

Data File : VU029484.D
Acq On : 15 Feb 2019 02:39
Operator : JC/SP
Sample : K1438-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXC6

Quant Time: Feb 15 03:49:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	187876	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	178078	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93493	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45397	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.68	69	45974	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.27	63	82218	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.19	46	129307	49.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.54%
24) Chloroform-d	4.65	84	89044	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	48916	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.34	84	187135	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.33	67	58642	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.56	98	180277	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.85	79	21363	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.31	63	130904	50.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	51776	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	81822	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Qvalue	
8) Chloroethane	1.59	64	33165	2.815	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	957	0.059	ug/L #	16
12) 1,1-Dichloroethene	2.28	96	906	0.059	ug/L #	1
13) Acetone	2.33	43	12037	5.048	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	1755	0.116	ug/L	97
25) Chloroform	4.68	83	5493	0.221	ug/L	96
27) 1,2-Dichloroethane	5.41	62	2452	0.171	ug/L #	85
35) Methylcyclohexane	6.42	83	1525	0.062	ug/L #	83
37) 1,2-Dichloropropane	6.33	63	6408	0.488	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1398	0.068	ug/L #	60
42) Toluene	7.64	91	9614	0.163	ug/L	99
48) 2-Hexanone	8.36	43	1799	0.326	ug/L #	46
52) Ethylbenzene	9.25	91	7052	0.106	ug/L	92
53) m,p-xylene	9.37	106	15739	0.592	ug/L	97
54) o-xylene	9.78	106	10241	0.393	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	9093	1.080	ug/L	91
69) Naphthalene	13.75	128	5966	0.149	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Quantitation Report (Not Reviewed)

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Operator : JC/SP
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

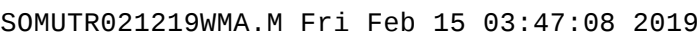
Instrument :
MSVOA_U
ClientSampleId :
ESXC6

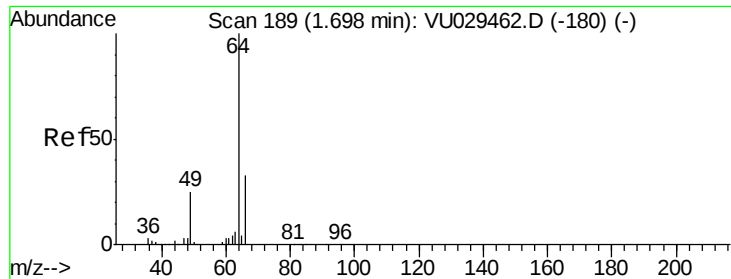
Quant Time: Feb 15 03:49:17 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Feb 15 03:49:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
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#8

Chloroethane

Concen: 2.815 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.11 min

Lab File: VU029484.D

Acq: 15 Feb 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

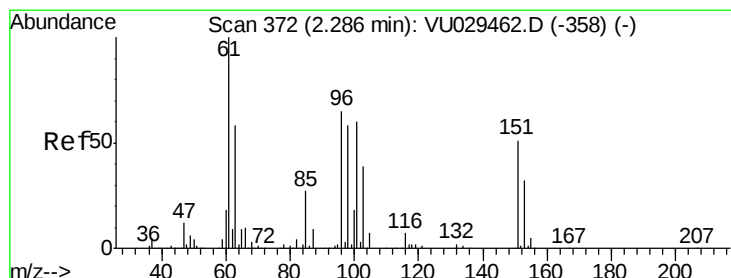
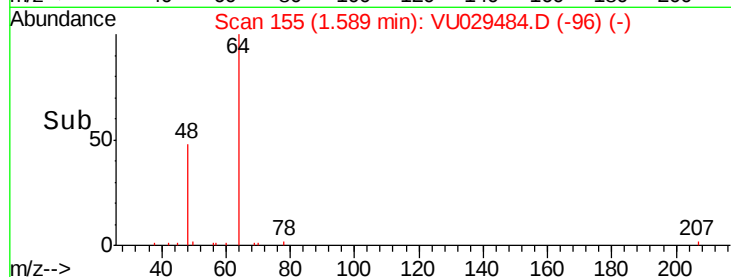
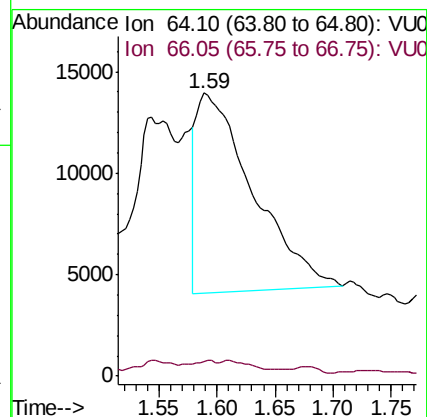
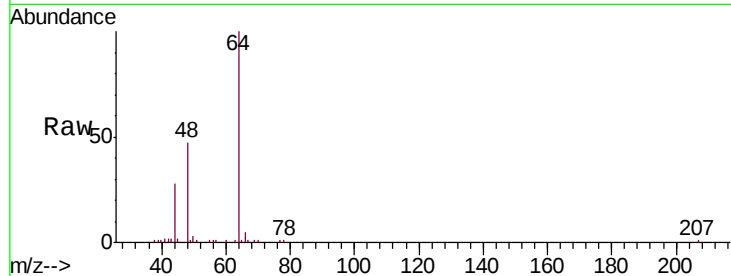
ESXC6

