

Data File : VU029530.D
Acq On : 18 Feb 2019 15:21
Operator : JC/SP
Sample : K1489-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXG8

Quant Time: Feb 19 00:23:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 00:19:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	204209	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	197144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107702	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56695	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.68	69	53807	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.27	63	95076	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.19	46	150095	52.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.24%
24) Chloroform-d	4.65	84	94185	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.31	65	58912	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.34	84	228319	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.33	67	69592	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.56	98	220434	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.85	79	27663	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.31	63	155192	53.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60695	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	96085	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	926	0.052	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	1124	0.067	ug/L #	1
13) Acetone	2.32	43	12993	5.014	ug/L	91
15) Methyl Acetate	2.61	43	1704	0.257	ug/L	91
25) Chloroform	4.67	83	14547	0.539	ug/L	95
27) 1,2-Dichloroethane	5.41	62	12245	0.783	ug/L	95
35) Methylcyclohexane	6.33	83	16839	0.613	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	7629	0.525	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	1976	0.086	ug/L #	67
42) Toluene	7.64	91	3119	0.048	ug/L	93
48) 2-Hexanone	8.31	43	21936	3.592	ug/L #	63
52) Ethylbenzene	9.25	91	9654	0.131	ug/L	98
53) m,p-xylene	9.37	106	17452	0.593	ug/L	90
54) o-xylene	9.78	106	9221	0.319	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	10709	1.149	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	468	0.208	ug/L #	1
69) Naphthalene	13.75	128	1896	0.041	ug/L #	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021819\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 00:19:12 2019
Response via : Initial Calibration

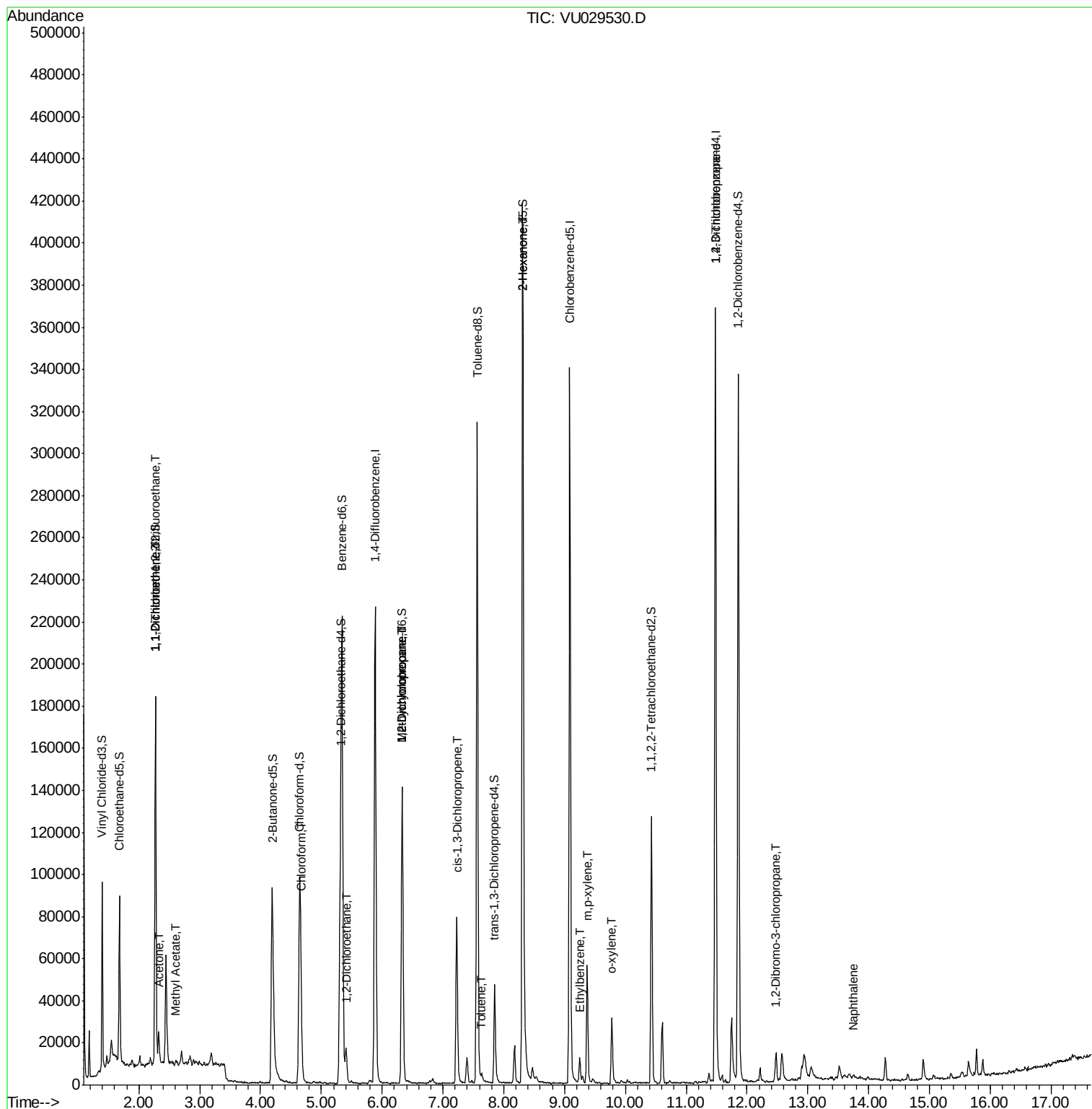
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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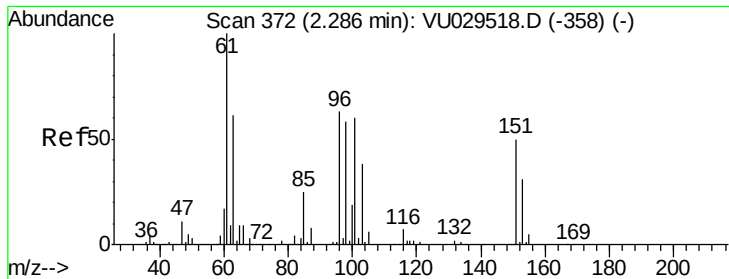
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.052 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029530.D

Acq: 18 Feb 2019 15:21

Instrument :

MSVOA_U

ClientSampleId :

