

Data File : VU028172.D
Acq On : 15 Nov 2018 15:27
Operator : MD/SY
Sample : J5943-19RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FP5

Quant Time: Nov 16 00:49:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	127013	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	123104	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	57369	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36984	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.68	69	34260	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.28	63	59309	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.21	46	157111	51.40	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	4.65	84	74248	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.32	65	43382	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.34	84	149731	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.33	67	56852	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.57	98	132513	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.86	79	16542	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.31	63	122059	47.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	40504	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	46558	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

						Qvalue
5) Vinyl chloride	1.41	62	4766	0.350	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	365	0.044	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	505	0.060	ug/L #	1
13) Acetone	2.35	43	9279	4.507	ug/L	98
15) Methyl Acetate	2.62	43	559	0.102	ug/L #	58
18) trans-1,2-Dichloroethene	2.98	96	2612	0.291	ug/L	87
19) 1,1-Dichloroethane	3.45	63	1123	0.059	ug/L #	91
22) cis-1,2-Dichloroethene	4.23	96	15584	1.574	ug/L	93
33) Benzene	5.39	78	4200	0.101	ug/L	100
34) Trichloroethene	6.19	95	2760	0.269	ug/L	93
35) Methylcyclohexane	6.33	83	11049	0.627	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	5764	0.503	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1141	0.074	ug/L #	48
42) Toluene	7.64	91	1695	0.040	ug/L	90
49) Dibromochloromethane	8.23	129	613	0.083	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	8401	1.304	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

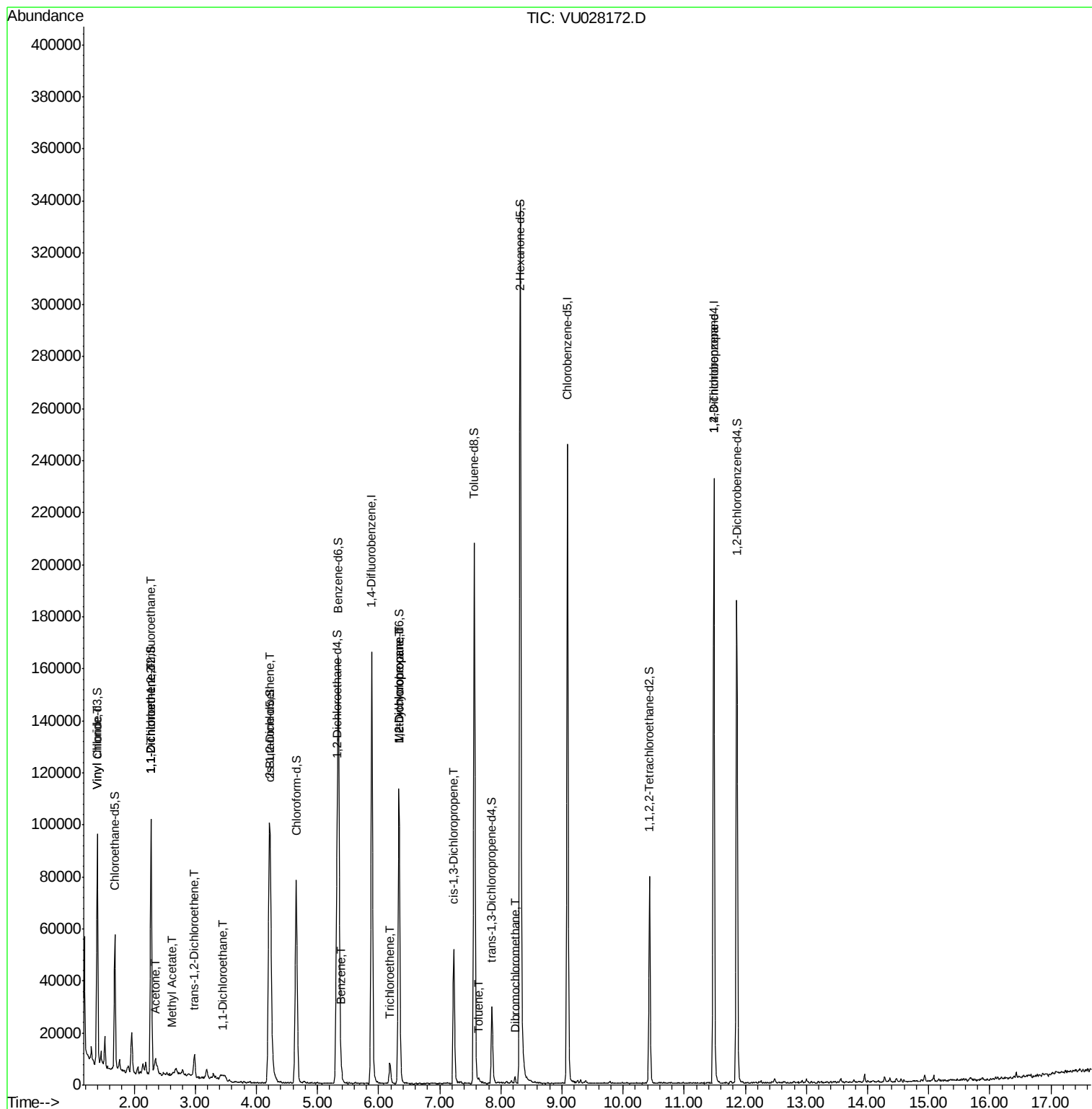
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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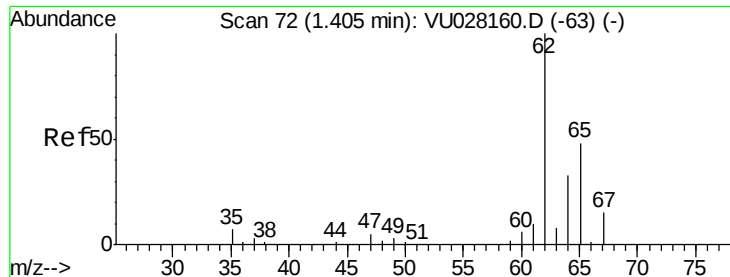
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.350 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028172.D