Tgt Ion: 64 Resp: 33165

Ion Ratio Lower Upper

64 100

66 5.0 22.0 40.8#



#10

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

Concen: 0.059 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029484.D

Acq: 15 Feb 2019 02:39

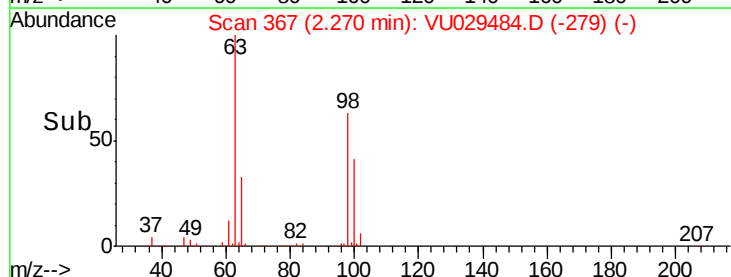
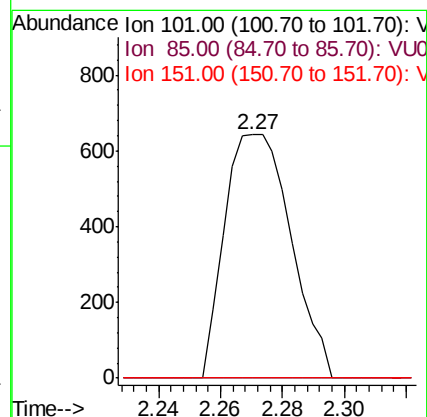
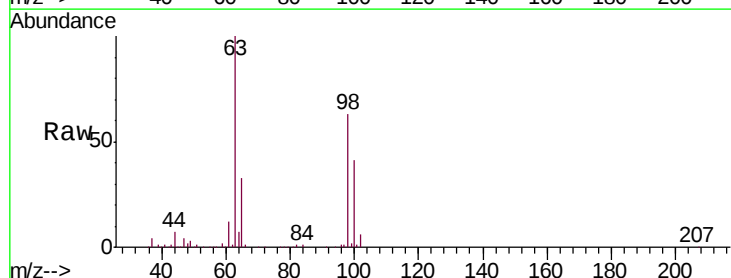
Tgt Ion: 101 Resp: 957

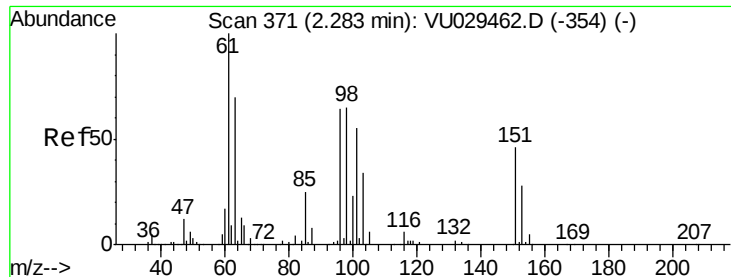
Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 67.0 100.6#

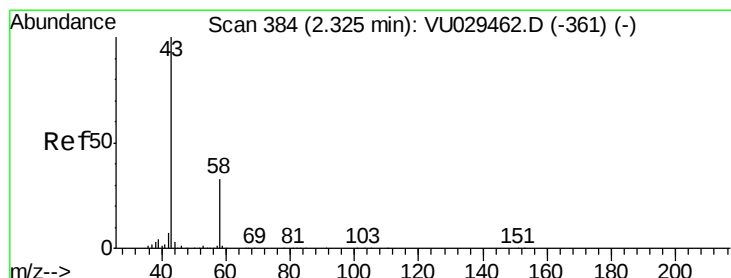
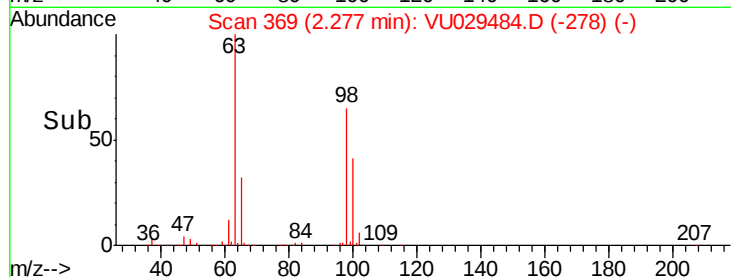
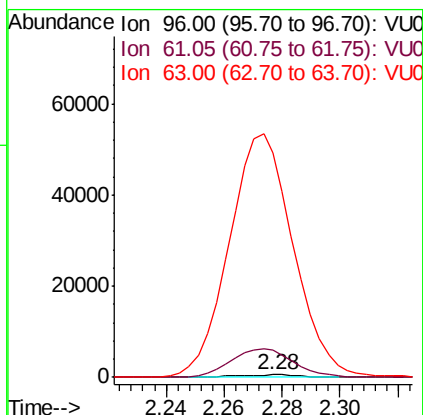
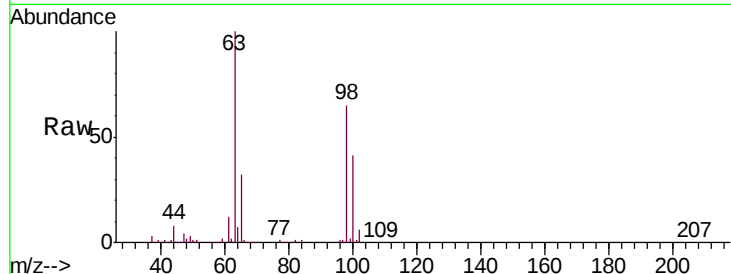




#12
 1,1-Dichloroethene
 Concen: 0.059 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.01 min
 Lab File: VU029484.D
 Acq: 15 Feb 2019 02:39

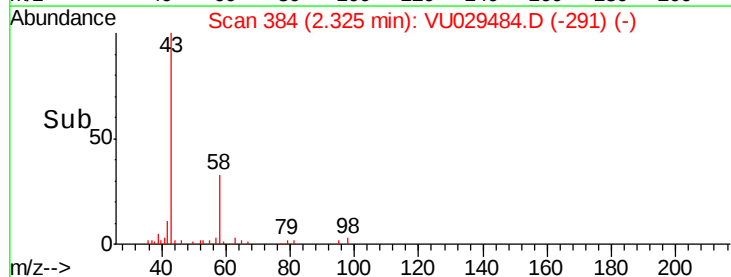
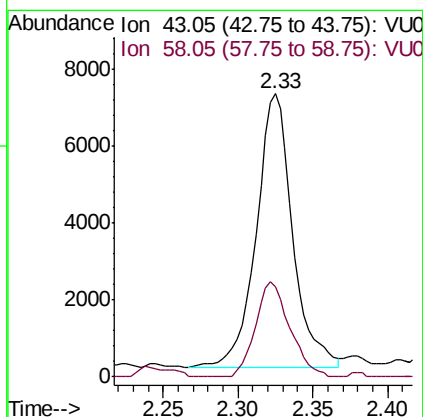
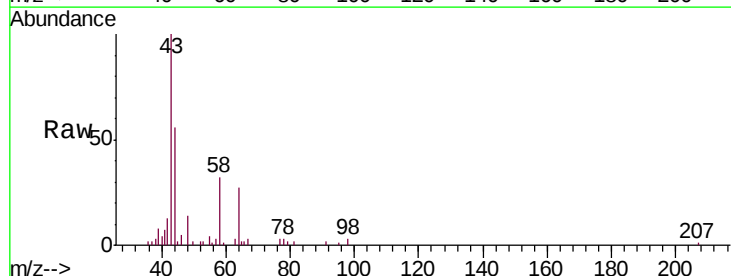
Instrument :
 MSVOA_U
 ClientSampleId :
 ESXC6

