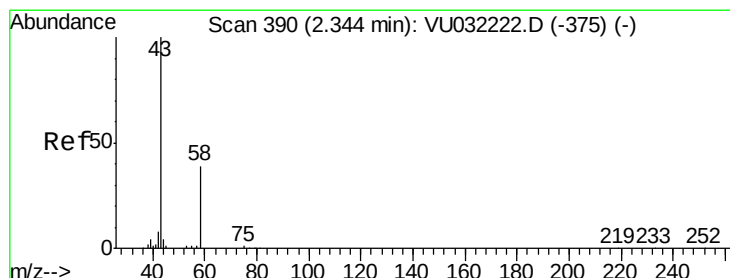
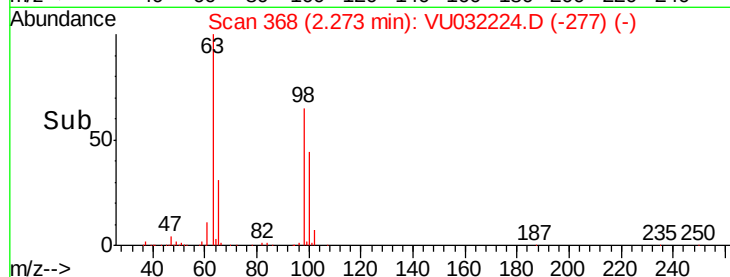
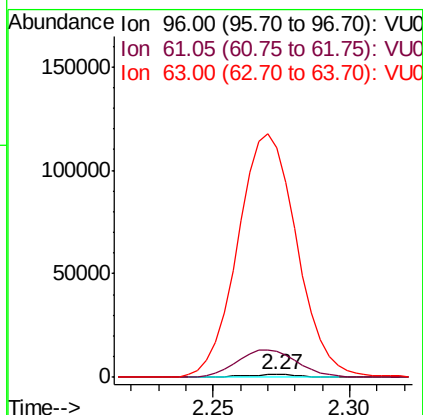
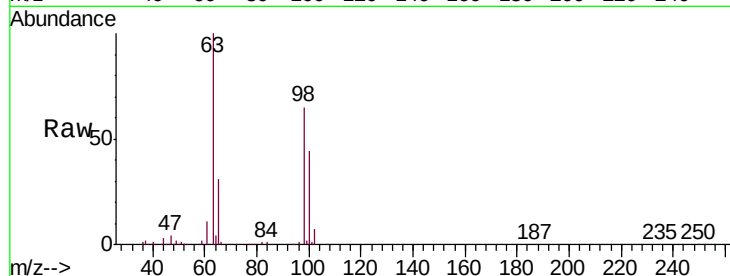




#12
 1,1-Dichloroethene
 Concen: 0.127 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU032224.D
 Acq: 22 May 2019 15:54

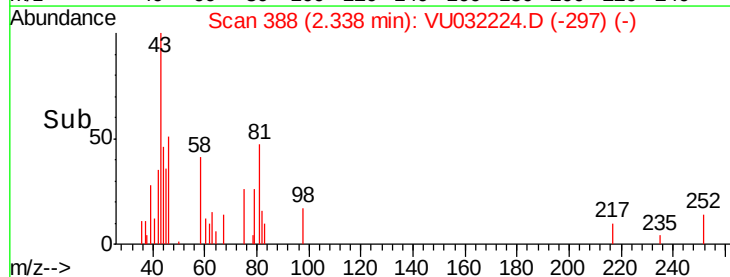
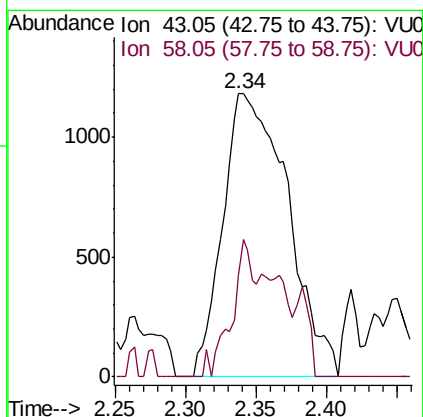
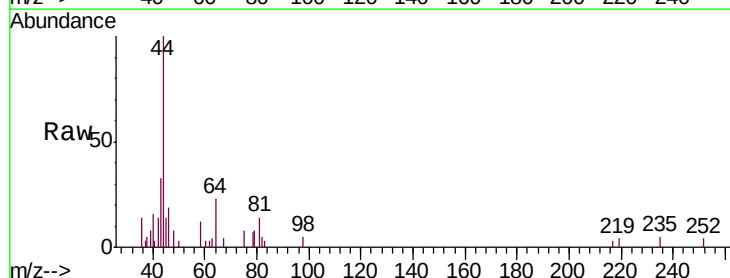
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-10

