

Data File : VU029727.D
Acq On : 28 Feb 2019 10:56
Operator : JC/SP
Sample : K1577-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK08

Quant Time: Mar 01 00:22:16 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	256024	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	240008	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	122297	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70106	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.68	69	69079	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.27	63	111512	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.19	46	203468	53.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.64%
24) Chloroform-d	4.65	84	144776	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.31	65	78069	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.34	84	311298	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.33	67	96633	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.56	98	281300	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.85	79	36761	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.31	63	198188	54.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81010	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	119874	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	3016	0.175 ug/L	86
6) Bromomethane	1.62	94	570	0.047 ug/L	81
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1276	0.064 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1003	0.053 ug/L #	1
13) Acetone	2.33	43	14641	5.391 ug/L	98
21) 2-Butanone	4.40	43	13213	3.506 ug/L #	45
25) Chloroform	4.67	83	4724	0.147 ug/L	96
27) 1,2-Dichloroethane	5.41	62	1115	0.059 ug/L #	74
35) Methylcyclohexane	6.33	83	22182	0.772 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	9686	0.606 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2516	0.108 ug/L #	58
42) Toluene	7.64	91	6708	0.093 ug/L	92
48) 2-Hexanone	8.36	43	3049	0.464 ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	13280	1.245 ug/L	91
63) 1,4-Dichlorobenzene	11.50	146	2757	0.070 ug/L	93
65) 1,2-Dichlorobenzene	11.87	146	2059	0.055 ug/L #	73
69) Naphthalene	13.76	128	2313	0.057 ug/L #	81

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

Data File : VU029727.D
Acq On : 28 Feb 2019 10:56
Operator : JC/SP
Sample : K1577-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK08

Quant Time: Mar 01 00:22:16 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

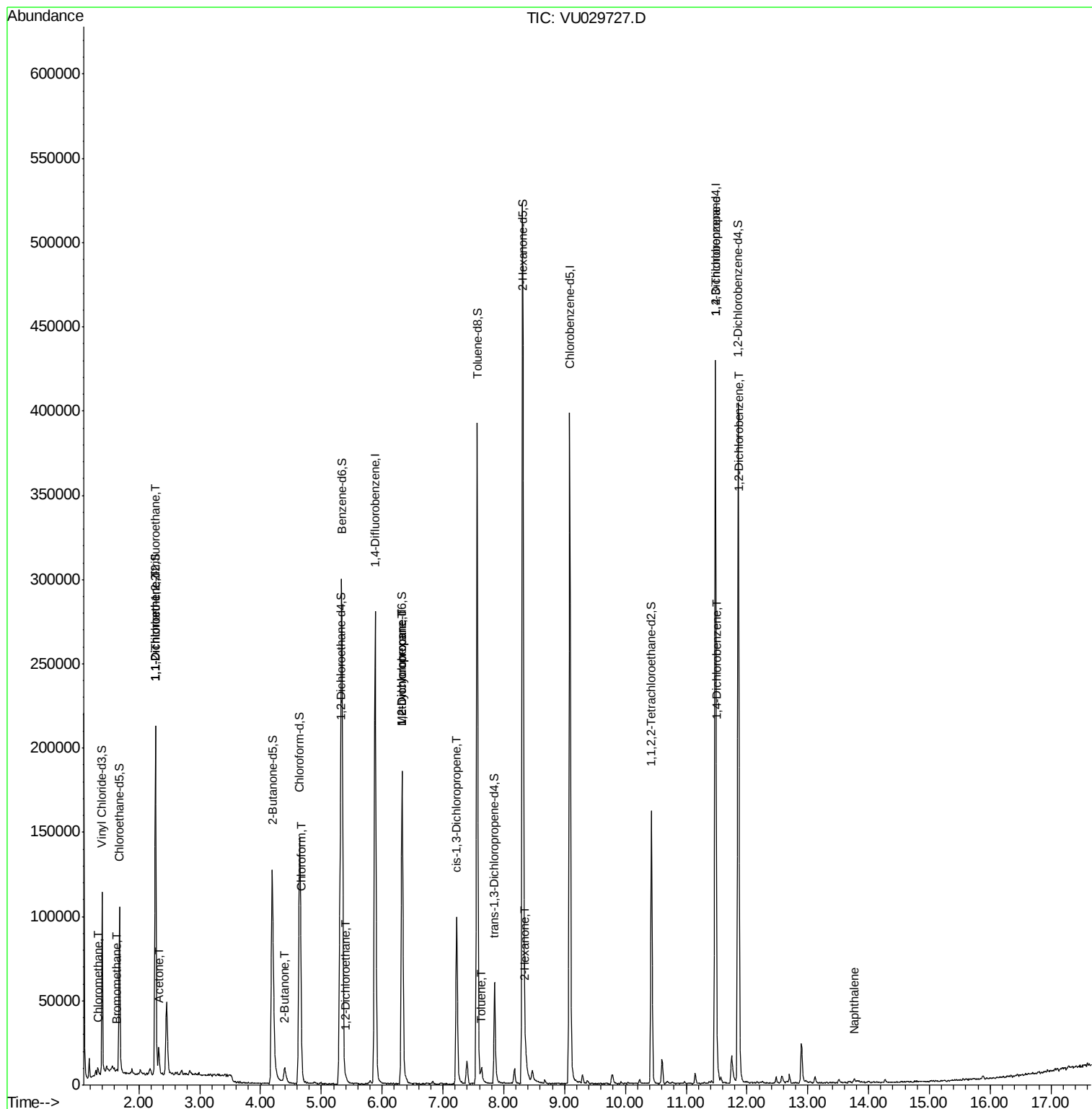
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

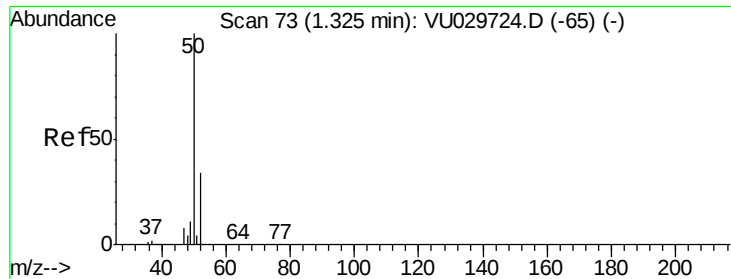
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029727.D
Acq On : 28 Feb 2019 10:56
Operator : JC/SP
Sample : K1577-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK08

Quant Time: Mar 01 00:22:16 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





