

Data File : VU032690.D
Acq On : 13 Jun 2019 13:35
Operator : JC/SP
Sample : K3286-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JQ6

Quant Time: Jun 14 01:30:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:25:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	178830	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	170803	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82914	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42524	36.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.30%
7) Chloroethane-d5	1.68	69	38011	40.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.54%
11) 1,1-Dichloroethene-d2	2.27	63	67065	29.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.04%#
21) 2-Butanone-d5	4.17	46	106254	109.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.43%
24) Chloroform-d	4.64	84	97101	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
26) 1,2-Dichloroethane-d4	5.31	65	66235	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
32) Benzene-d6	5.33	84	185991	41.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.88%
36) 1,2-Dichloropropane-d6	6.32	67	62752	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.26%
41) Toluene-d8	7.56	98	169515	40.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.64%
43) trans-1,3-Dichloropropene-	7.85	79	27971	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.08%
47) 2-Hexanone-d5	8.31	63	74420	110.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98220	48.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.50%
64) 1,2-Dichlorobenzene-d4	11.85	152	73140	46.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.10%

Target Compounds

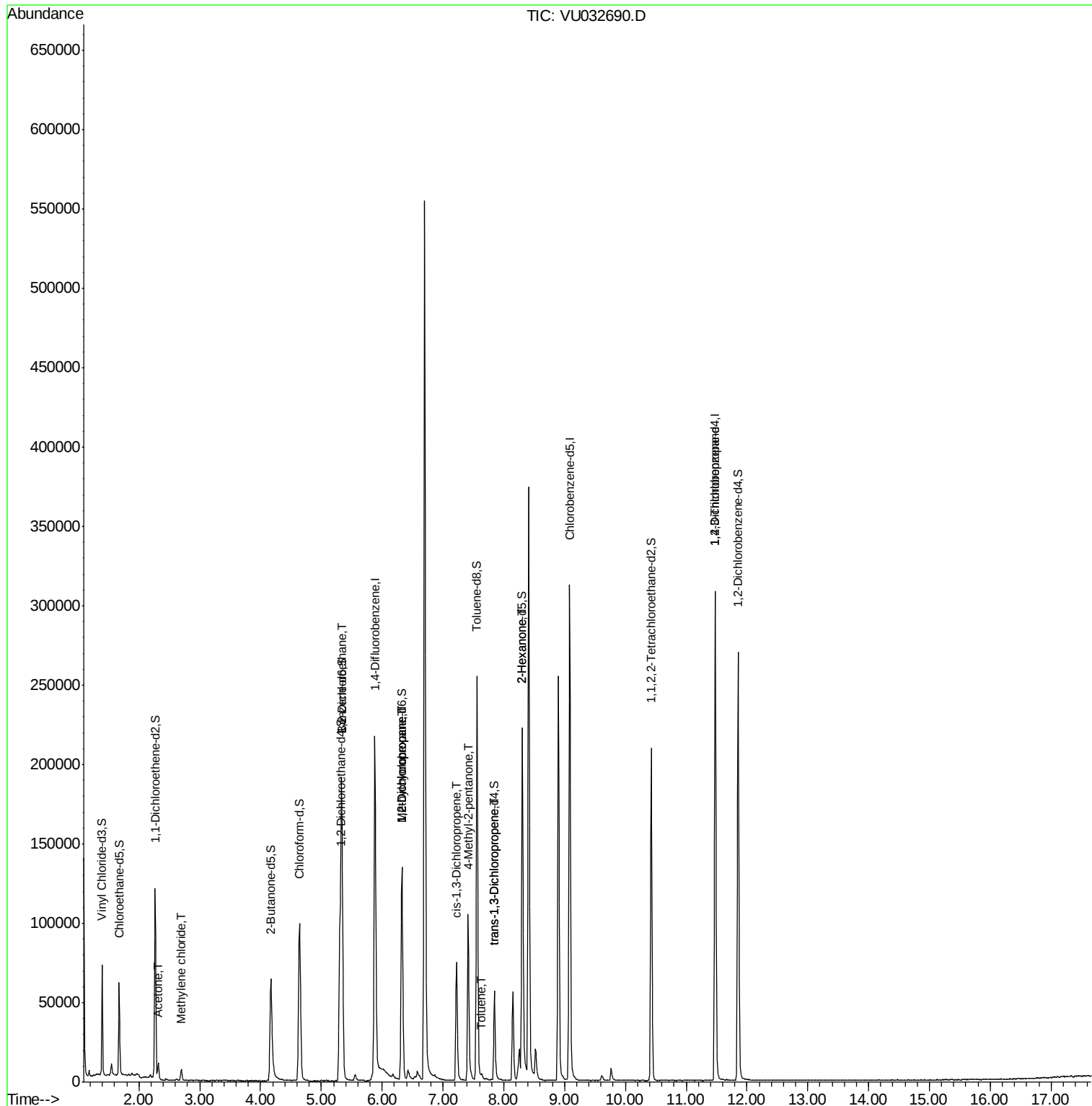
					Qvalue
13) Acetone	2.32	43	10149	10.130	ug/L 98
16) Methylene chloride	2.70	84	3189	2.634	ug/L 91
27) 1,2-Dichloroethane	5.34	62	955	0.558	ug/L # 75
35) Methylcyclohexane	6.32	83	14492	6.856	ug/L # 20
37) 1,2-Dichloropropane	6.32	63	7668	6.028	ug/L # 88
39) cis-1,3-Dichloropropene	7.22	75	2089	1.041	ug/L # 71
40) 4-Methyl-2-pentanone	7.41	43	38161	18.646	ug/L # 52
42) Toluene	7.64	91	2204	0.419	ug/L 92
44) trans-1,3-Dichloropropene	7.85	75	1352	0.759	ug/L # 82
48) 2-Hexanone	8.31	43	12767	7.595	ug/L # 63
59) 1,2,3-Trichloropropane	11.48	75	9751	5.896	ug/L 89