Acq: 15 Nov 2018 15:27

Instrument :

MSVOA_U

ClientSampleId :

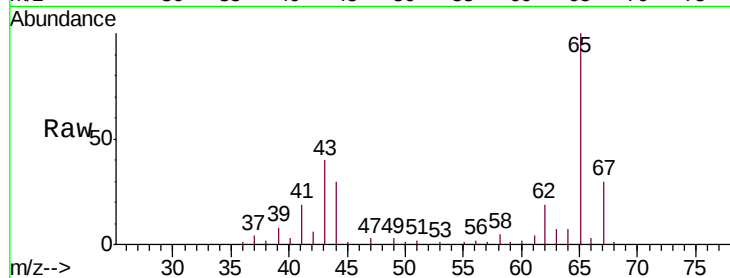
H0FP5

Tgt Ion: 62 Resp: 4766

Ion Ratio Lower Upper

62 100

64 38.1 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU028160.D (-63) (-)

Ion 64.10 (63.80 to 64.80): VU028160.D (-63) (-)

1.41

4000

3000

2000

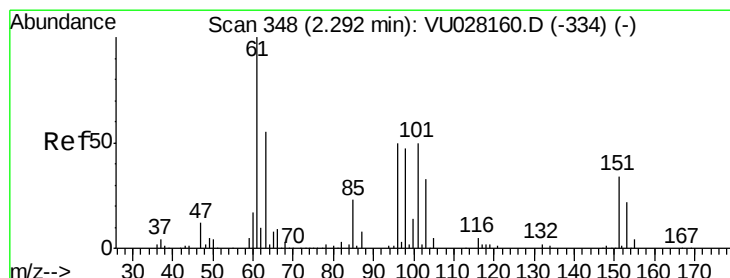
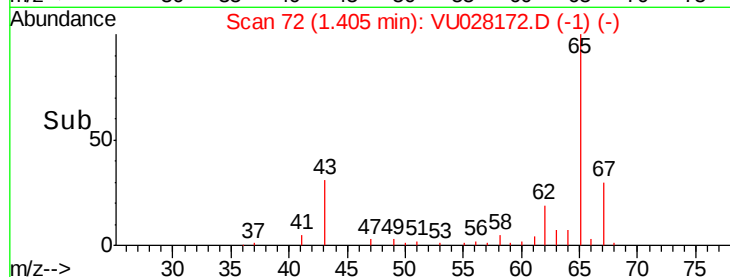
1000

0

1.40

1.45

Time-->



#10

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

Concen: 0.044 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU028172.D

Acq: 15 Nov 2018 15:27

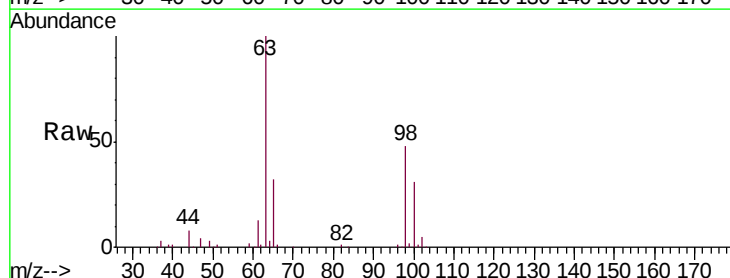
Tgt Ion: 101 Resp: 365

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

151 0.0 58.2 87.2#



Abundance Ion 101.00 (100.70 to 101.70): VU028160.D (-334) (-)

Ion 85.00 (84.70 to 85.70): VU028160.D (-334) (-)

Ion 151.00 (150.70 to 151.70): VU028160.D (-334) (-)

2.28

400

300

200

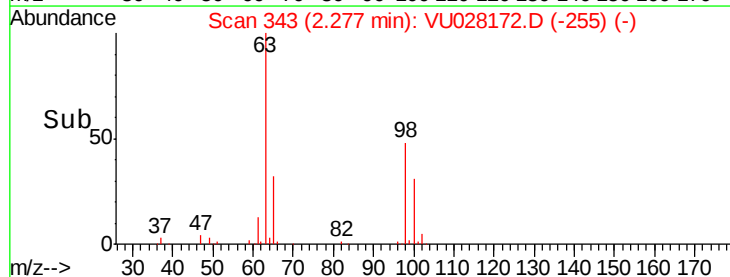
100

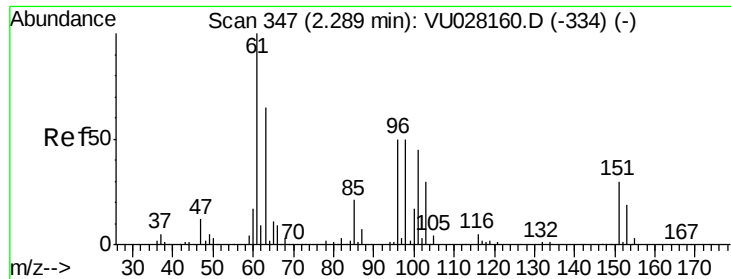
0

2.26

2.30

Time-->





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028172.D

Acq: 15 Nov 2018 15:27

Instrument :

MSVOA_U

ClientSampled :

