

Data File : VU029468.D
Acq On : 14 Feb 2019 20:19
Operator : JC/SP
Sample : K1438-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXC0

Quant Time: Feb 15 01:58:33 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	185215	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	169594	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89891	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53767	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.68	69	50230	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.27	63	84634	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.19	46	143053	55.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.58%
24) Chloroform-d	4.65	84	100281	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.31	65	52217	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.34	84	203815	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.33	67	60832	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.56	98	188755	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.85	79	24420	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.31	63	143140	57.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	54616	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	85402	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

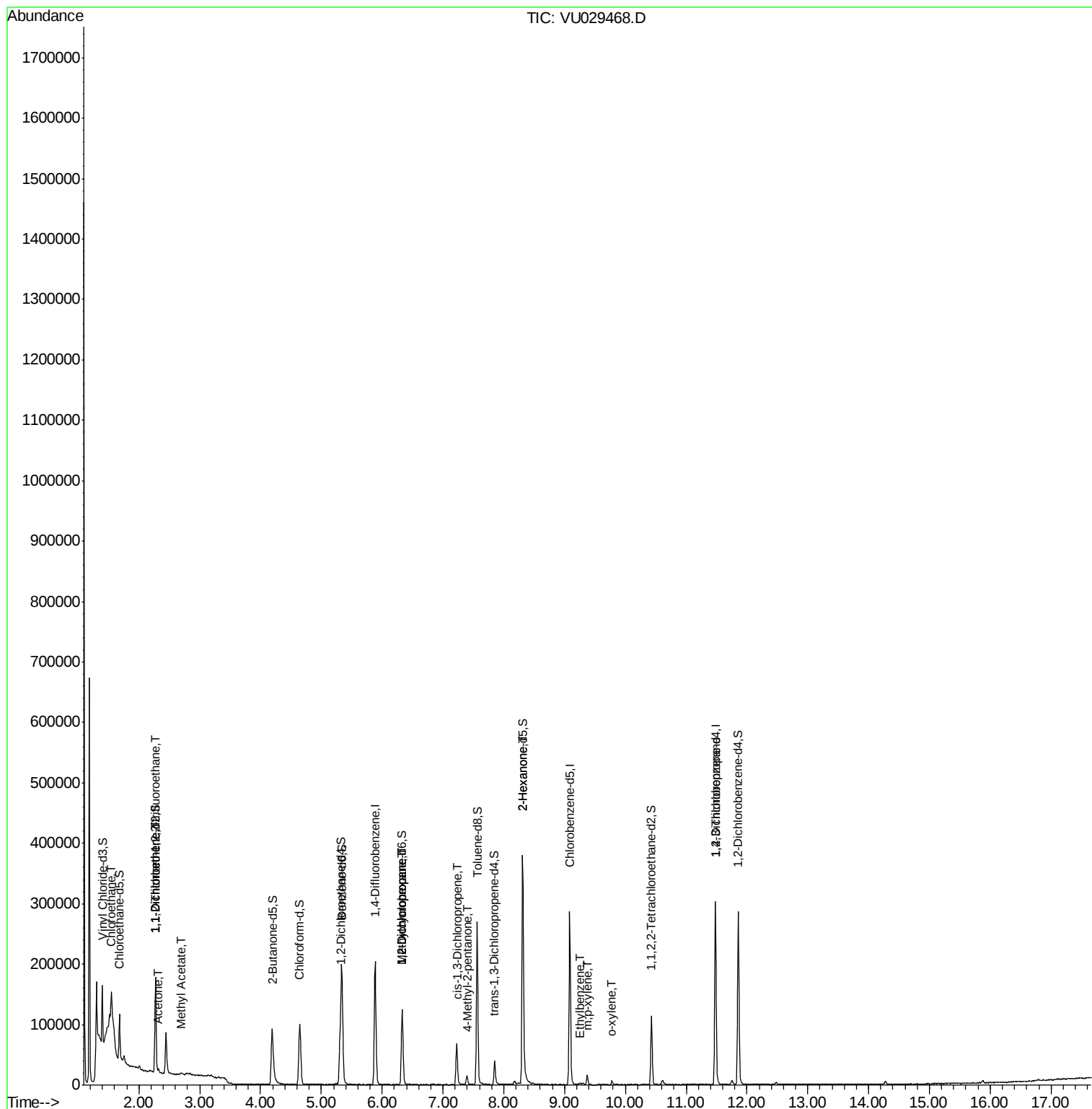
					Qvalue	
8) Chloroethane	1.55	64	353042	30.396	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	796	0.049	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1197	0.079	ug/L #	1
13) Acetone	2.32	43	5877	2.500	ug/L	94
15) Methyl Acetate	2.71	43	631	0.105	ug/L #	54
35) Methylcyclohexane	6.33	83	13942	0.590	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	6569	0.525	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1844	0.094	ug/L	83
40) 4-Methyl-2-pentanone	7.40	43	6321	0.877	ug/L #	41
48) 2-Hexanone	8.31	43	14964	2.849	ug/L #	67
52) Ethylbenzene	9.25	91	2621	0.041	ug/L	95
53) m,p-xylene	9.38	106	5032	0.199	ug/L	91
54) o-xylene	9.78	106	1796	0.072	ug/L	82
59) 1,2,3-Trichloropropane	11.48	75	9010	1.123	ug/L	99