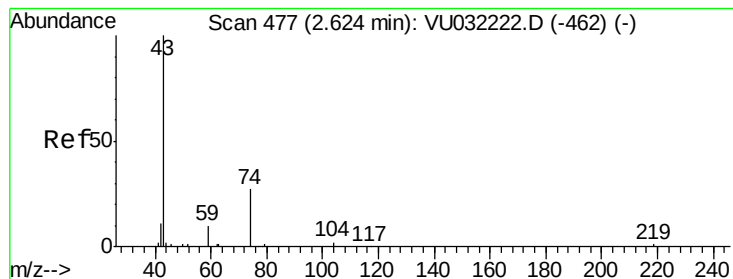
Tgt Ion: 96 Resp: 1851
 Ion Ratio Lower Upper
 96 100
 61 970.6 113.8 211.3#
 63 8665.3 108.8 202.2#



#13
 Acetone
 Concen: 1.879 ug/L
 RT: 2.34 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: VU032224.D
 Acq: 22 May 2019 15:54

Tgt Ion: 43 Resp: 3792
 Ion Ratio Lower Upper
 43 100
 58 17.0 0.0 72.6





#15

Methyl Acetate

Concen: 0.206 ug/L

RT: 2.63 min Scan# 480

Delta R.T. 0.01 min

Lab File: VU032224.D

Acq: 22 May 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

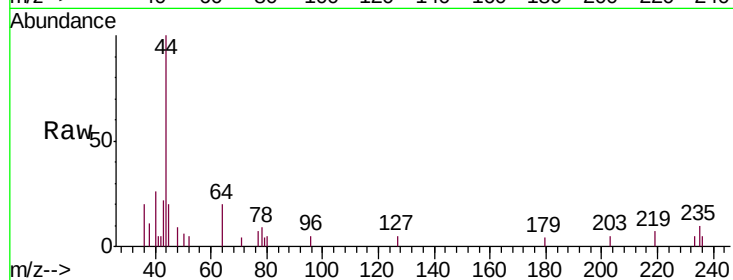
TP-10

Tgt Ion: 43 Resp: 1221

Ion Ratio Lower Upper

43 100

74 5.5 27.3 40.9#



Abundance Ion 43.05 (42.75 to 43.75): VU032222.D (-462) (-)

Ion 74.05 (73.75 to 74.75): VU032222.D (-462) (-)

