

Data File : VU029726.D
Acq On : 28 Feb 2019 10:32
Operator : JC/SP
Sample : K1577-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK11

Quant Time: Mar 01 00:22:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	263546	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	250442	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	126308	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73255	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.68	69	69092	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.27	63	112496	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.19	46	203190	52.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.42%
24) Chloroform-d	4.64	84	149595	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.31	65	77291	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.34	84	313961	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.33	67	98456	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.56	98	283345	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.85	79	36543	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.31	63	194058	51.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80401	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	117848	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	1660	0.093 ug/L	98
6) Bromomethane	1.63	94	1024	0.082 ug/L	81
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1252	0.061 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1290	0.066 ug/L #	1
13) Acetone	2.32	43	13983	5.002 ug/L	96
25) Chloroform	4.66	83	1824	0.055 ug/L #	22
27) 1,2-Dichloroethane	5.40	62	1071	0.055 ug/L #	74
35) Methylcyclohexane	6.33	83	22581	0.754 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	9687	0.581 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2152	0.088 ug/L #	45
42) Toluene	7.64	91	6918	0.092 ug/L	97
48) 2-Hexanone	8.37	43	3874	0.565 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	12893	1.158 ug/L #	86
65) 1,2-Dichlorobenzene	11.88	146	2223	0.057 ug/L #	81
69) Naphthalene	13.76	128	3589	0.085 ug/L #	81

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration

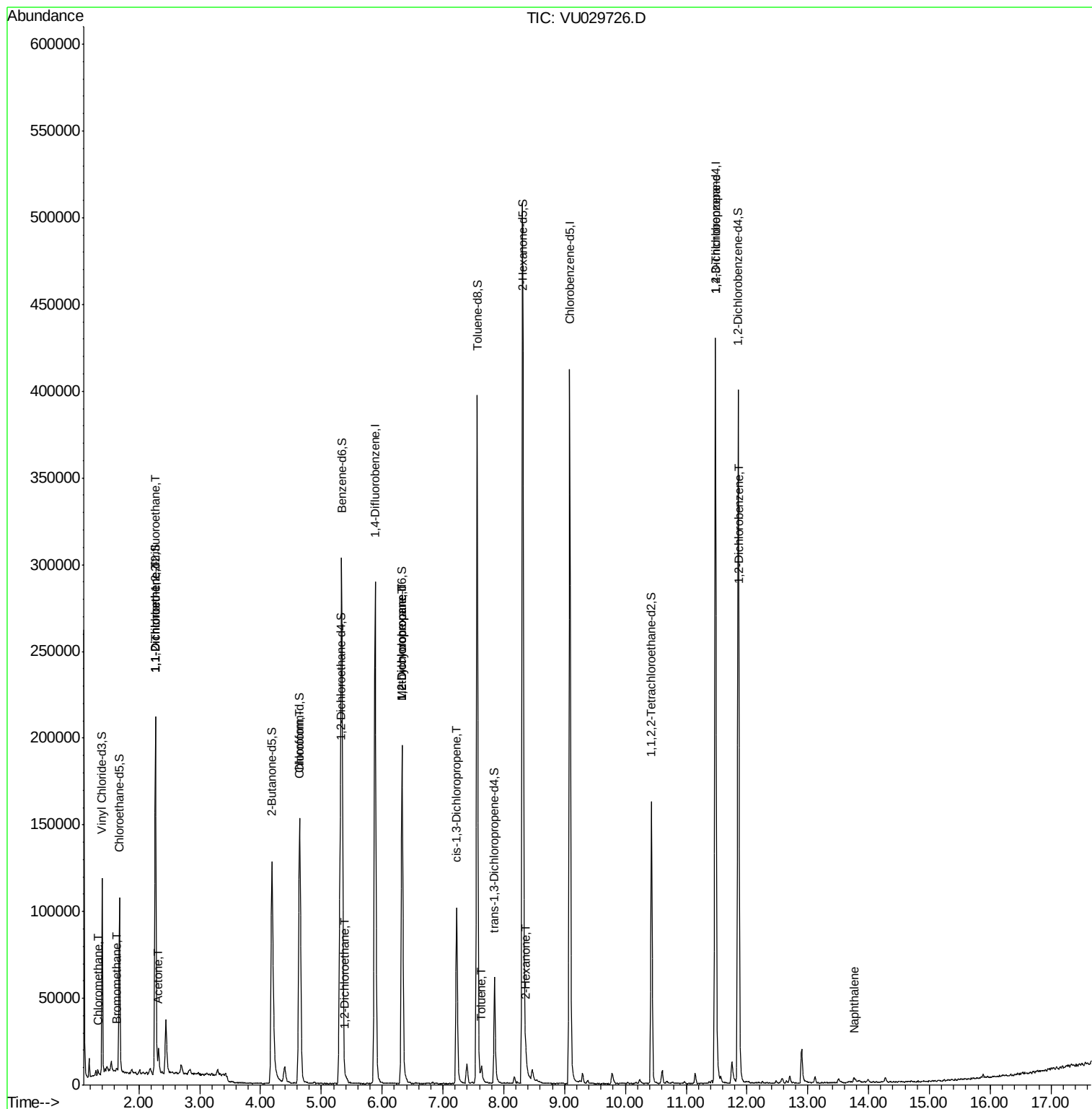
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

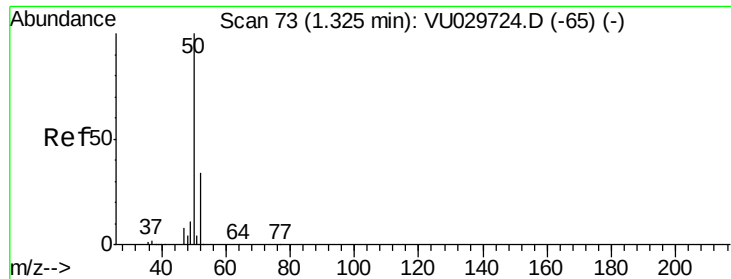
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.093 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU029726.D