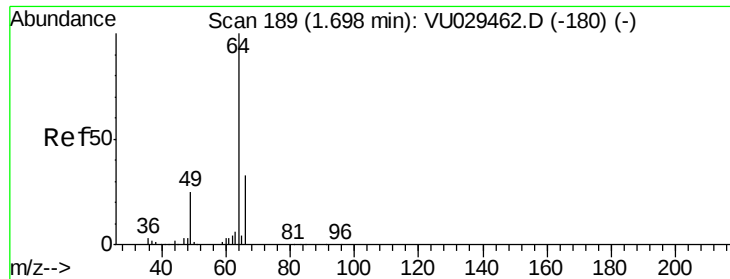
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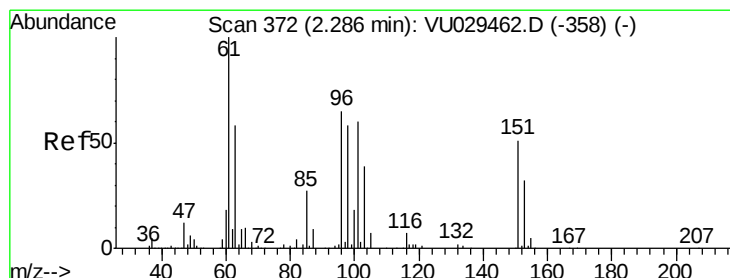
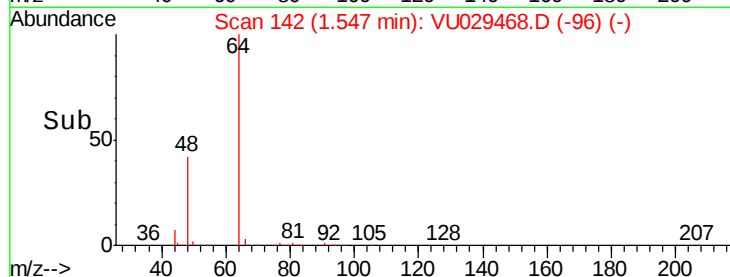
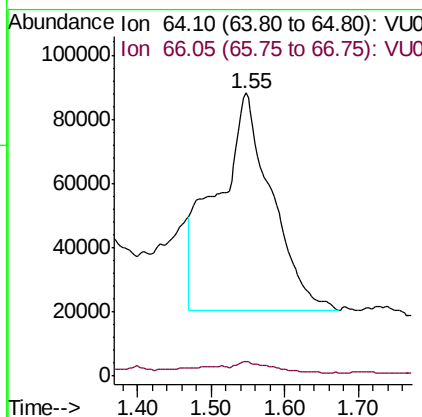
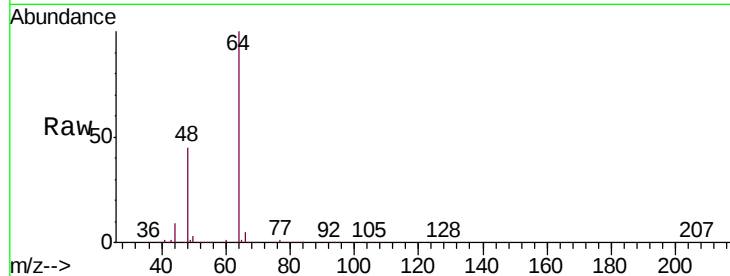




#8
 Chloroethane
 Concen: 30.396 ug/L
 RT: 1.55 min Scan# 142
 Delta R.T. -0.15 min
 Lab File: VU029468.D
 Acq: 14 Feb 2019 20:19

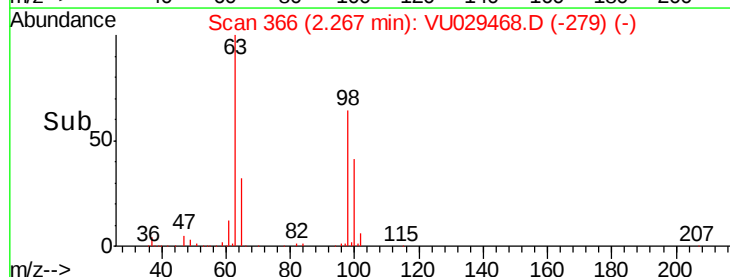
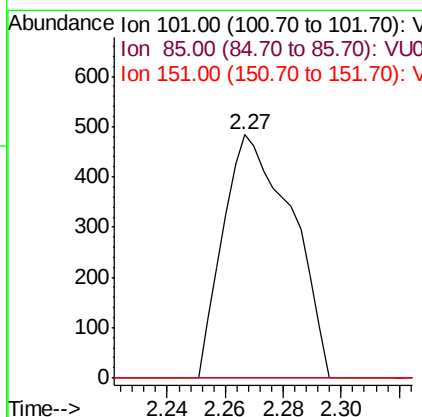
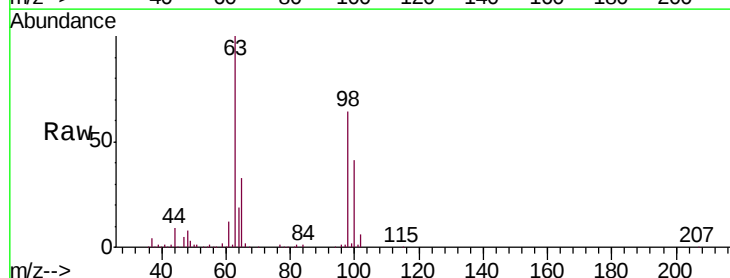
Instrument :
 MSVOA_U
 ClientSampleId :
 ESXC0