#3

Chloromethane

Concen: 0.175 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU029727.D

Acq: 28 Feb 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

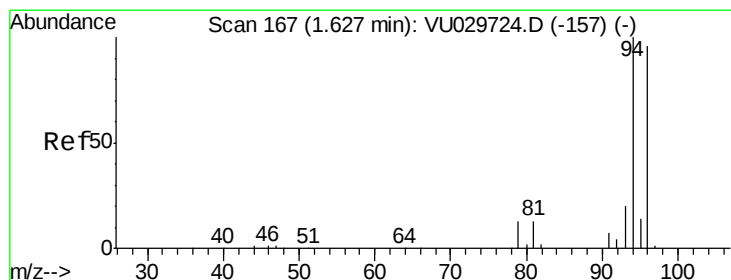
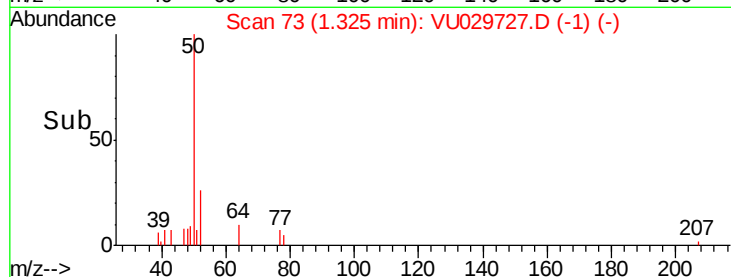
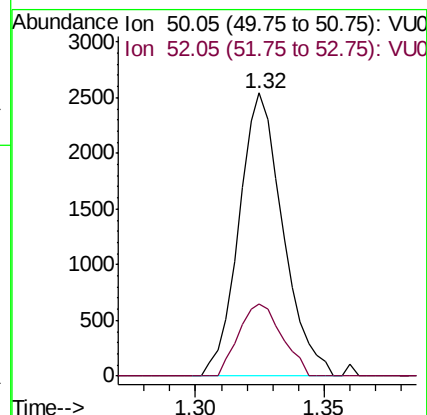
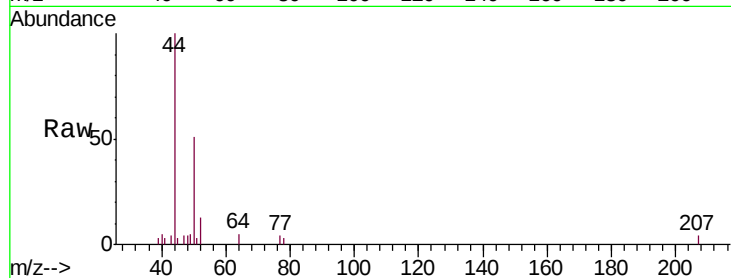
CWK08

Tgt Ion: 50 Resp: 3016

Ion Ratio Lower Upper

50 100

52 25.7 23.5 43.7



#6

Bromomethane

Concen: 0.047 ug/L

RT: 1.62 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU029727.D

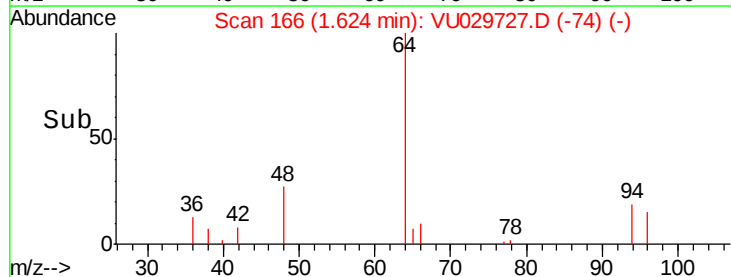
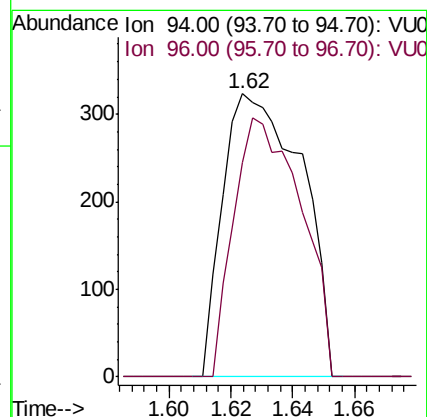
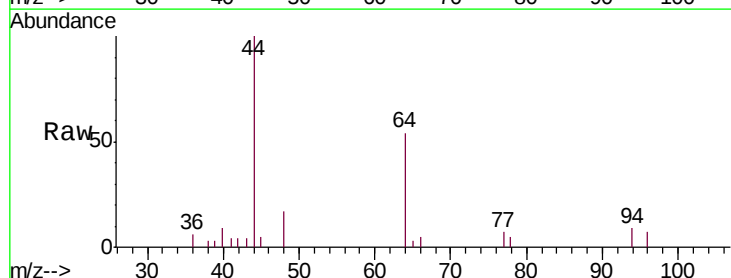
Acq: 28 Feb 2019 10:56

