

Data File : VU028316.D
Acq On : 21 Nov 2018 13:51
Operator : MD/SY
Sample : J6026-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FP0

Quant Time: Nov 21 22:37:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	163882	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155892	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71443	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63269	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.68	69	48452	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.27	63	89931	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.19	46	184148	44.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.24%
24) Chloroform-d	4.65	84	103502	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.31	65	58933	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.34	84	208399	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.33	67	76207	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.57	98	180867	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.85	79	26740	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.31	63	128497	41.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52943	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	60640	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	26508	1.594	ug/L 90
8) Chloroethane	1.70	64	1645	0.167	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	607	0.057	ug/L # 42
12) 1,1-Dichloroethene	2.27	96	712	0.071	ug/L # 1
13) Acetone	2.32	43	4163	1.467	ug/L 80
17) Methyl tert-butyl Ether	3.00	73	1011034	33.359	ug/L 99
19) 1,1-Dichloroethane	3.44	63	34292	1.376	ug/L 96
22) cis-1,2-Dichloroethene	4.23	96	5261	0.414	ug/L 78
33) Benzene	5.39	78	16750	0.326	ug/L 100
34) Trichloroethene	6.18	95	3208	0.255	ug/L 91
35) Methylcyclohexane	6.33	83	16103	0.812	ug/L # 13
37) 1,2-Dichloropropane	6.33	63	7948	0.542	ug/L # 92
39) cis-1,3-Dichloropropene	7.22	75	1667	0.090	ug/L # 76
42) Toluene	7.64	91	3517	0.067	ug/L 82
48) 2-Hexanone	8.37	43	3899	0.521	ug/L # 84
49) Dibromochloromethane	8.22	129	366	0.041	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	9967	1.175	ug/L # 83

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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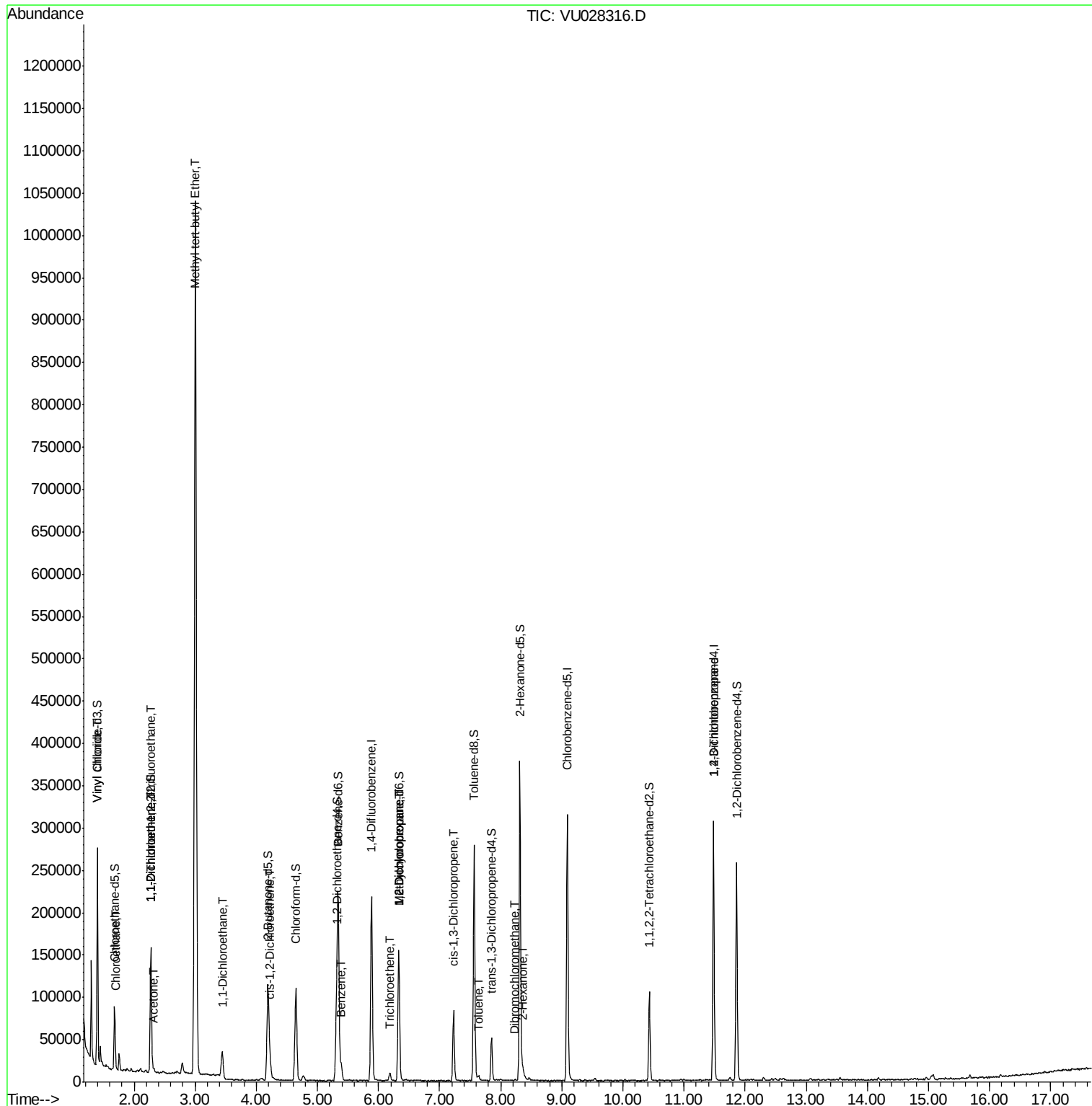
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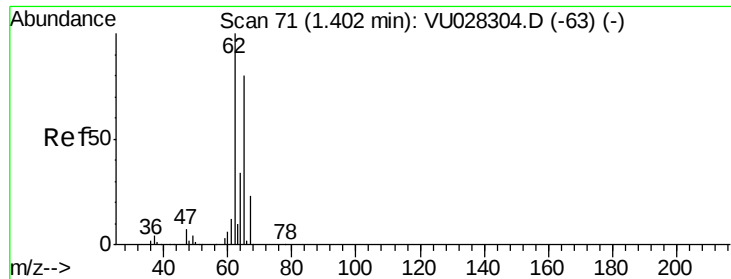
Data File : VU028316.D

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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
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#5

Vinyl chloride

Concen: 1.594 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028316.D

Acq: 21 Nov 2018 13:51

Instrument :