Acq: 28 Feb 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

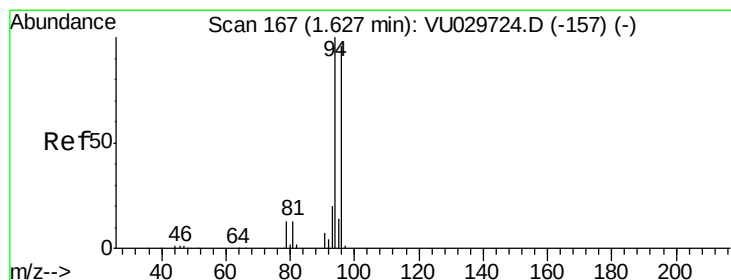
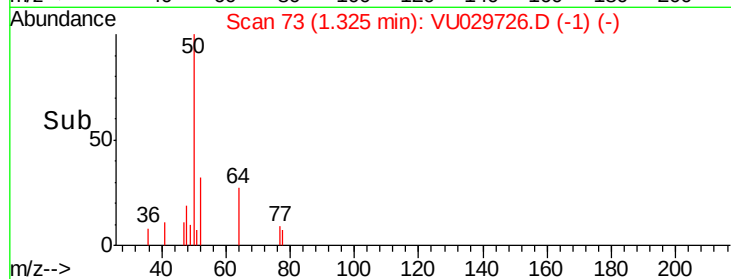
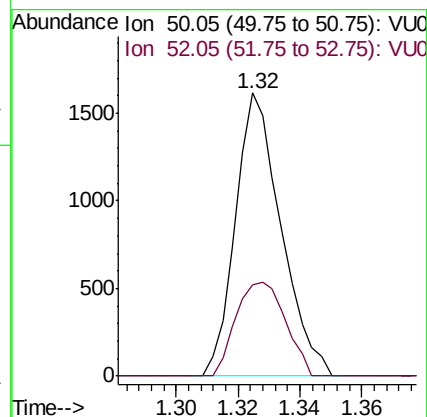
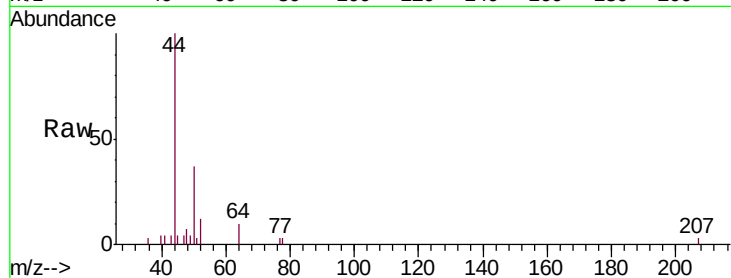
CWK11

Tgt Ion: 50 Resp: 1660

Ion Ratio Lower Upper

50 100

52 32.4 23.5 43.7



#6

Bromomethane

Concen: 0.082 ug/L

RT: 1.63 min Scan# 168

Delta R.T. 0.00 min

Lab File: VU029726.D

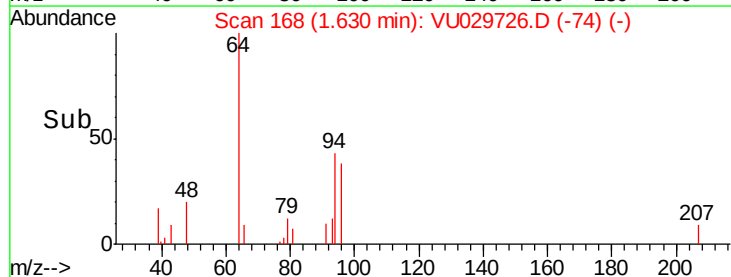
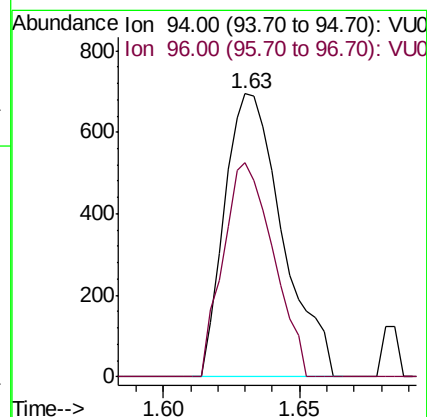
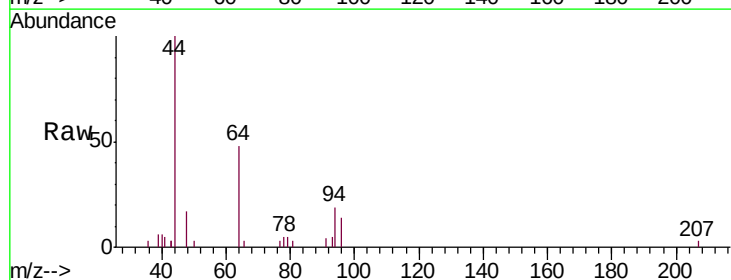
Acq: 28 Feb 2019 10:32