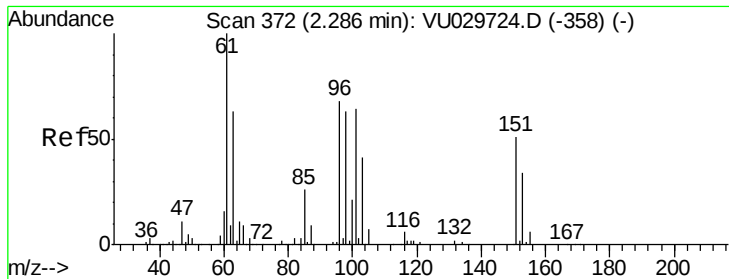
Tgt Ion: 94 Resp: 570

Ion Ratio Lower Upper

94 100

96 75.9 66.0 122.6





#10

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

Concen: 0.064 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029727.D

Acq: 28 Feb 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

CWK08

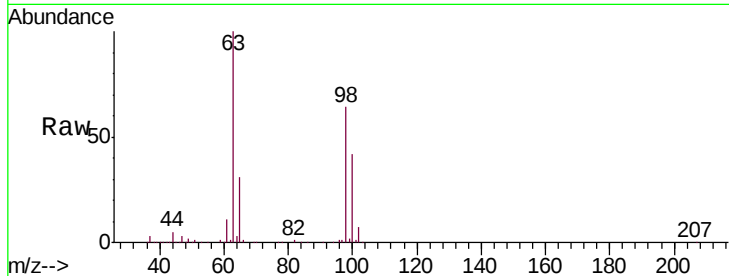
Tgt Ion: 101 Resp: 1276

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

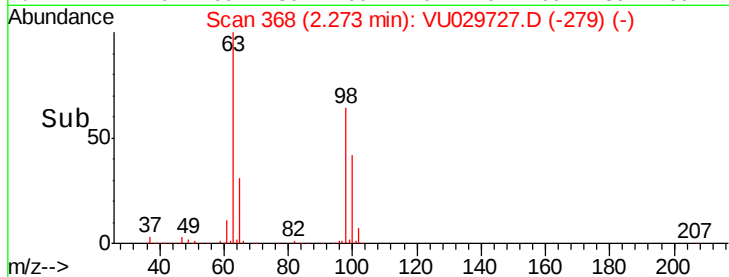
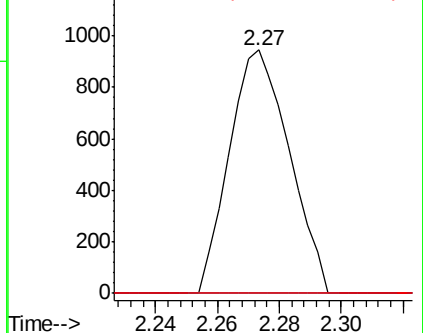
151 0.0 65.9 98.9#



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: 0.053 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029727.D

Acq: 28 Feb 2019 10:56

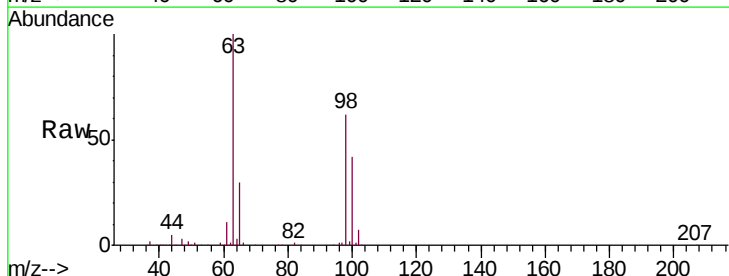
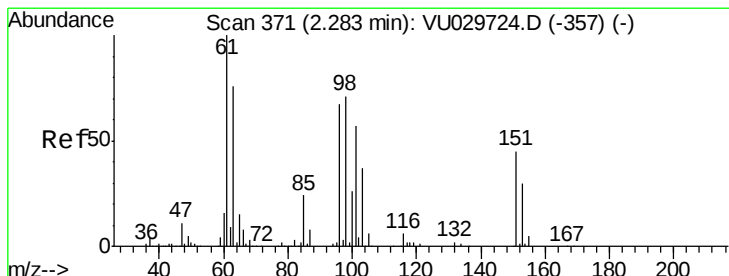
Tgt Ion: 96 Resp: 1003

Ion Ratio Lower Upper

96 100

61 1095.4 111.3 206.7#

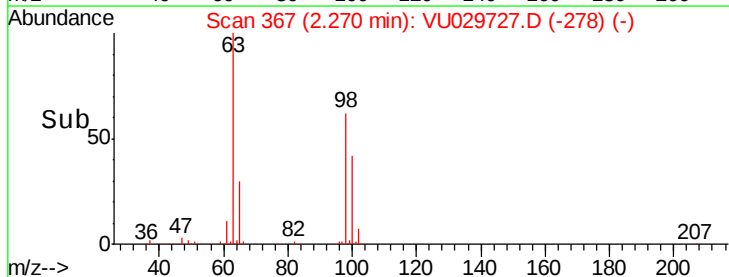
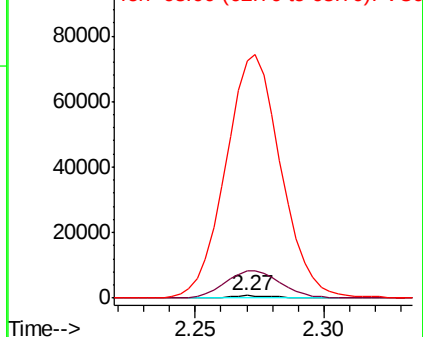
63 9761.5 88.5 164.3#

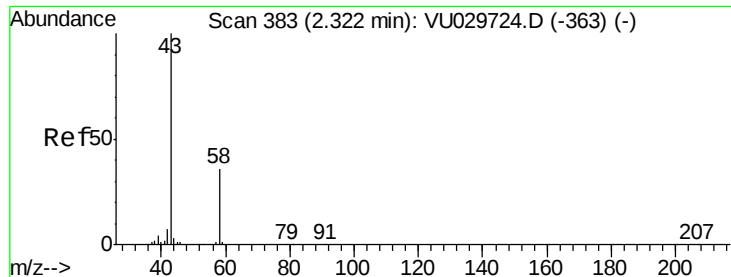


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 5.391 ug/L

RT: 2.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VU029727.D

Acq: 28 Feb 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

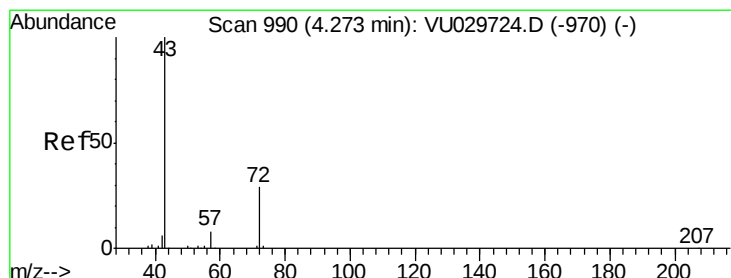
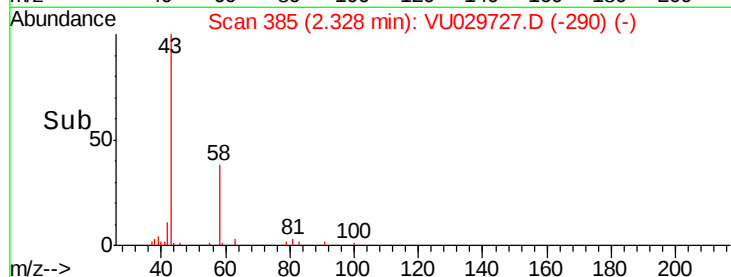
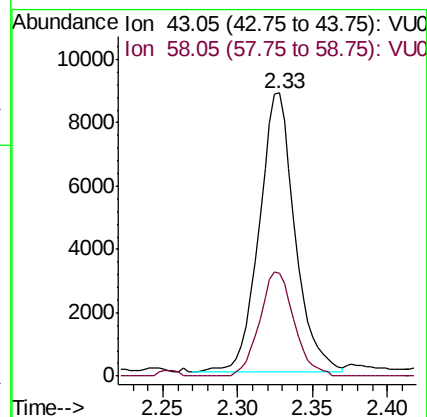
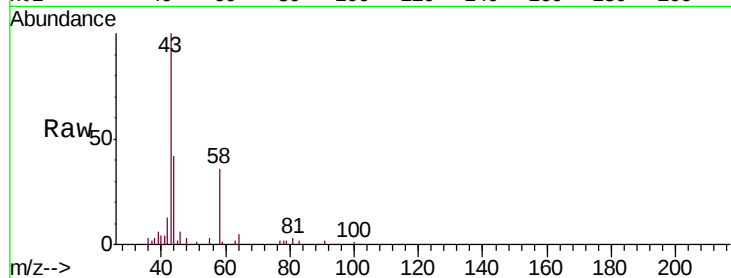
CWK08