ESXG8

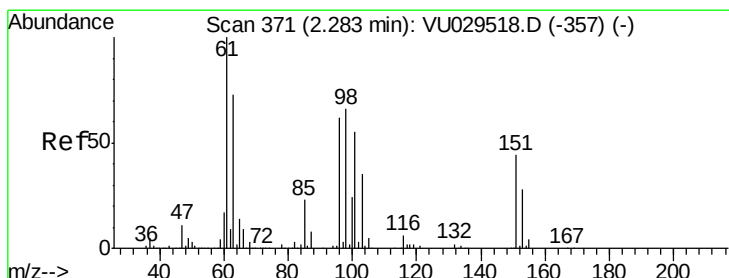
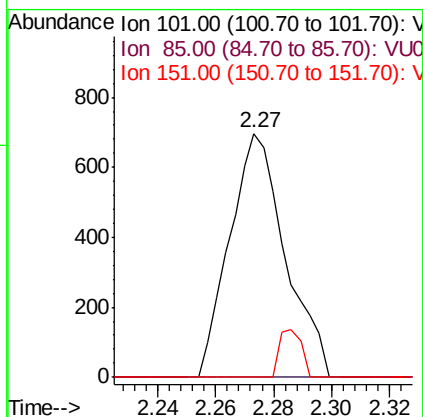
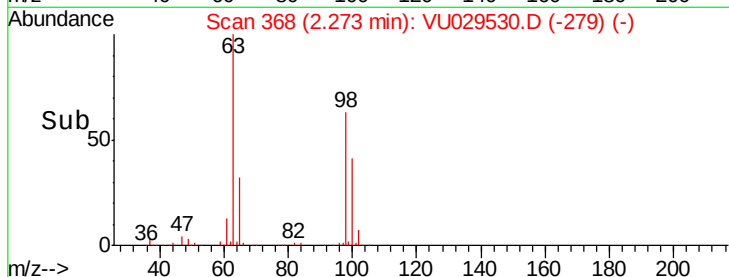
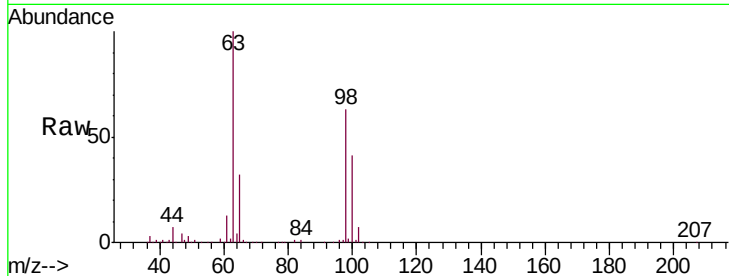
Tgt Ion: 101 Resp: 926

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 7.8 67.0 100.6#



#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029530.D

Acq: 18 Feb 2019 15:21

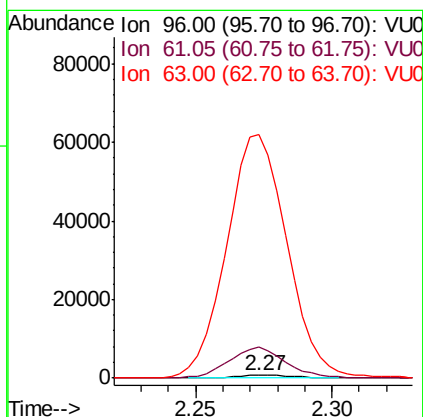
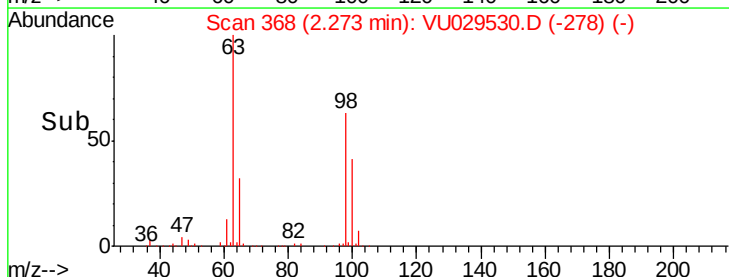
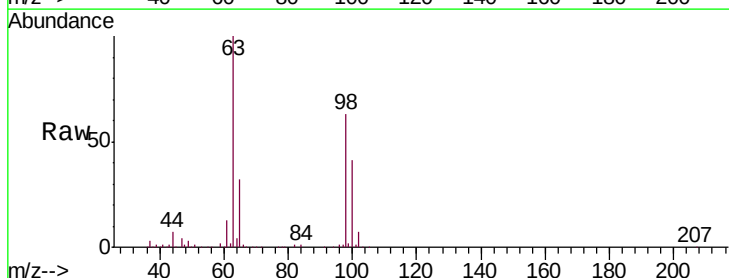
Tgt Ion: 96 Resp: 1124

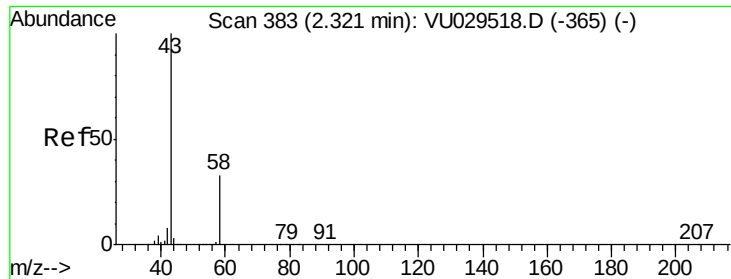
Ion Ratio Lower Upper

96 100

61 1104.1 115.1 213.7#

63 8789.8 83.5 155.1#





#13

Acetone

Concen: 5.014 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU029530.D

Acq: 18 Feb 2019 15:21

Instrument :

MSVOA_U

ClientSampleId :

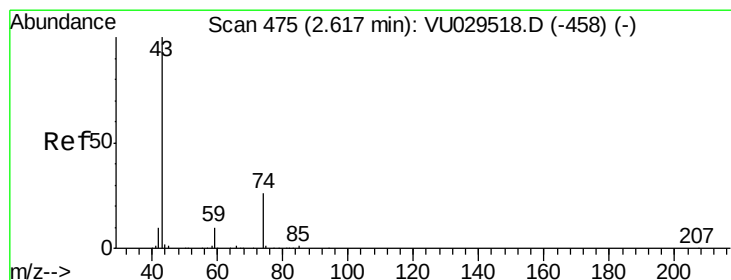
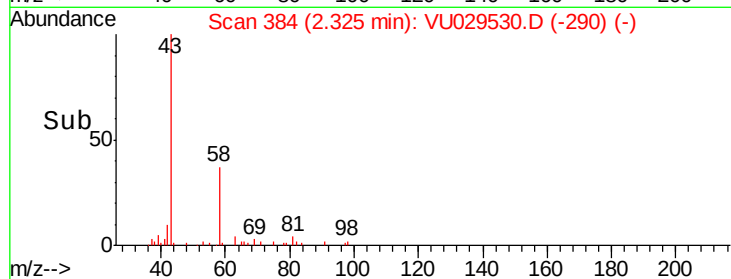
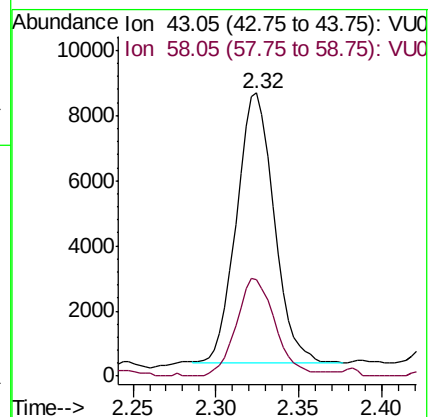
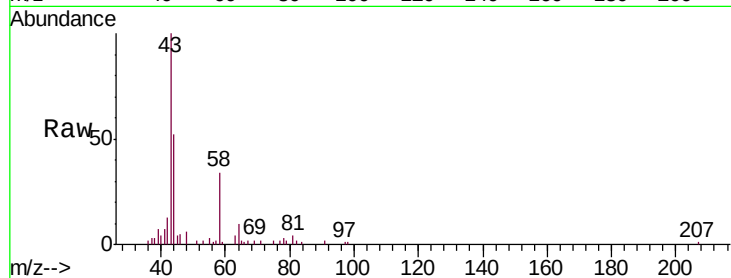
ESXG8