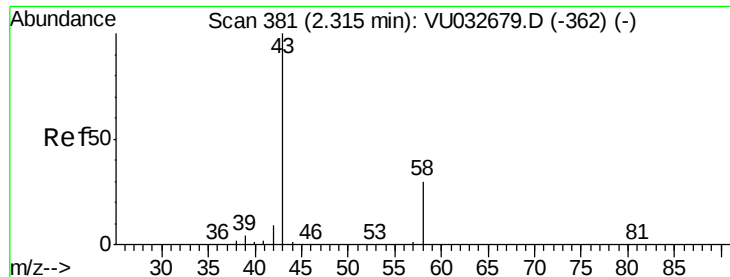
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 14 01:25:52 2019
Response via : Initial Calibration





#13

Acetone

Concen: 10.130 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032690.D

Acq: 13 Jun 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

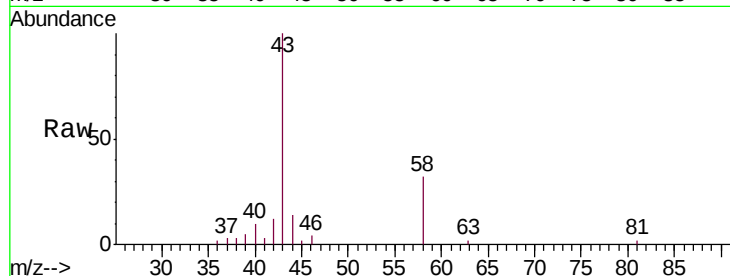
C0JQ6

Tgt Ion: 43 Resp: 10149

Ion Ratio Lower Upper

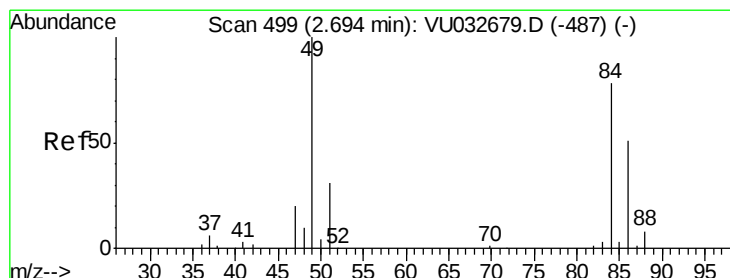
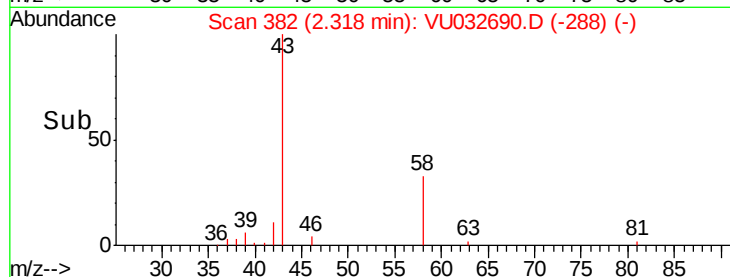
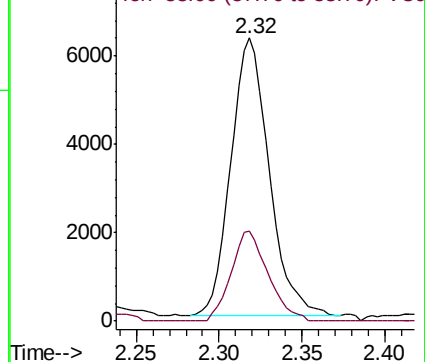
43 100