MSVOA_U

ClientSampleId :

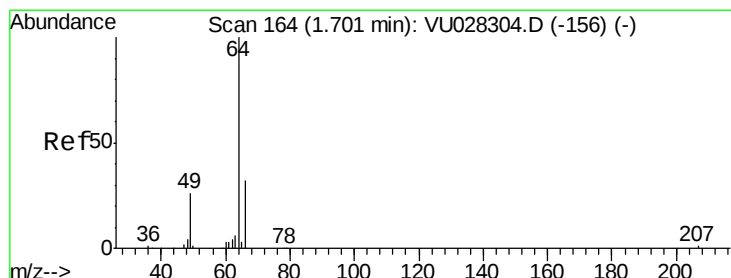
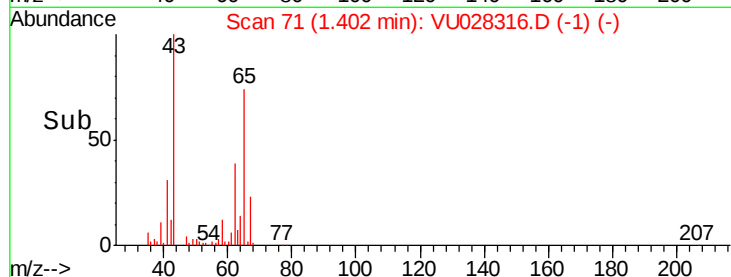
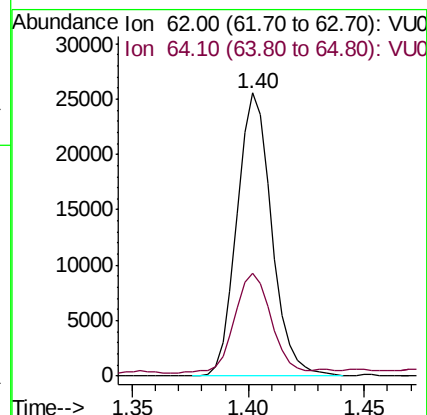
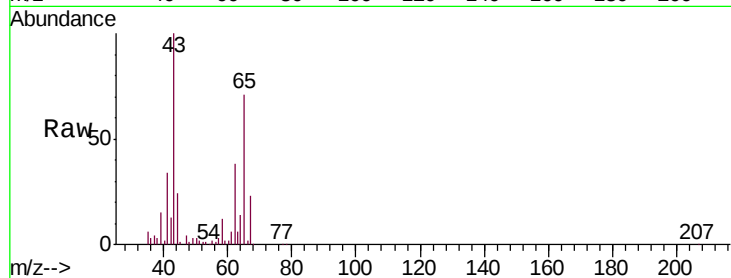
H0FP0

Tgt Ion: 62 Resp: 26508

Ion Ratio Lower Upper

62 100

64 36.5 21.7 40.3



#8

Chloroethane

Concen: 0.167 ug/L

RT: 1.70 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU028316.D

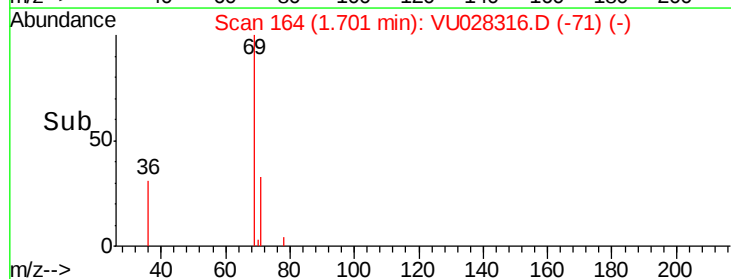
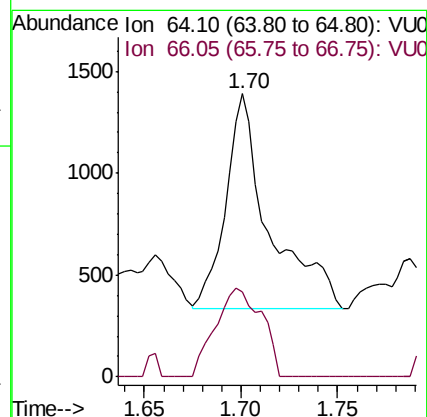
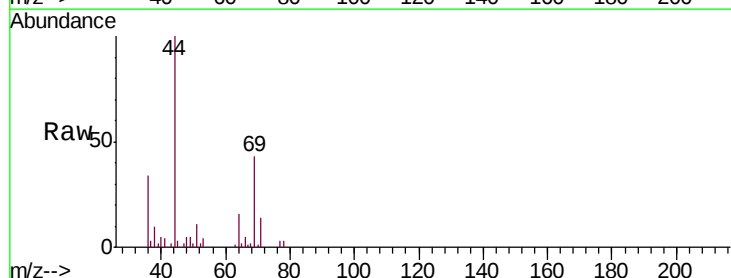
Acq: 21 Nov 2018 13:51

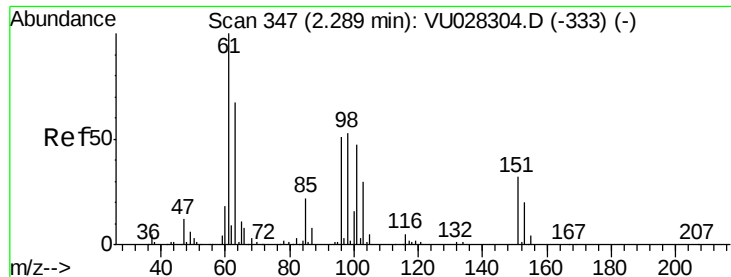
Tgt Ion: 64 Resp: 1645

Ion Ratio Lower Upper

64 100

66 30.1 20.7 38.5





#10

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

Concen: 0.057 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU028316.D

Acq: 21 Nov 2018 13:51

Instrument :

MSVOA_U

ClientSampled :