Tgt Ion: 43 Resp: 14641

Ion Ratio Lower Upper

43 100

58 36.1 0.0 70.2



#21

2-Butanone

Concen: 3.506 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. 0.12 min

Lab File: VU029727.D

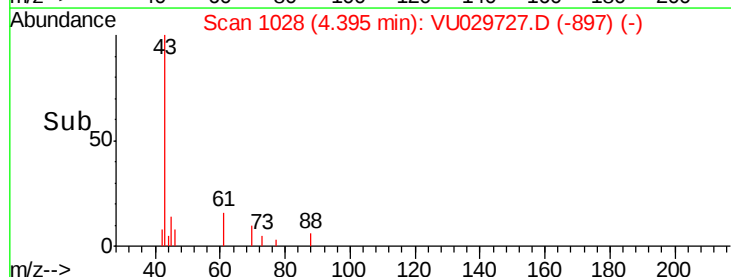
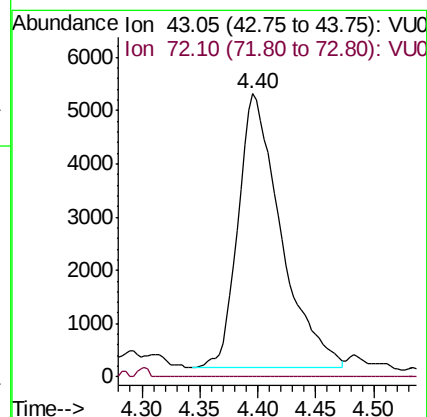
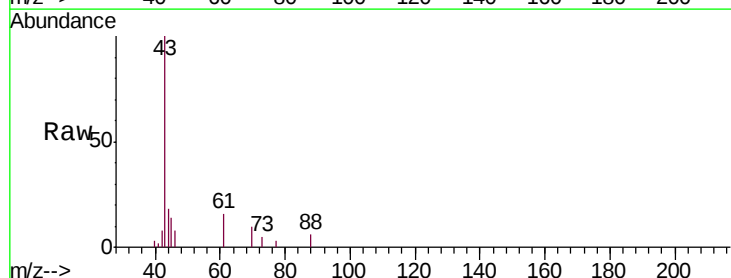
Acq: 28 Feb 2019 10:56

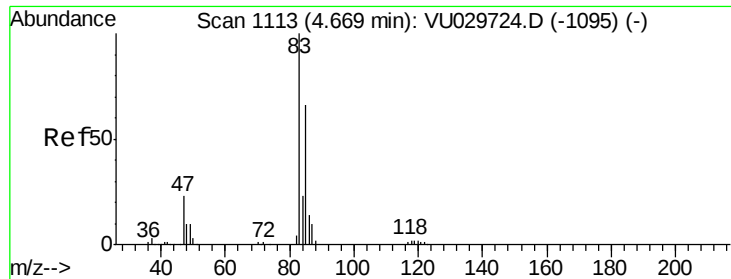
Tgt Ion: 43 Resp: 13213

Ion Ratio Lower Upper

43 100

72 0.8 15.4 46.4#





#25

Chloroform

Concen: 0.147 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029727.D

Acq: 28 Feb 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

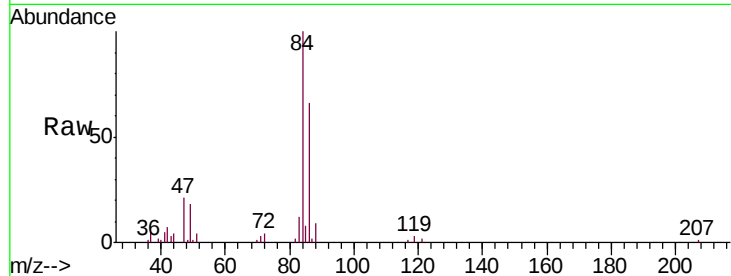
CWK08

Tgt Ion: 83 Resp: 4724

Ion Ratio Lower Upper

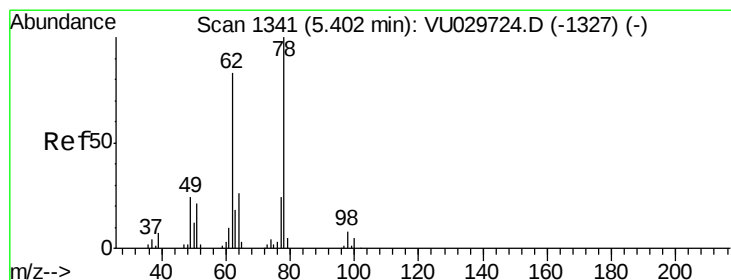
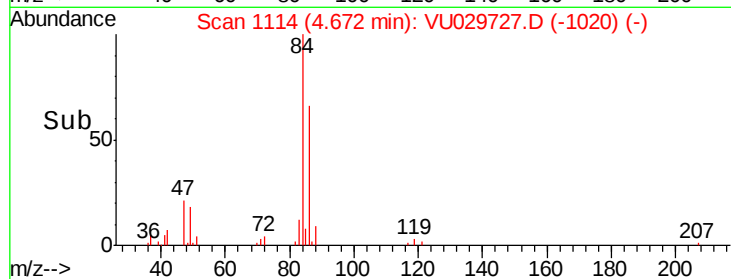
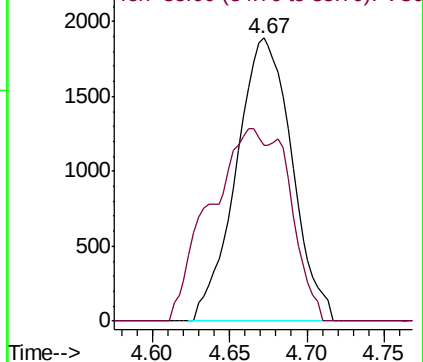
83 100