Tgt Ion: 43 Resp: 12993

Ion Ratio Lower Upper

43 100

58 37.7 0.0 65.0



#15

Methyl Acetate

Concen: 0.257 ug/L

RT: 2.61 min Scan# 474

Delta R.T. -0.00 min

Lab File: VU029530.D

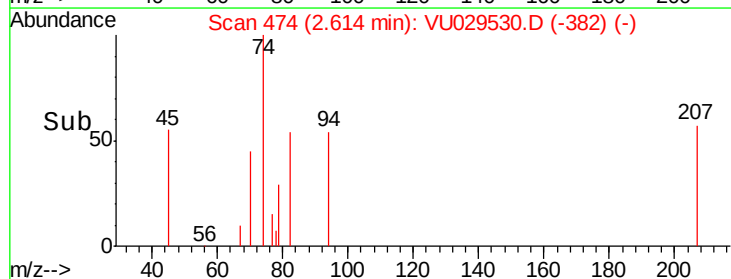
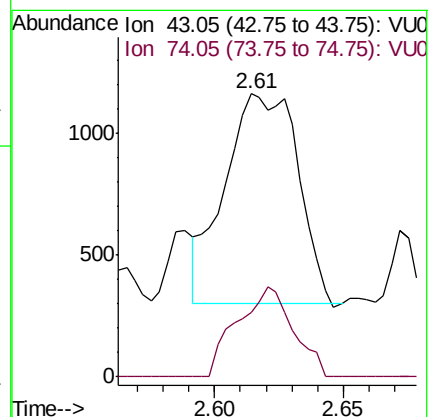
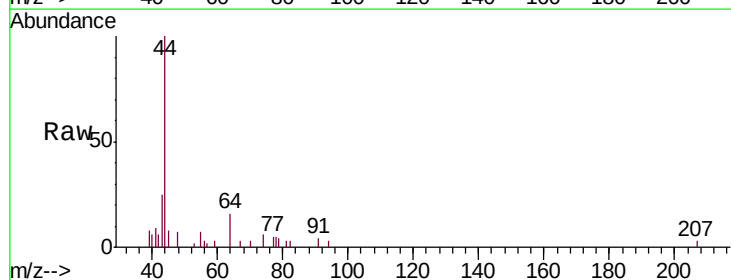
Acq: 18 Feb 2019 15:21

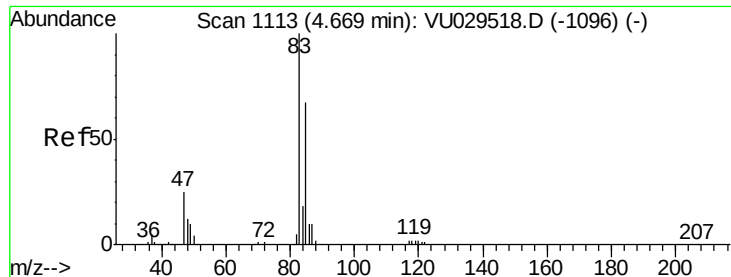
Tgt Ion: 43 Resp: 1704

Ion Ratio Lower Upper

43 100

74 32.7 22.3 33.5

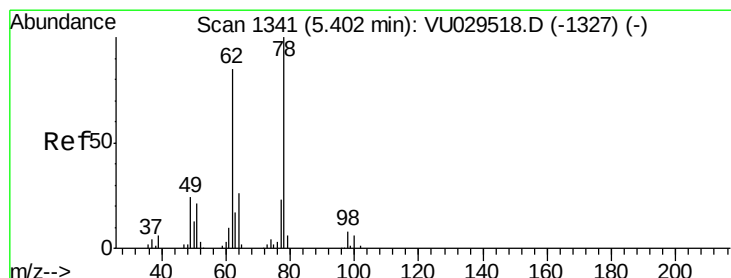
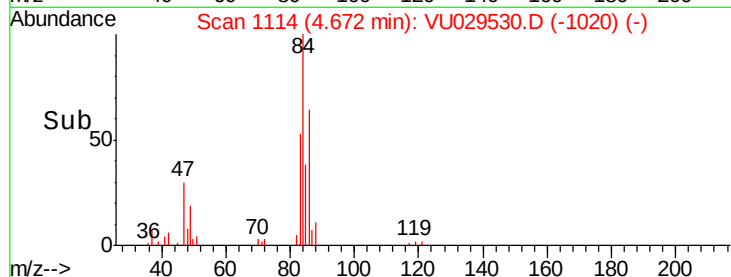
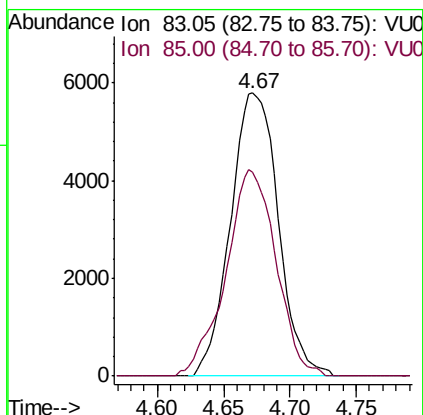
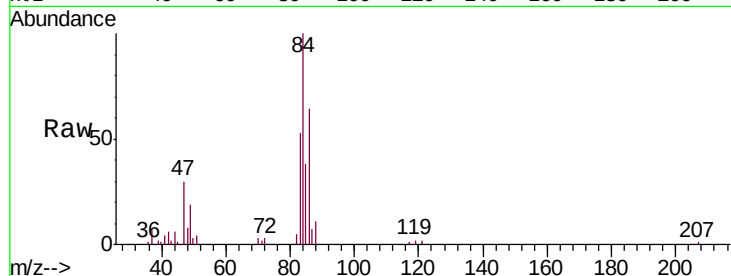