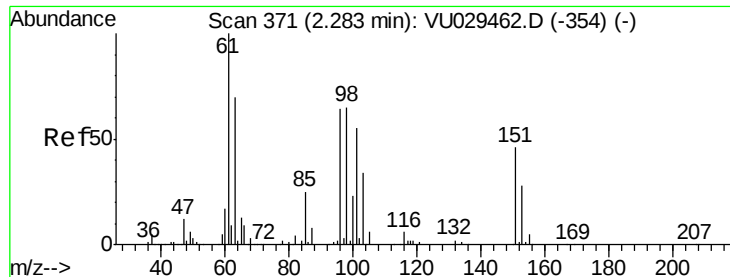
Tgt Ion: 64 Resp: 353042
 Ion Ratio Lower Upper
 64 100
 66 5.4 22.0 40.8#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.049 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.02 min
 Lab File: VU029468.D
 Acq: 14 Feb 2019 20:19

Tgt Ion: 101 Resp: 796
 Ion Ratio Lower Upper
 101 100
 85 2.8 35.1 52.7#
 151 0.0 67.0 100.6#

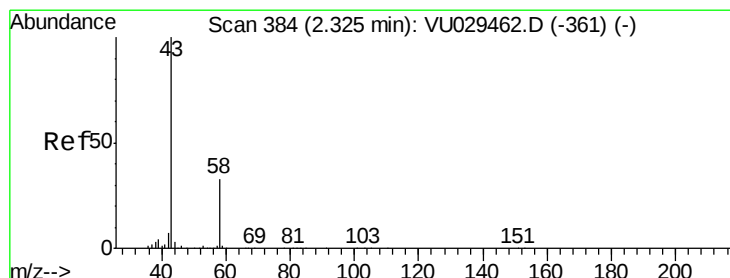
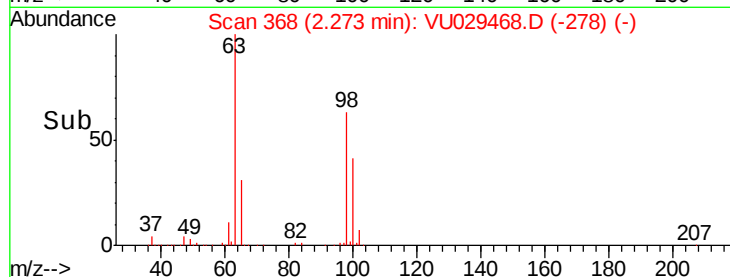
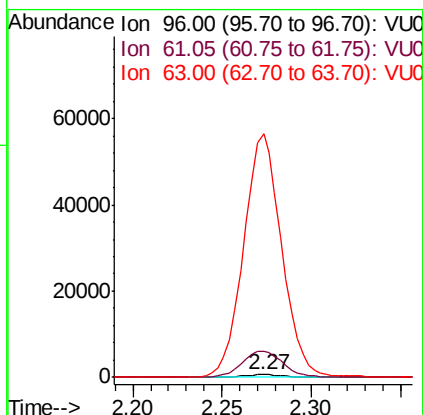
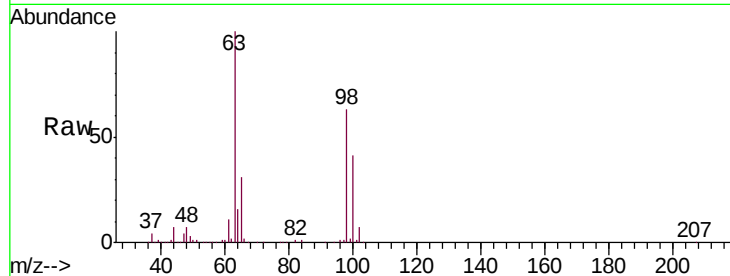




#12
 1,1-Dichloroethene
 Concen: 0.079 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU029468.D
 Acq: 14 Feb 2019 20:19

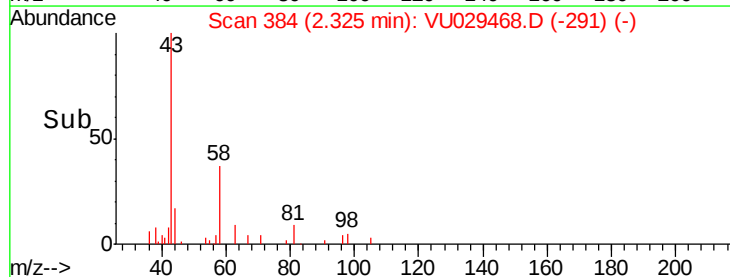
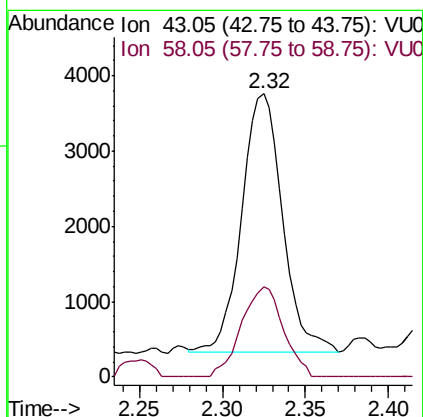
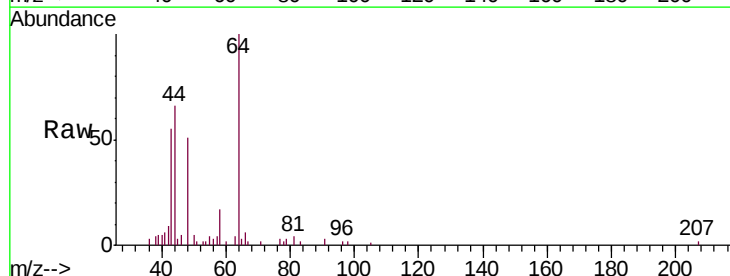
Instrument :
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 ClientSampleId :
 ESXC0