H0FP0

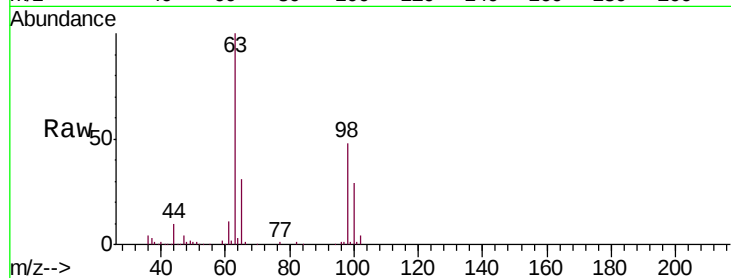
Tgt Ion: 101 Resp: 607

Ion Ratio Lower Upper

101 100

85 34.3 37.4 56.2#

151 0.0 55.0 82.4#



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

2.27

400

300

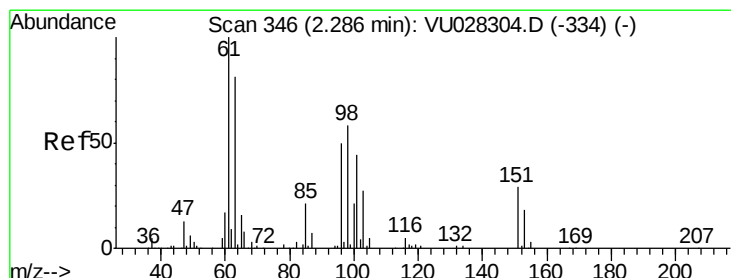
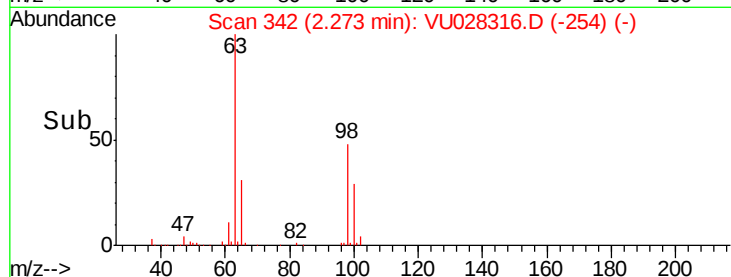
200

100

0

2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028316.D

Acq: 21 Nov 2018 13:51

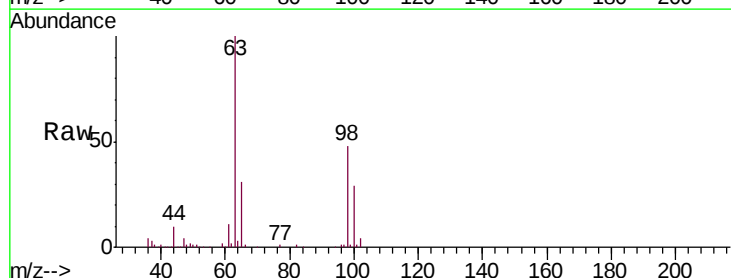
Tgt Ion: 96 Resp: 712

Ion Ratio Lower Upper

96 100

61 1452.9 145.5 270.1#

63 13381.3 98.6 183.2#



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

80000

60000

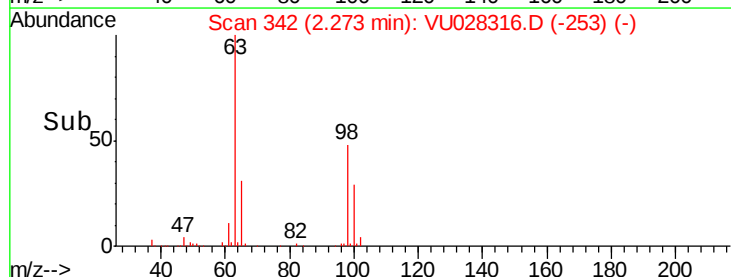
40000

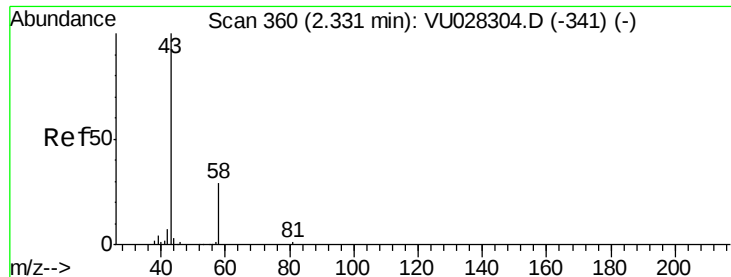
20000

0

2.25 2.30

Time-->





#13

Acetone

Concen: 1.467 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.01 min

Lab File: VU028316.D

Acq: 21 Nov 2018 13:51

Instrument :

MSVOA_U

ClientSampleId :

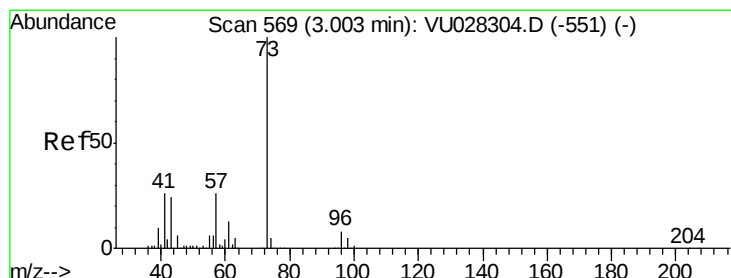
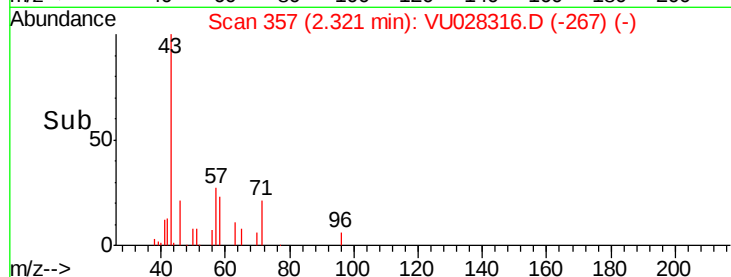
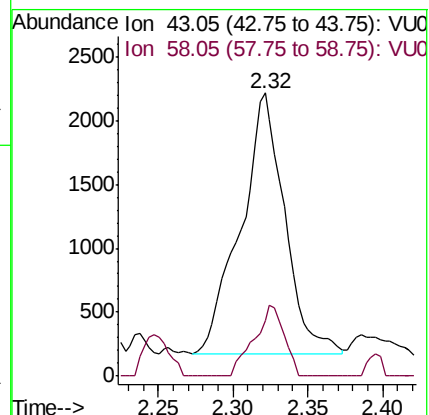
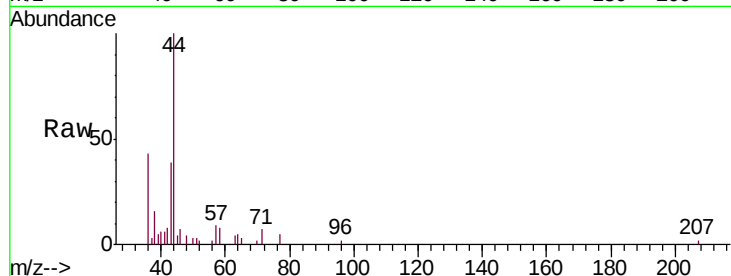
H0FP0