#25
Chloroform
Concen: 0.539 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029530.D
Acq: 18 Feb 2019 15:21

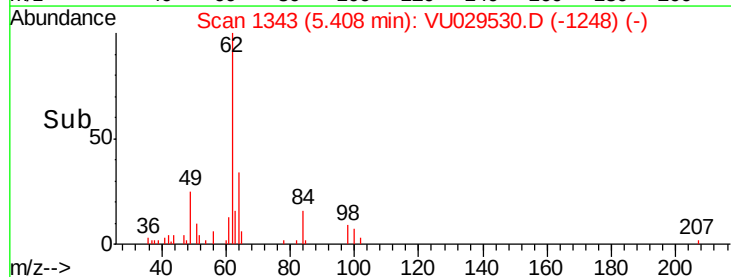
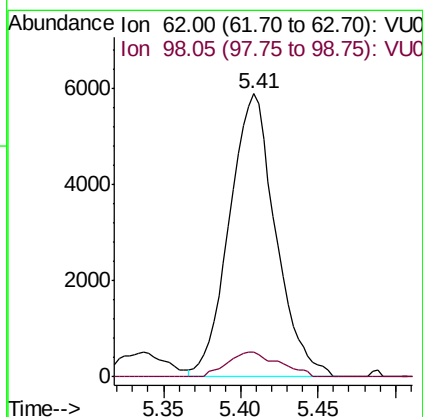
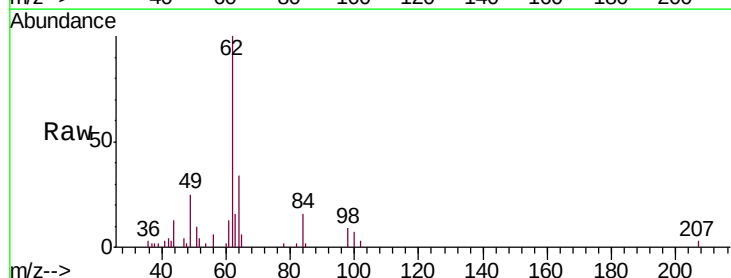
Instrument :
MSVOA_U
ClientSampleId :
ESXG8

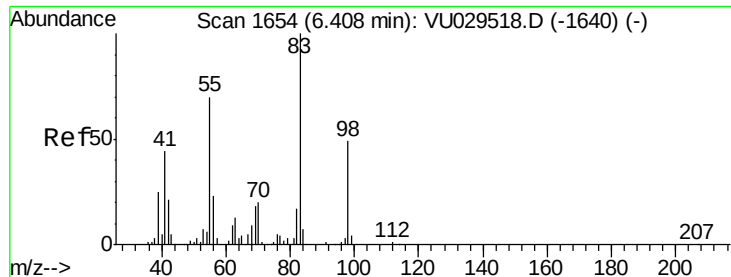
Tgt Ion: 83 Resp: 14547
Ion Ratio Lower Upper
83 100
85 72.0 47.8 88.8



#27
1,2-Dichloroethane
Concen: 0.783 ug/L
RT: 5.41 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VU029530.D
Acq: 18 Feb 2019 15:21

Tgt Ion: 62 Resp: 12245
Ion Ratio Lower Upper
62 100
98 8.6 8.4 12.6

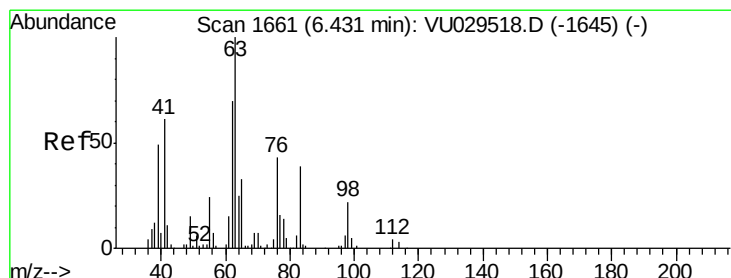
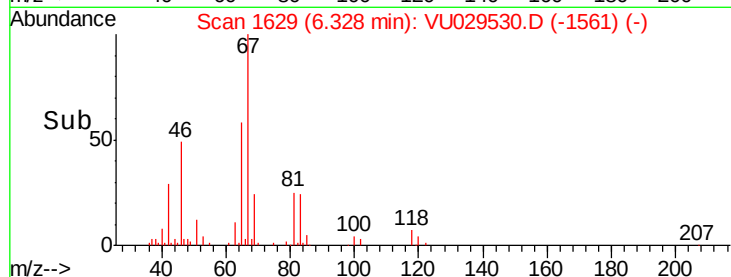
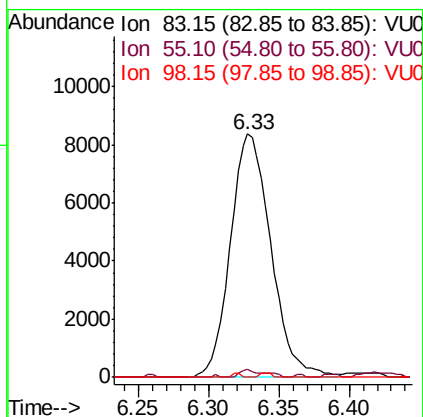
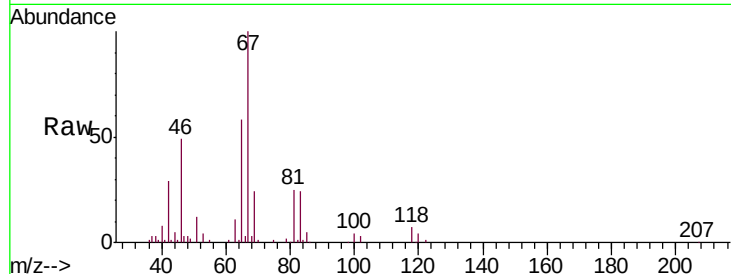




#35
Methylcyclohexane
Concen: 0.613 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029530.D
Acq: 18 Feb 2019 15:21