H0FP5

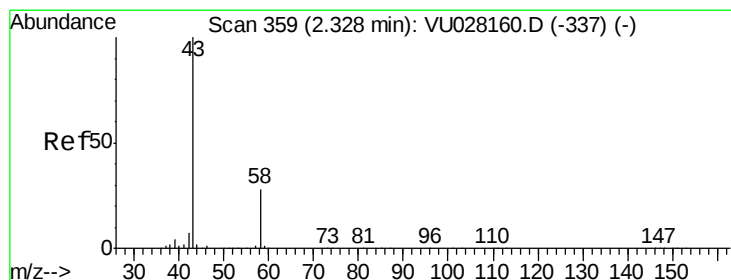
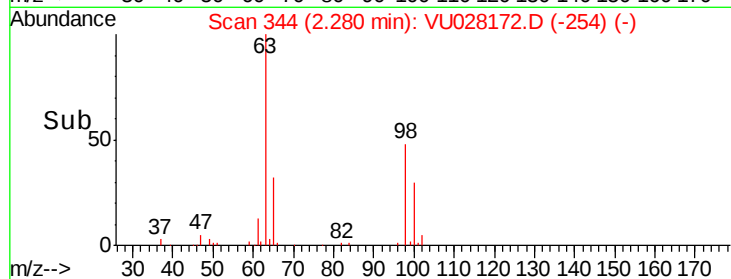
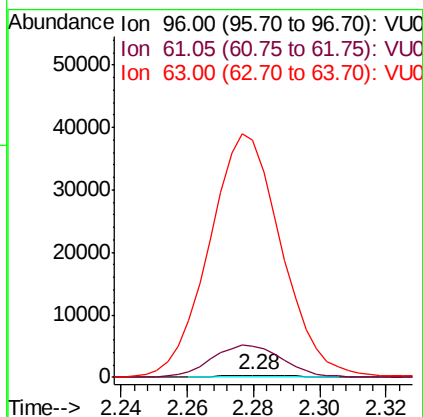
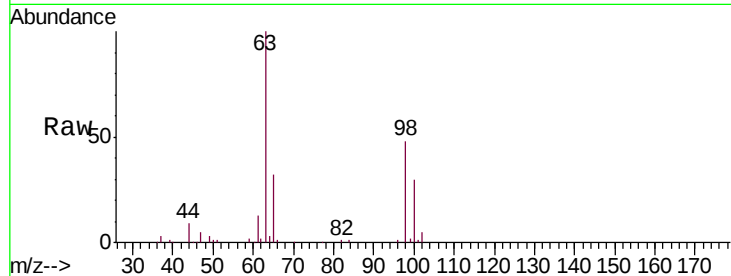
Tgt Ion: 96 Resp: 505

Ion Ratio Lower Upper

96 100

61 1432.0 134.8 250.3#

63 10728.6 100.1 185.9#



#13

Acetone

Concen: 4.507 ug/L

RT: 2.35 min Scan# 366

Delta R.T. 0.02 min

Lab File: VU028172.D

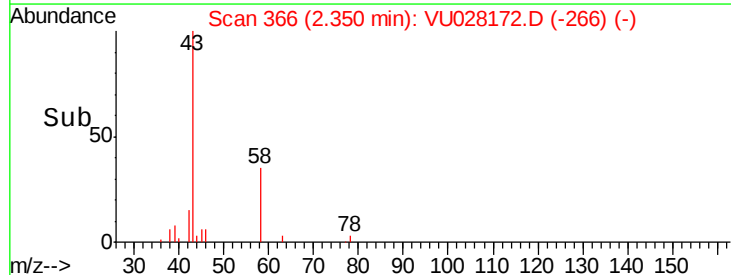
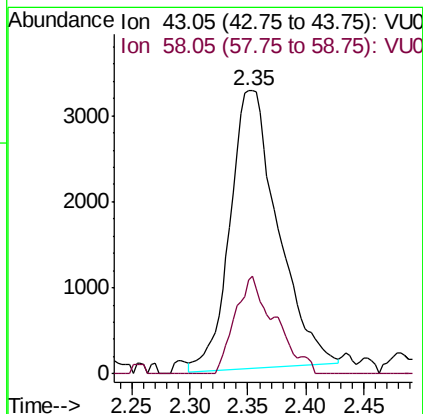
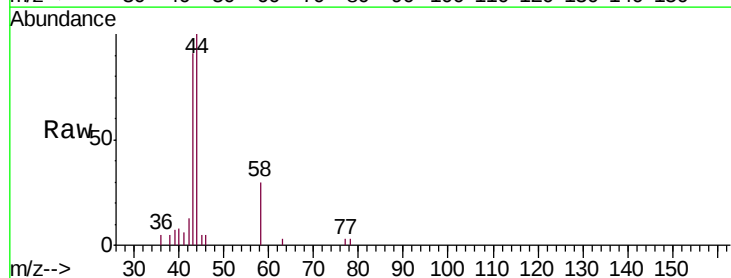
Acq: 15 Nov 2018 15:27

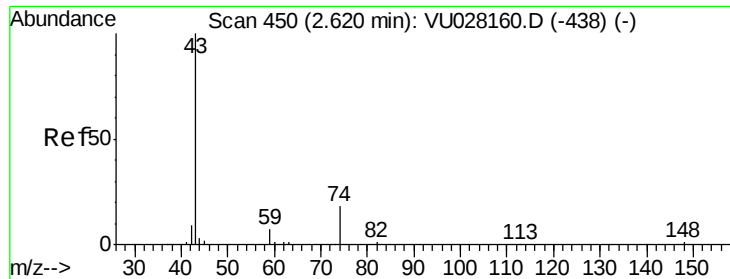
Tgt Ion: 43 Resp: 9279

Ion Ratio Lower Upper

43 100

58 29.6 0.0 61.6





#15

Methyl Acetate

Concen: 0.102 ug/L

RT: 2.62 min Scan# 451

Delta R.T. 0.00 min

Lab File: VU028172.D

Acq: 15 Nov 2018 15:27

Instrument :

MSVOA_U

ClientSampled :