2.63

2.65

2.67

2.69

2.71

2.73

2.75

2.77

2.79

2.81

2.83

2.85

2.91

2.93

2.95

2.97

2.99

3.01

3.03

3.05

3.07

3.09

3.11

3.13

3.15

3.17

3.19

3.21

3.23

3.25

3.27

3.29

3.31

3.33

3.35

3.37

3.39

3.41

3.43

3.45

3.47

3.49

3.51

3.53

3.55

3.57

3.59

3.61

3.63

3.65

3.67

3.69

3.71

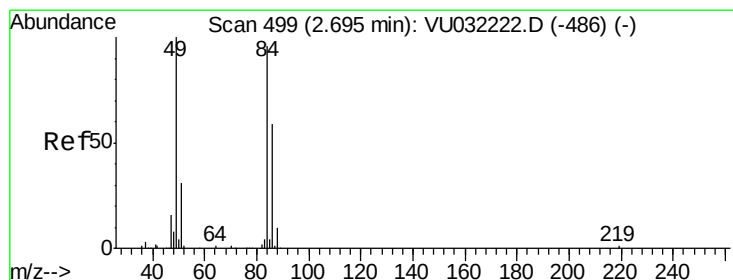
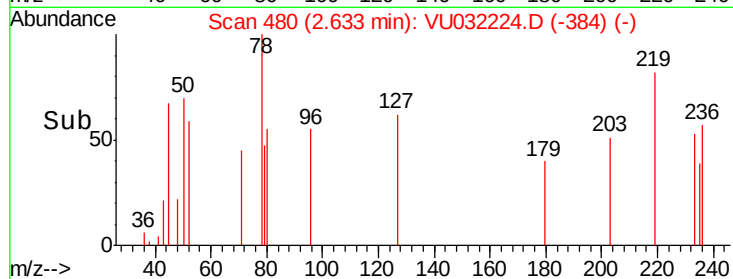
3.73

3.75

3.77

3.79

3.81



#16

Methylene chloride

Concen: 0.161 ug/L

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU032224.D

Acq: 22 May 2019 15:54

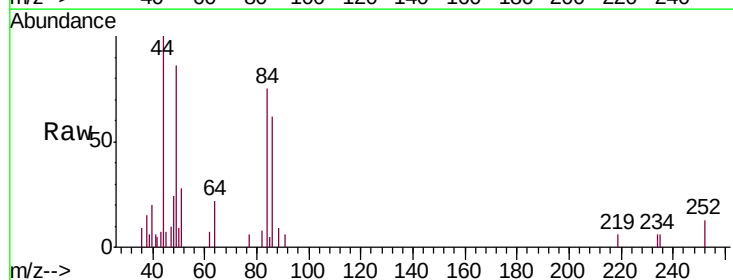
Tgt Ion: 84 Resp: 3143

Ion Ratio Lower Upper

84 100

86 82.3 43.6 81.0#

49 115.1 71.1 132.1



Abundance Ion 84.05 (83.75 to 84.75): VU032222.D (-486) (-)

Ion 86.00 (85.70 to 86.70): VU032222.D (-486) (-)

Ion 49.10 (48.80 to 49.80): VU032222.D (-486) (-)

2.69

2.71

2.73

2.75

2.77

2.79

2.81

2.83

2.85

2.87

2.89

2.91

2.93

2.95

2.97

2.99

3.01

3.03

3.05

3.07

3.09

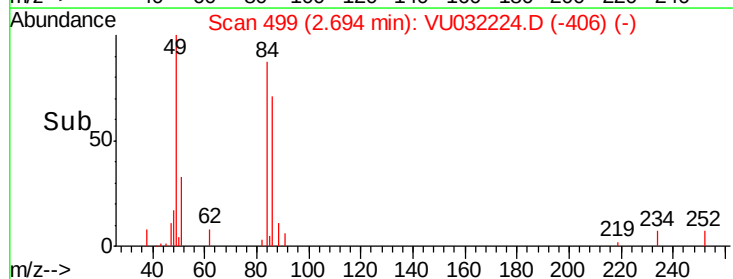
3.11

3.13

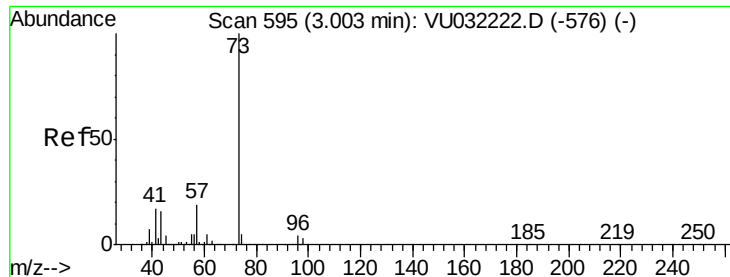
3.15

3.17

3.19



Time-->



#17

Methyl tert-butyl Ether

Concen: 13.866 ug/L

RT: 3.00 min Scan# 595

Delta R.T. -0.00 min

Lab File: VU032224.D

Acq: 22 May 2019 15:54

Instrument :