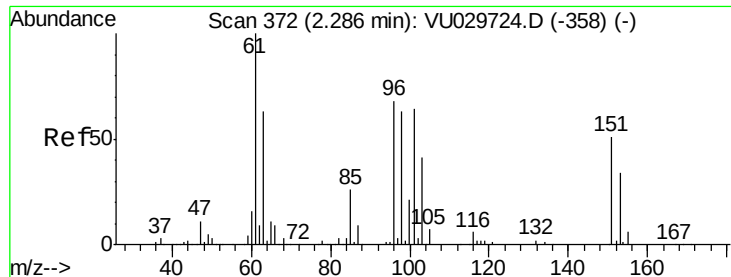
Tgt Ion: 94 Resp: 1024

Ion Ratio Lower Upper

94 100

96 75.8 66.0 122.6





#10

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

Concen: 0.061 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029726.D

Acq: 28 Feb 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

CWK11

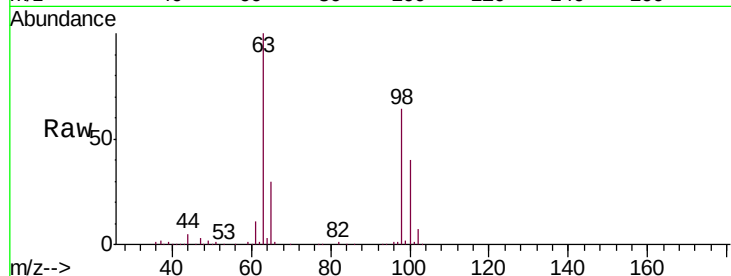
Tgt Ion: 101 Resp: 1252

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

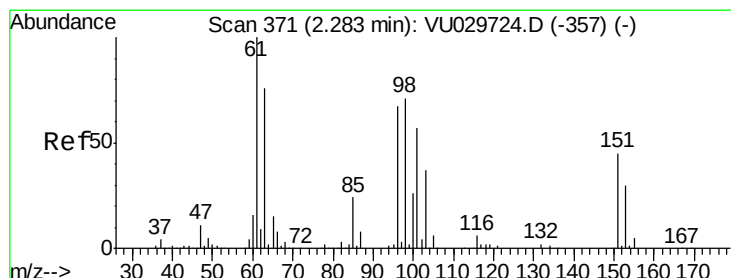
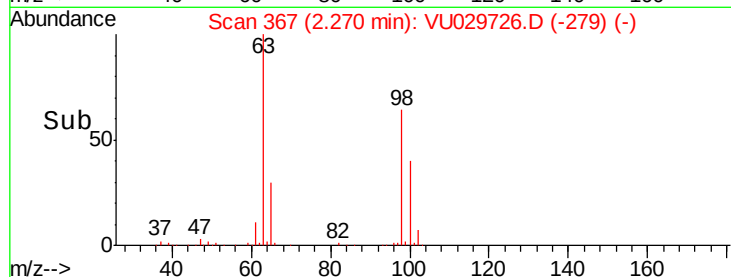
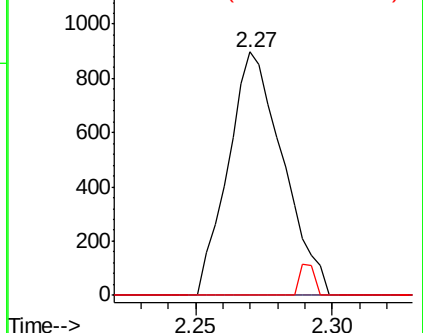
151 3.4 65.9 98.9#



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: 0.066 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029726.D

Acq: 28 Feb 2019 10:32

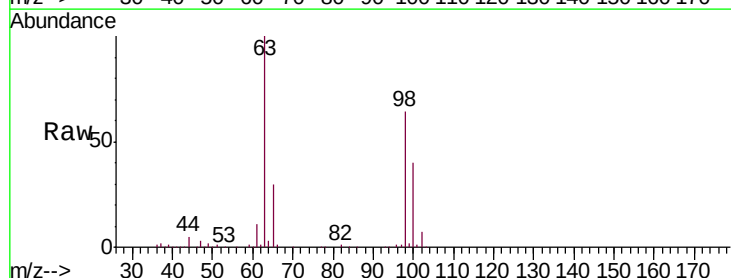
Tgt Ion: 96 Resp: 1290

Ion Ratio Lower Upper

96 100

61 926.9 111.3 206.7#

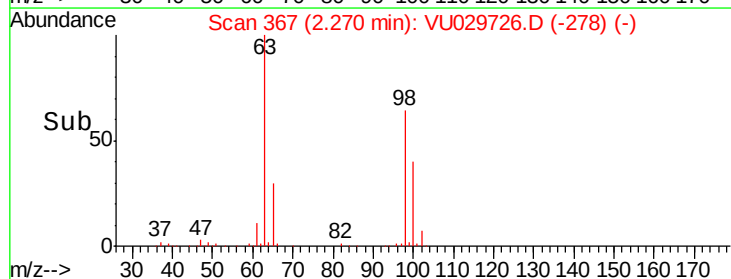
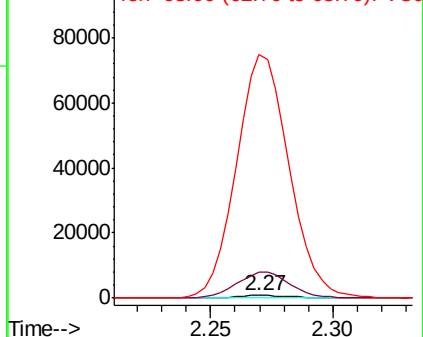
63 8825.5 88.5 164.3#

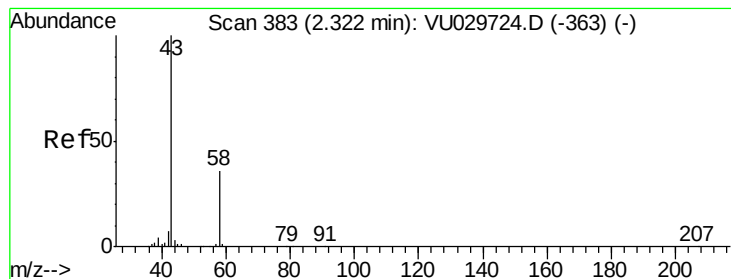


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 5.002 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029726.D