Tgt Ion: 43 Resp: 4163

Ion Ratio Lower Upper

43 100

58 18.6 0.0 58.6



#17

Methyl tert-butyl Ether

Concen: 33.359 ug/L

RT: 3.00 min Scan# 569

Delta R.T. -0.00 min

Lab File: VU028316.D

Acq: 21 Nov 2018 13:51

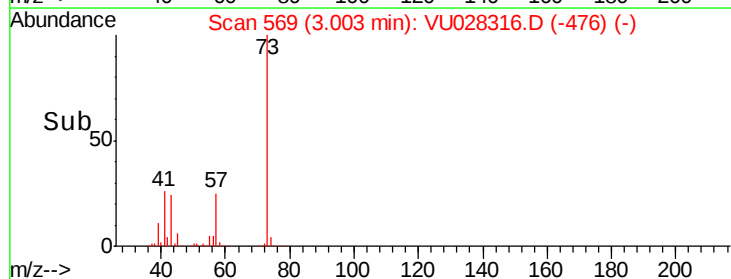
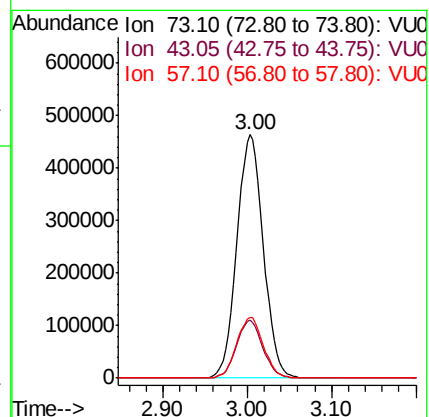
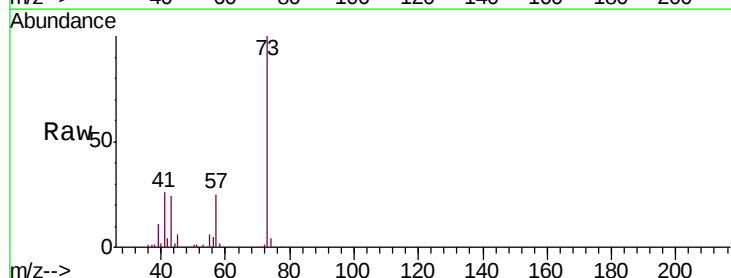
Tgt Ion: 73 Resp: 1011034

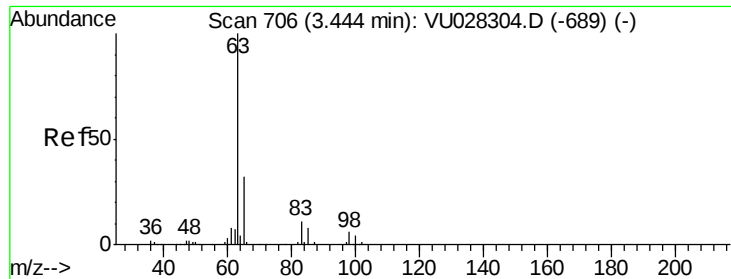
Ion Ratio Lower Upper

73 100

43 23.6 18.8 28.2

57 25.2 19.2 28.8

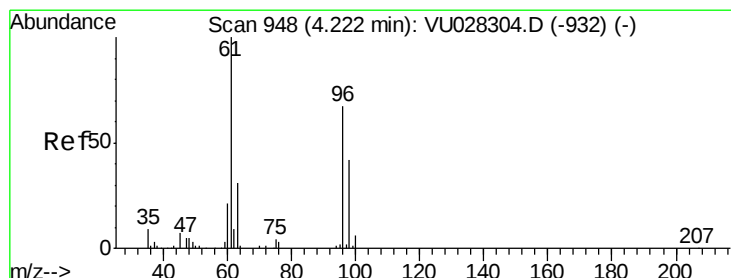
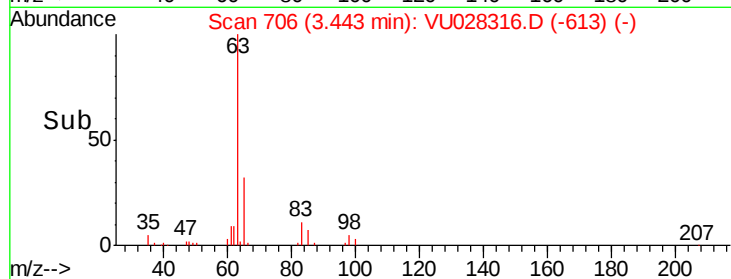
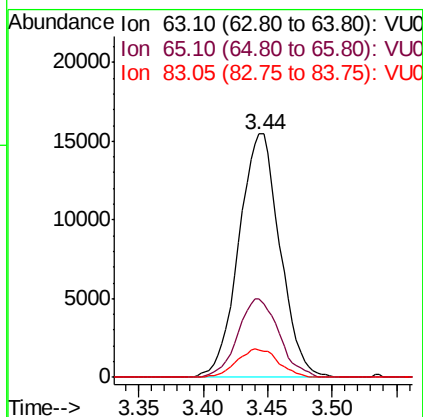
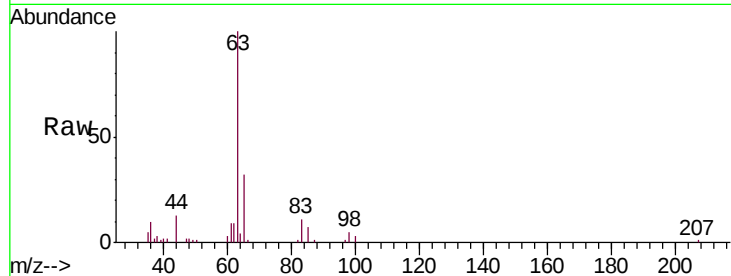




#19
 1,1-Dichloroethane
 Concen: 1.376 ug/L
 RT: 3.44 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VU028316.D
 Acq: 21 Nov 2018 13:51