MSVOA_U

ClientSampled :

TP-10

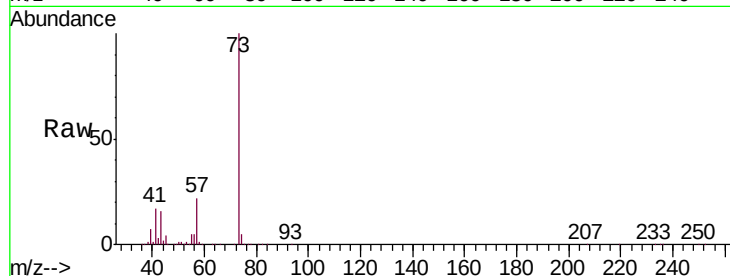
Tgt Ion: 73 Resp: 457440

Ion Ratio Lower Upper

73 100

43 16.4 13.8 20.6

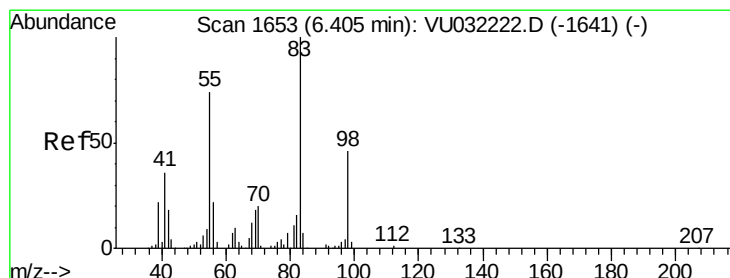
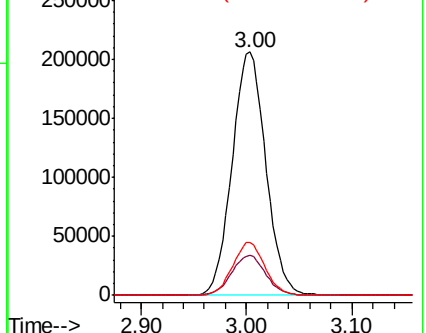
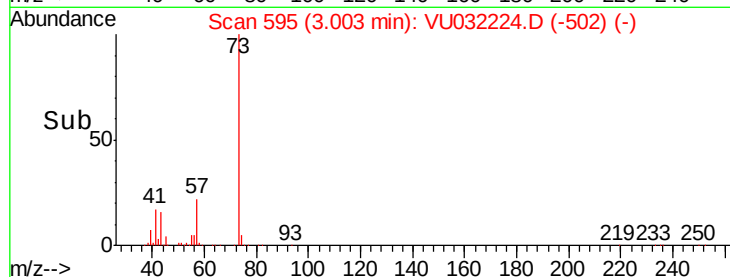
57 21.0 16.2 24.4



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: 1.492 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032224.D