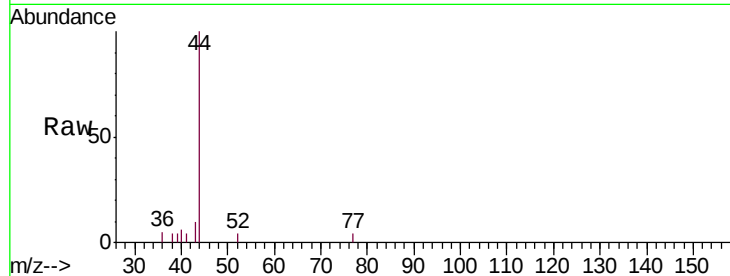
H0FP5

Tgt Ion: 43 Resp: 559

Ion Ratio Lower Upper

43 100

74 0.0 14.9 22.3#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.62

300

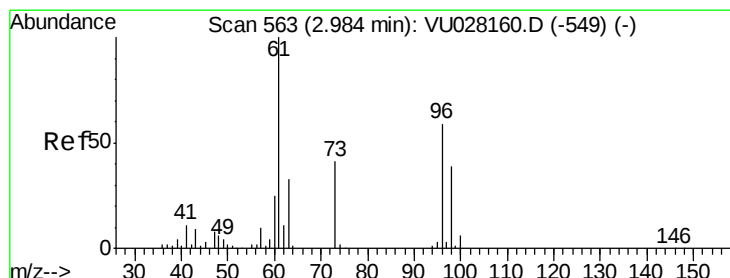
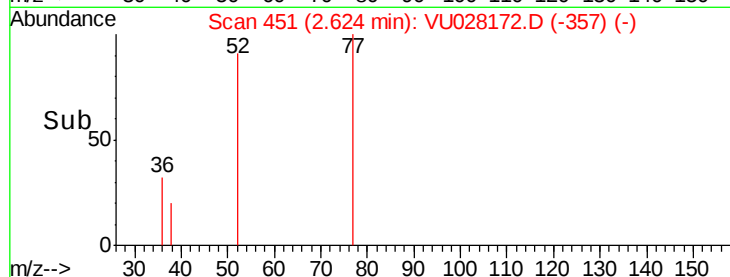
200

100

0

2.60 2.62 2.64

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.291 ug/L

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028172.D

Acq: 15 Nov 2018 15:27

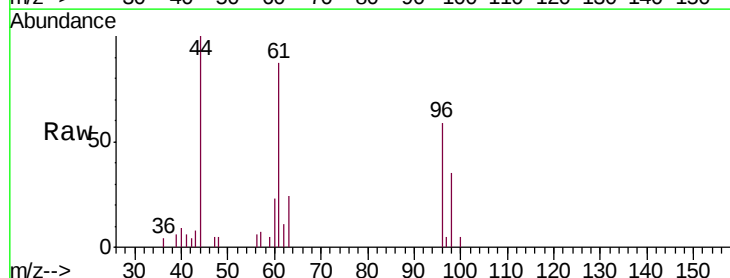
Tgt Ion: 96 Resp: 2612

Ion Ratio Lower Upper

96 100

61 148.0 118.5 220.1

98 59.8 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0

3000

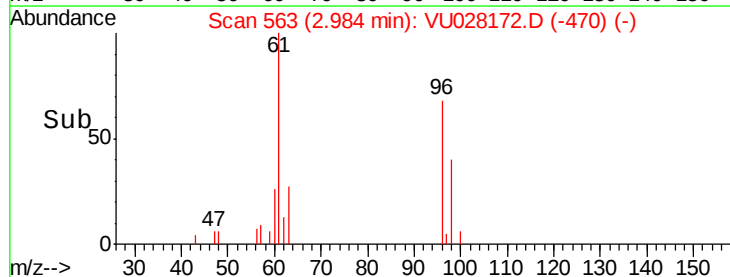
2000

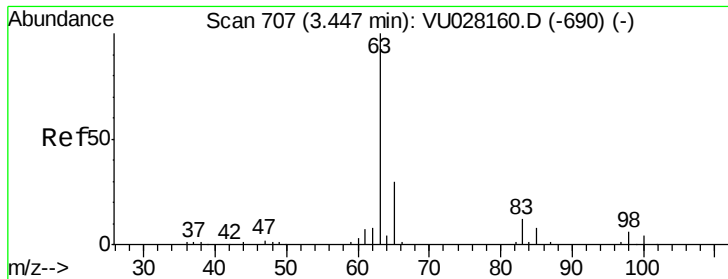
1000

0

2.95 3.00

Time-->

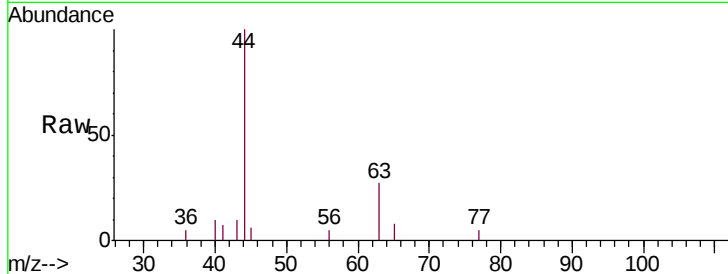




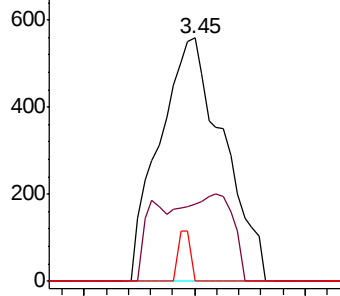
#19
 1,1-Dichloroethane
 Concen: 0.059 ug/L
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU028172.D
 Acq: 15 Nov 2018 15:27

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP5

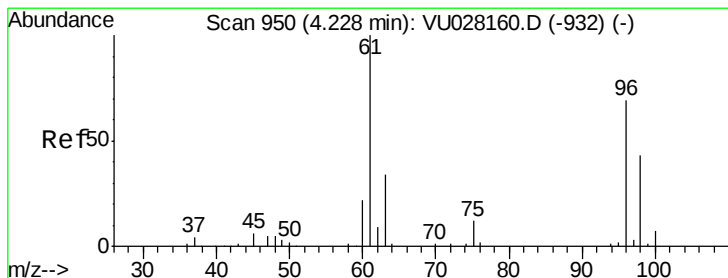
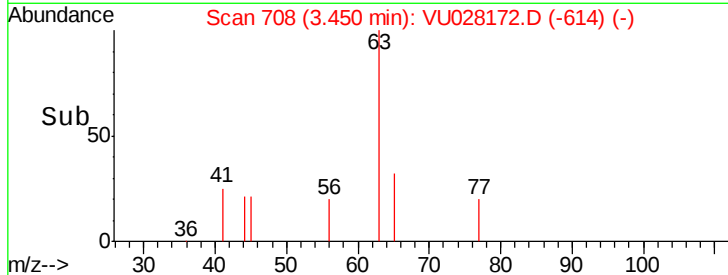
Tgt Ion: 63 Resp: 1123
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.2 41.2
 83 0.0 8.9 16.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

