

Data File : VU028317.D
Acq On : 21 Nov 2018 14:15
Operator : MD/SY
Sample : J6026-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FP1

Quant Time: Nov 21 22:38:04 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	5.89	114	170132	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163090	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73727	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58928	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.68	69	47828	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.27	63	87841	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.19	46	185786	43.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.74%
24) Chloroform-d	4.65	84	102497	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	58289	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.34	84	211198	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.33	67	75425	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.56	98	183154	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.85	79	27261	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.31	63	125958	38.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53836	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	59510	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	10540	0.610 ug/L	86
12) 1,1-Dichloroethene	2.27	96	637	0.061 ug/L #	1
13) Acetone	2.30	43	4830	1.639 ug/L	86
15) Methyl Acetate	2.70	43	50640	6.484 ug/L #	59
17) Methyl tert-butyl Ether	3.00	73	1267095	40.272 ug/L	96
19) 1,1-Dichloroethane	3.44	63	12670	0.490 ug/L	93
22) cis-1,2-Dichloroethene	4.23	96	1816	0.138 ug/L	85
30) Cyclohexane	4.99	56	16179	0.672 ug/L	98
33) Benzene	5.39	78	84568	1.572 ug/L	100
34) Trichloroethene	6.20	95	693	0.053 ug/L #	67
35) Methylcyclohexane	6.42	83	1292	0.062 ug/L #	55
37) 1,2-Dichloropropane	6.33	63	7767	0.506 ug/L #	94
39) cis-1,3-Dichloropropene	7.23	75	1819	0.093 ug/L #	52
42) Toluene	7.64	91	5142	0.094 ug/L	86
48) 2-Hexanone	8.37	43	4751	0.607 ug/L #	46
58) 1,1,2,2-Tetrachloroethane	10.46	83	1807	0.152 ug/L #	45