Acq: 28 Feb 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

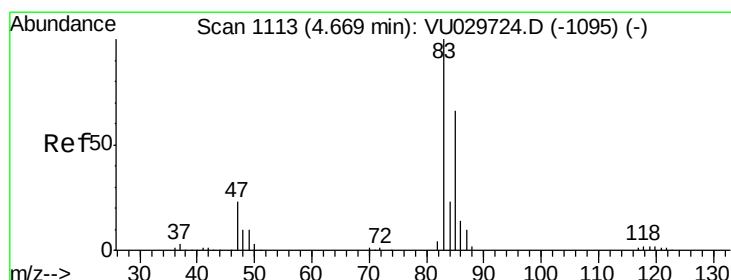
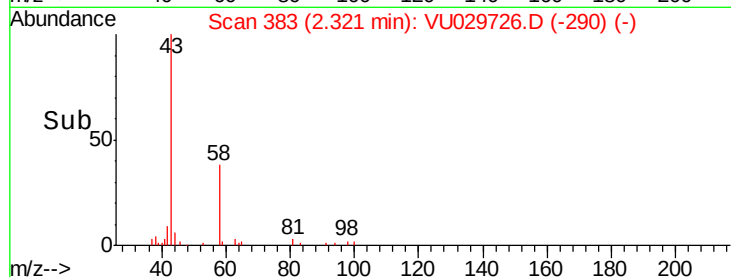
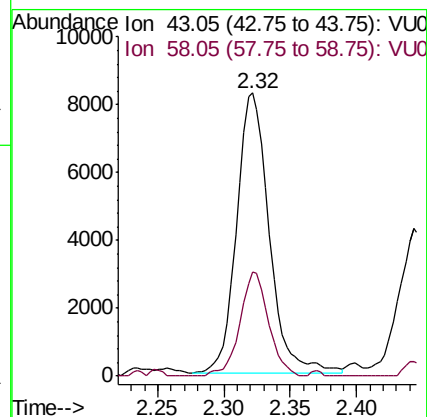
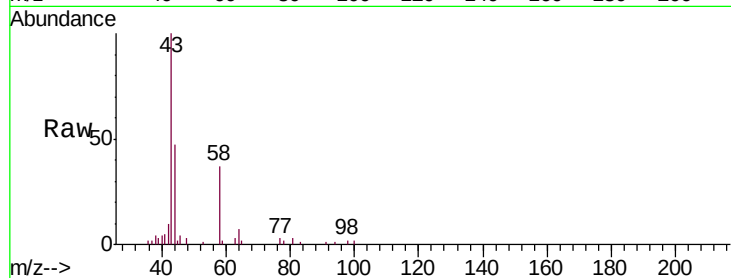
CWK11

Tgt Ion: 43 Resp: 13983

Ion Ratio Lower Upper

43 100

58 32.9 0.0 70.2



#25

Chloroform

Concen: 0.055 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VU029726.D

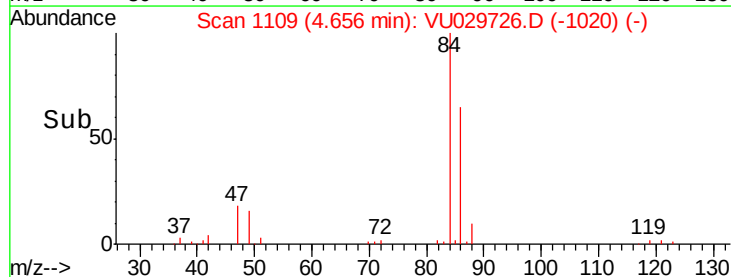
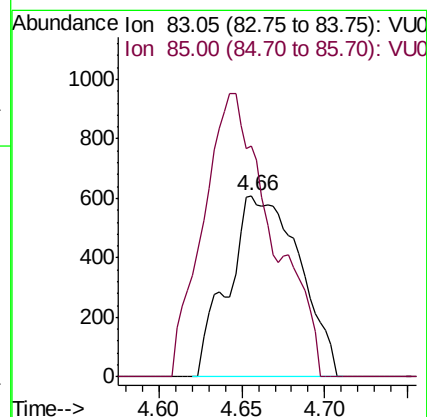
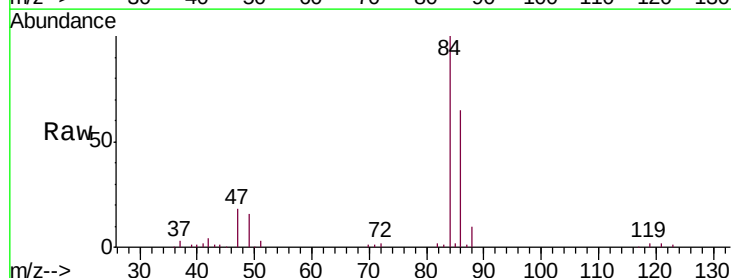
Acq: 28 Feb 2019 10:32