Acq: 22 May 2019 15:54

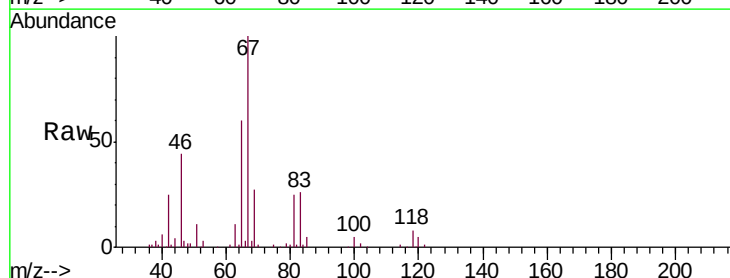
Tgt Ion: 83 Resp: 33220

Ion Ratio Lower Upper

83 100

55 0.1 59.7 89.5#

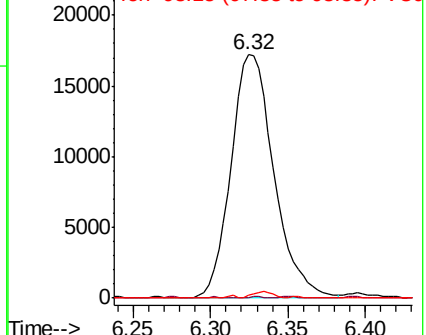
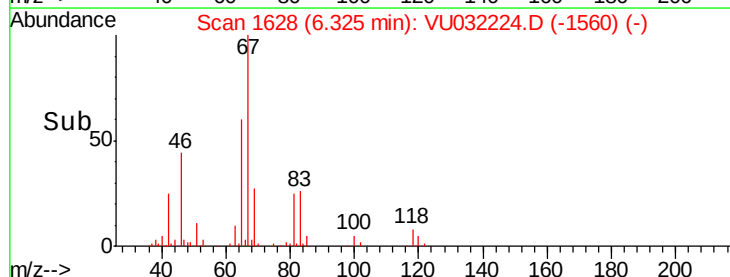
98 1.3 37.5 56.3#

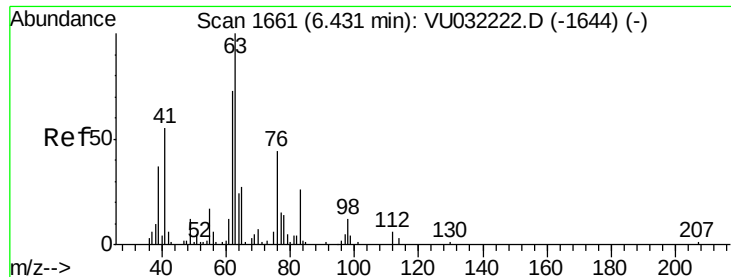


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

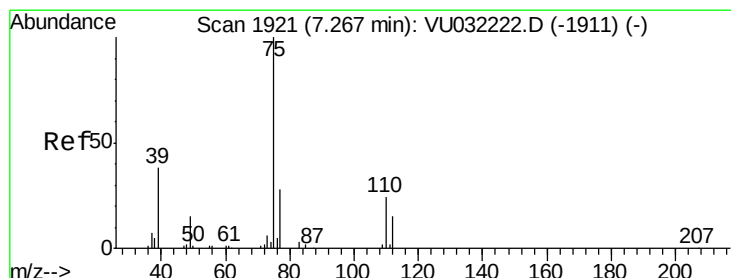
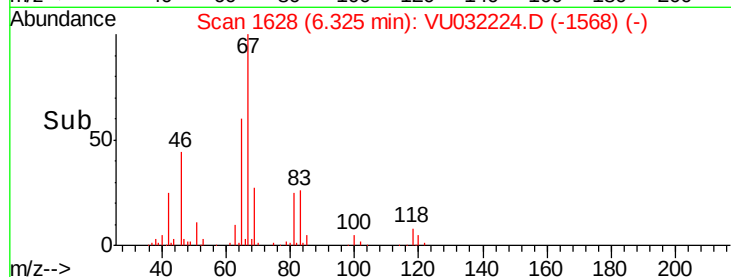
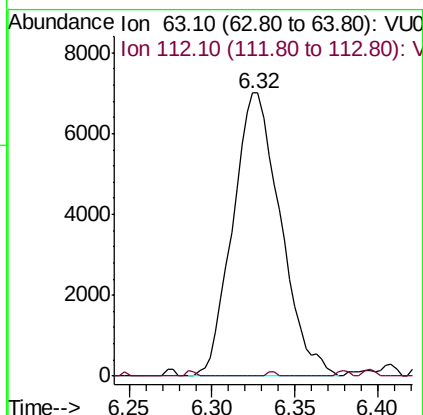
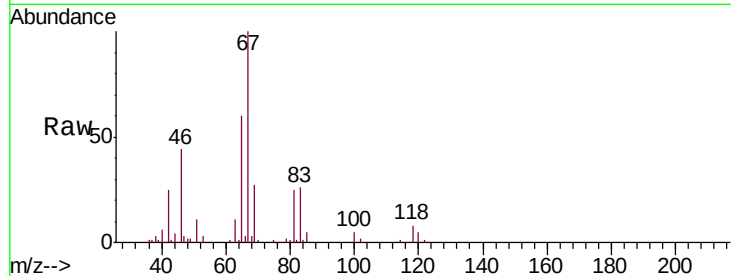