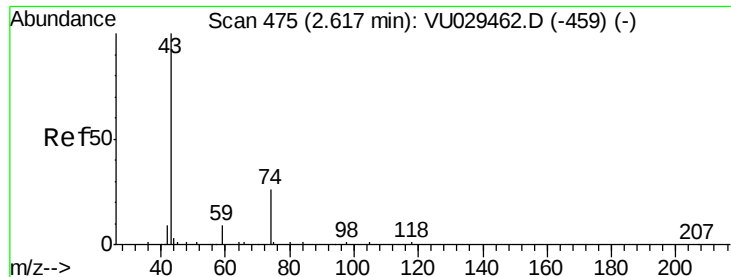
Tgt Ion: 96 Resp: 1197
 Ion Ratio Lower Upper
 96 100
 61 1008.2 115.1 213.7#
 63 9285.5 83.5 155.1#



#13
 Acetone
 Concen: 2.500 ug/L
 RT: 2.32 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VU029468.D
 Acq: 14 Feb 2019 20:19

Tgt Ion: 43 Resp: 5877
 Ion Ratio Lower Upper
 43 100
 58 35.8 0.0 65.0

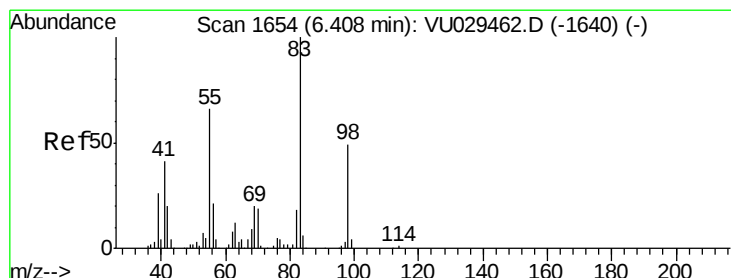
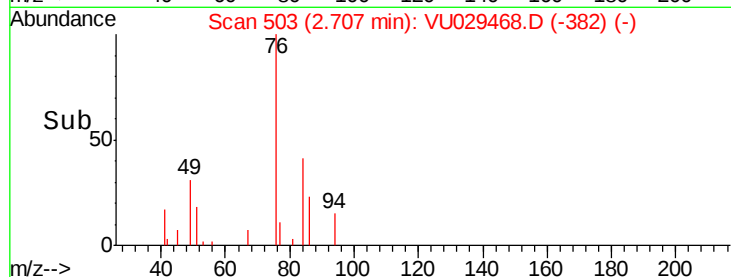
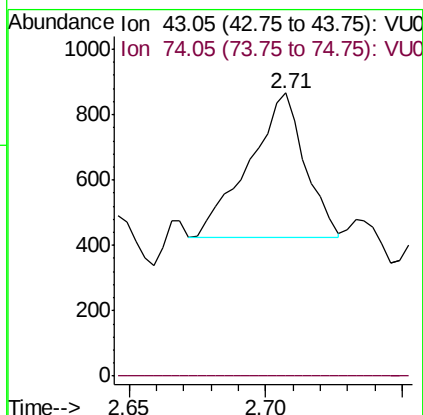
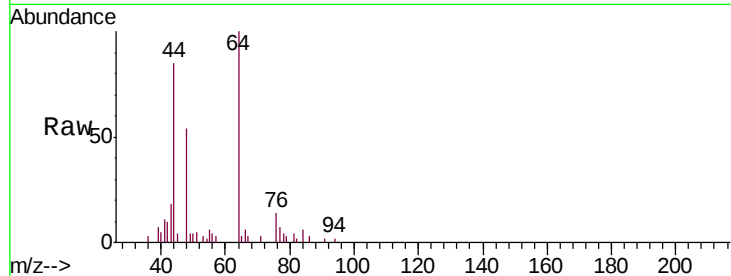




#15
Methyl Acetate
Concen: 0.105 ug/L
RT: 2.71 min Scan# 503
Delta R.T. 0.09 min
Lab File: VU029468.D
Acq: 14 Feb 2019 20:19

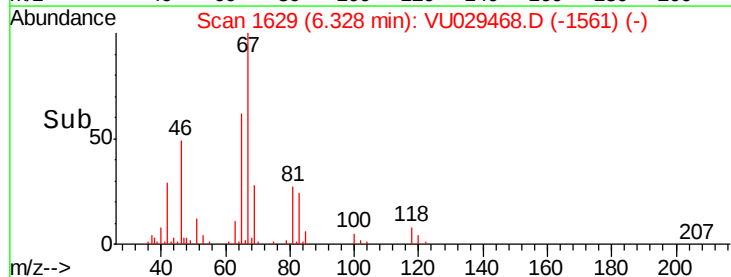
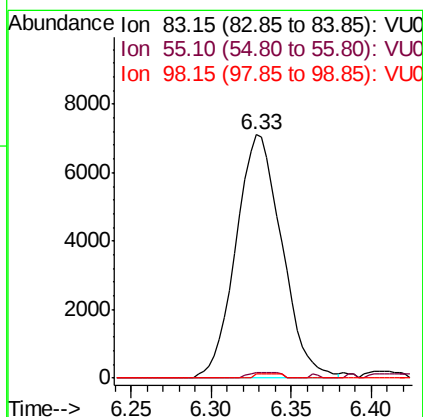
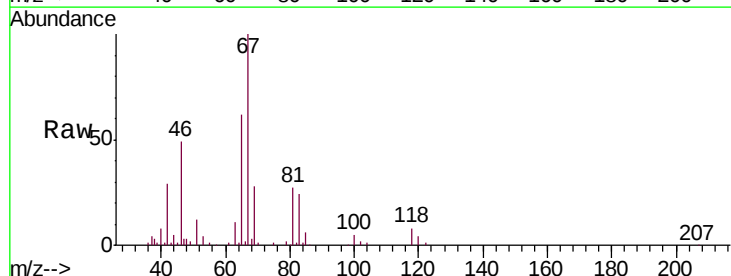
Instrument :
MSVOA_U
ClientSampleId :
ESXC0