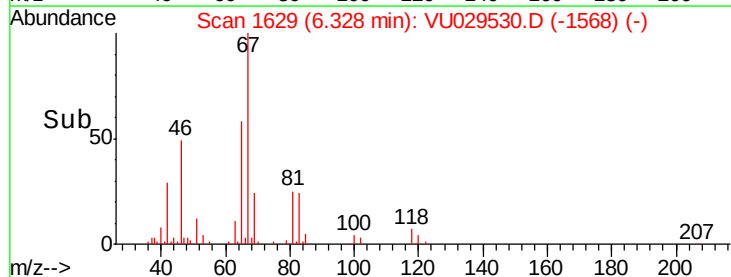
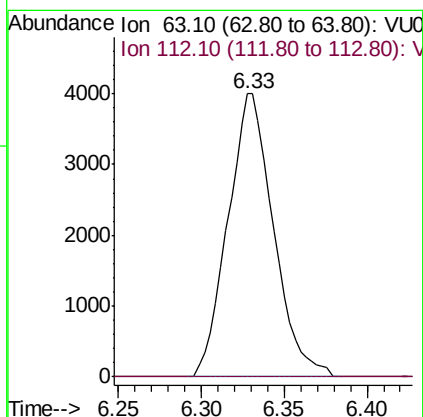
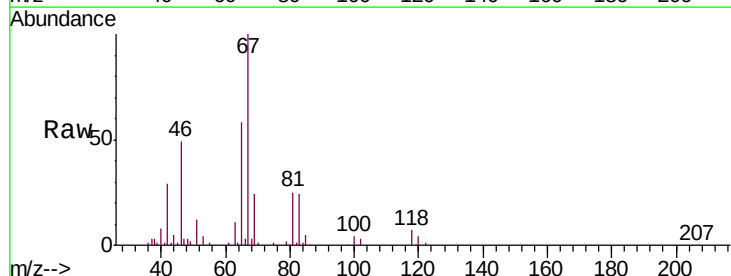
Instrument :
MSVOA_U
ClientSampleId :
ESXG8

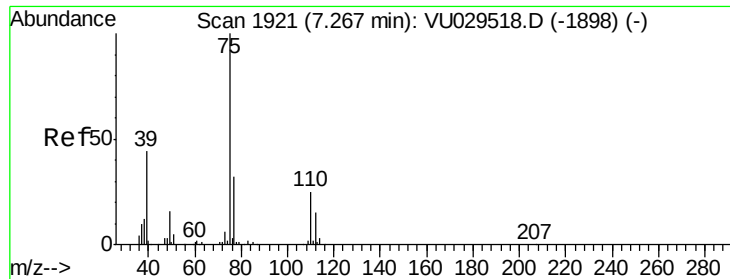
Tgt Ion: 83 Resp: 16839
Ion Ratio Lower Upper
83 100
55 1.3 55.9 83.9#
98 0.3 38.6 57.8#



#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029530.D
Acq: 18 Feb 2019 15:21

Tgt Ion: 63 Resp: 7629
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



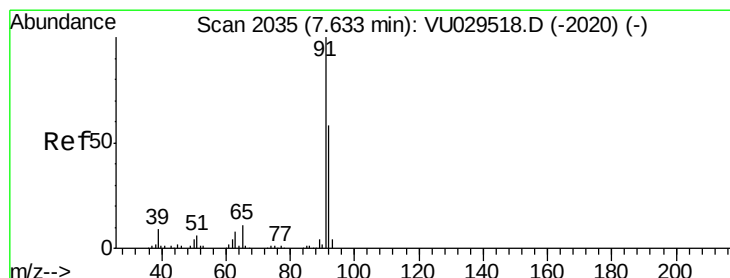
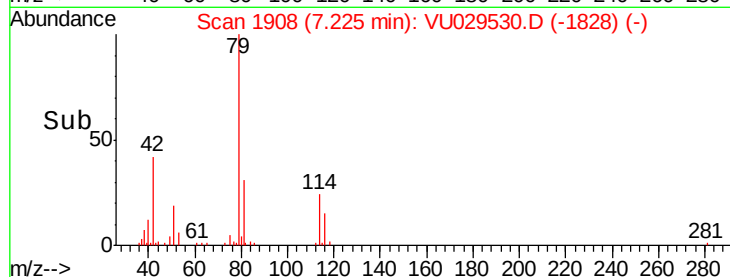
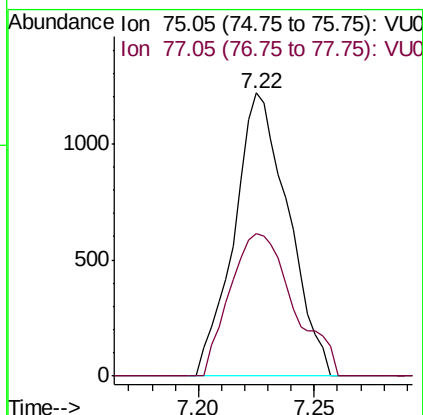
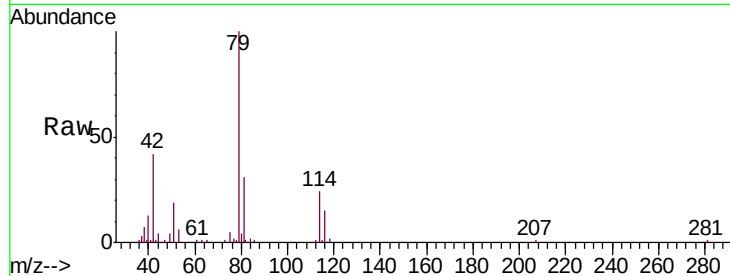


#39

cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029530.D
 Acq: 18 Feb 2019 15:21

Instrument :
 MSVOA_U
 ClientSampled :
 ESXG8

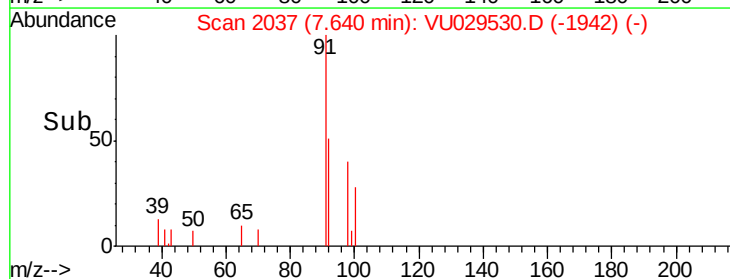
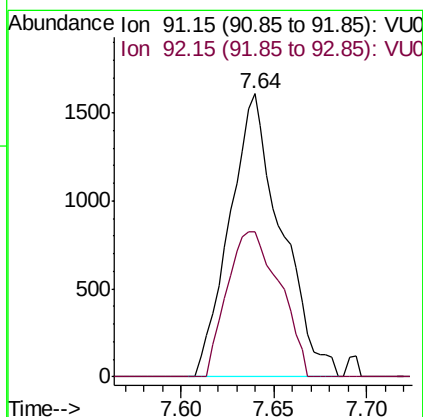
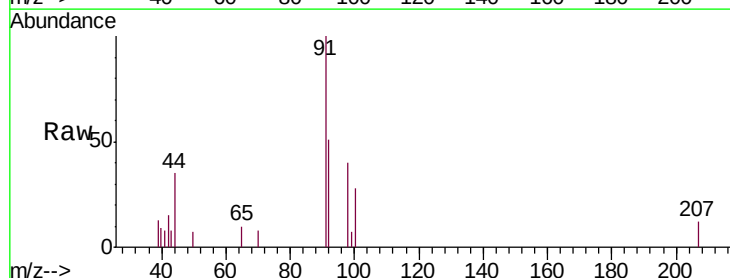
Tgt Ion: 75 Resp: 1976
 Ion Ratio Lower Upper
 75 100
 77 50.3 22.3 41.3#