85 62.2 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#27

1,2-Dichloroethane

Concen: 0.059 ug/L

RT: 5.41 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VU029727.D

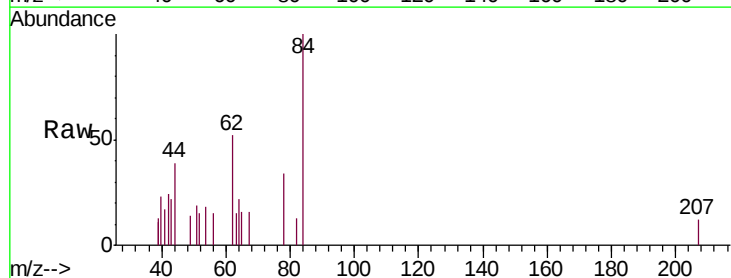
Acq: 28 Feb 2019 10:56

Tgt Ion: 62 Resp: 1115

Ion Ratio Lower Upper

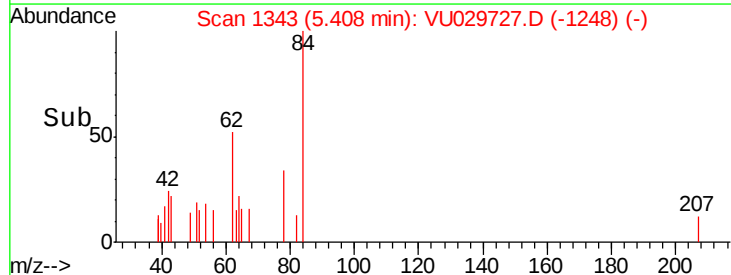
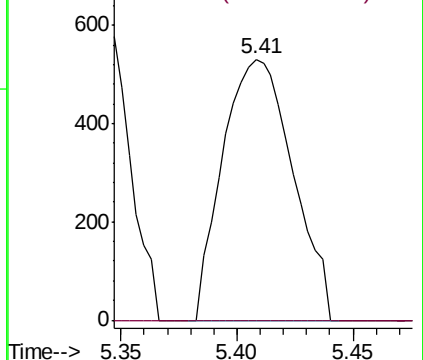
62 100

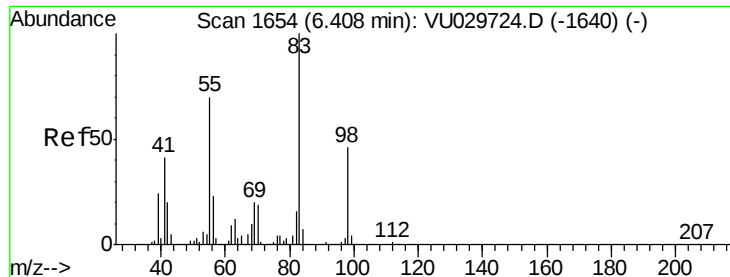
98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

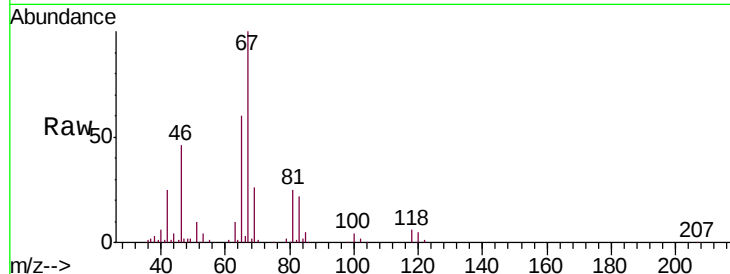




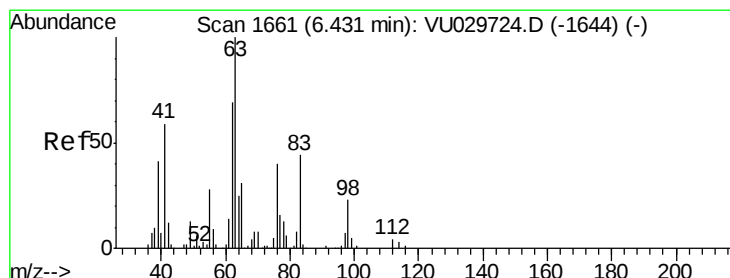
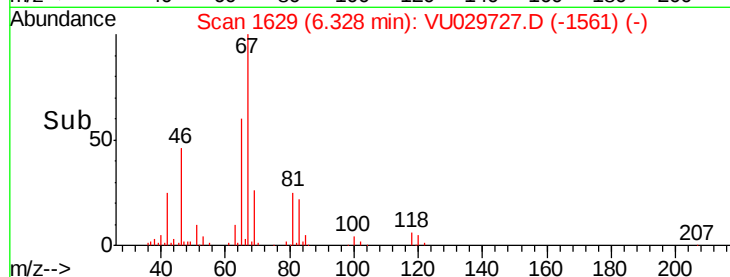
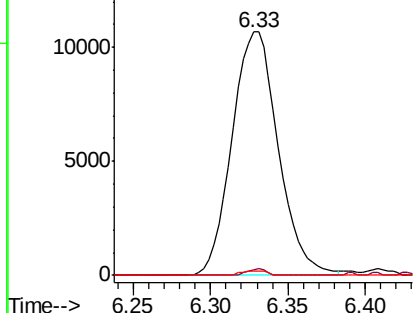
#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029727.D
Acq: 28 Feb 2019 10:56

Instrument :
MSVOA_U
ClientSampleId :
CWK08

Tgt Ion: 83 Resp: 22182
Ion Ratio Lower Upper
83 100
55 1.1 56.5 84.7#
98 0.9 39.4 59.2#

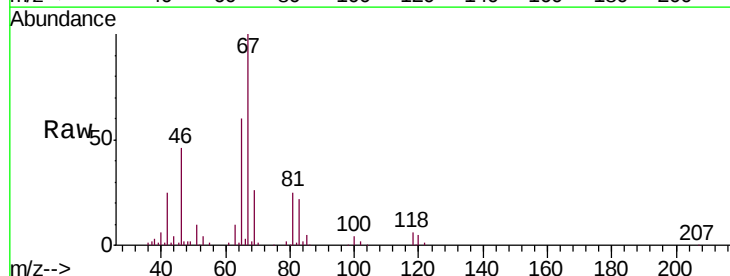


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

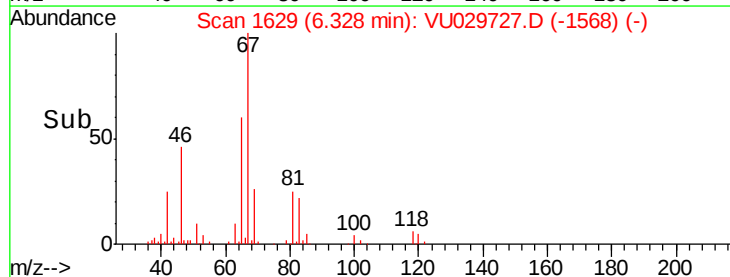
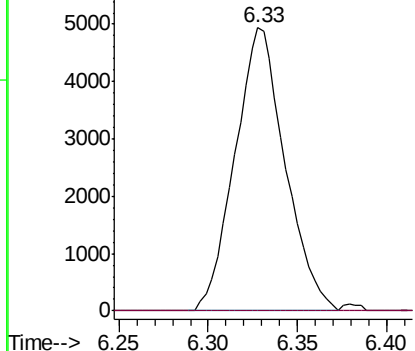