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

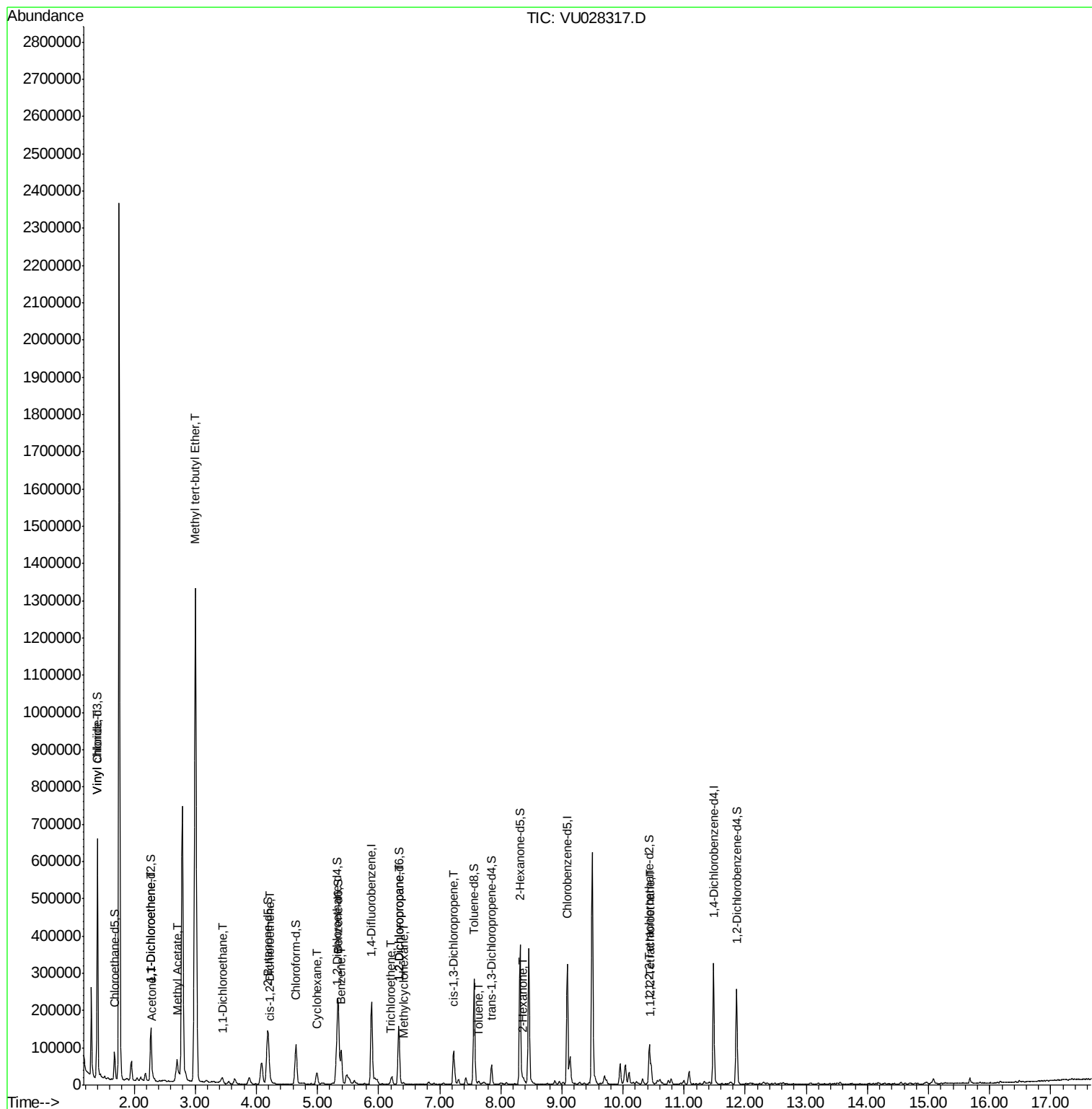
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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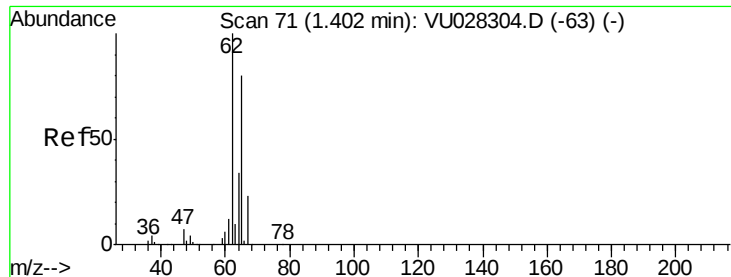
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.610 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028317.D

Acq: 21 Nov 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

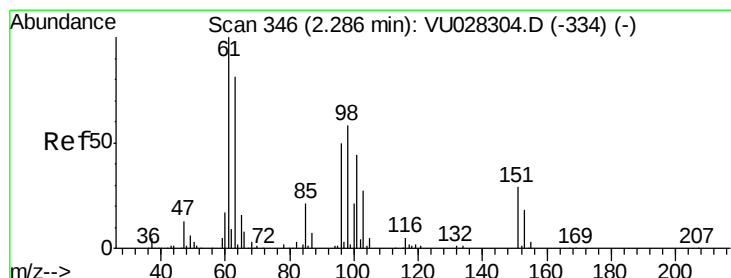
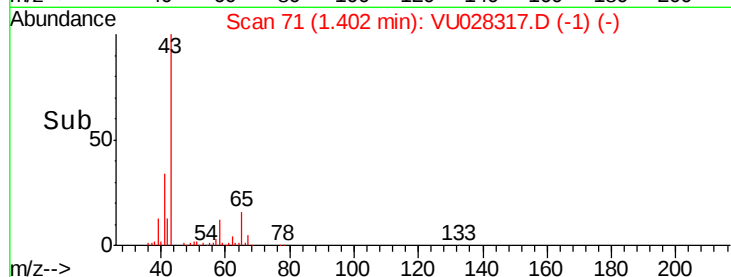
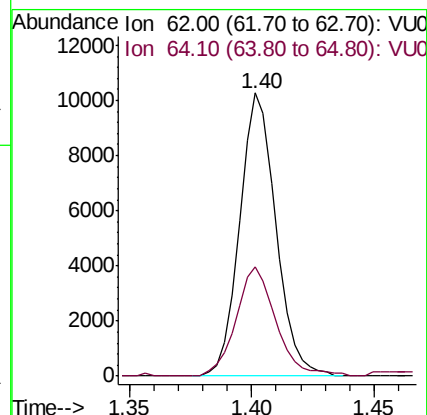
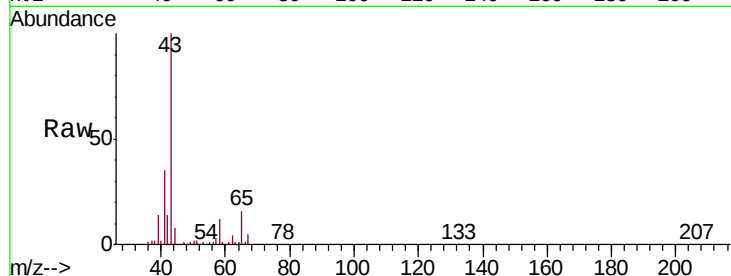
H0FP1