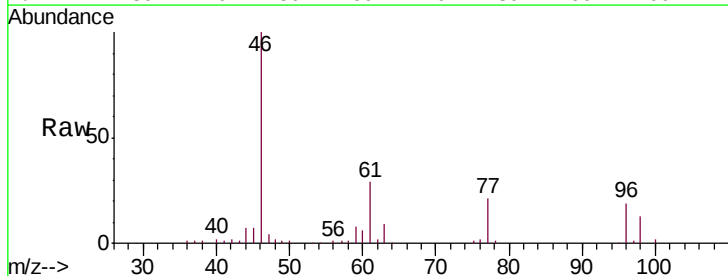


Time-->

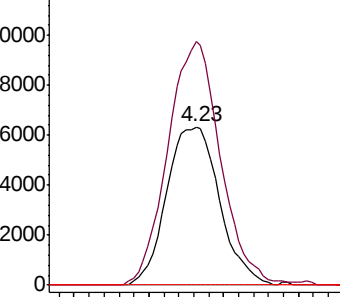


#22
 cis-1,2-Dichloroethene
 Concen: 1.574 ug/L
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU028172.D
 Acq: 15 Nov 2018 15:27

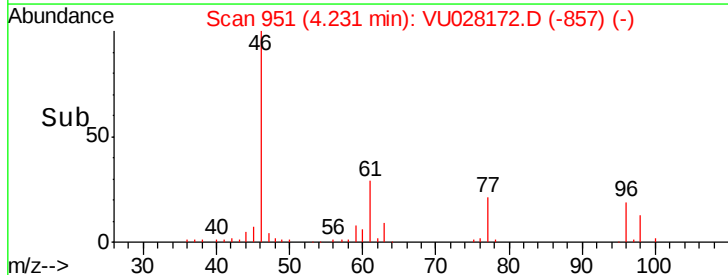
Tgt Ion: 96 Resp: 15584
 Ion Ratio Lower Upper
 96 100
 61 154.1 101.8 189.0
 68 0.0 0.0 0.0

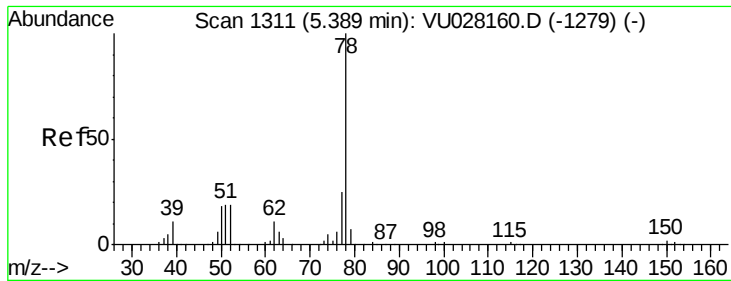


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



Time-->

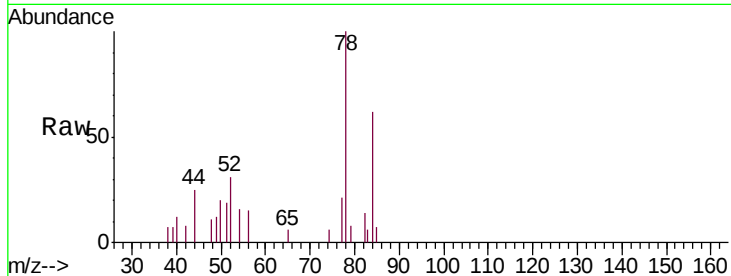




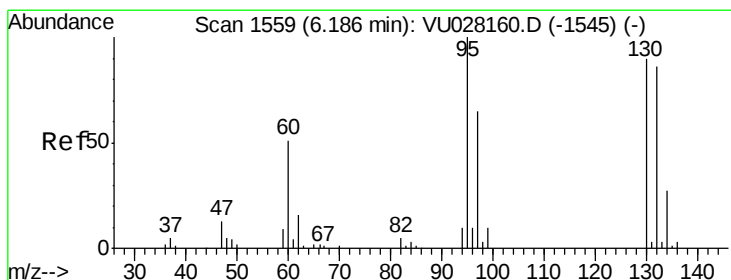
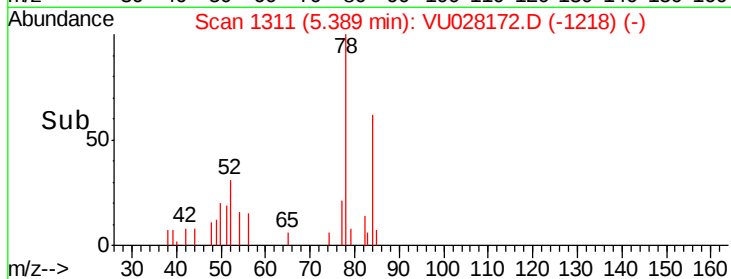
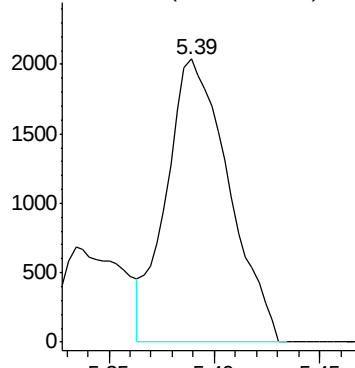
#33
Benzene
Concen: 0.101 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028172.D
Acq: 15 Nov 2018 15:27