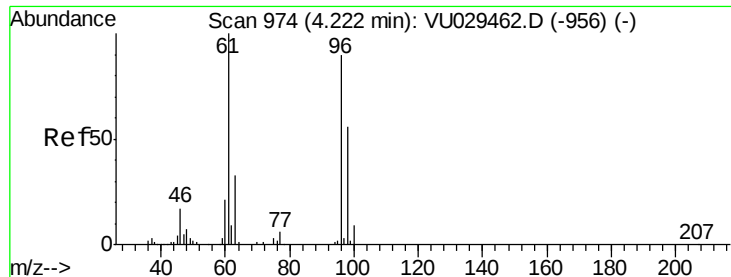
Tgt Ion: 96 Resp: 906
 Ion Ratio Lower Upper
 96 100
 61 1045.1 115.1 213.7#
 63 8770.1 83.5 155.1#



#13
 Acetone
 Concen: 5.048 ug/L
 RT: 2.33 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VU029484.D
 Acq: 15 Feb 2019 02:39

Tgt Ion: 43 Resp: 12037
 Ion Ratio Lower Upper
 43 100
 58 32.8 0.0 65.0





#22

cis-1,2-Dichloroethene

Concen: 0.116 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029484.D

Acq: 15 Feb 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

ESXC6

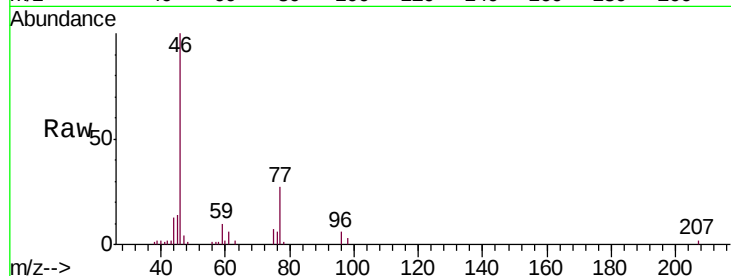
Tgt Ion: 96 Resp: 1755

Ion Ratio Lower Upper

96 100

61 111.2 79.9 148.5

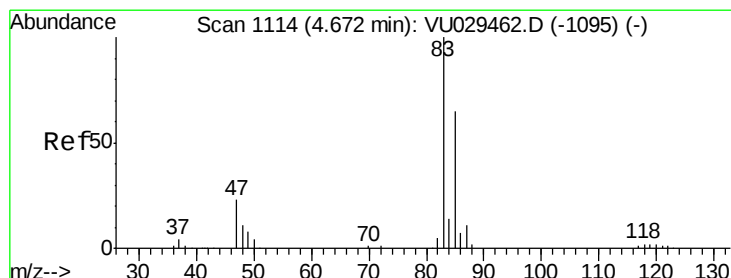
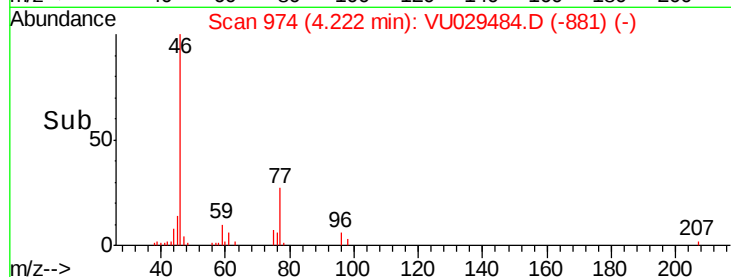
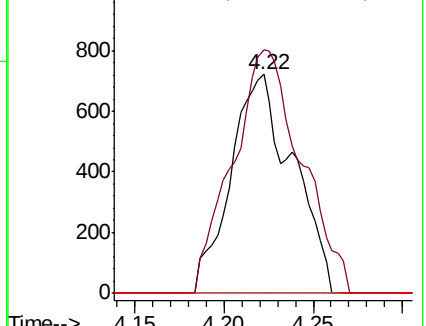
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#25

Chloroform

Concen: 0.221 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.00 min

Lab File: VU029484.D

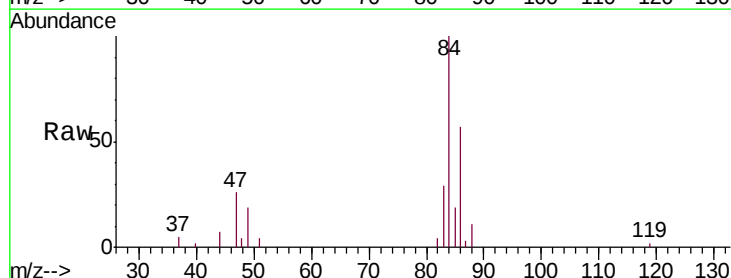
Acq: 15 Feb 2019 02:39

Tgt Ion: 83 Resp: 5493

Ion Ratio Lower Upper

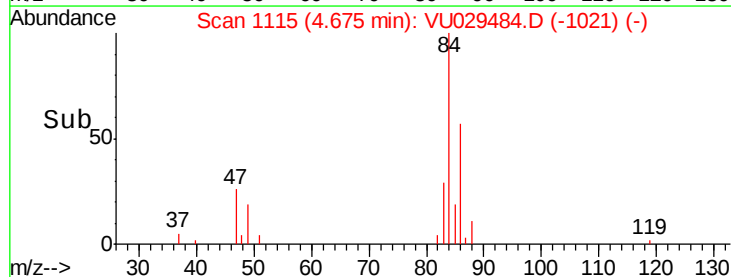
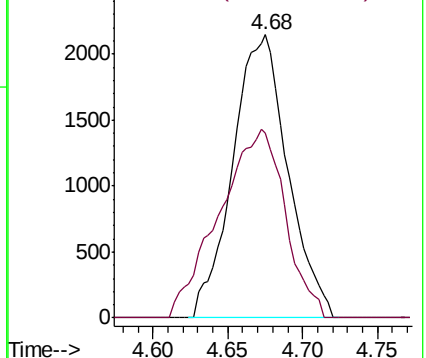
83 100