Tgt Ion: 62 Resp: 10540

Ion Ratio Lower Upper

62 100

64 38.6 21.7 40.3



#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU028317.D

Acq: 21 Nov 2018 14:15

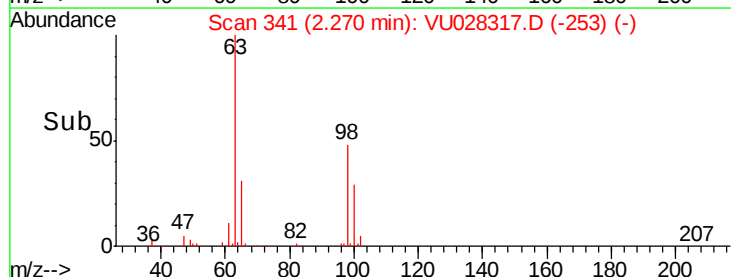
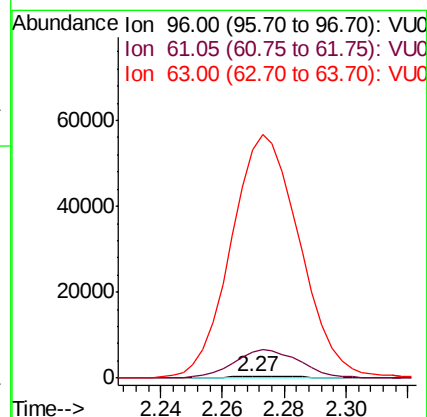
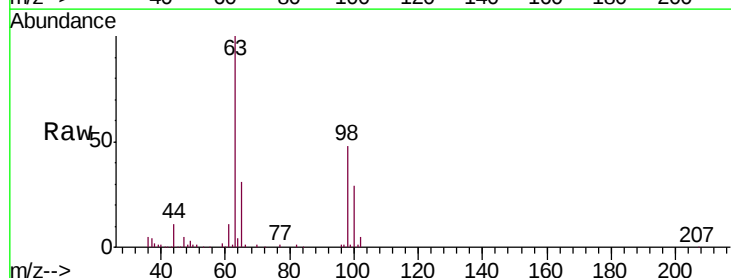
Tgt Ion: 96 Resp: 637