Instrument :
MSVOA_U
ClientSampleId :
H0FP5

Tgt Ion: 78 Resp: 4200



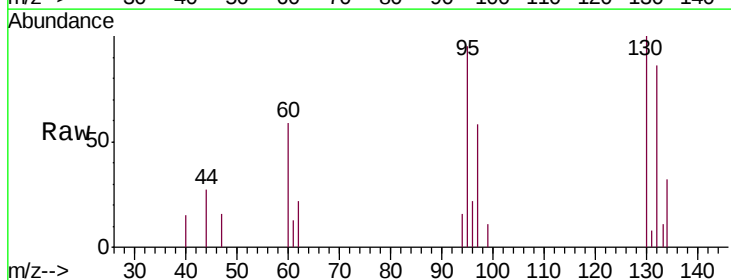
Abundance Ion 78.10 (77.80 to 78.80): VU0



#34
Trichloroethene
Concen: 0.269 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU028172.D
Acq: 15 Nov 2018 15:27

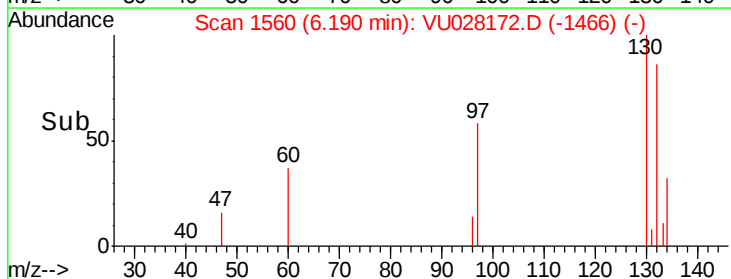
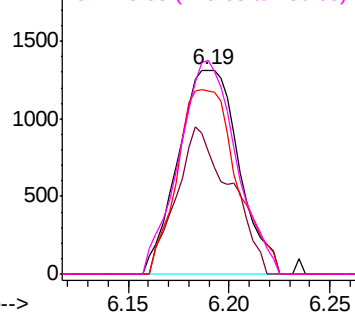
Tgt Ion: 95 Resp: 2760

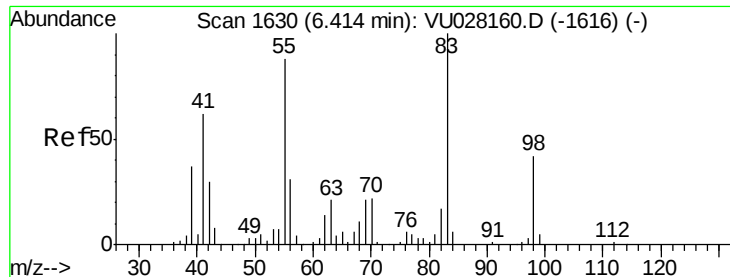
Ion	Ratio	Lower	Upper
95	100		
97	60.5	45.3	84.1
132	90.1	63.0	117.0
130	104.9	63.6	118.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

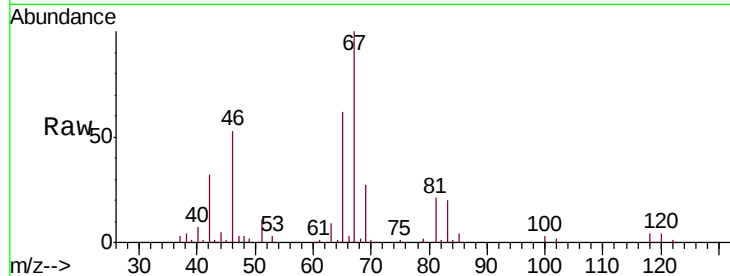




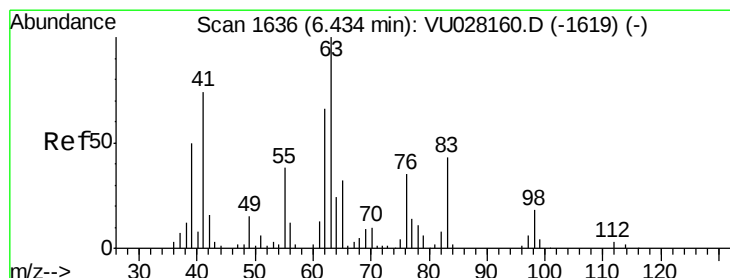
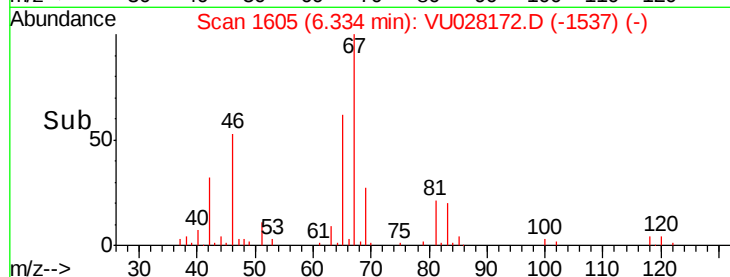
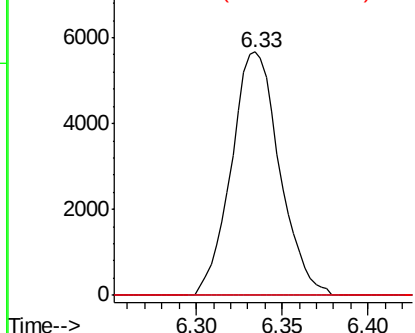
#35
Methylcyclohexane
Concen: 0.627 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028172.D
Acq: 15 Nov 2018 15:27

Instrument :
MSVOA_U
ClientSampleId :
H0FP5

Tgt Ion: 83 Resp: 11049
Ion Ratio Lower Upper
83 100
55 0.2 69.0 103.4#
98 0.0 33.3 49.9#