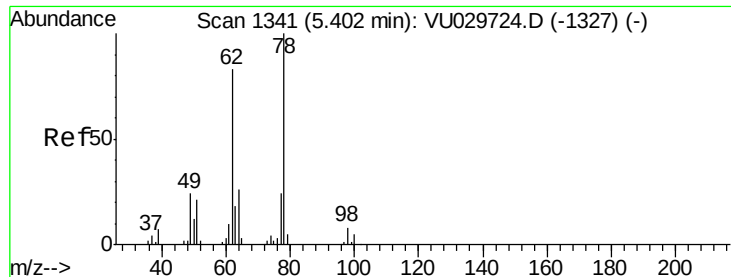
Tgt Ion: 83 Resp: 1824

Ion Ratio Lower Upper

83 100

85 127.0 45.6 84.6#





#27

1,2-Dichloroethane

Concen: 0.055 ug/L

RT: 5.40 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VU029726.D

Acq: 28 Feb 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

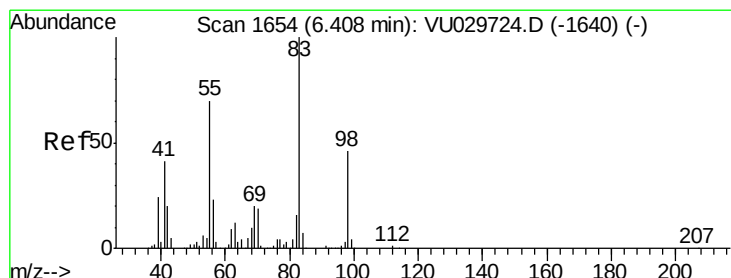
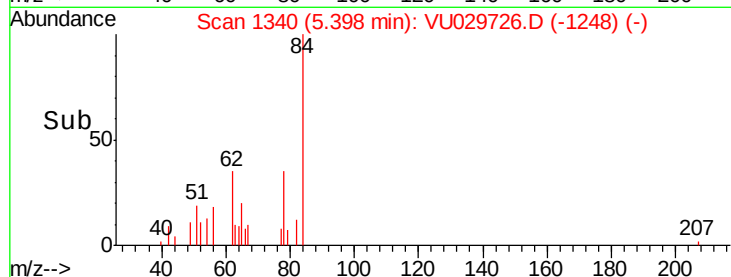
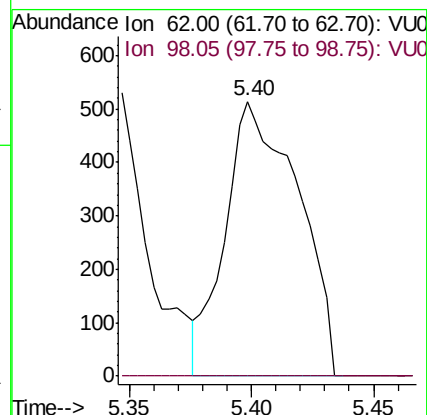
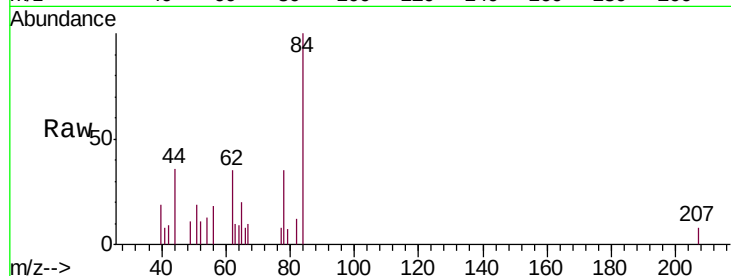
CWK11

Tgt Ion: 62 Resp: 1071

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#35

Methylcyclohexane

Concen: 0.754 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU029726.D

Acq: 28 Feb 2019 10:32

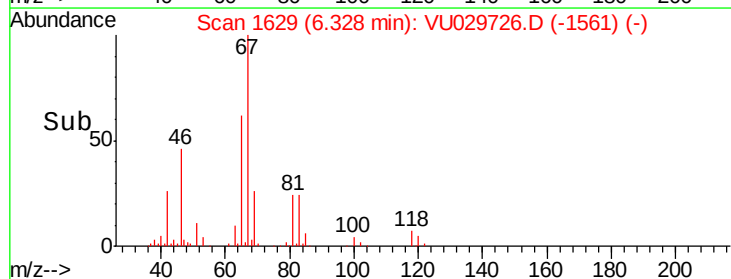
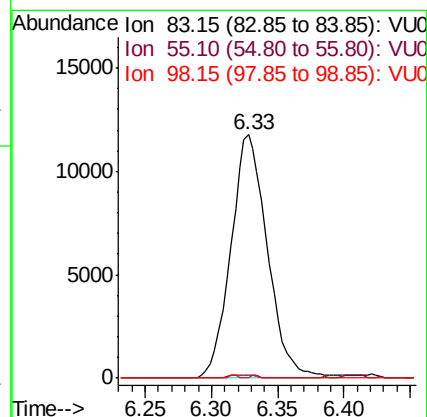
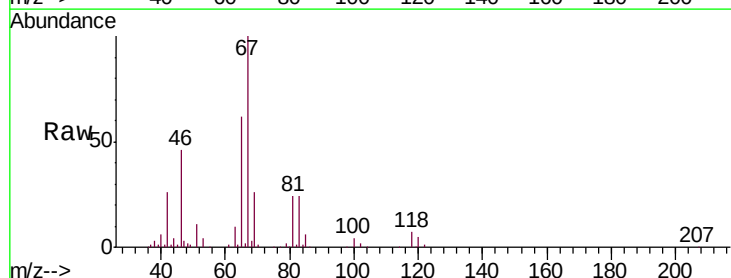
Tgt Ion: 83 Resp: 22581