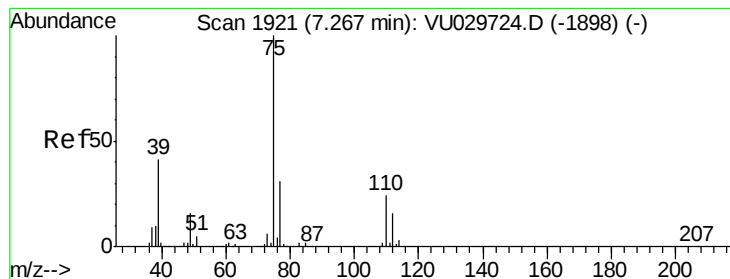
#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029727.D
Acq: 28 Feb 2019 10:56

Tgt Ion: 63 Resp: 9686
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029727.D

Acq: 28 Feb 2019 10:56

Instrument :

MSVOA_U

ClientSampled :

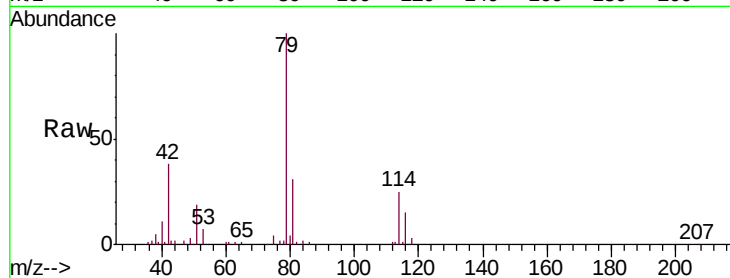
CWK08

Tgt Ion: 75 Resp: 2516

Ion Ratio Lower Upper

75 100

77 55.5 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.23

1500

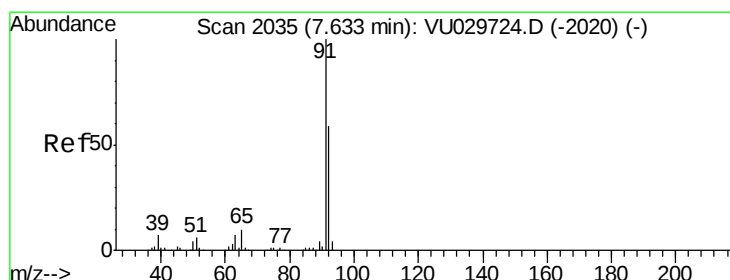
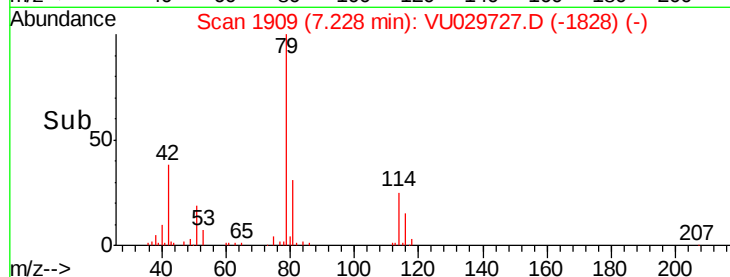
1000