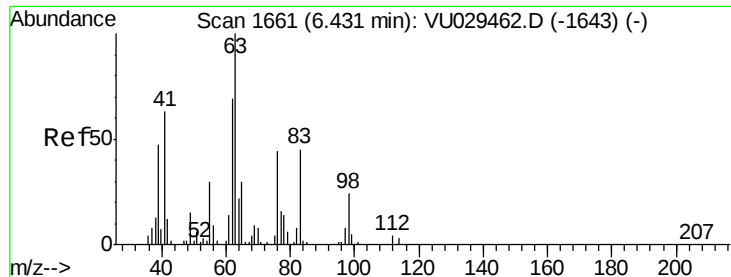
Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
74 3.6 22.3 33.5#



#35
Methylcyclohexane
Concen: 0.590 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029468.D
Acq: 14 Feb 2019 20:19

Tgt Ion: 83 Resp: 13942
Ion Ratio Lower Upper
83 100
55 1.6 55.9 83.9#
98 1.0 38.6 57.8#

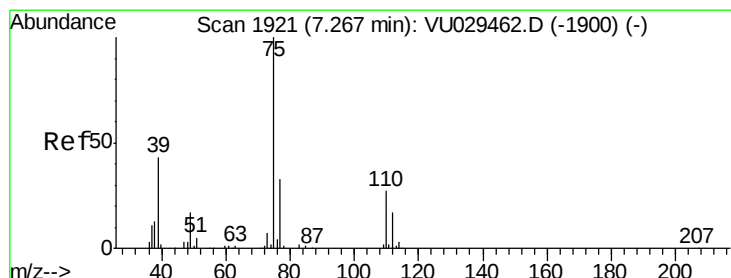
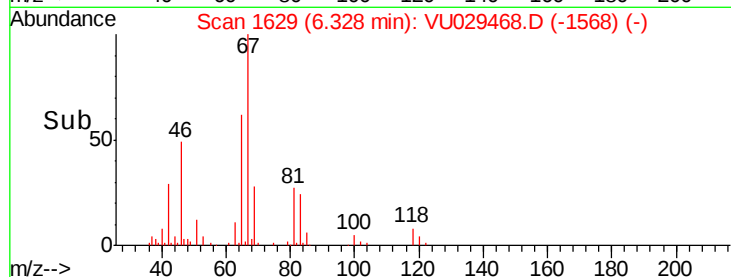
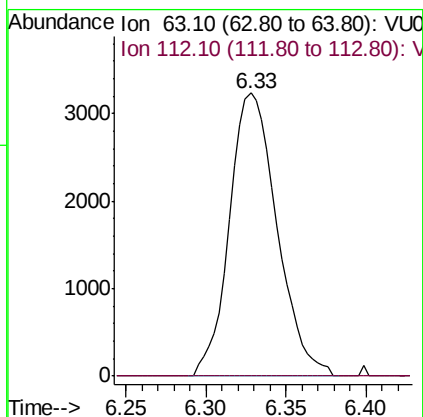
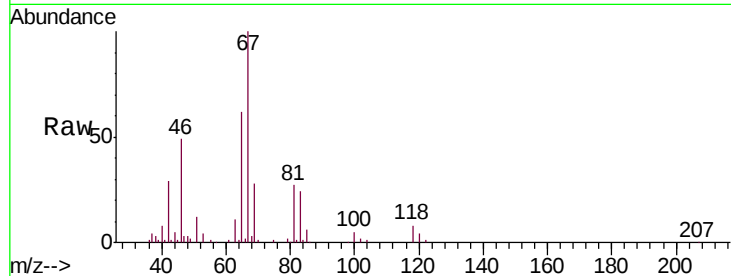




#37
 1,2-Dichloropropane
 Concen: 0.525 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029468.D
 Acq: 14 Feb 2019 20:19

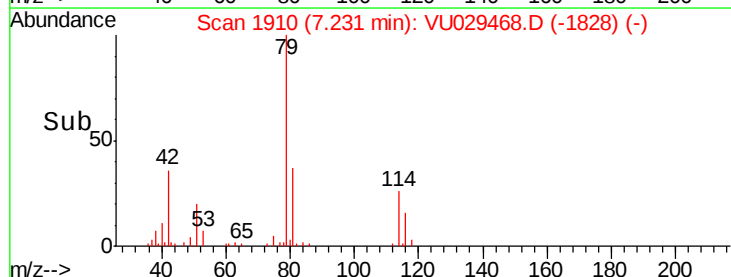
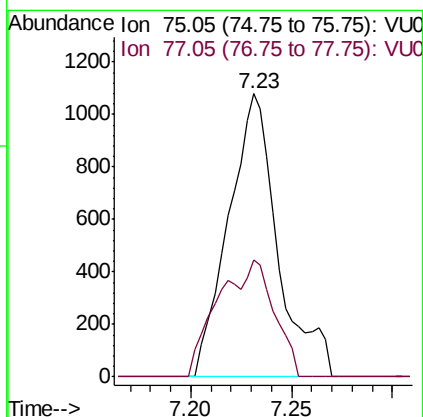
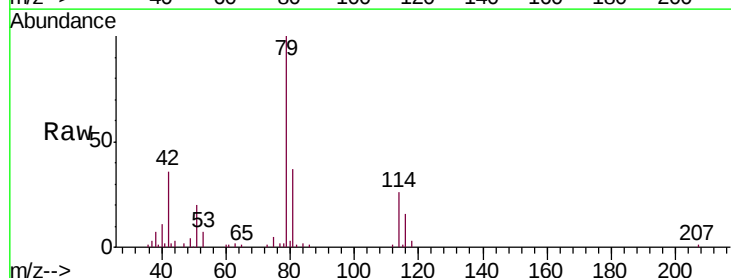
Instrument :
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 ClientSampleId :
 ESXC0