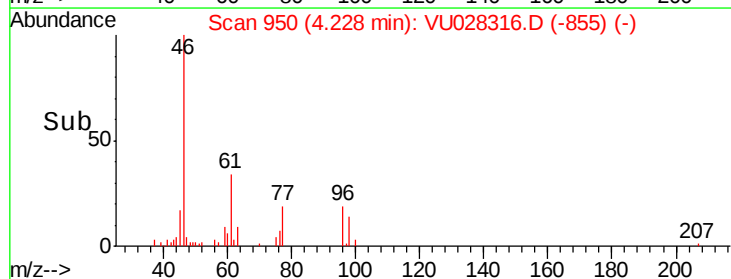
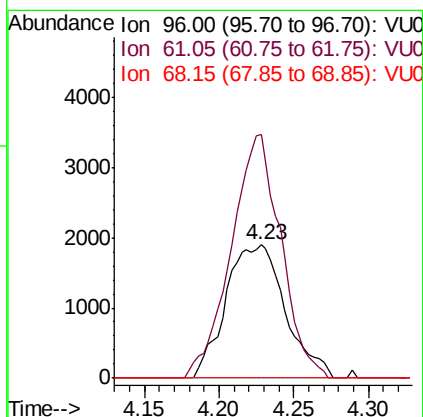
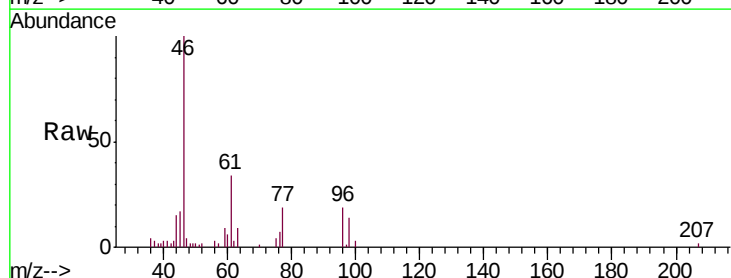
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP0

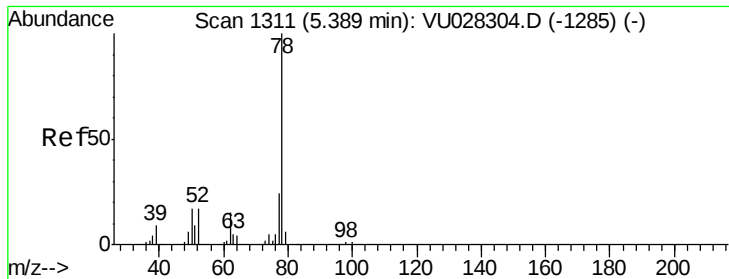
Tgt Ion: 63 Resp: 34292
 Ion Ratio Lower Upper
 63 100
 65 32.4 21.2 39.4
 83 11.0 8.8 16.4



#22
 cis-1,2-Dichloroethene
 Concen: 0.414 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: VU028316.D
 Acq: 21 Nov 2018 13:51

Tgt Ion: 96 Resp: 5261
 Ion Ratio Lower Upper
 96 100
 61 183.2 108.0 200.6
 68 0.0 0.0 0.0





#33

Benzene

Concen: 0.326 ug/L

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU028316.D

Acq: 21 Nov 2018 13:51

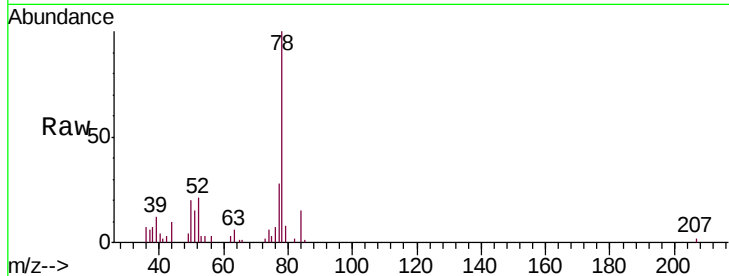
Instrument :

MSVOA_U

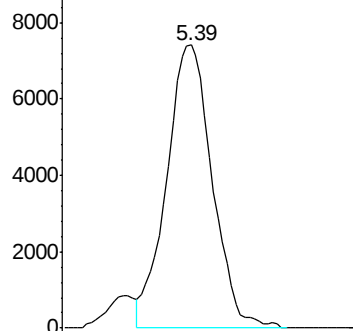
ClientSampleId :

H0FP0

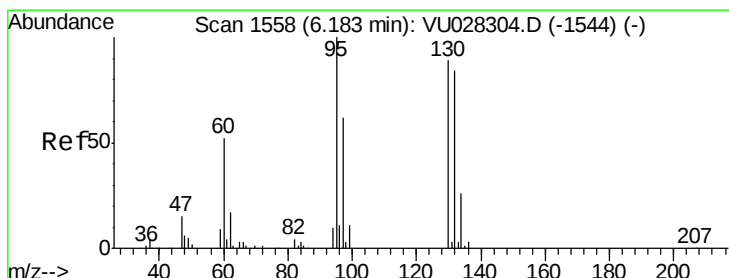
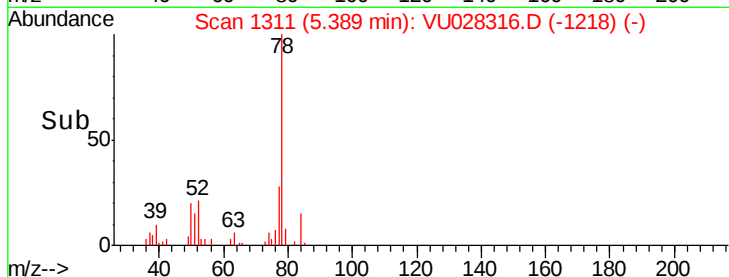
Tgt Ion: 78 Resp: 16750



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time--> 5.30 5.35 5.40 5.45



#34

Trichloroethene

Concen: 0.255 ug/L

RT: 6.18 min Scan# 1558

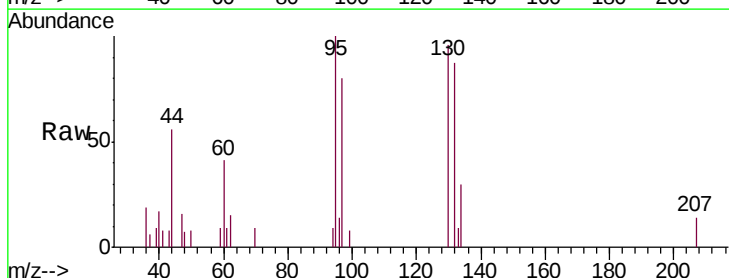
Delta R.T. -0.00 min

Lab File: VU028316.D

Acq: 21 Nov 2018 13:51

Tgt Ion: 95 Resp: 3208

Ion	Ratio	Lower	Upper
95	100		
97	79.9	46.5	86.3
132	86.6	58.9	109.3
130	95.6	61.3	113.9