58 31.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032679.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032679.D (-362) (-)



#16

Methylene chloride

Concen: 2.634 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU032690.D

Acq: 13 Jun 2019 13:35

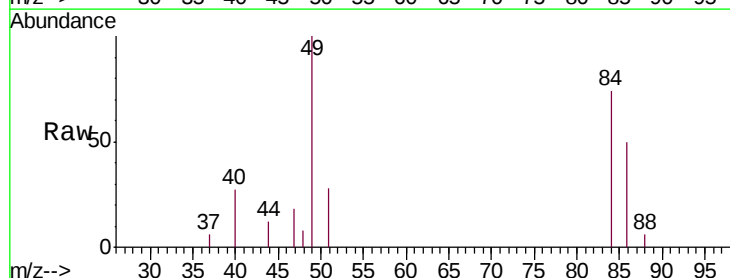
Tgt Ion: 84 Resp: 3189

Ion Ratio Lower Upper

84 100

86 67.8 44.7 82.9

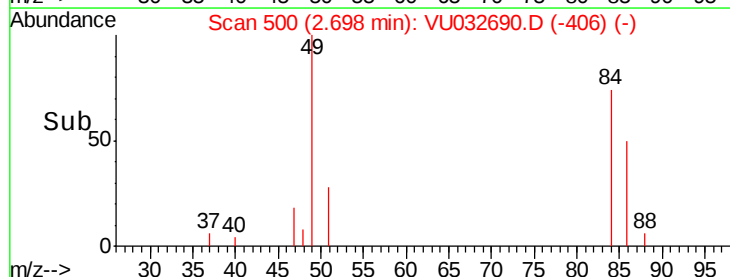
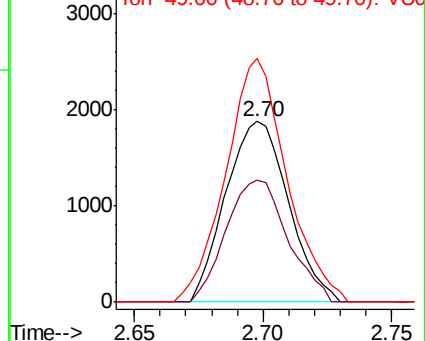
49 134.7 86.1 159.9

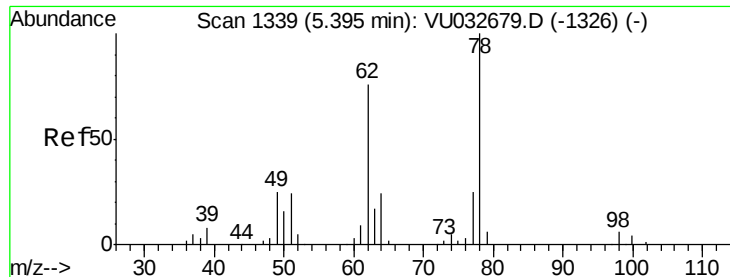


Abundance Ion 84.00 (83.70 to 84.70): VU032679.D (-487) (-)

Ion 86.00 (85.70 to 86.70): VU032679.D (-487) (-)

Ion 49.00 (48.70 to 49.70): VU032679.D (-487) (-)





#27

1,2-Dichloroethane

Concen: 0.558 ug/L

RT: 5.34 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VU032690.D

Acq: 13 Jun 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

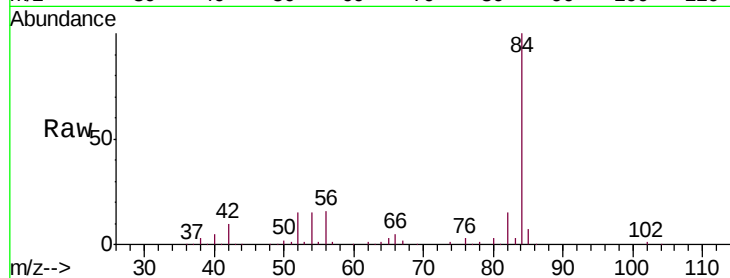
C0JQ6

Tgt Ion: 62 Resp: 955

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032679.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU032679.D (-1326) (-)