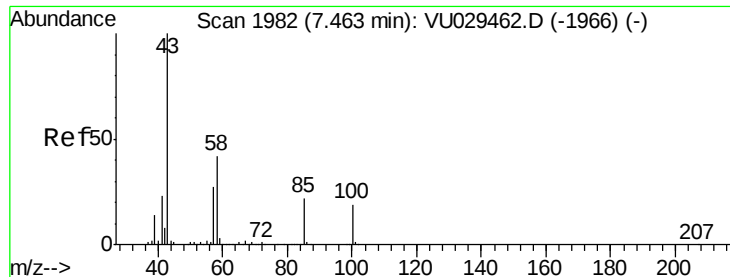
Tgt Ion: 63 Resp: 6569
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.23 min Scan# 1910
 Delta R.T. -0.04 min
 Lab File: VU029468.D
 Acq: 14 Feb 2019 20:19

Tgt Ion: 75 Resp: 1844
 Ion Ratio Lower Upper
 75 100
 77 41.2 22.3 41.3

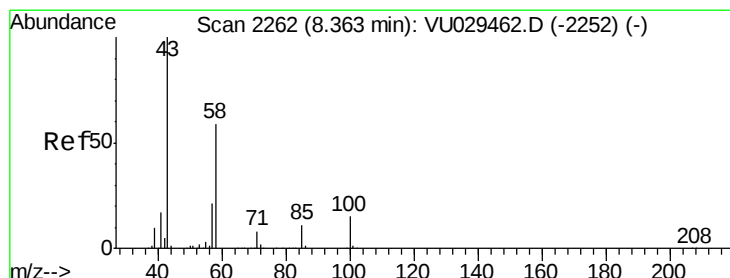
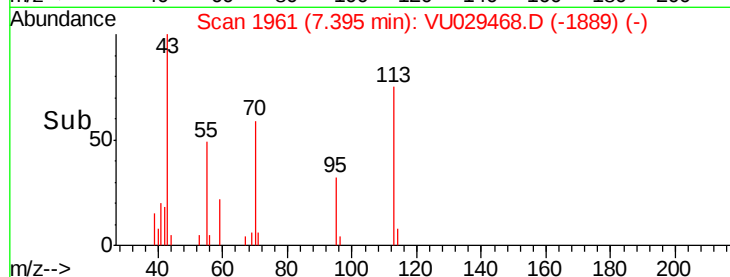
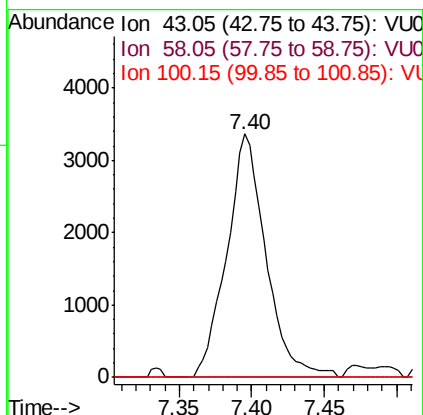
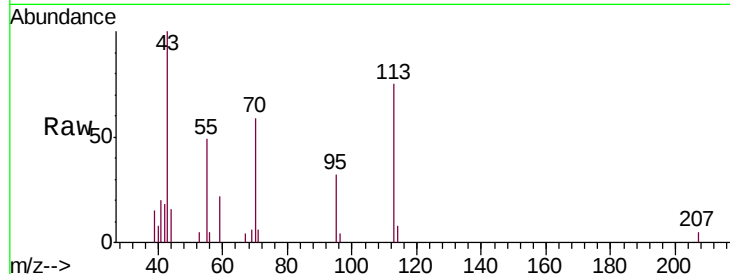




#40
 4-Methyl-2-pentanone
 Concen: 0.877 ug/L
 RT: 7.40 min Scan# 1961
 Delta R.T. -0.07 min
 Lab File: VU029468.D
 Acq: 14 Feb 2019 20:19

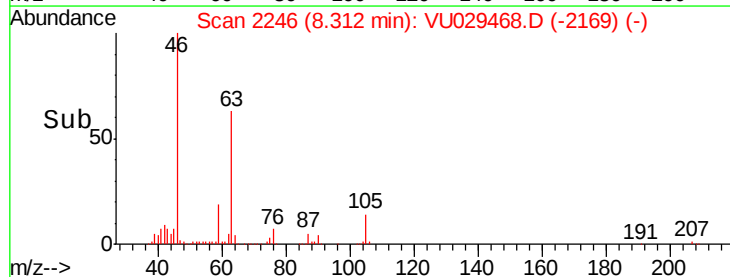
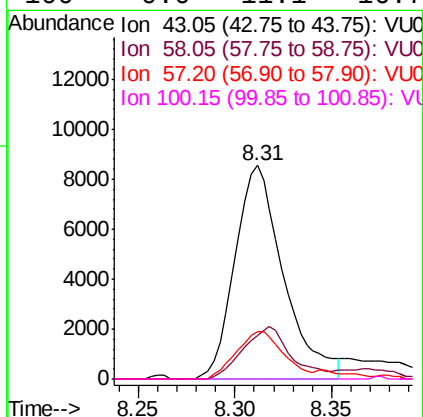
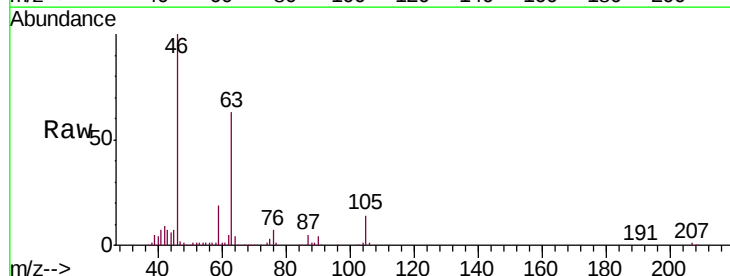
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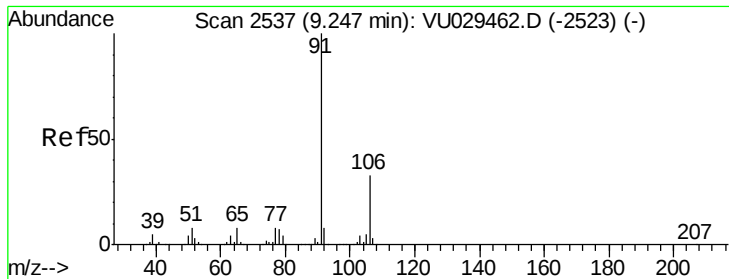
Tgt Ion: 43 Resp: 6321
 Ion Ratio Lower Upper
 43 100
 58 0.0 33.4 50.2#
 100 0.0 14.4 21.6#