#37
 1,2-Dichloropropane
 Concen: 1.035 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU032224.D
 Acq: 22 May 2019 15:54

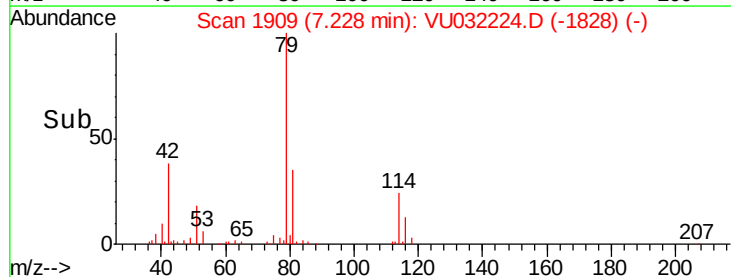
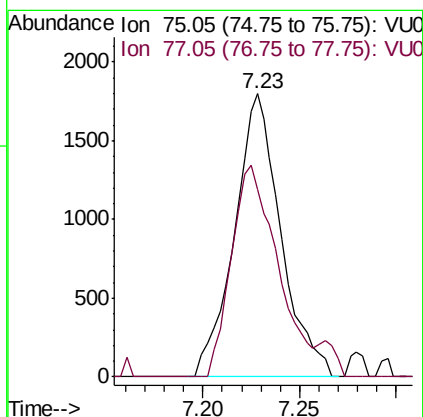
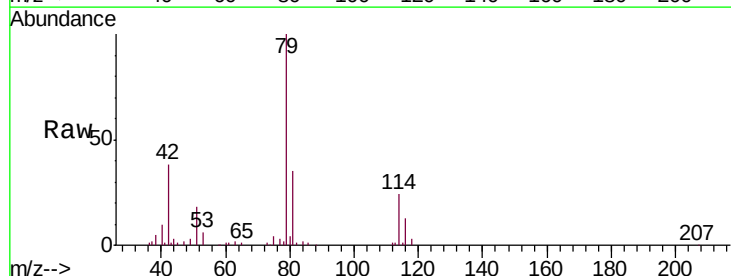
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-10

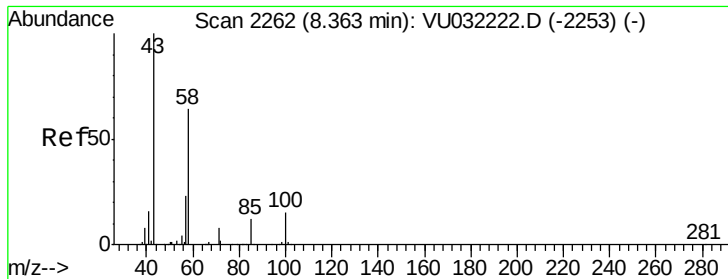
Tgt Ion: 63 Resp: 14039
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.155 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032224.D
 Acq: 22 May 2019 15:54