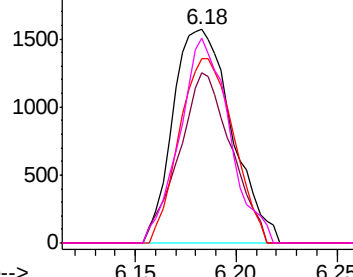


Abundance Ion 95.00 (94.70 to 95.70): VU0

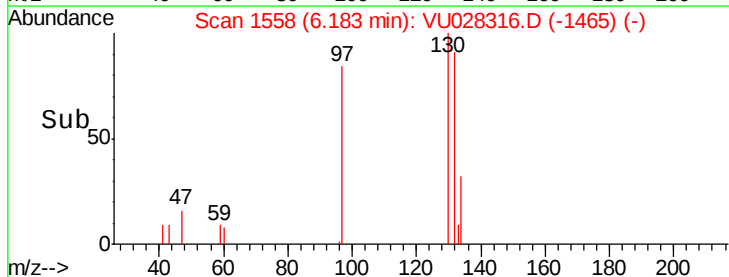
Ion 96.95 (96.65 to 97.65): VU0

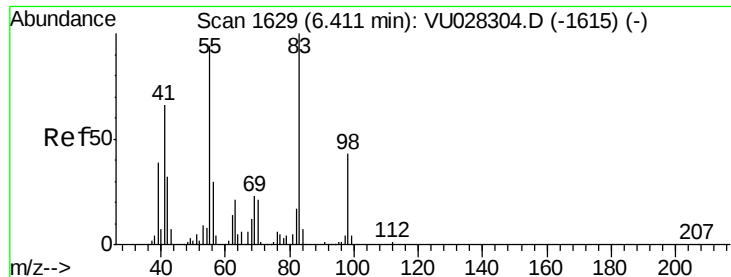
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



Time--> 6.15 6.20 6.25





#35

Methylcyclohexane

Concen: 0.812 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU028316.D

Acq: 21 Nov 2018 13:51

Instrument :

MSVOA_U

ClientSampled :

H0FP0

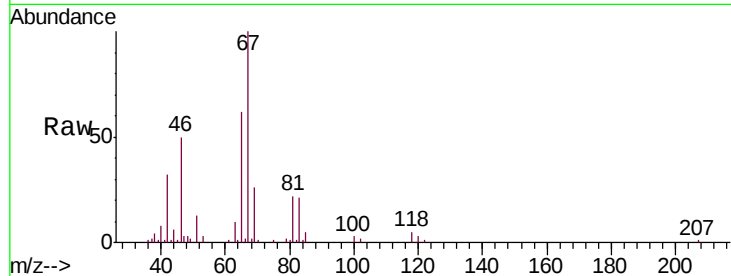
Tgt Ion: 83 Resp: 16103

Ion Ratio Lower Upper

83 100

55 0.0 73.2 109.8#

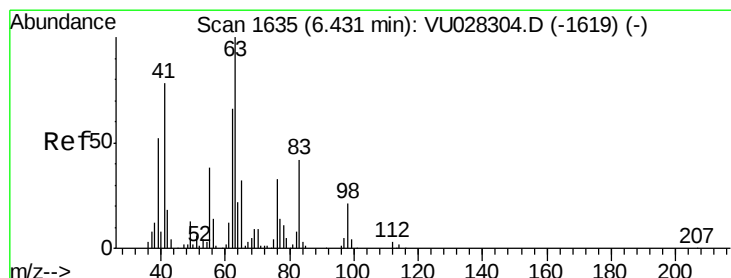
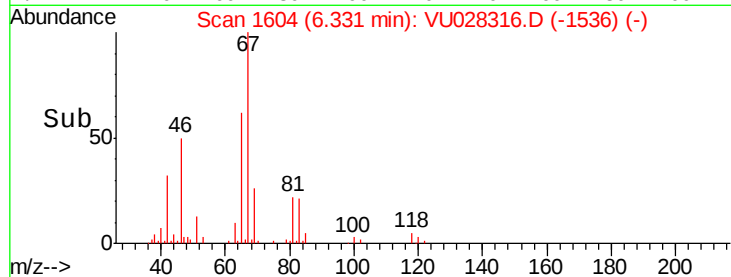
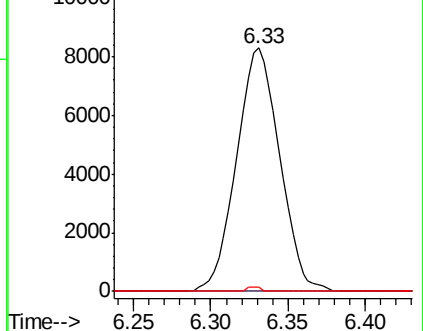
98 0.5 33.4 50.2#



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: 0.542 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.10 min

Lab File: VU028316.D

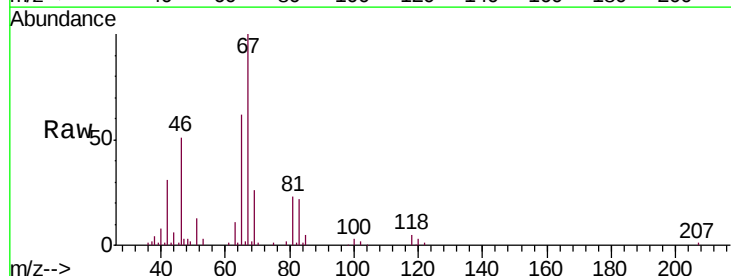
Acq: 21 Nov 2018 13:51

Tgt Ion: 63 Resp: 7948

Ion Ratio Lower Upper

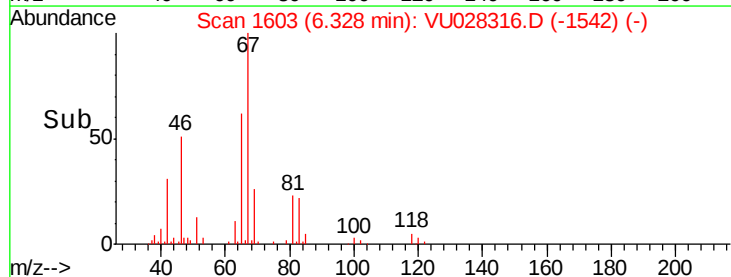
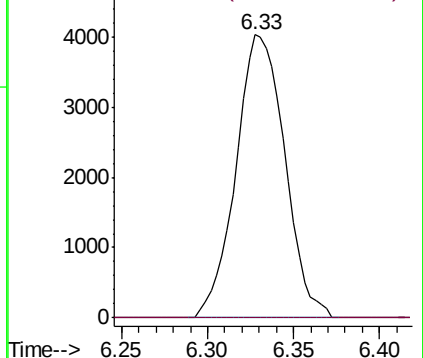
63 100