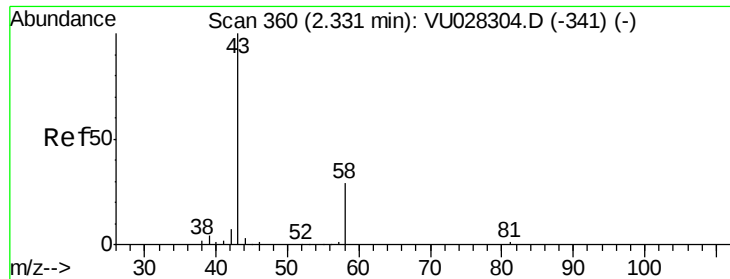
Ion Ratio Lower Upper

96 100

61 1671.6 145.5 270.1#

63 14660.1 98.6 183.2#





#13

Acetone

Concen: 1.639 ug/L

RT: 2.30 min Scan# 351

Delta R.T. -0.03 min

Lab File: VU028317.D

Acq: 21 Nov 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

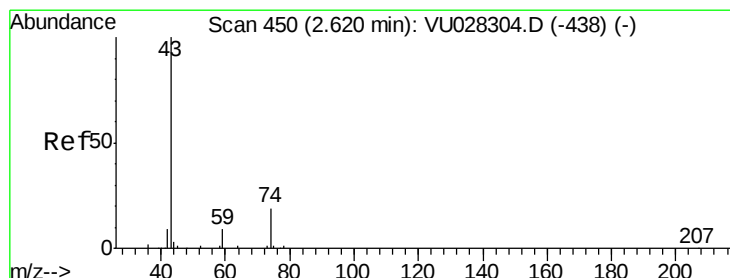
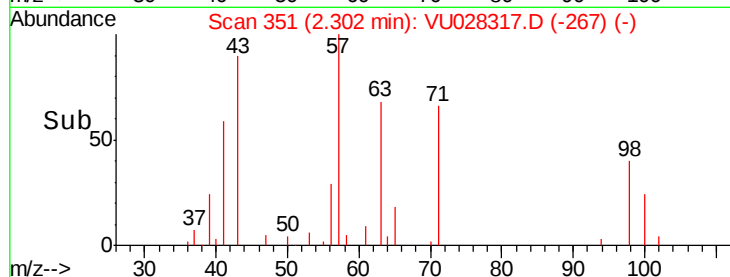
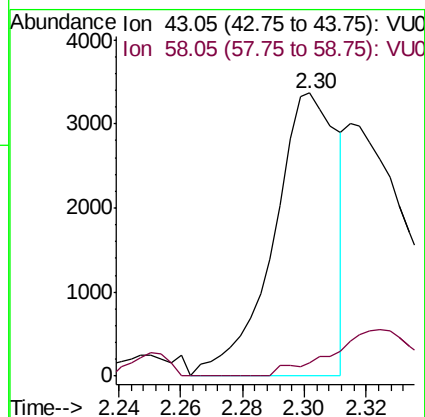
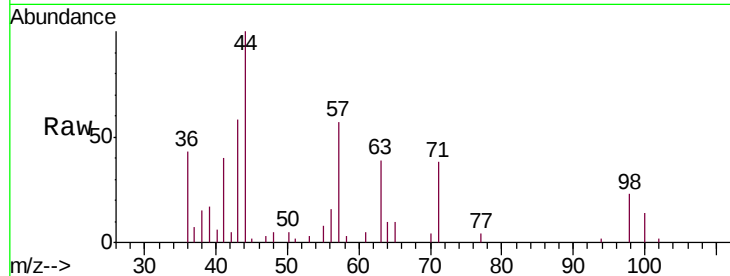
H0FP1