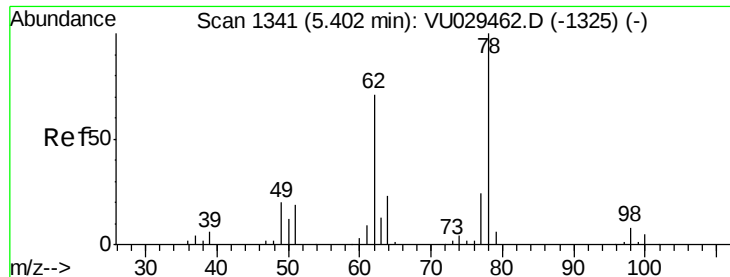
85 65.1 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#27

1,2-Dichloroethane

Concen: 0.171 ug/L

RT: 5.41 min Scan# 1344

Delta R.T. 0.01 min

Lab File: VU029484.D

Acq: 15 Feb 2019 02:39

Instrument :

MSVOA_U

ClientSampled :

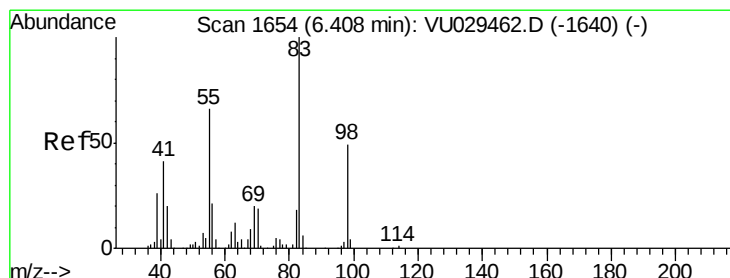
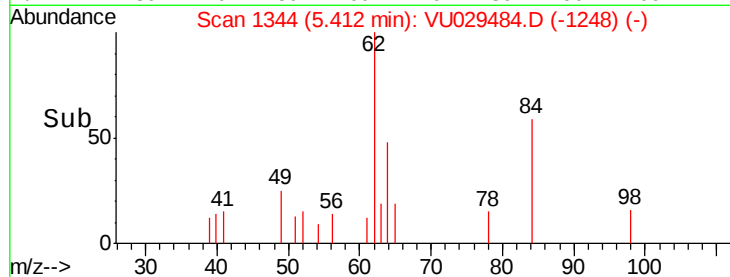
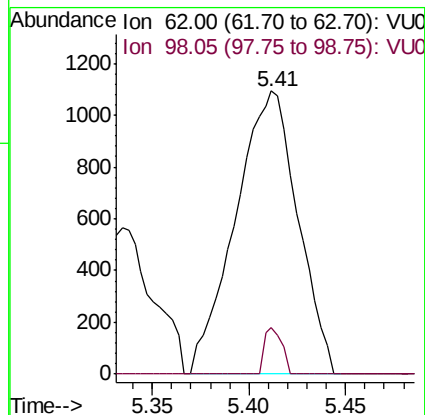
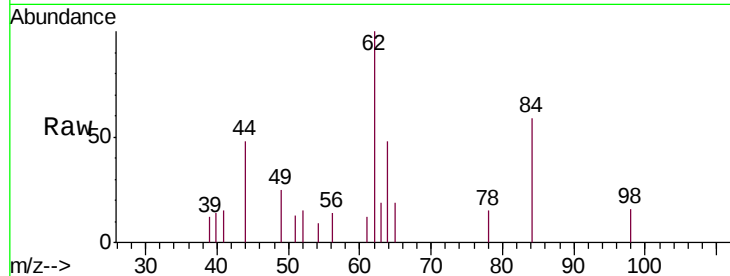
ESXC6

Tgt Ion: 62 Resp: 2452

Ion Ratio Lower Upper

62 100

98 16.3 8.4 12.6#



#35

Methylcyclohexane

Concen: 0.062 ug/L

RT: 6.42 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VU029484.D

Acq: 15 Feb 2019 02:39

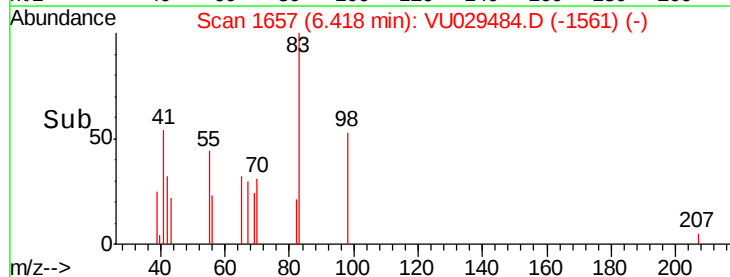
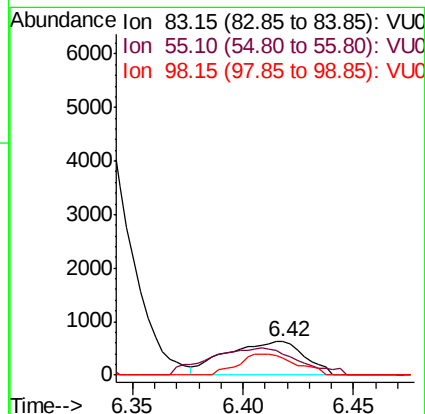
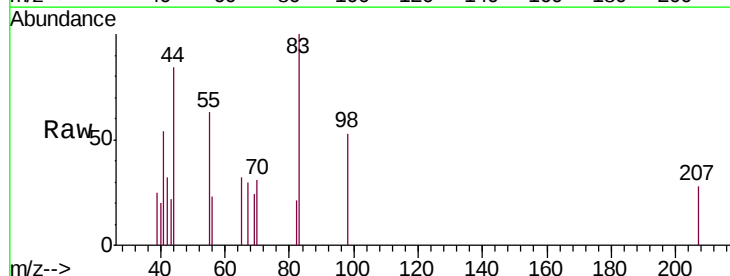
Tgt Ion: 83 Resp: 1525