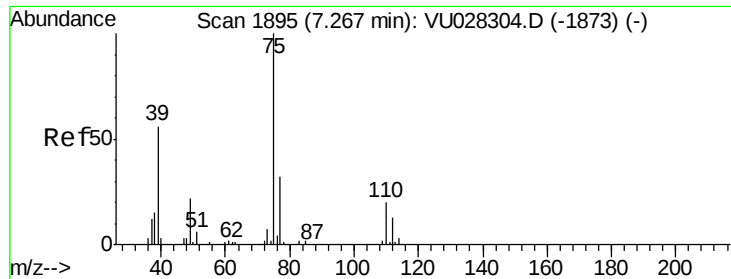
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



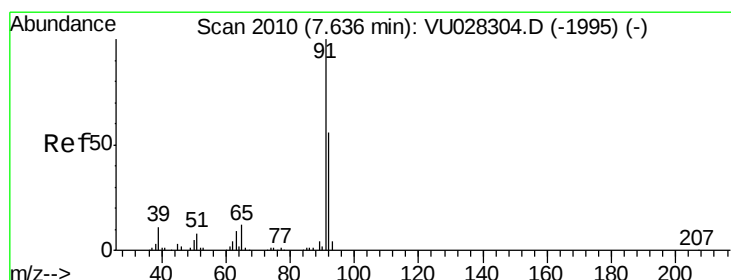
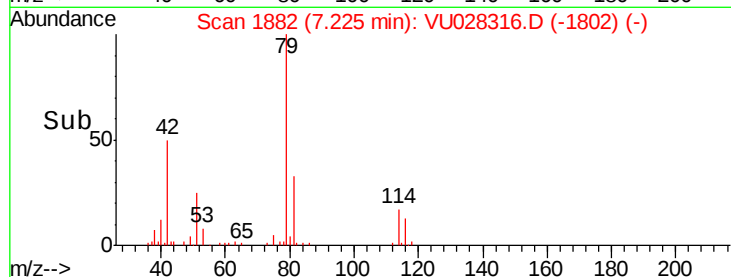
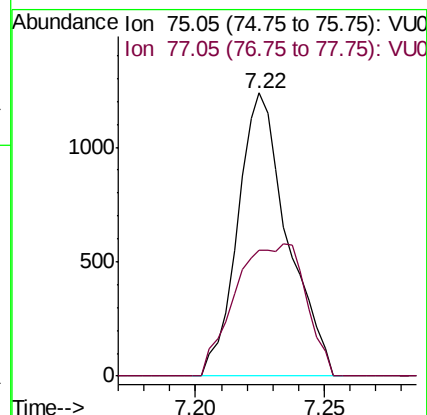
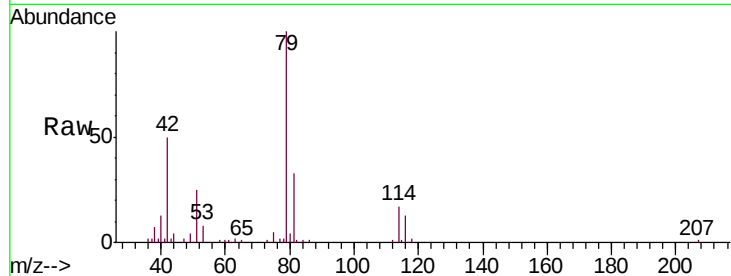


#39

cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028316.D
Acq: 21 Nov 2018 13:51

Instrument :
MSVOA_U
ClientSampled :
H0FP0

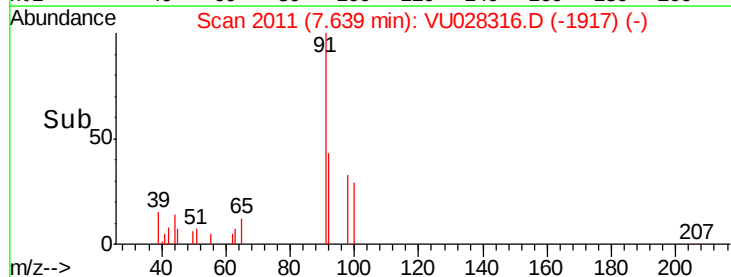
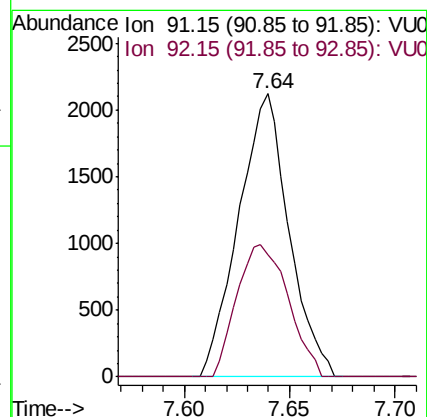
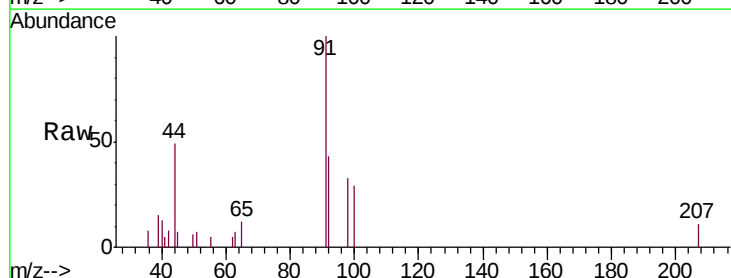
Tgt Ion: 75 Resp: 1667
Ion Ratio Lower Upper
75 100
77 44.3 21.7 40.3#