Tgt Ion: 43 Resp: 4830

Ion Ratio Lower Upper

43 100

58 21.7 0.0 58.6



#15

Methyl Acetate

Concen: 6.484 ug/L

RT: 2.70 min Scan# 476

Delta R.T. 0.08 min

Lab File: VU028317.D

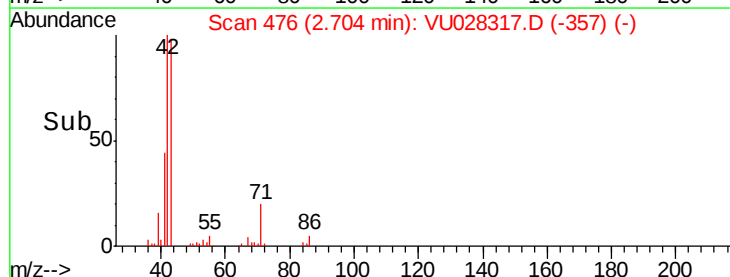
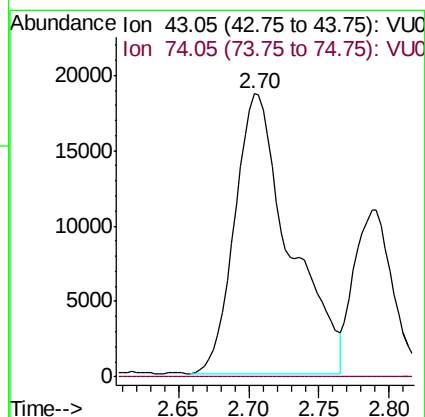
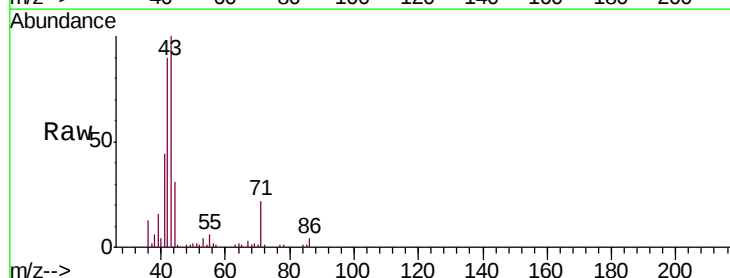
Acq: 21 Nov 2018 14:15

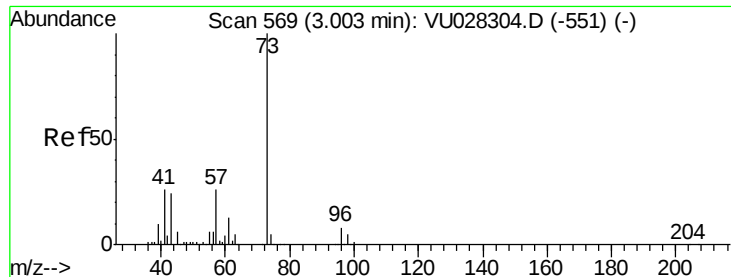
Tgt Ion: 43 Resp: 50640

Ion Ratio Lower Upper

43 100

74 0.0 14.7 22.1#

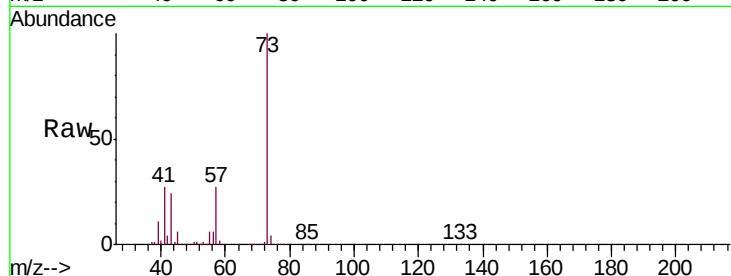




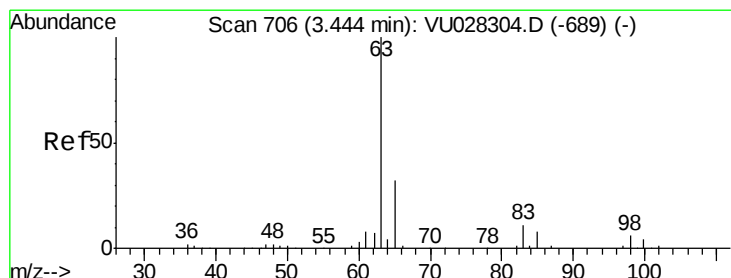
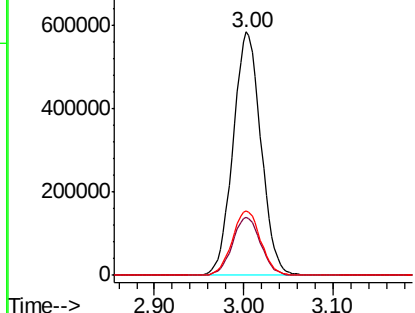
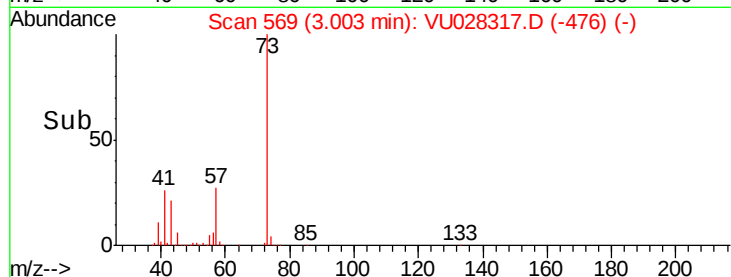
#17
Methyl tert-butyl Ether
Concen: 40.272 ug/L
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU028317.D
Acq: 21 Nov 2018 14:15