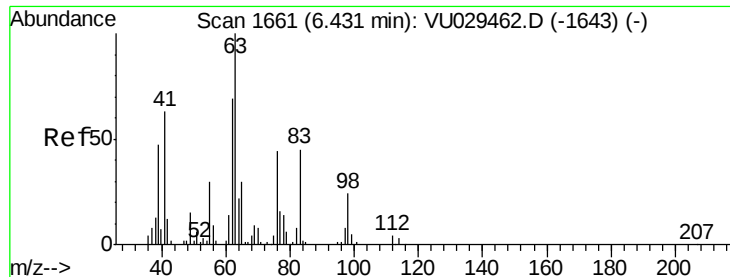
Ion Ratio Lower Upper

83 100

55 92.1 55.9 83.9#

98 46.4 38.6 57.8

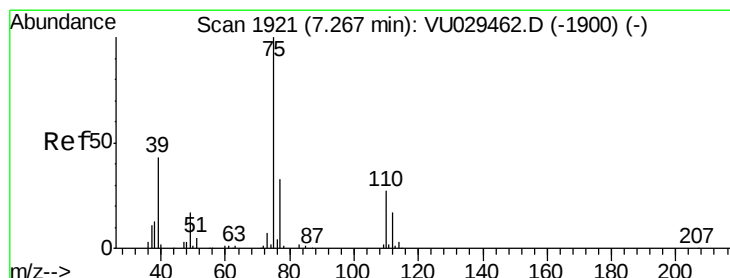
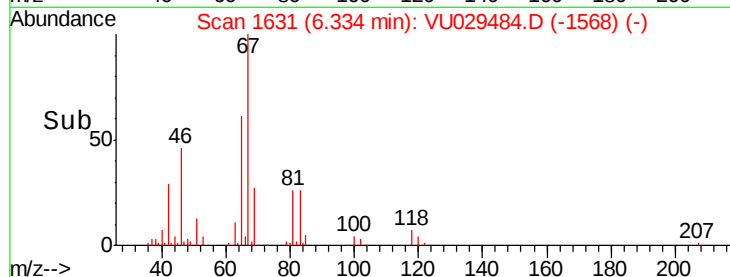
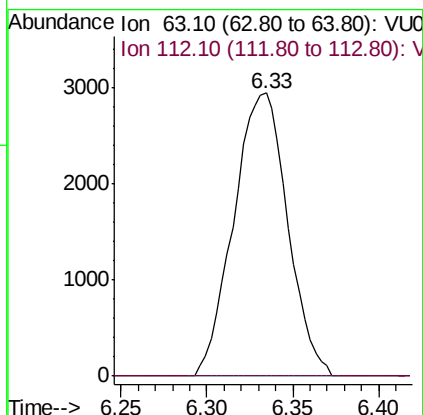
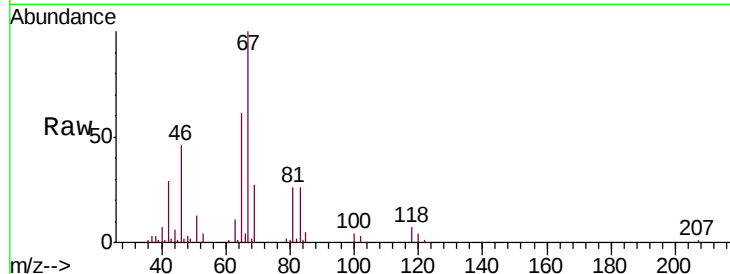




#37
 1,2-Dichloropropane
 Concen: 0.488 ug/L
 RT: 6.33 min Scan# 1631
 Delta R.T. -0.10 min
 Lab File: VU029484.D
 Acq: 15 Feb 2019 02:39

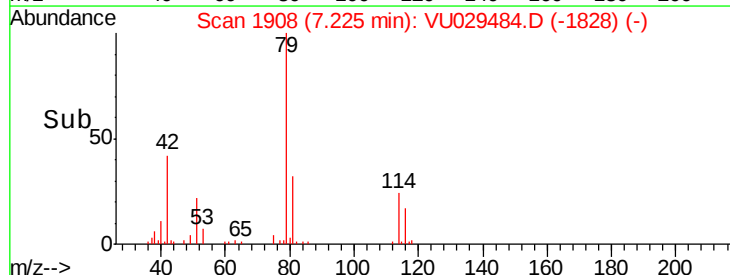
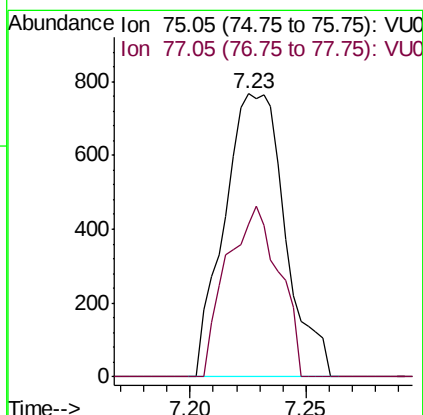
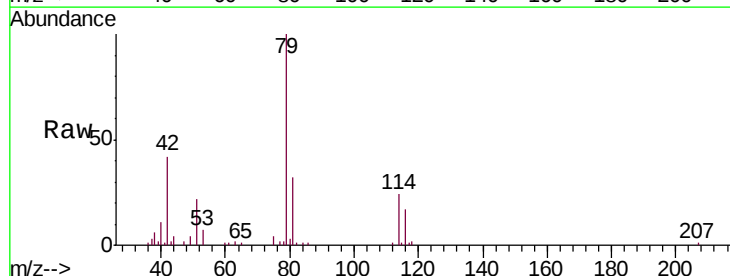
Instrument :
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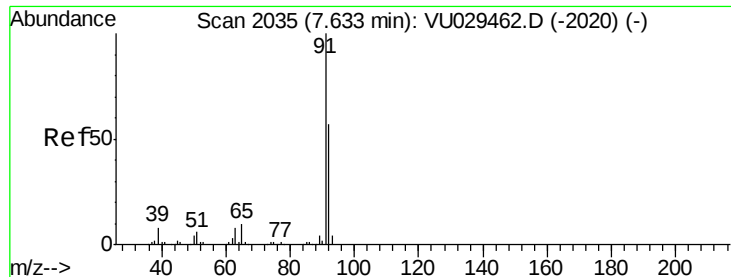
Tgt Ion: 63 Resp: 6408
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 7.23 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029484.D
 Acq: 15 Feb 2019 02:39