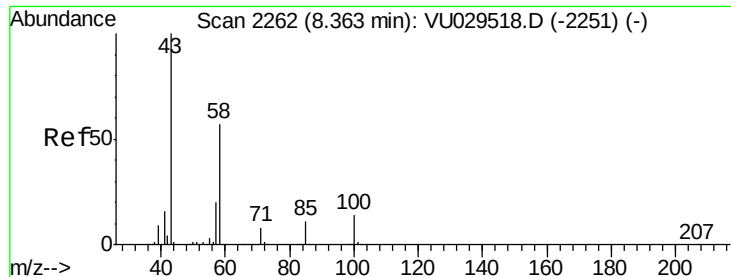


#42

Toluene
 Concen: 0.048 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VU029530.D
 Acq: 18 Feb 2019 15:21

Tgt Ion: 91 Resp: 3119
 Ion Ratio Lower Upper
 91 100
 92 51.4 39.8 73.8

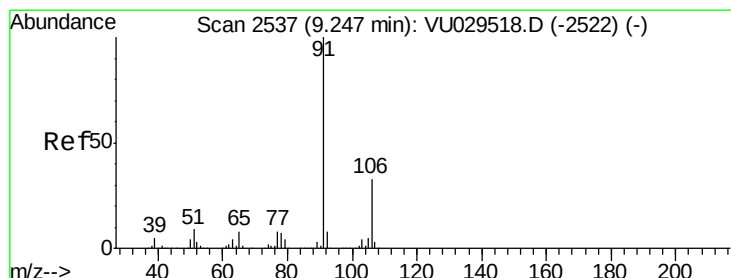
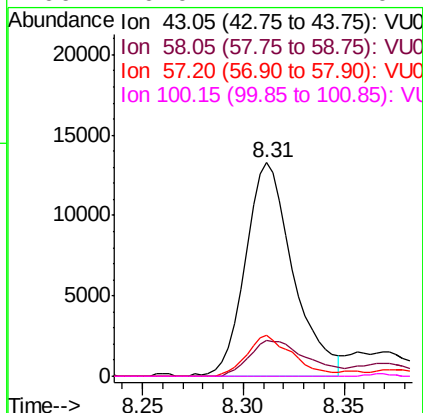
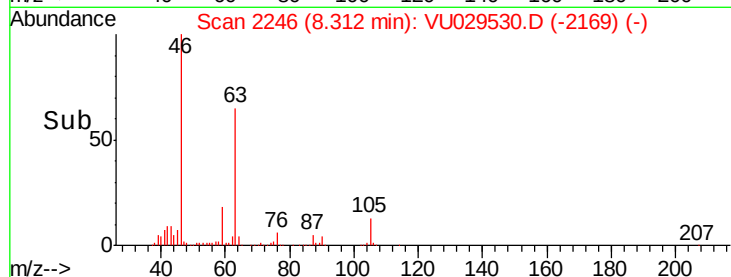
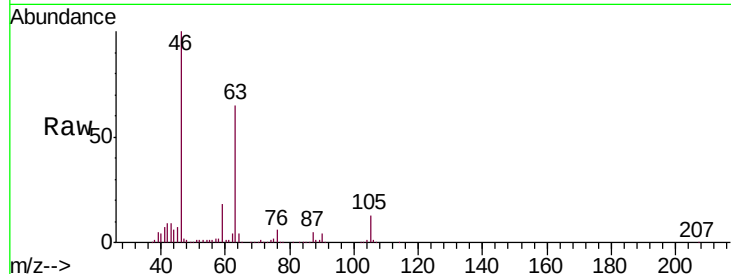




#48
2-Hexanone
Concen: 3.592 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU029530.D
Acq: 18 Feb 2019 15:21

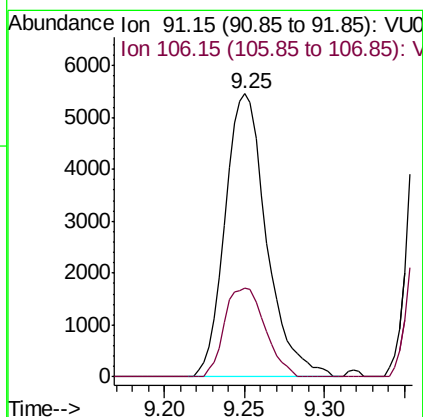
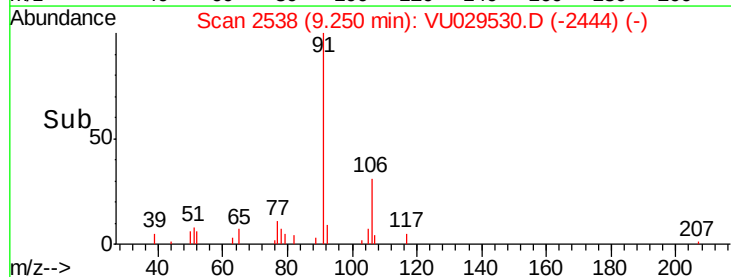
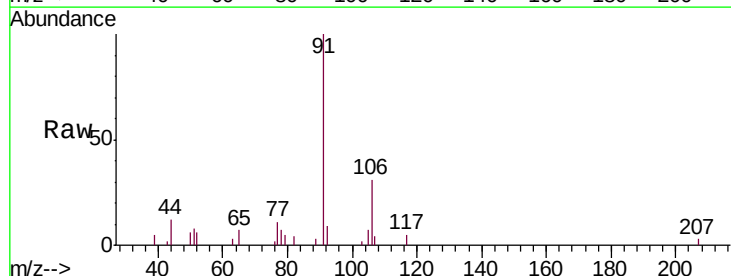
Instrument :
MSVOA_U
ClientSampleId :
ESXG8

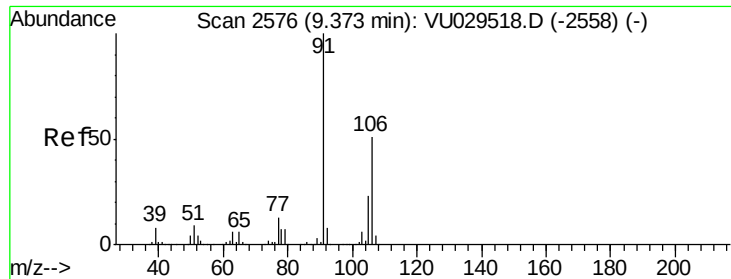
Tgt Ion: 43 Resp: 21936
Ion Ratio Lower Upper
43 100
58 20.3 45.7 68.5#
57 18.3 16.4 24.6
100 0.0 11.1 16.7#