5.34

5.35

5.36

5.37

5.38

5.39

5.40

5.41

5.42

5.43

5.44

5.45

5.46

5.47

5.48

5.49

5.50

5.51

5.52

5.53

5.54

5.55

5.56

5.57

5.58

5.59

5.60

5.61

5.62

5.63

5.64

5.65

5.66

5.67

5.68

5.69

5.70

5.71

5.72

5.73

5.74

5.75

5.76

5.77

5.78

5.79

5.80

5.81

5.82

5.83

5.84

5.85

5.86

5.87

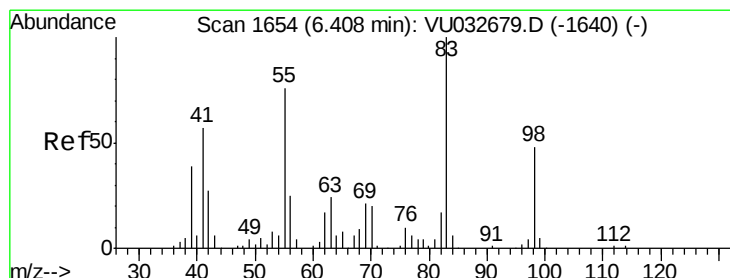
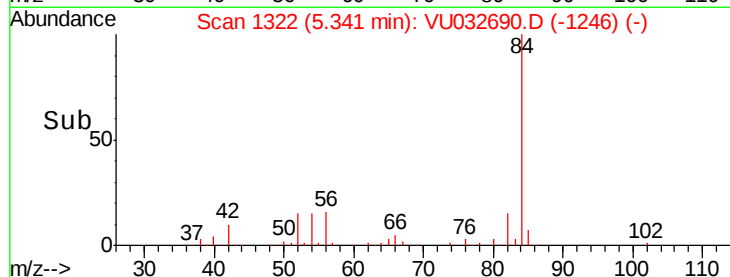
5.88

5.89

5.90

5.91

5.92



#35

Methylcyclohexane

Concen: 6.856 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032690.D

Acq: 13 Jun 2019 13:35

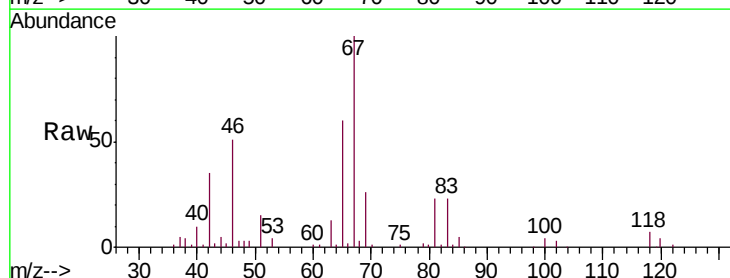
Tgt Ion: 83 Resp: 14492

Ion Ratio Lower Upper

83 100

55 0.8 60.2 90.4#

98 1.1 37.4 56.2#



Abundance Ion 83.00 (82.70 to 83.70): VU032679.D (-1640) (-)

Ion 55.00 (54.70 to 55.70): VU032679.D (-1640) (-)

Ion 98.00 (97.70 to 98.70): VU032679.D (-1640) (-)