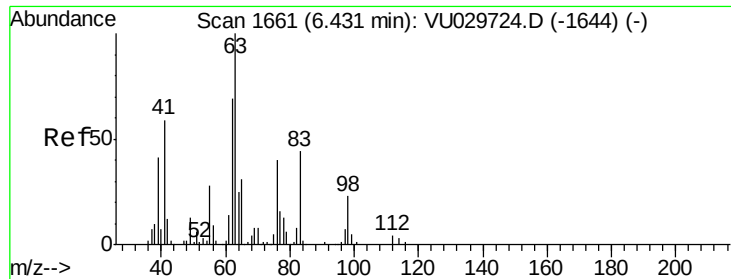
Ion Ratio Lower Upper

83 100

55 0.1 56.5 84.7#

98 0.2 39.4 59.2#

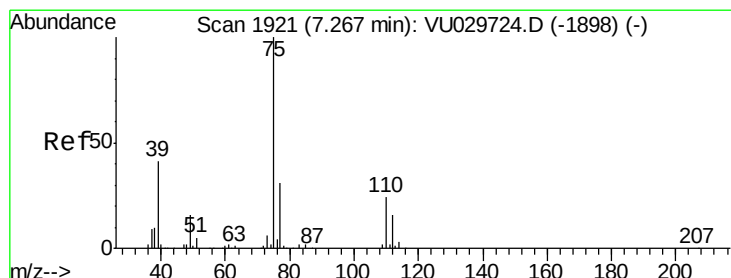
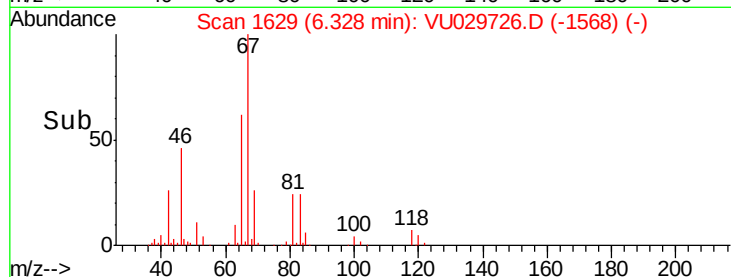
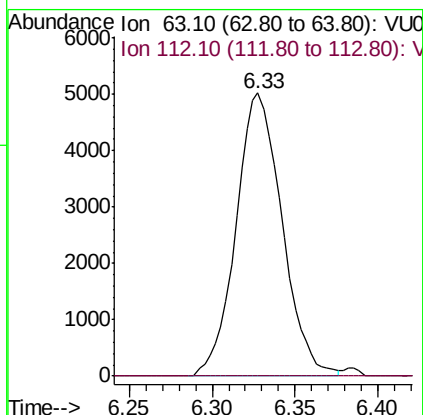
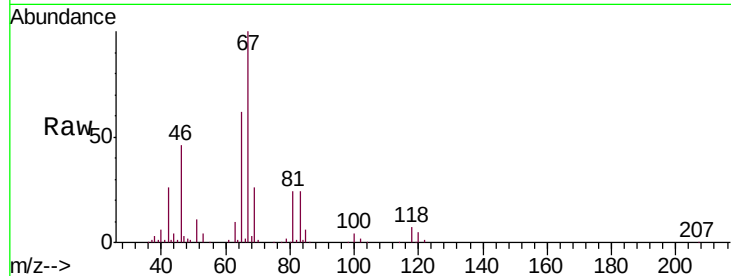




#37
 1,2-Dichloropropane
 Concen: 0.581 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029726.D
 Acq: 28 Feb 2019 10:32

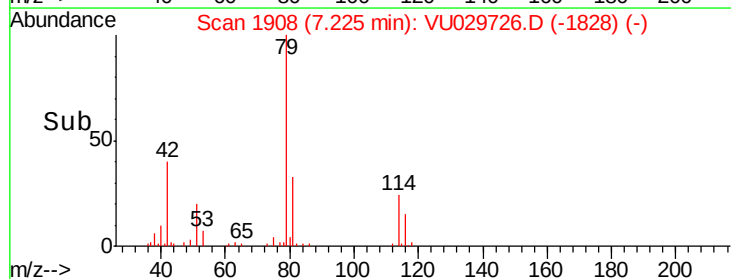
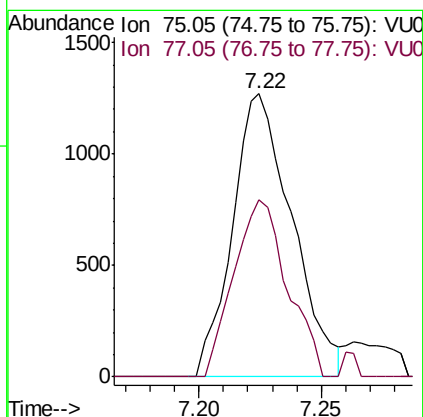
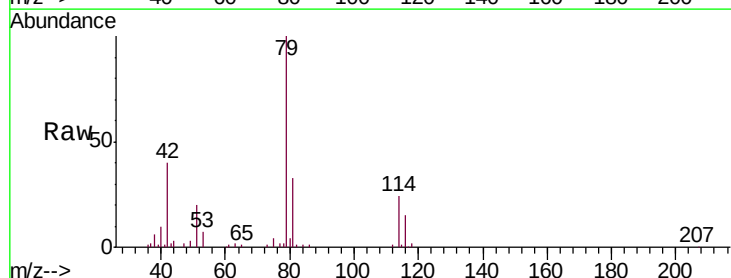
Instrument :
 MSVOA_U
 ClientSampled :
 CWK11

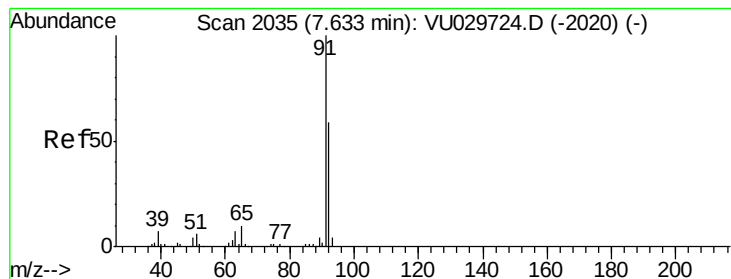
Tgt Ion: 63 Resp: 9687
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029726.D
 Acq: 28 Feb 2019 10:32