#52
Ethylbenzene
Concen: 0.131 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU029530.D
Acq: 18 Feb 2019 15:21

Tgt Ion: 91 Resp: 9654
Ion Ratio Lower Upper
91 100
106 31.5 22.8 42.4





#53

m,p-xylene

Concen: 0.593 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029530.D

Acq: 18 Feb 2019 15:21

Instrument :

MSVOA_U

ClientSampleId :

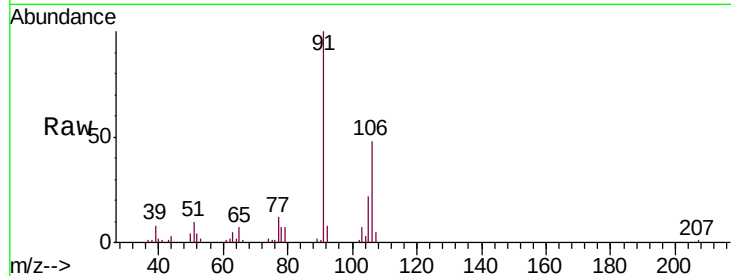
ESXG8

Tgt Ion:106 Resp: 17452

Ion Ratio Lower Upper

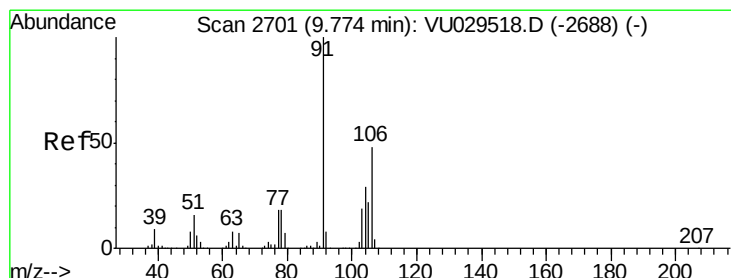
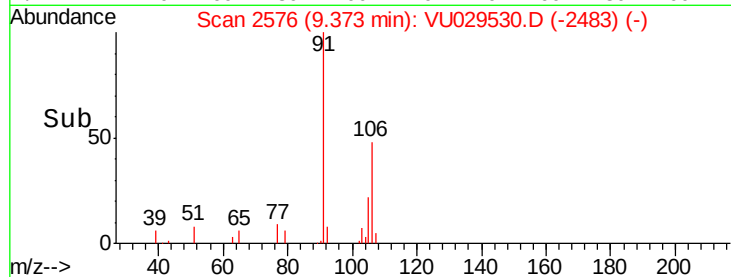
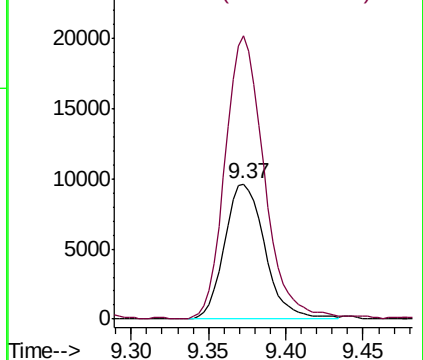
106 100

91 209.3 135.7 251.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-xylene

Concen: 0.319 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU029530.D

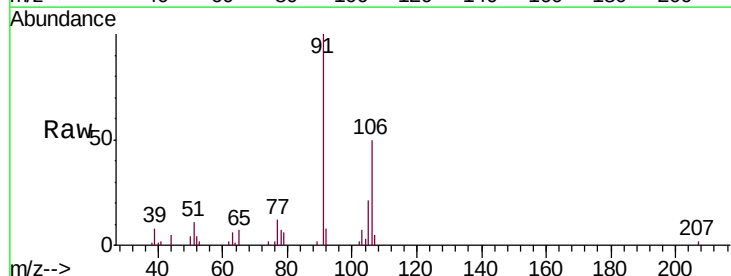
Acq: 18 Feb 2019 15:21

Tgt Ion:106 Resp: 9221

Ion Ratio Lower Upper

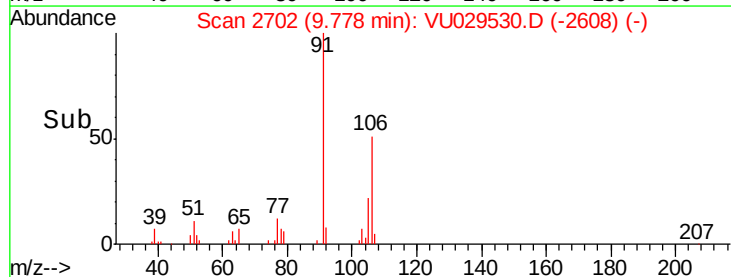
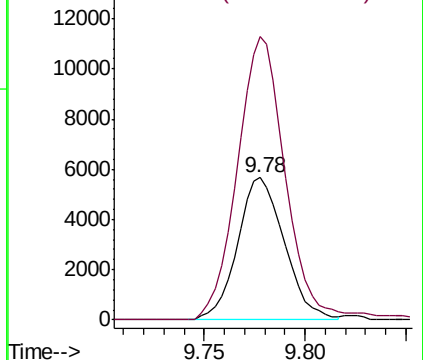
106 100

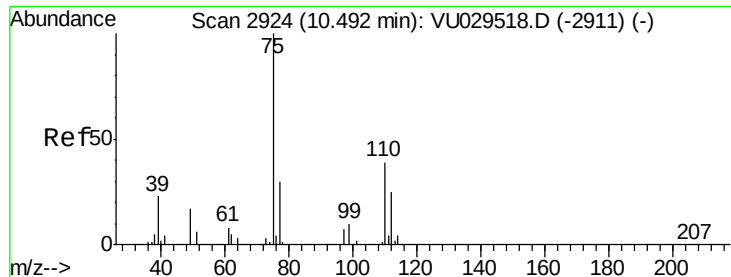
91 198.8 145.1 269.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.149 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029530.D

Acq: 18 Feb 2019 15:21

Instrument :

MSVOA_U

ClientSampleId :