6.32

6.33

6.34

6.35

6.36

6.37

6.38

6.39

6.40

6.41

6.42

6.43

6.44

6.45

6.46

6.47

6.48

6.49

6.50

6.51

6.52

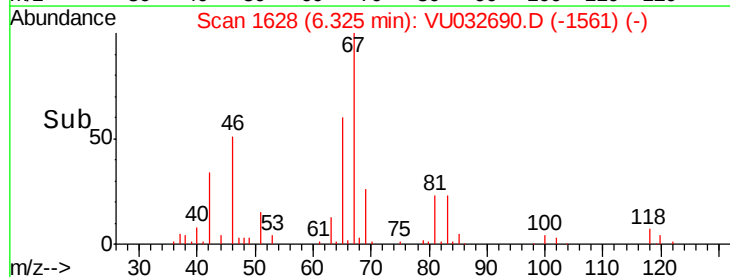
6.53

6.54

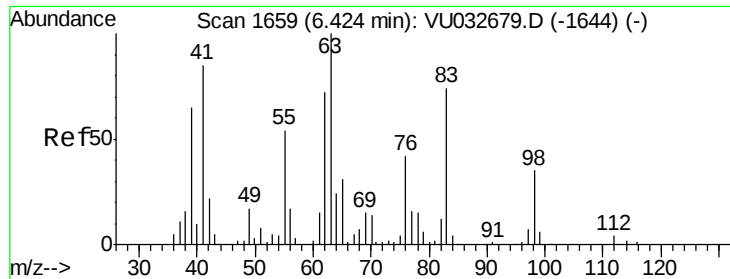
6.55

6.56

6.57



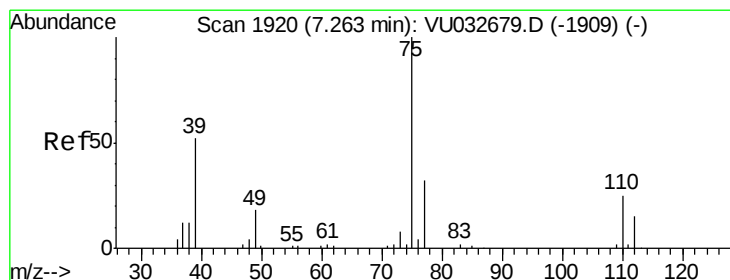
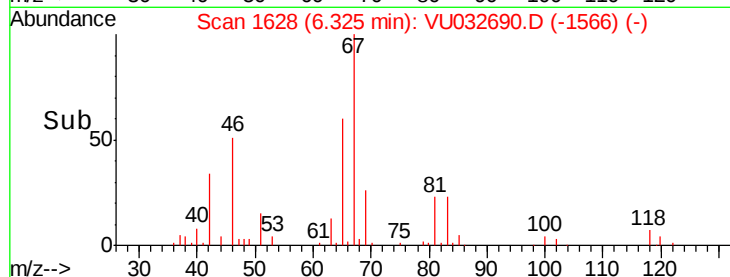
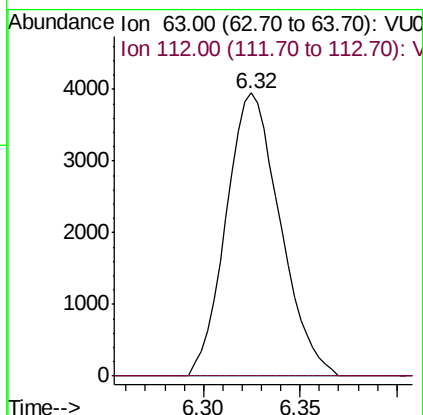
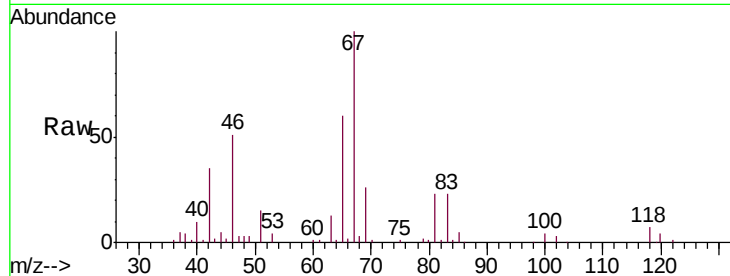
Time-->



#37
 1,2-Dichloropropane
 Concen: 6.028 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032690.D
 Acq: 13 Jun 2019 13:35

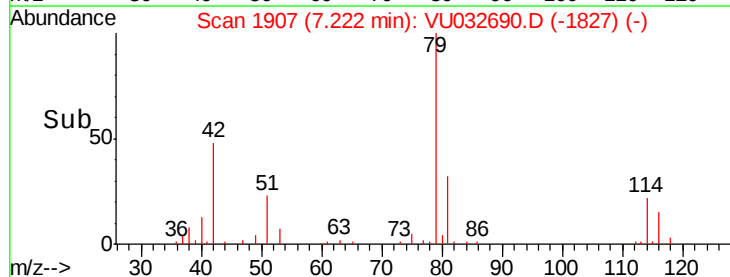
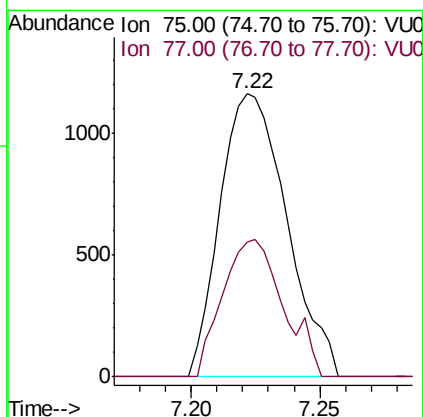
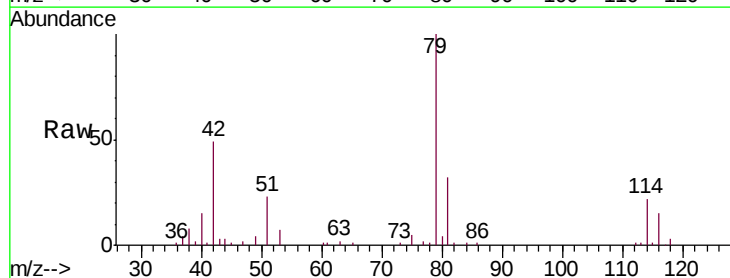
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JQ6