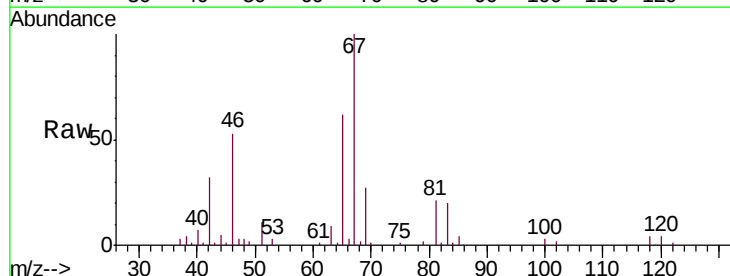


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

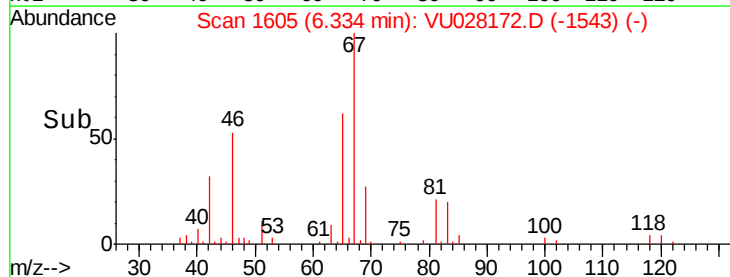
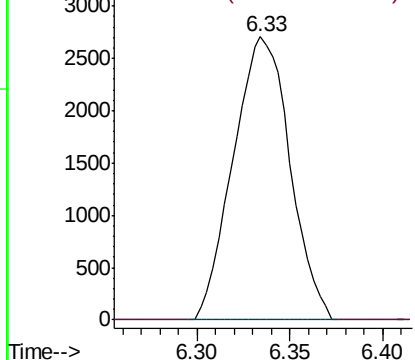


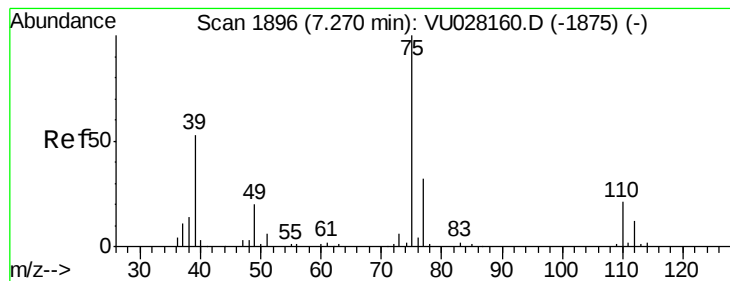
#37
1,2-Dichloropropane
Concen: 0.503 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028172.D
Acq: 15 Nov 2018 15:27

Tgt Ion: 63 Resp: 5764
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.4#



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



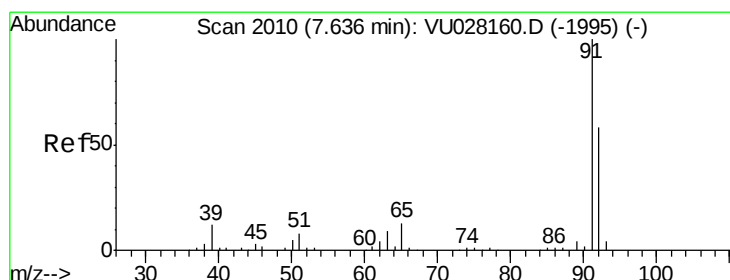
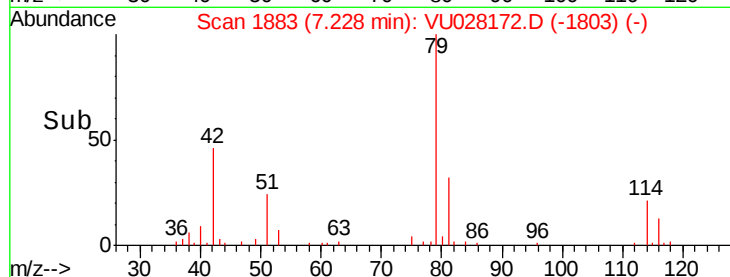
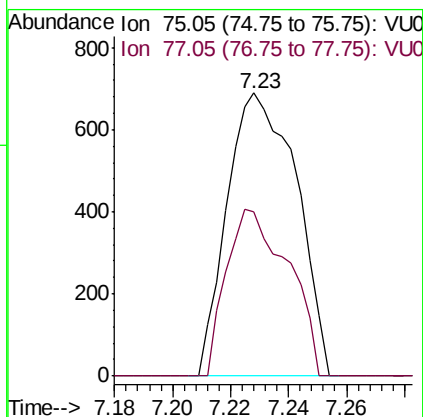
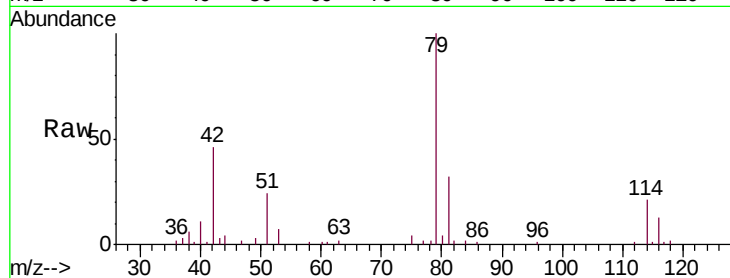


#39

cis-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028172.D
Acq: 15 Nov 2018 15:27