Tgt Ion: 75 Resp: 2995
 Ion Ratio Lower Upper
 75 100
 77 66.1 22.6 42.0#

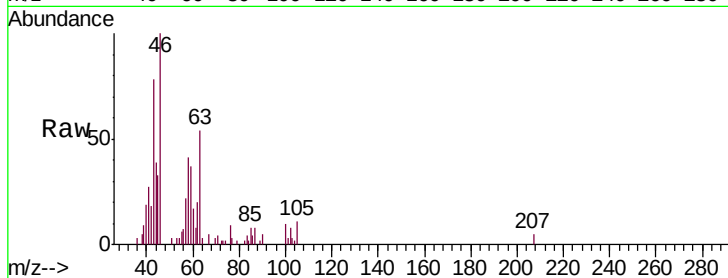




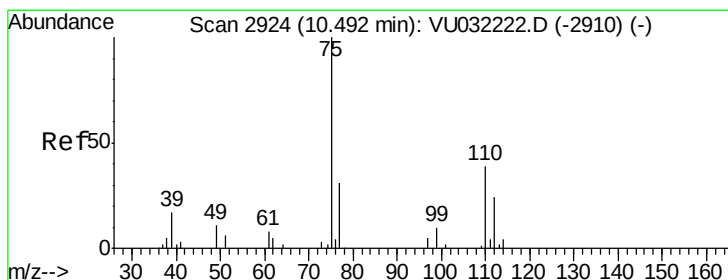
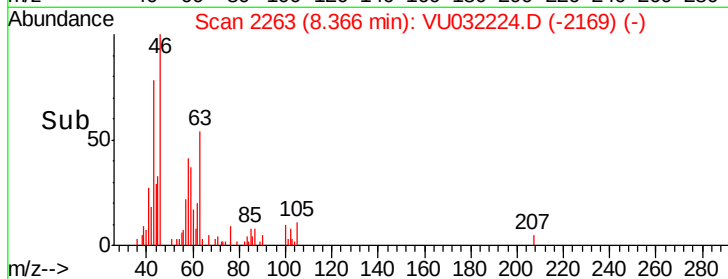
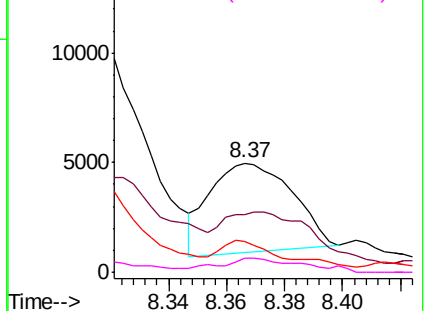
#48
 2-Hexanone
 Concen: 1.545 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU032224.D
 Acq: 22 May 2019 15:54

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-10

Tgt Ion: 43 Resp: 8121
 Ion Ratio Lower Upper
 43 100
 58 74.1 49.7 74.5
 57 31.4 17.1 25.7#
 100 15.2 11.6 17.4

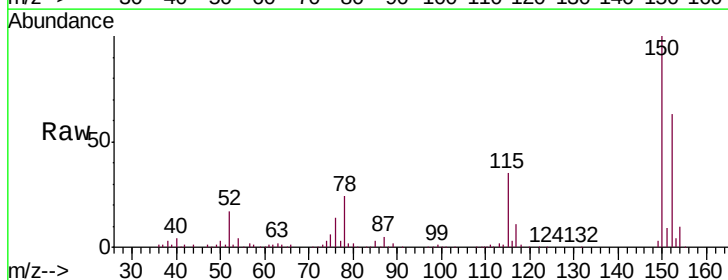


Abundance Ion 43.05 (42.75 to 43.75): VU0
 15000 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 2.002 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032224.D
 Acq: 22 May 2019 15:54

Tgt Ion: 75 Resp: 17685
 Ion Ratio Lower Upper
 75 100
 77 39.3 28.2 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 12000 Ion 77.00 (76.70 to 77.70): VU0