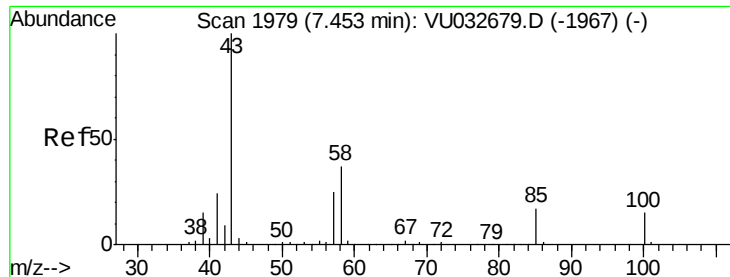
Tgt Ion: 63 Resp: 7668
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.041 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032690.D
 Acq: 13 Jun 2019 13:35

Tgt Ion: 75 Resp: 2089
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.0 41.0#

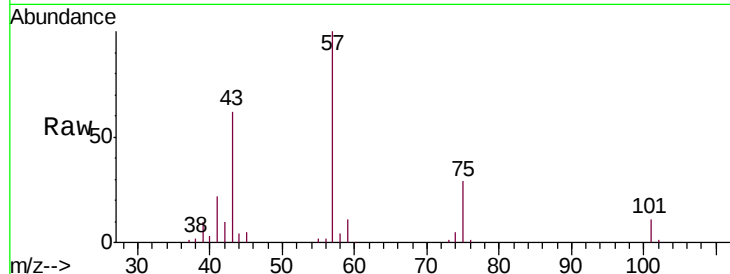




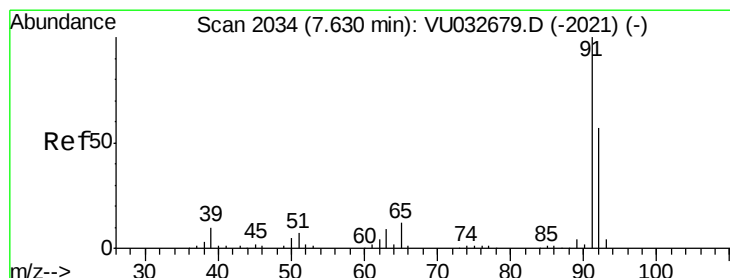
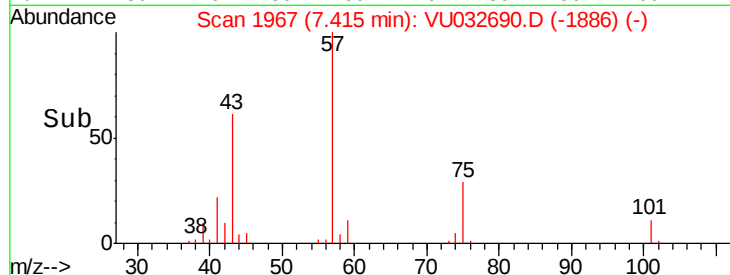
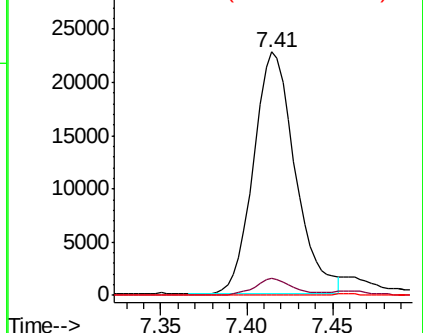
#40
4-Methyl-2-pentanone
Concen: 18.646 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. -0.04 min
Lab File: VU032690.D
Acq: 13 Jun 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
C0JQ6