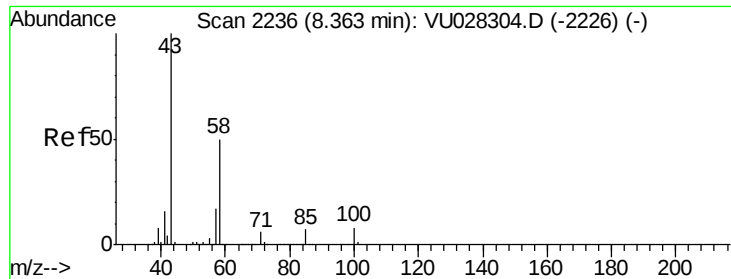


#42

Toluene
Concen: 0.067 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028316.D
Acq: 21 Nov 2018 13:51

Tgt Ion: 91 Resp: 3517
Ion Ratio Lower Upper
91 100
92 42.9 39.0 72.4

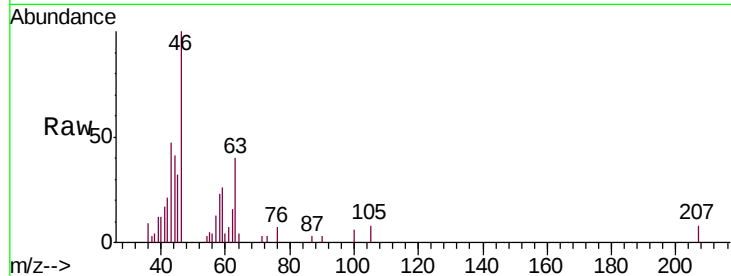




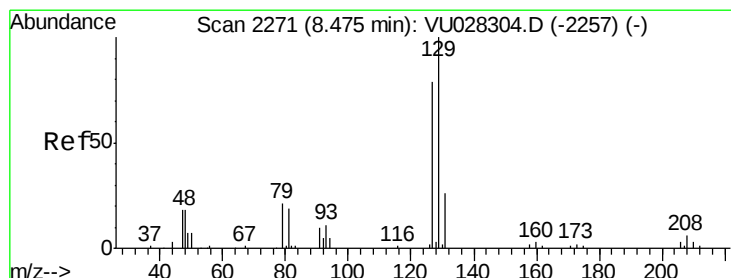
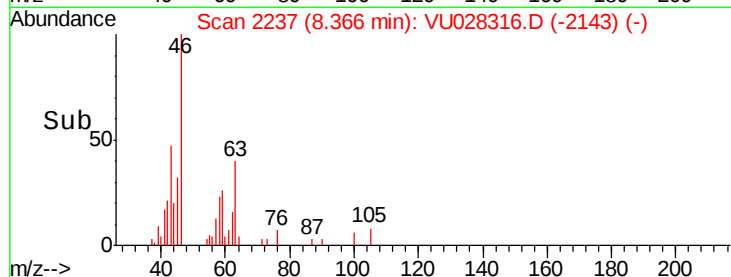
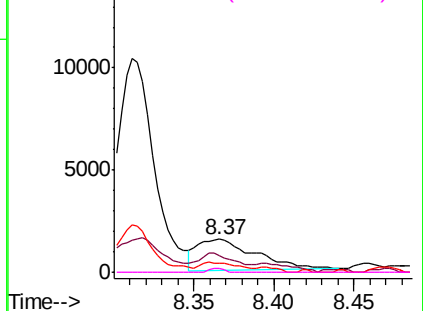
#48
2-Hexanone
Concen: 0.521 ug/L
RT: 8.37 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VU028316.D
Acq: 21 Nov 2018 13:51

Instrument :
MSVOA_U
ClientSampleId :
H0FP0

Tgt Ion: 43 Resp: 3899
Ion Ratio Lower Upper
43 100
58 37.5 41.1 61.7#
57 19.4 13.8 20.8
100 3.2 6.5 9.7#

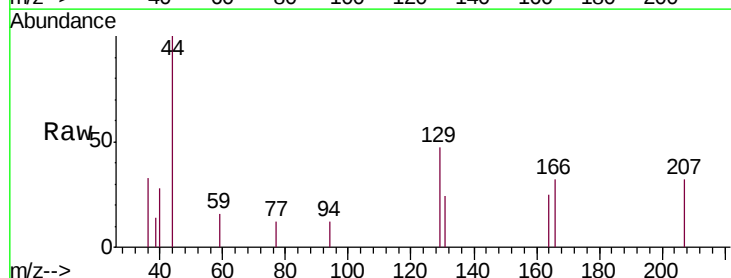


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

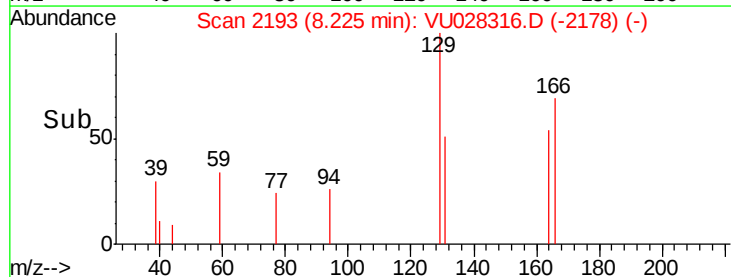
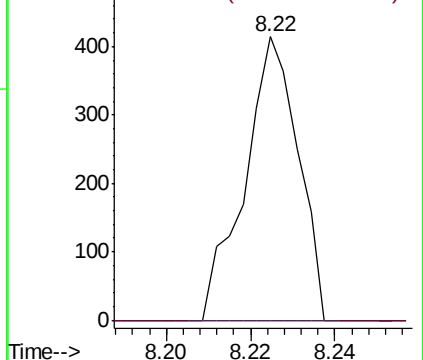


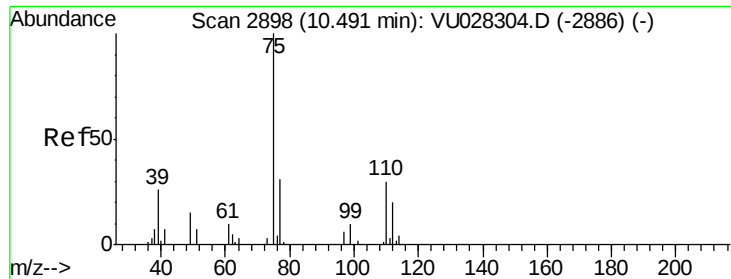
#49
Dibromochloromethane
Concen: 0.041 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028316.D
Acq: 21 Nov 2018 13:51

Tgt Ion: 129 Resp: 366
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#



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: 1.175 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028316.D

Acq: 21 Nov 2018 13:51

Instrument :

MSVOA_U

ClientSampleId :

H0FP0

Tgt Ion: 75 Resp: 9967

Ion Ratio Lower Upper

75 100

77 41.7 25.7 38.5#