Tgt Ion: 75 Resp: 2152
 Ion Ratio Lower Upper
 75 100
 77 62.6 22.3 41.5#





#42

Toluene

Concen: 0.092 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029726.D

Acq: 28 Feb 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

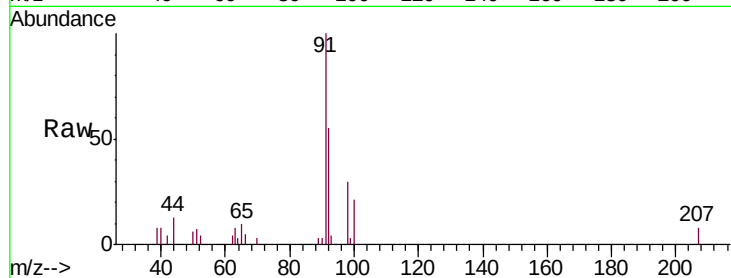
CWK11

Tgt Ion: 91 Resp: 6918

Ion Ratio Lower Upper

91 100

92 54.8 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.64

4000

3000

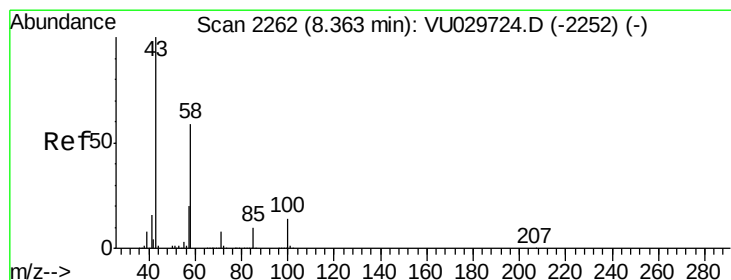
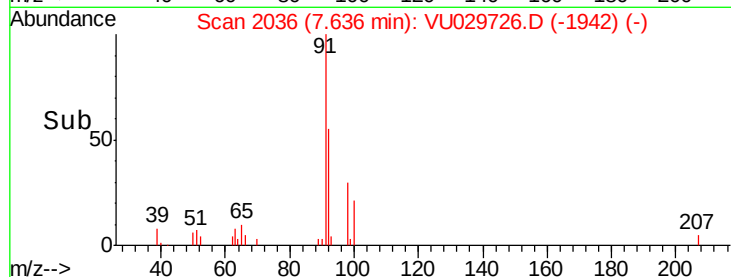
2000

1000

0

Time-->

7.60 7.65 7.70



#48

2-Hexanone

Concen: 0.565 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU029726.D

Acq: 28 Feb 2019 10:32

Tgt Ion: 43 Resp: 3874

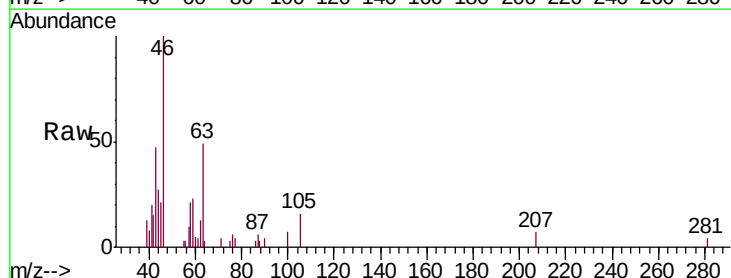
Ion Ratio Lower Upper

43 100

58 54.8 46.6 69.8

57 0.0 15.9 23.9#

100 8.3 11.4 17.2#



Abundance Ion 43.05 (42.75 to 43.75): VU0

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

15000

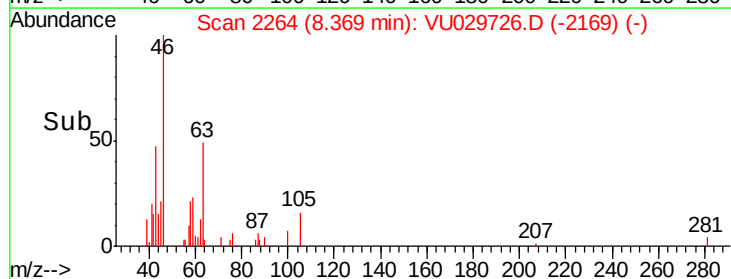
10000

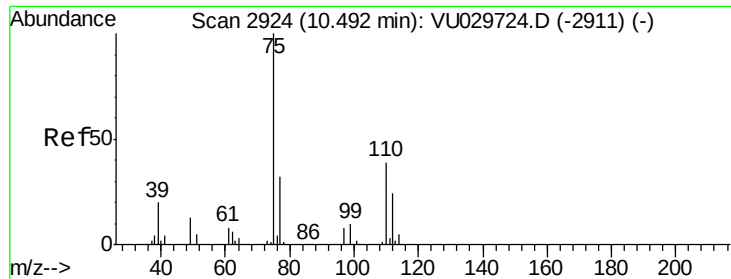
5000

0

Time-->

8.35 8.40 8.45





#59

1,2,3-Trichloropropane

Concen: 1.158 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029726.D

Acq: 28 Feb 2019 10:32

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ClientSampleId :

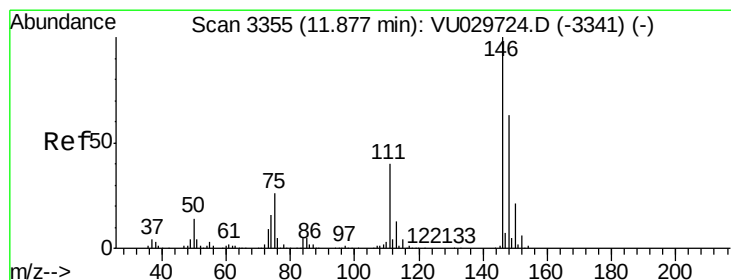
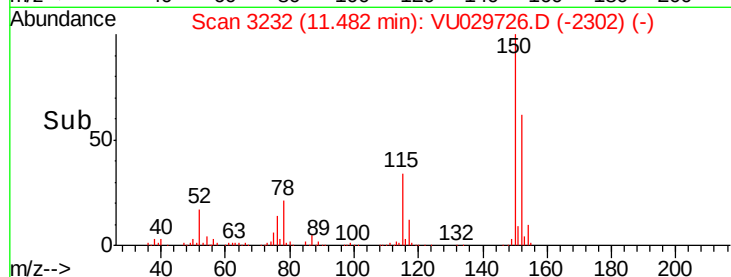
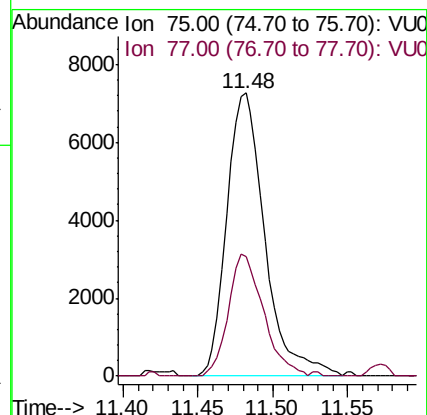
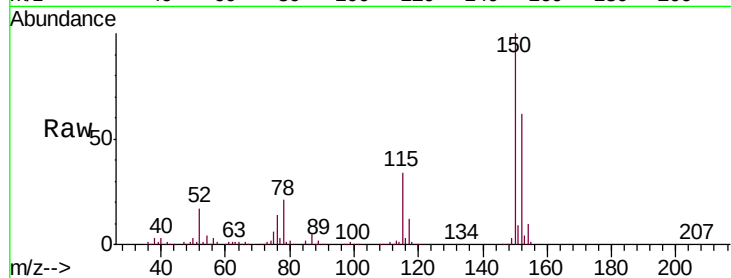
CWK11