Tgt Ion: 43 Resp: 38161
Ion Ratio Lower Upper
43 100
58 6.3 30.8 46.2#
100 0.0 12.1 18.1#

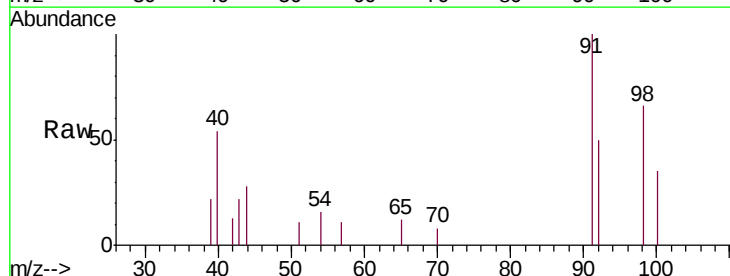


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

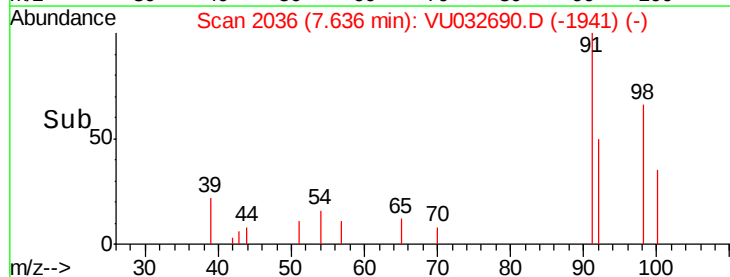
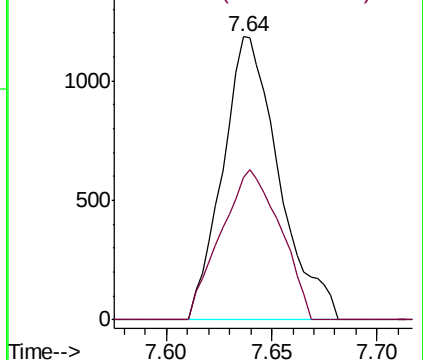


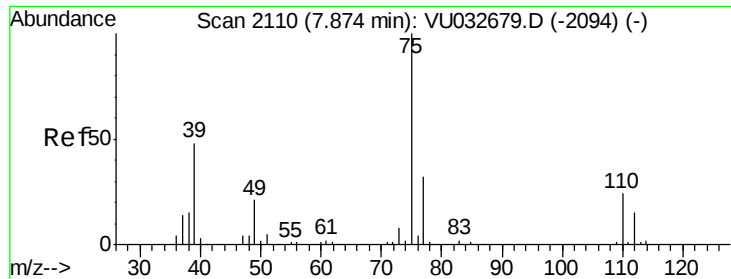
#42
Toluene
Concen: 0.419 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.01 min
Lab File: VU032690.D
Acq: 13 Jun 2019 13:35

Tgt Ion: 91 Resp: 2204
Ion Ratio Lower Upper
91 100
92 50.5 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.759 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032690.D

Acq: 13 Jun 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

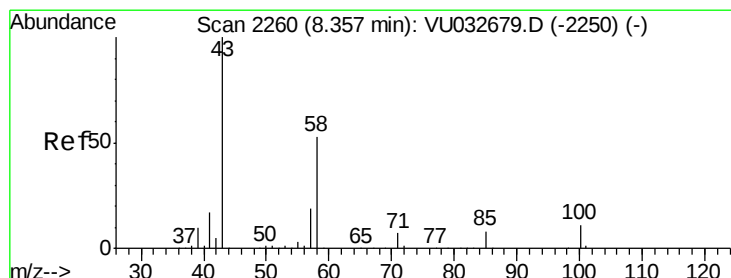
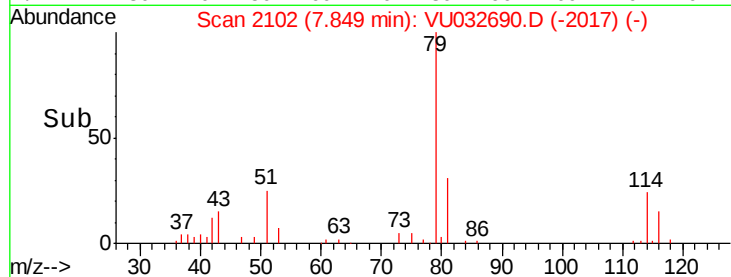
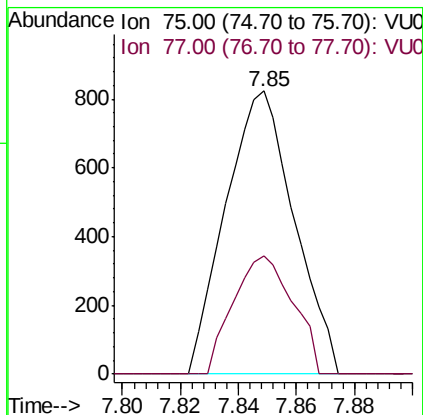
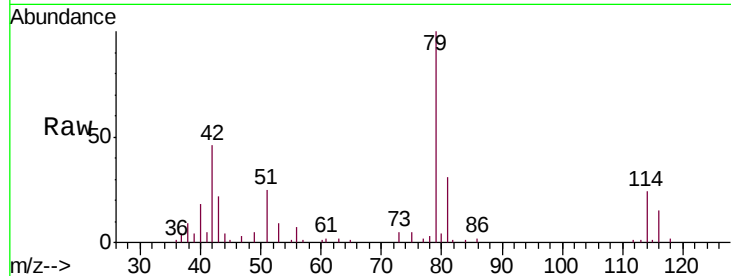
C0JQ6