#48
 2-Hexanone
 Concen: 2.849 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU029468.D
 Acq: 14 Feb 2019 20:19

Tgt Ion: 43 Resp: 14964
 Ion Ratio Lower Upper
 43 100
 58 24.4 45.7 68.5#
 57 21.6 16.4 24.6
 100 0.0 11.1 16.7#





#52

Ethylbenzene

Concen: 0.041 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU029468.D

Acq: 14 Feb 2019 20:19

Instrument :

MSVOA_U

ClientSampleId :

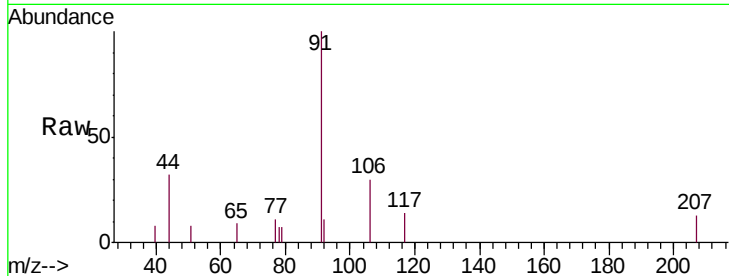
ESXC0

Tgt Ion: 91 Resp: 2621

Ion Ratio Lower Upper

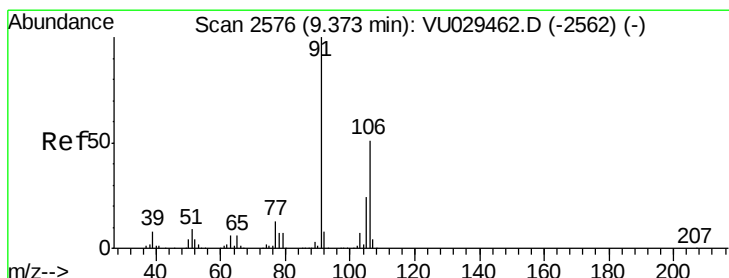
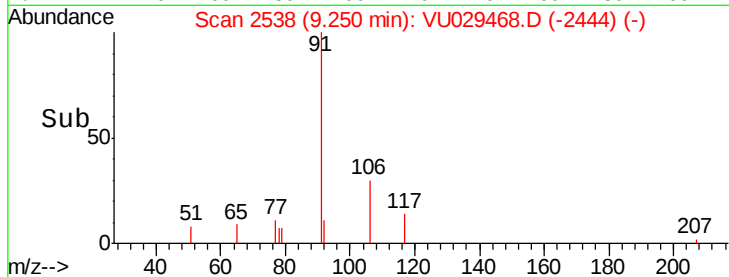
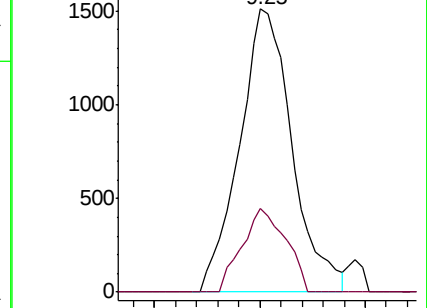
91 100

106 29.6 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) (-)



#53

m,p-xylene

Concen: 0.199 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU029468.D

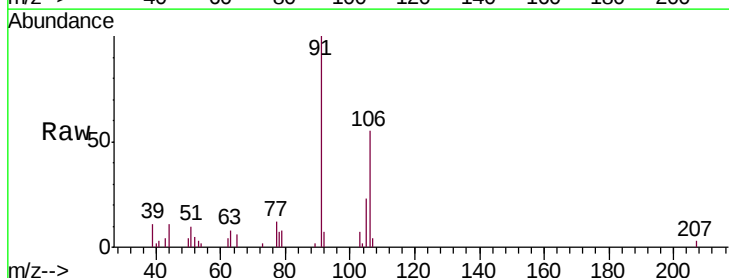
Acq: 14 Feb 2019 20:19

Tgt Ion: 106 Resp: 5032

Ion Ratio Lower Upper

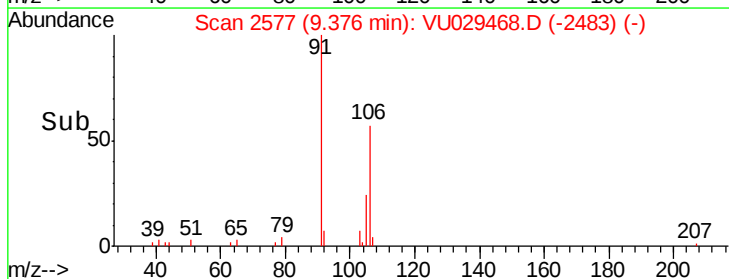
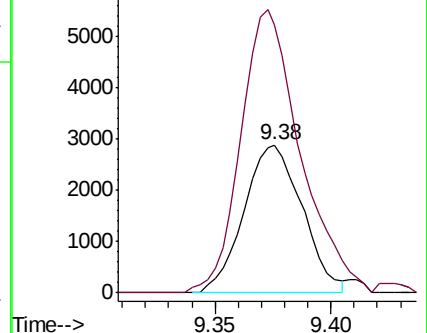
106 100