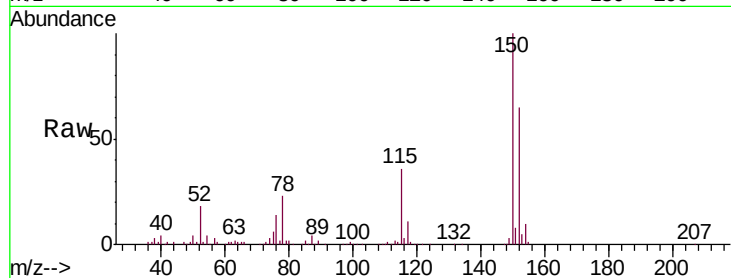
ESXG8

Tgt Ion: 75 Resp: 10709

Ion Ratio Lower Upper

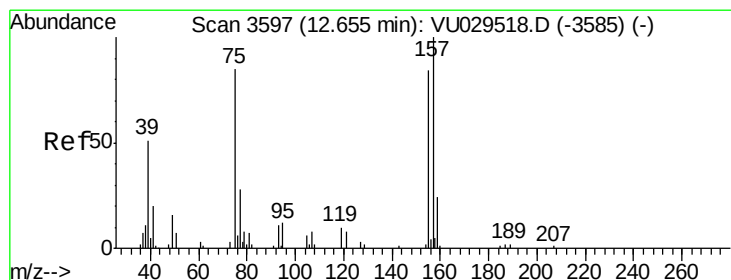
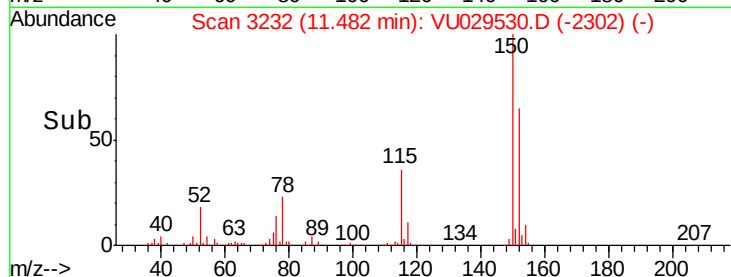
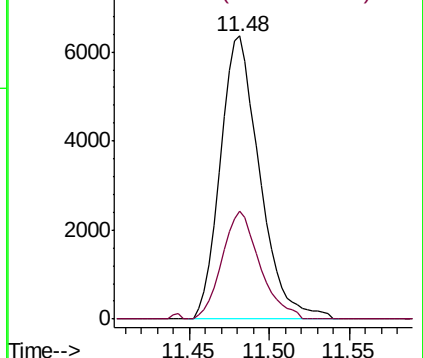
75 100

77 36.6 28.2 42.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.208 ug/L

RT: 12.48 min Scan# 3542

Delta R.T. -0.18 min

Lab File: VU029530.D

Acq: 18 Feb 2019 15:21

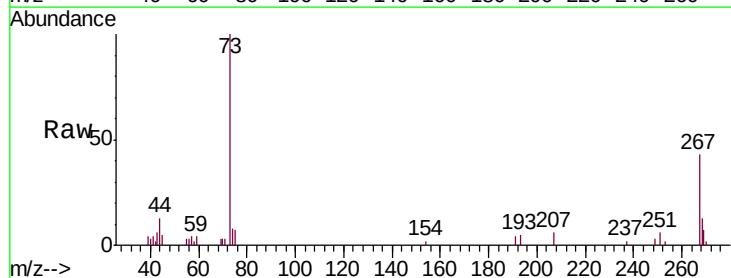
Tgt Ion: 75 Resp: 468

Ion Ratio Lower Upper

75 100

155 0.0 75.3 112.9#

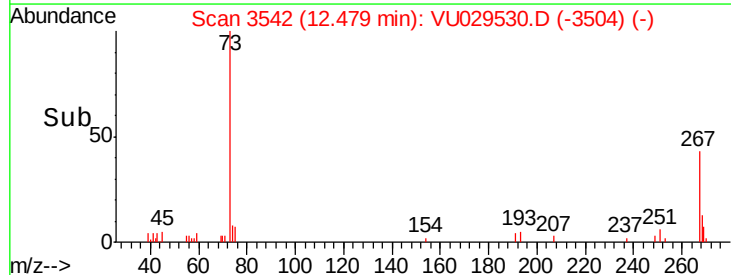
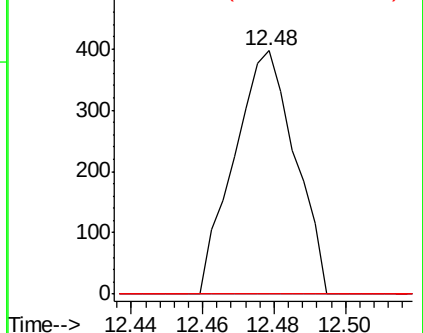
157 0.0 103.0 154.4#

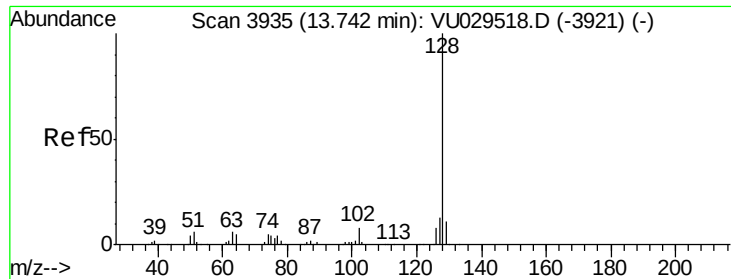


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V





#69

Naphthalene

Concen: 0.041 ug/L

RT: 13.75 min Scan# 3938

Delta R.T. 0.01 min

Lab File: VU029530.D

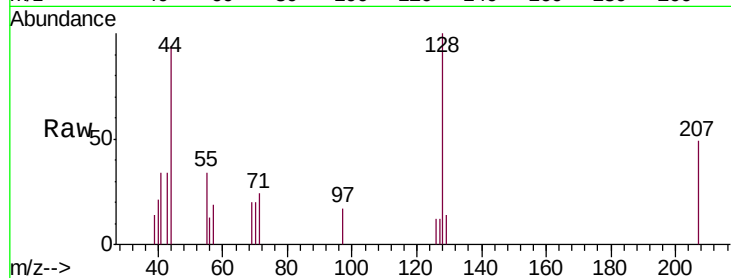
Acq: 18 Feb 2019 15:21

Instrument :

MSVOA_U

ClientSampleId :

ESXG8



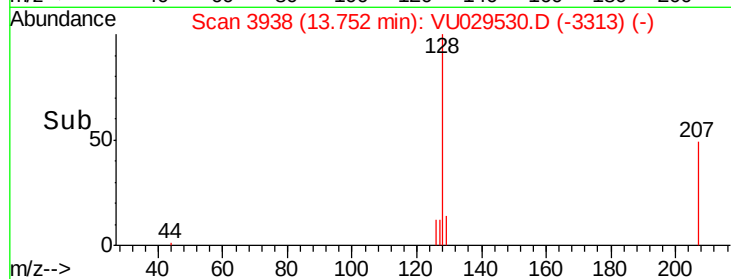
Tgt Ion:128 Resp: 1896

Ion Ratio Lower Upper

128 100

129 2.7 8.7 13.1#

127 9.6 10.3 15.5#



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