500

0

7.20 7.25

Time-->



#42

Toluene

Concen: 0.093 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU029727.D

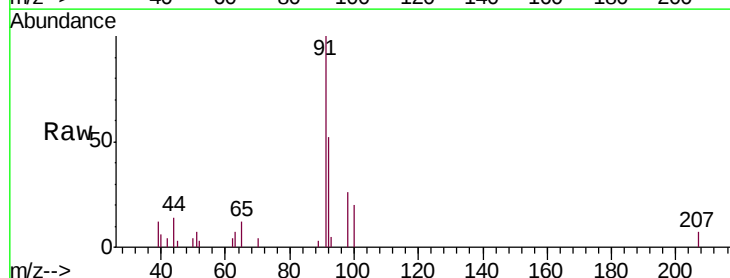
Acq: 28 Feb 2019 10:56

Tgt Ion: 91 Resp: 6708

Ion Ratio Lower Upper

91 100

92 51.5 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

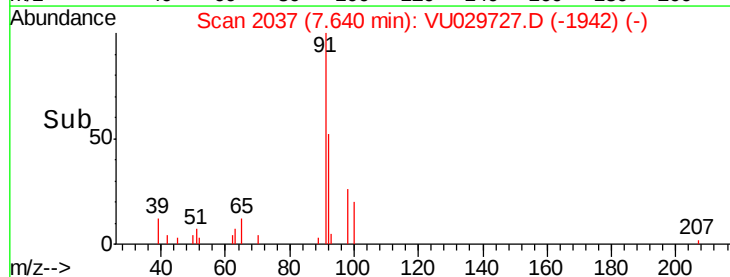
2000

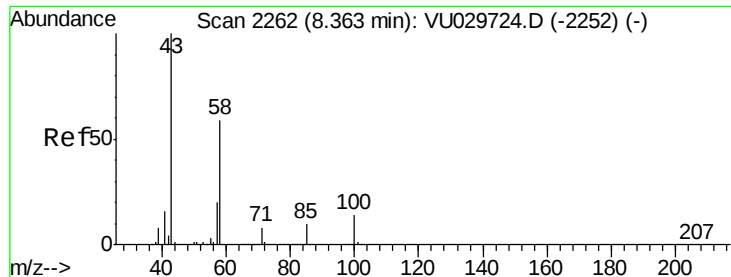
1000

0

7.55 7.60 7.65 7.70

Time-->

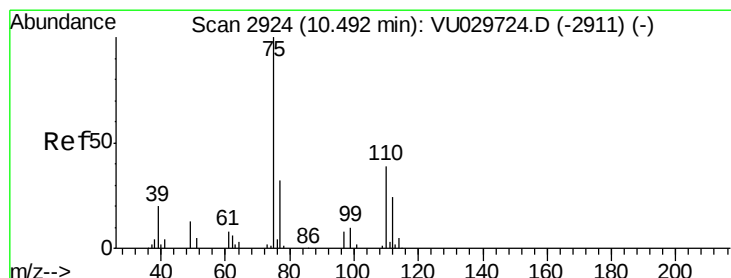
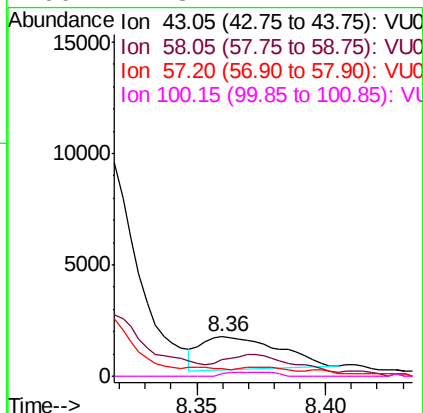
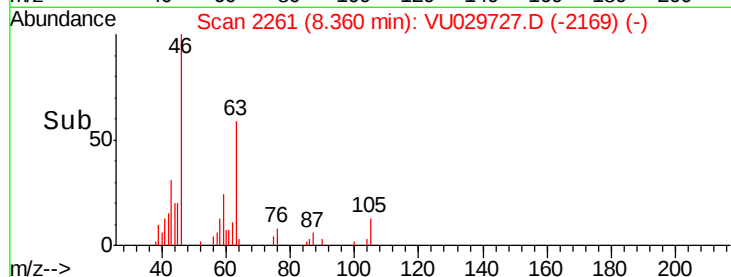
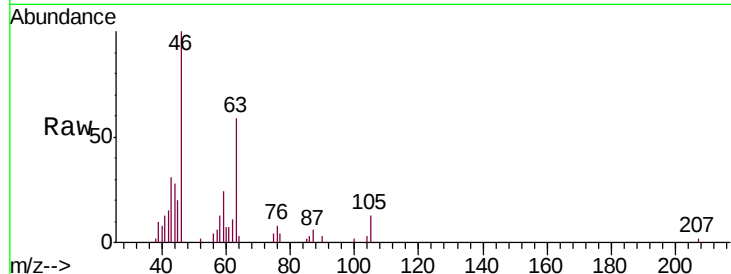




#48
2-Hexanone
Concen: 0.464 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VU029727.D
Acq: 28 Feb 2019 10:56

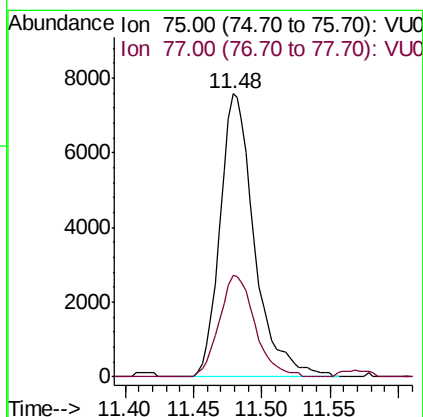
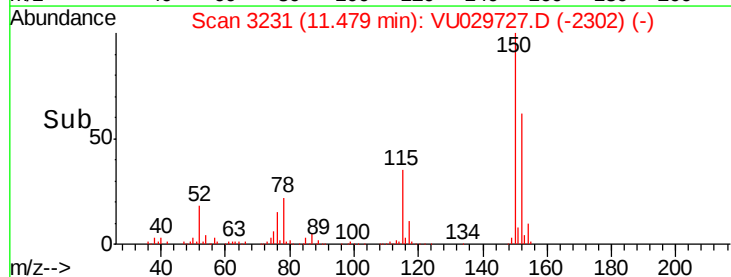
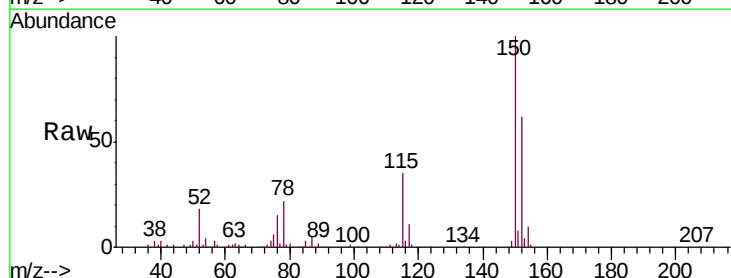
Instrument :
MSVOA_U
ClientSampleId :
CWK08

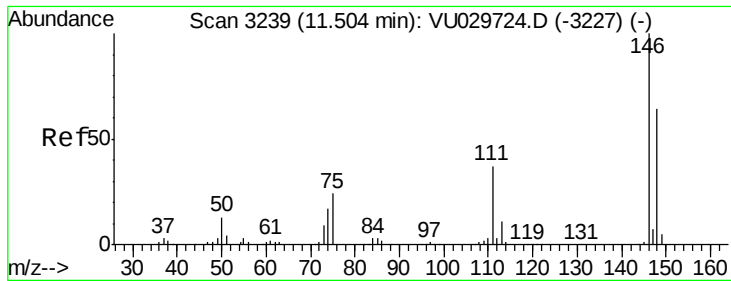
Tgt Ion: 43 Resp: 3049
Ion Ratio Lower Upper
43 100
58 64.3 46.6 69.8
57 5.9 15.9 23.9#
100 7.3 11.4 17.2#



#59
1,2,3-Trichloropropane
Concen: 1.245 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029727.D
Acq: 28 Feb 2019 10:56