Tgt Ion: 75 Resp: 1352

Ion Ratio Lower Upper

75 100

77 41.8 22.1 41.1#



#48

2-Hexanone

Concen: 7.595 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU032690.D

Acq: 13 Jun 2019 13:35

Tgt Ion: 43 Resp: 12767

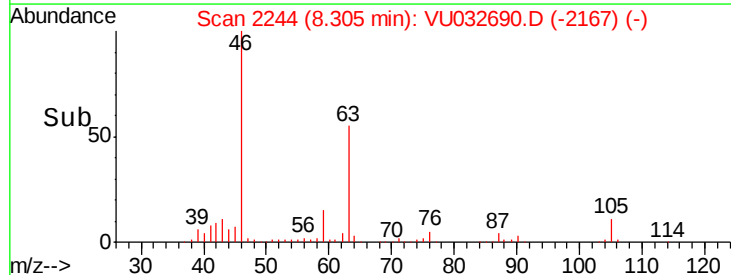
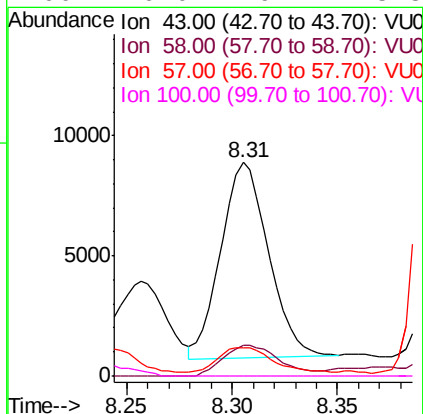
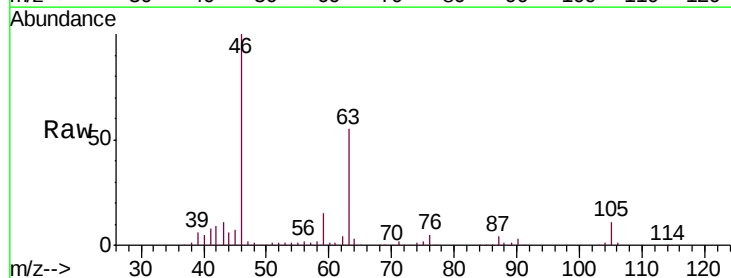
Ion Ratio Lower Upper

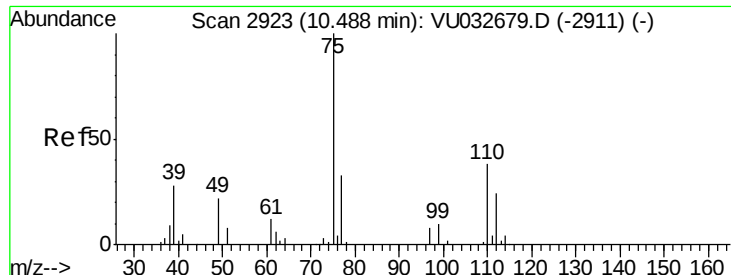
43 100

58 18.5 42.0 63.0#

57 14.7 14.6 22.0

100 0.0 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 5.896 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032690.D

Acq: 13 Jun 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

C0JQ6

Tgt Ion: 75 Resp: 9751

Ion Ratio Lower Upper

75 100

77 38.1 25.6 38.4