Instrument :
MSVOA_U
ClientSampleId :
H0FP5

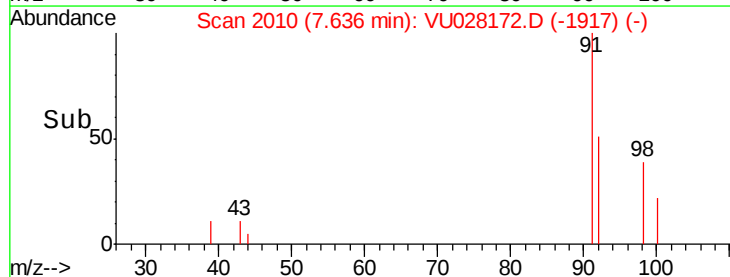
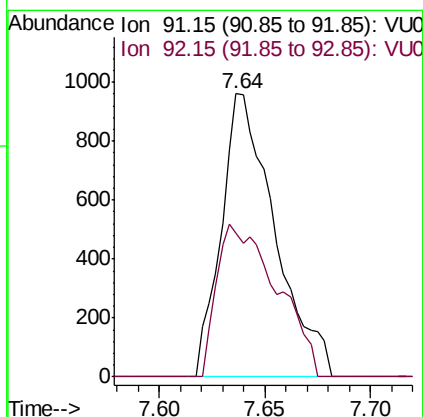
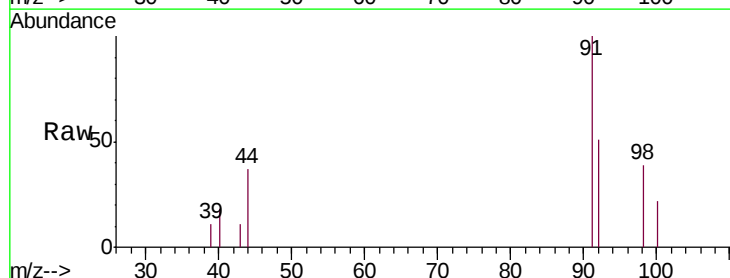
Tgt Ion: 75 Resp: 1141
Ion Ratio Lower Upper
75 100
77 58.1 20.9 38.9#

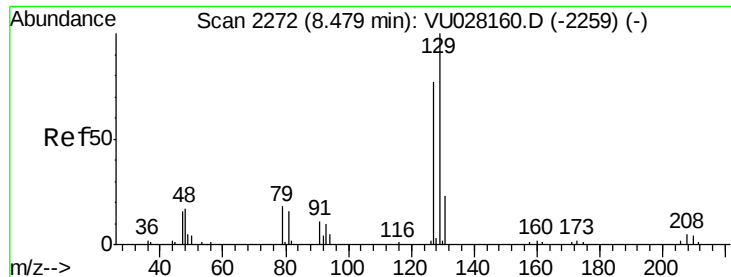


#42

Toluene
Concen: 0.040 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU028172.D
Acq: 15 Nov 2018 15:27

Tgt Ion: 91 Resp: 1695
Ion Ratio Lower Upper
91 100
92 50.9 40.7 75.7





#49

Dibromochloromethane

Concen: 0.083 ug/L

RT: 8.23 min Scan# 2196

Delta R.T. -0.24 min

Lab File: VU028172.D

Acq: 15 Nov 2018 15:27

Instrument :

MSVOA_U

ClientSampleId :

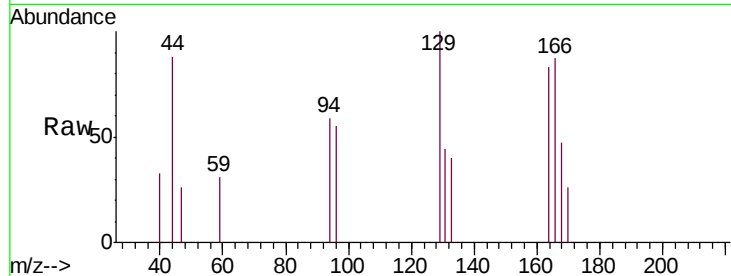
H0FP5

Tgt Ion: 129 Resp: 613

Ion Ratio Lower Upper

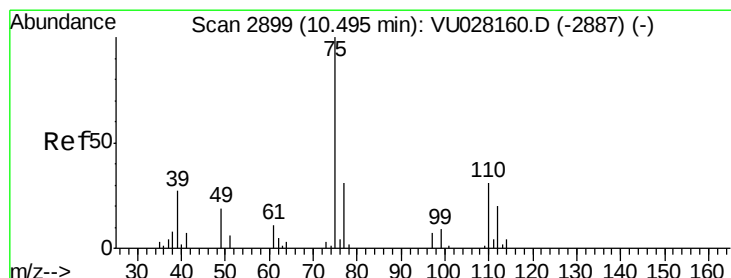
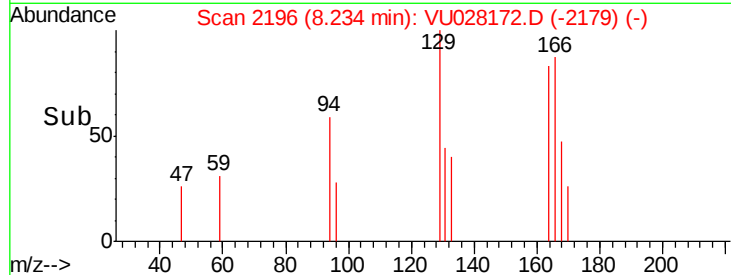
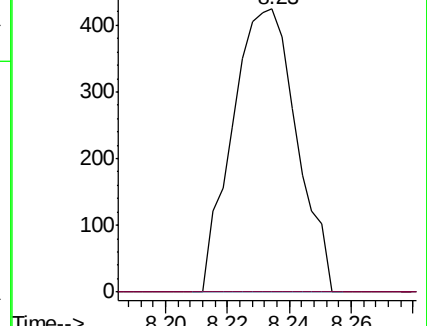
129 100

127 0.0 54.1 100.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.304 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028172.D

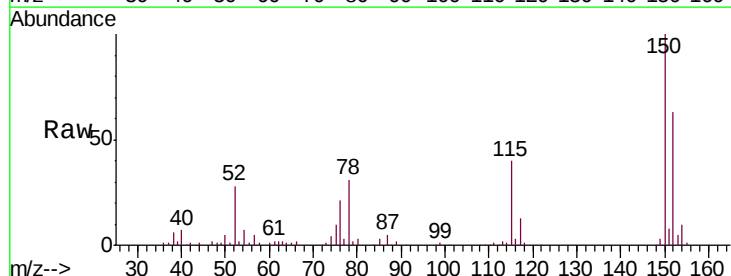
Acq: 15 Nov 2018 15:27

Tgt Ion: 75 Resp: 8401

Ion Ratio Lower Upper

75 100

77 33.7 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