Tgt Ion: 75 Resp: 1398
 Ion Ratio Lower Upper
 75 100
 77 53.8 22.3 41.3#





#42

Toluene

Concen: 0.163 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029484.D

Acq: 15 Feb 2019 02:39

Instrument :

MSVOA_U

ClientSampled :

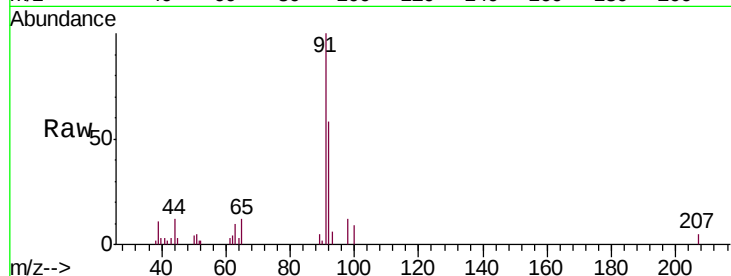
ESXC6

Tgt Ion: 91 Resp: 9614

Ion Ratio Lower Upper

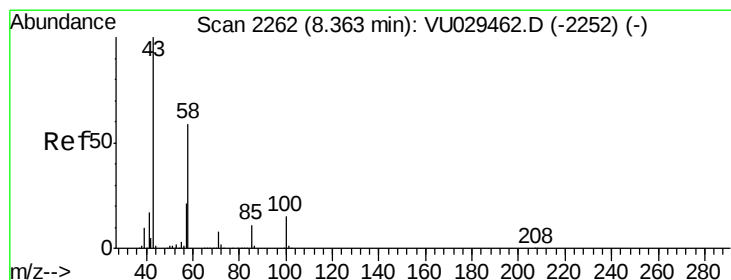
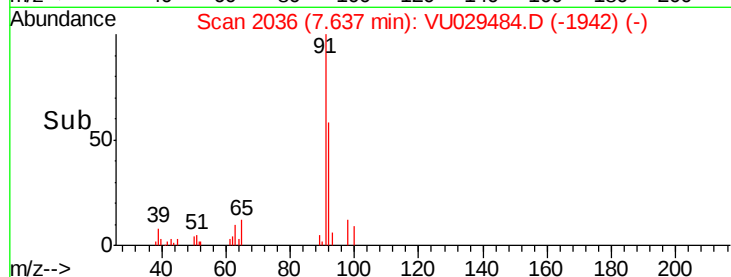
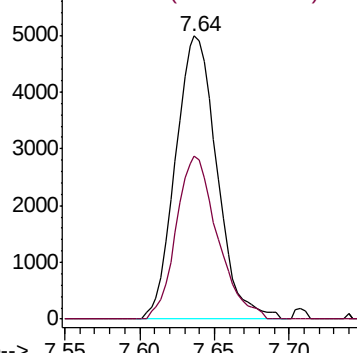
91 100

92 57.7 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#48

2-Hexanone

Concen: 0.326 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VU029484.D

Acq: 15 Feb 2019 02:39

Tgt Ion: 43 Resp: 1799

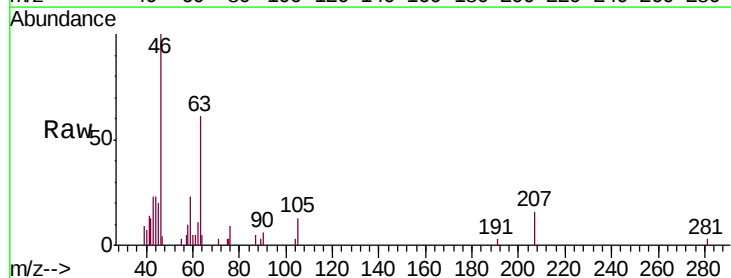
Ion Ratio Lower Upper

43 100

58 0.0 45.7 68.5#

57 22.3 16.4 24.6

100 0.0 11.1 16.7#

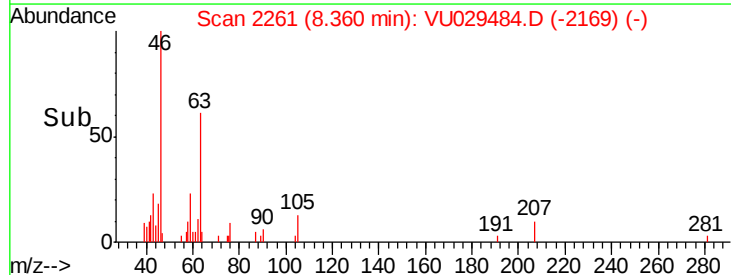
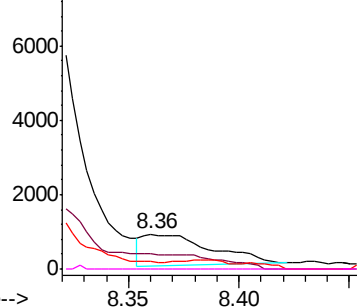


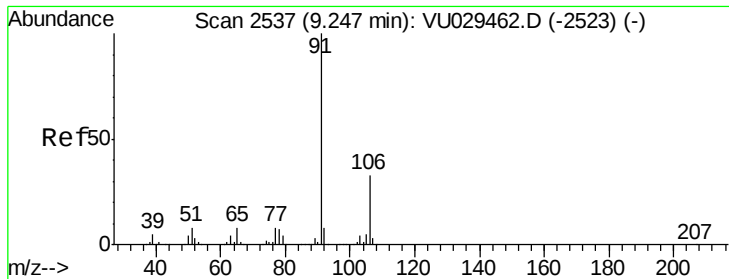
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#52