Tgt Ion: 75 Resp: 13280
Ion Ratio Lower Upper
75 100
77 37.3 25.6 38.4





#63

1,4-Dichlorobenzene

Concen: 0.070 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. -0.00 min

Lab File: VU029727.D

Acq: 28 Feb 2019 10:56

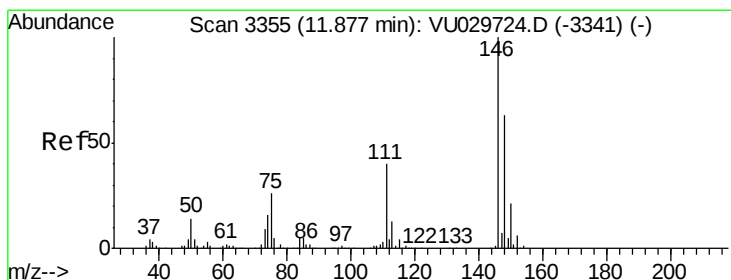
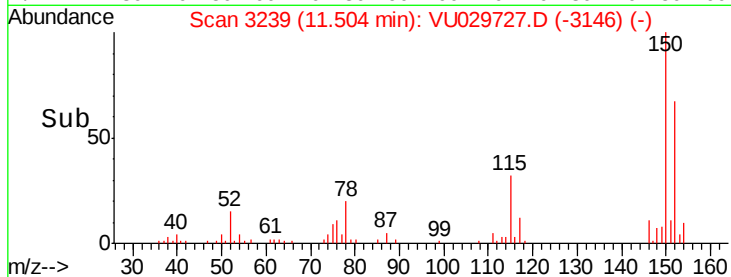
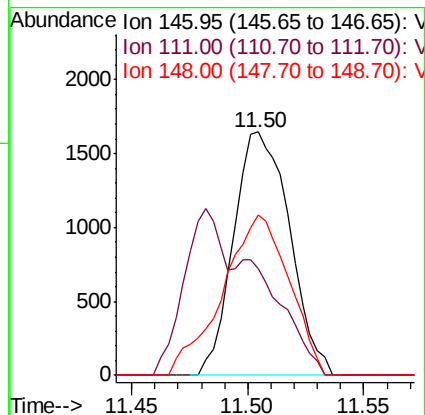
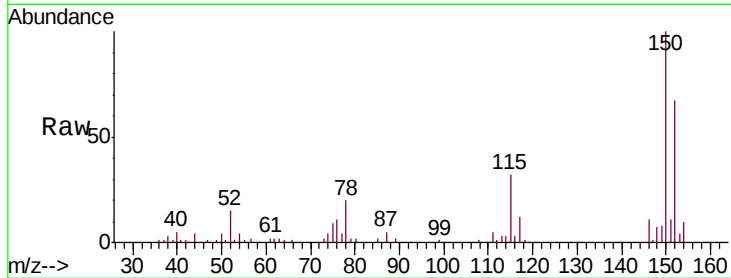
Instrument :

MSVOA_U

ClientSampled :

CWK08

Tgt Ion:	146	Resp:	2757
Ion	Ratio	Lower	Upper
146	100		
111	43.6	25.4	47.2
148	65.9	43.7	81.1



#65

1,2-Dichlorobenzene

Concen: 0.055 ug/L

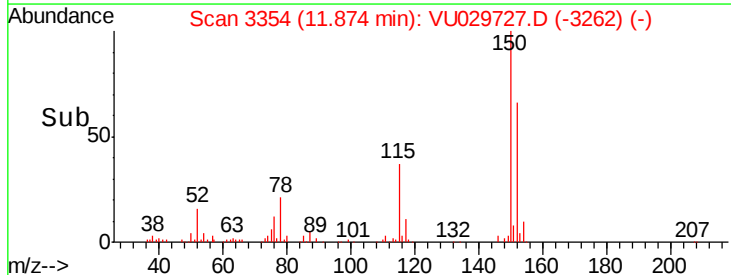
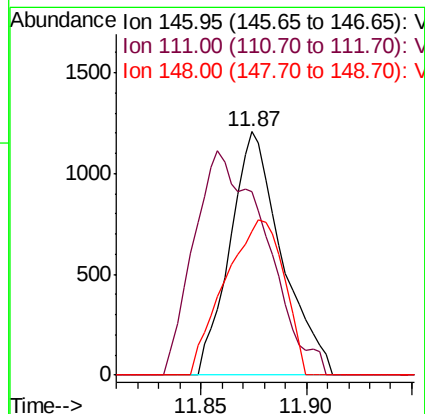
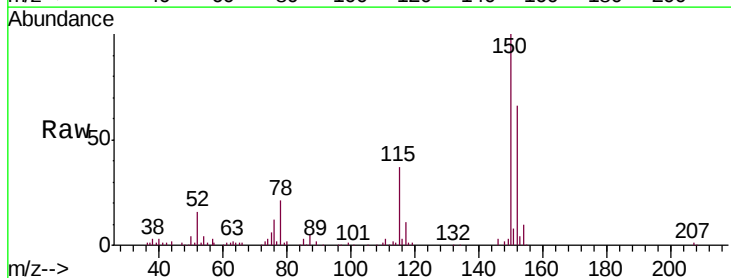
RT: 11.87 min Scan# 3354

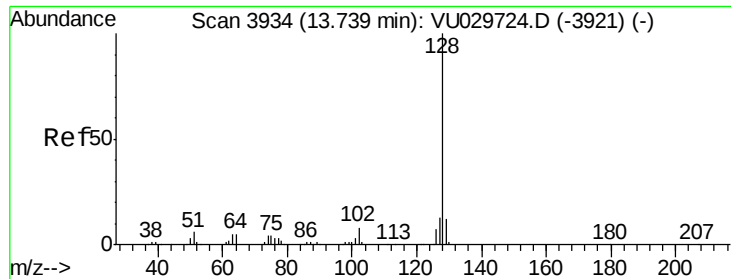
Delta R.T. -0.00 min

Lab File: VU029727.D

Acq: 28 Feb 2019 10:56

Tgt Ion:	146	Resp:	2059
Ion	Ratio	Lower	Upper
146	100		
111	75.4	32.2	48.2#
148	58.9	52.2	78.4





#69

Naphthalene

Concen: 0.057 ug/L

RT: 13.76 min Scan# 3940

Delta R.T. 0.02 min

Lab File: VU029727.D

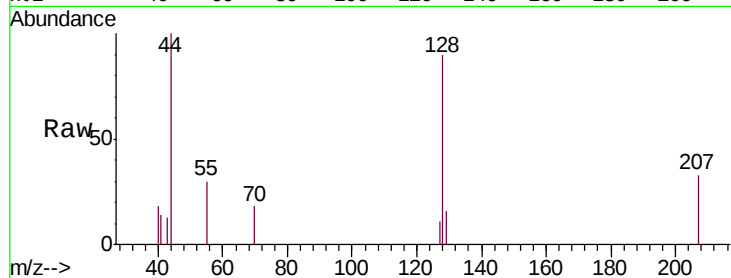
Acq: 28 Feb 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

CWK08



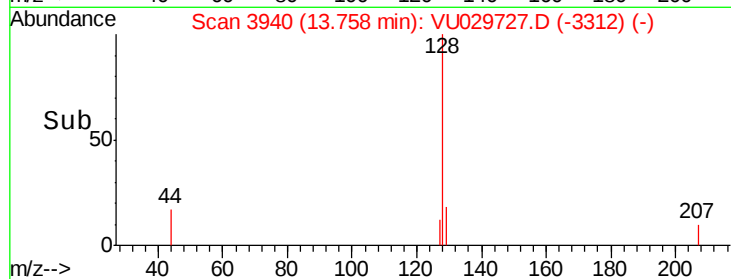
Tgt Ion:128 Resp: 2313

Ion Ratio Lower Upper

128 100

129 4.5 8.7 13.1#

127 4.3 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