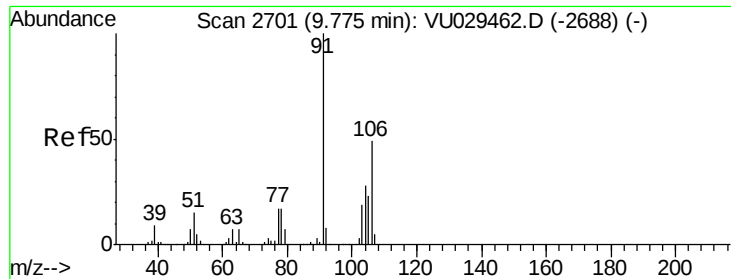
91 180.4 135.7 251.9



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

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





#54

o-xylene

Concen: 0.072 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU029468.D

Acq: 14 Feb 2019 20:19

Instrument :

MSVOA_U

ClientSampleId :

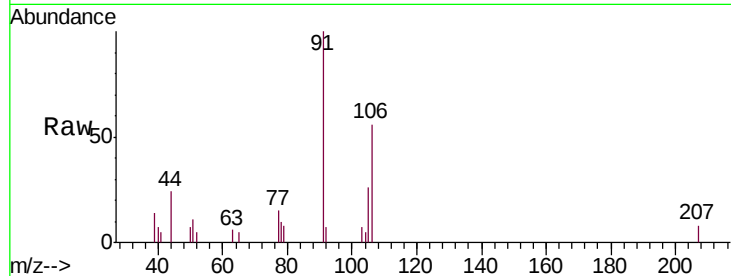
ESXC0

Tgt Ion: 106 Resp: 1796

Ion Ratio Lower Upper

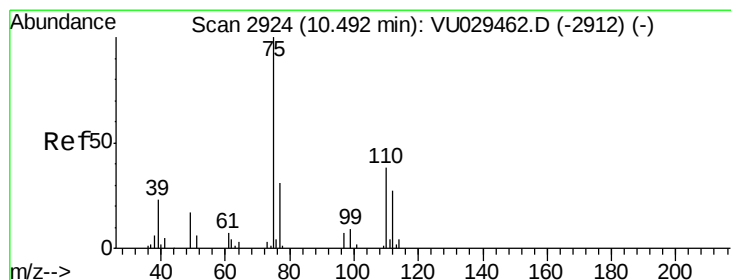
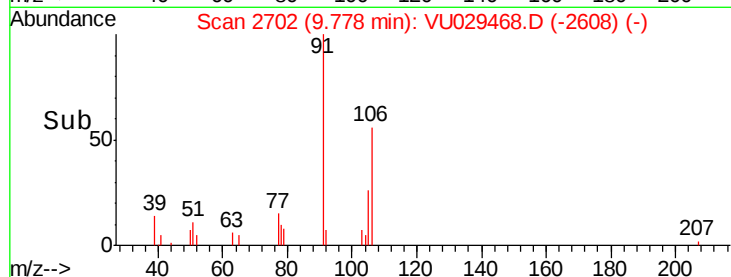
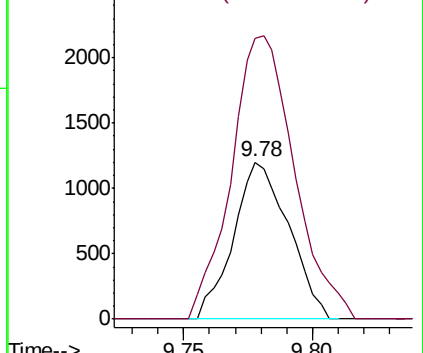
106 100

91 179.0 145.1 269.5



Abundance Ion 106.15 (105.85 to 106.85): VU029468.D (-2608) (-)

Ion 91.15 (90.85 to 91.85): VU029468.D (-2608) (-)



#59

1,2,3-Trichloropropane

Concen: 1.123 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029468.D

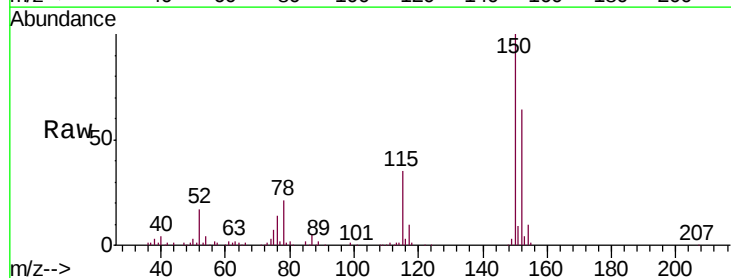
Acq: 14 Feb 2019 20:19

Tgt Ion: 75 Resp: 9010

Ion Ratio Lower Upper

75 100

77 34.6 28.2 42.2



Abundance Ion 75.00 (74.70 to 75.70): VU029468.D (-2302) (-)

Ion 77.00 (76.70 to 77.70): VU029468.D (-2302) (-)