Ethylbenzene

Concen: 0.106 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU029484.D

Acq: 15 Feb 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

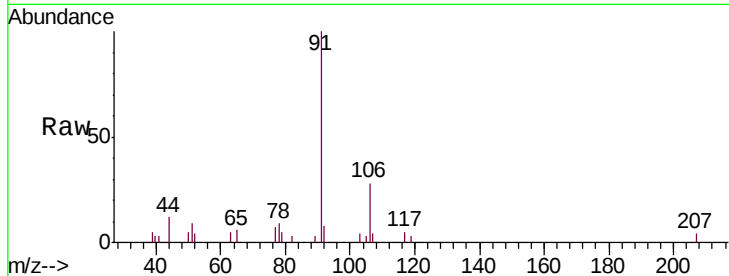
ESXC6

Tgt Ion: 91 Resp: 7052

Ion Ratio Lower Upper

91 100

106 27.9 22.8 42.4



Abundance Ion 91.15 (90.85 to 91.85): VU029462.D (-2523) (-)

Ion 106.15 (105.85 to 106.85): VU029462.D (-2523) (-)

9.25

4000

3000

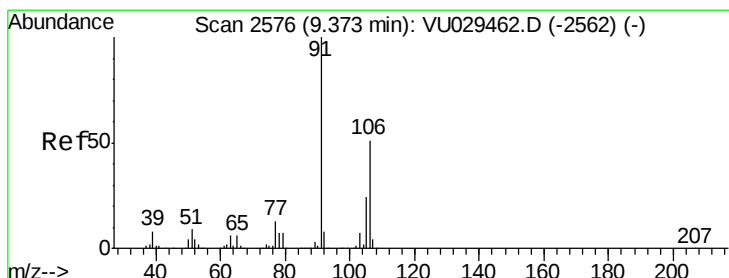
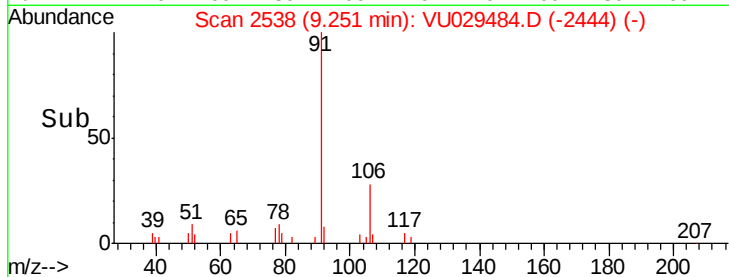
2000

1000

0

9.20 9.25 9.30

Time-->



#53

m,p-xylene

Concen: 0.592 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029484.D

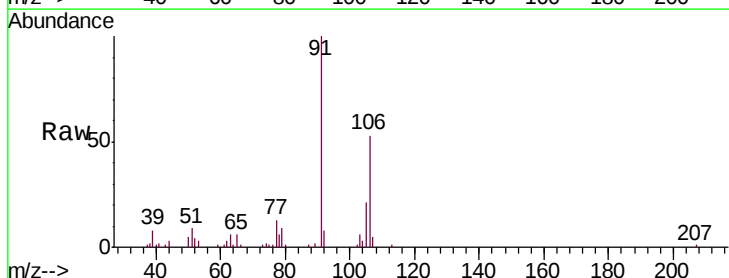
Acq: 15 Feb 2019 02:39

Tgt Ion: 106 Resp: 15739

Ion Ratio Lower Upper

106 100

91 189.2 135.7 251.9



Abundance Ion 106.15 (105.85 to 106.85): VU029462.D (-2562) (-)

Ion 91.15 (90.85 to 91.85): VU029462.D (-2562) (-)