Tgt Ion: 75 Resp: 12893

Ion Ratio Lower Upper

75 100

77 39.5 25.6 38.4#



#65

1,2-Dichlorobenzene

Concen: 0.057 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VU029726.D

Acq: 28 Feb 2019 10:32

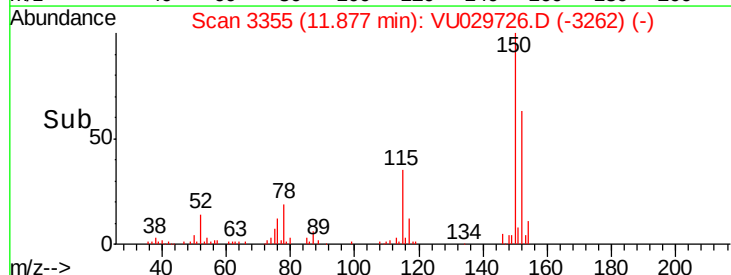
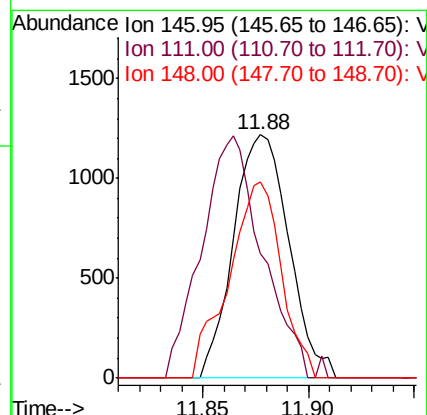
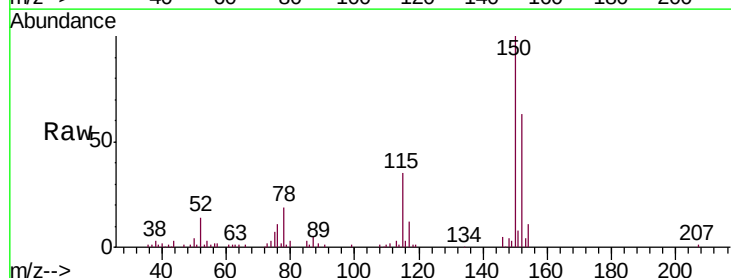
Tgt Ion: 146 Resp: 2223

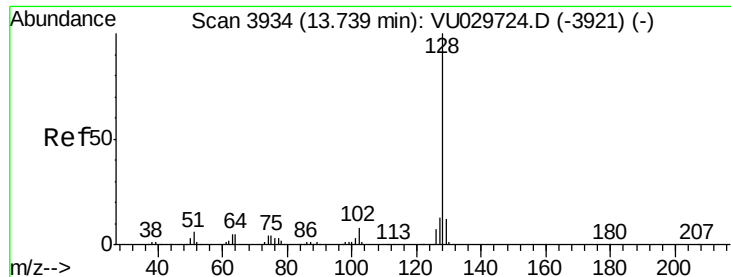
Ion Ratio Lower Upper

146 100

111 51.3 32.2 48.2#

148 80.7 52.2 78.4#





#69

Naphthalene

Concen: 0.085 ug/L

RT: 13.76 min Scan# 3940

Delta R.T. 0.02 min

Lab File: VU029726.D

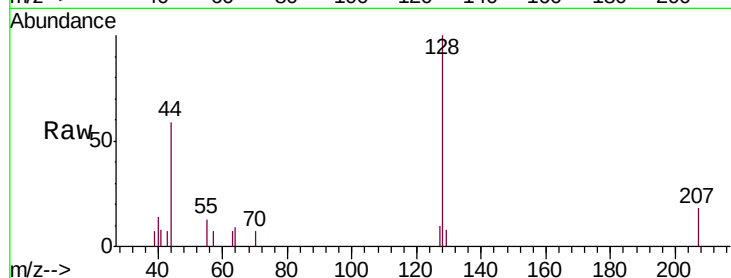
Acq: 28 Feb 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

CWK11



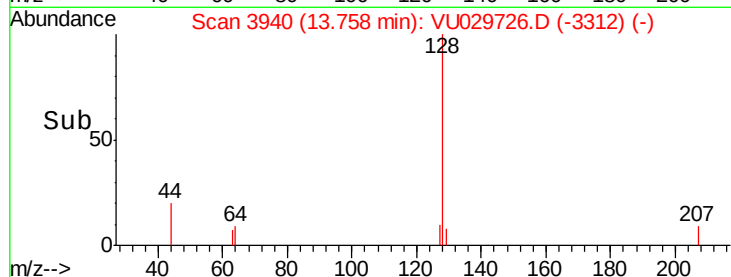
Tgt Ion:128 Resp: 3589

Ion Ratio Lower Upper

128 100

129 1.9 8.7 13.1#

127 6.5 10.0 15.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