9.37

20000

15000

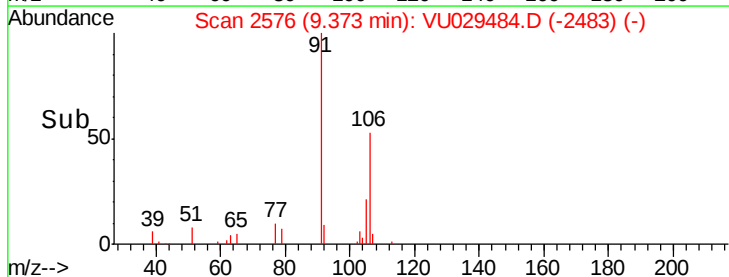
10000

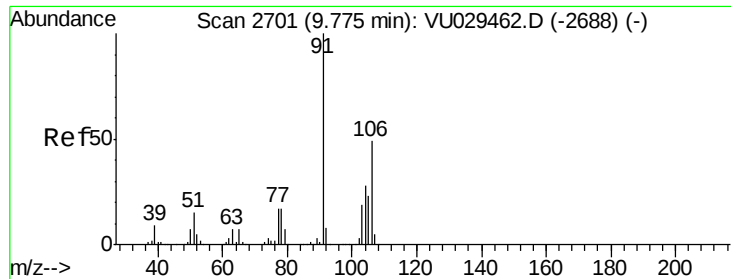
5000

0

9.30 9.35 9.40 9.45

Time-->





#54

o-xylene

Concen: 0.393 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU029484.D

Acq: 15 Feb 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

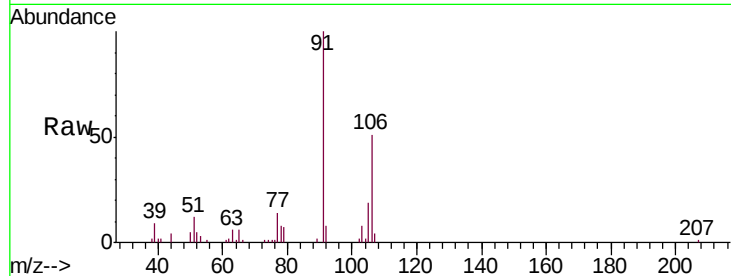
ESXC6

Tgt Ion:106 Resp: 10241

Ion Ratio Lower Upper

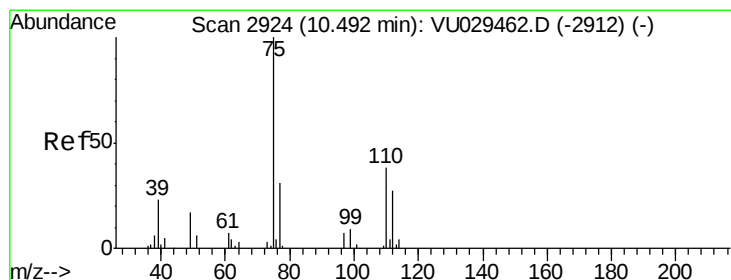
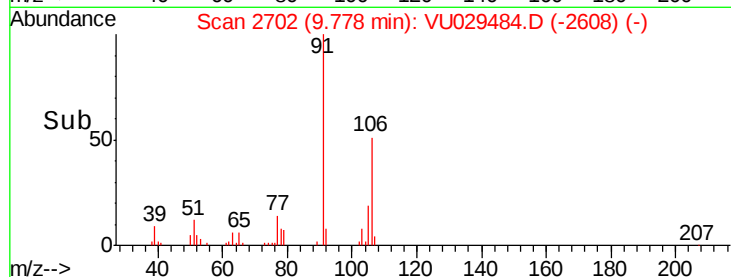
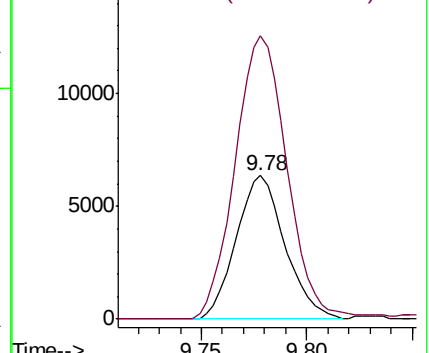
106 100

91 197.5 145.1 269.5



Abundance Ion 106.15 (105.85 to 106.85): VU029462.D (-2688) (-)

Ion 91.15 (90.85 to 91.85): VU029462.D (-2688) (-)



#59

1,2,3-Trichloropropane

Concen: 1.080 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029484.D

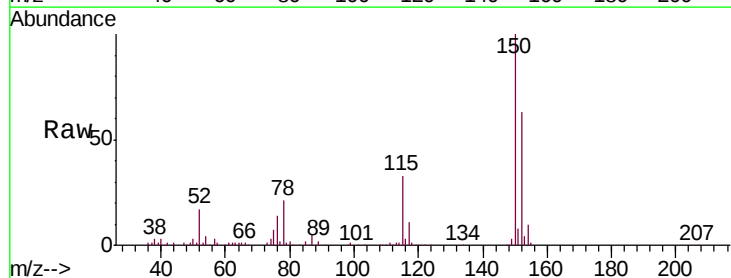
Acq: 15 Feb 2019 02:39

Tgt Ion: 75 Resp: 9093

Ion Ratio Lower Upper

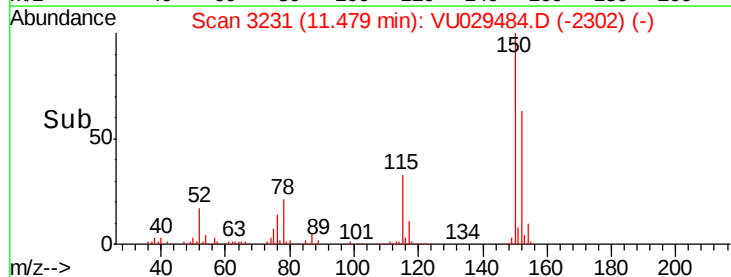
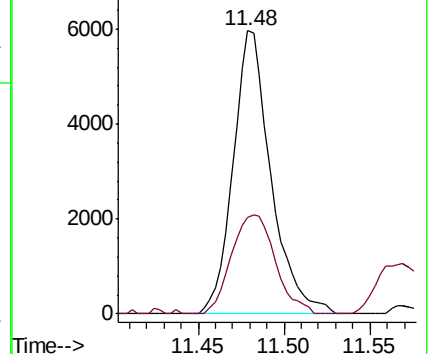
75 100

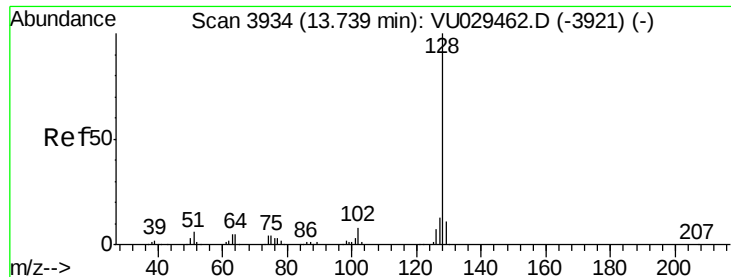
77 40.7 28.2 42.2



Abundance Ion 75.00 (74.70 to 75.70): VU029462.D (-2912) (-)

Ion 77.00 (76.70 to 77.70): VU029462.D (-2912) (-)





#69

Naphthalene

Concen: 0.149 ug/L

RT: 13.75 min Scan# 3938

Delta R.T. 0.01 min

Lab File: VU029484.D

Acq: 15 Feb 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

ESXC6

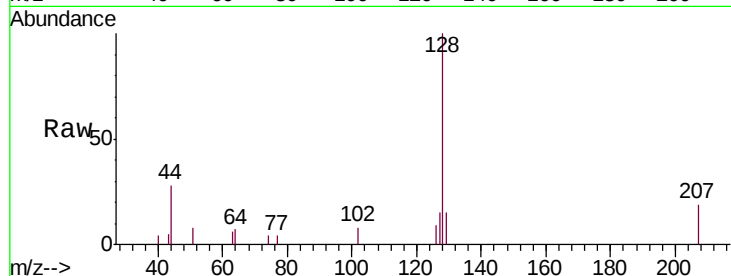
Tgt Ion:128 Resp: 5966

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 12.9 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