Instrument :
MSVOA_U
ClientSampleId :
H0FP1

Tgt Ion: 73 Resp: 1267095
Ion Ratio Lower Upper
73 100
43 24.2 18.8 28.2
57 27.1 19.2 28.8

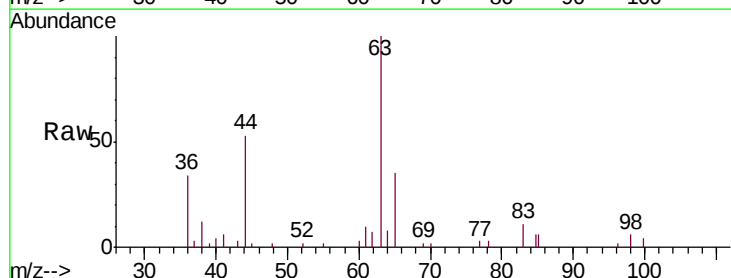


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

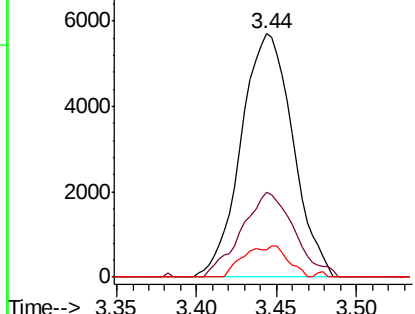
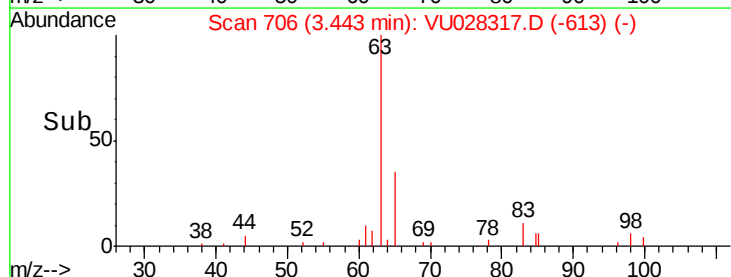


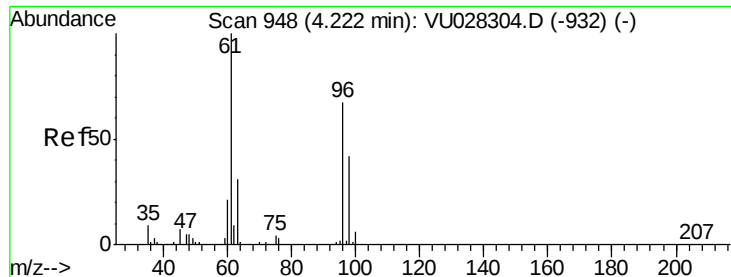
#19
1,1-Dichloroethane
Concen: 0.490 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU028317.D
Acq: 21 Nov 2018 14:15

Tgt Ion: 63 Resp: 12670
Ion Ratio Lower Upper
63 100
65 34.7 21.2 39.4
83 11.4 8.8 16.4



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





#22

cis-1,2-Dichloroethene

Concen: 0.138 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.01 min

Lab File: VU028317.D

Acq: 21 Nov 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

H0FP1

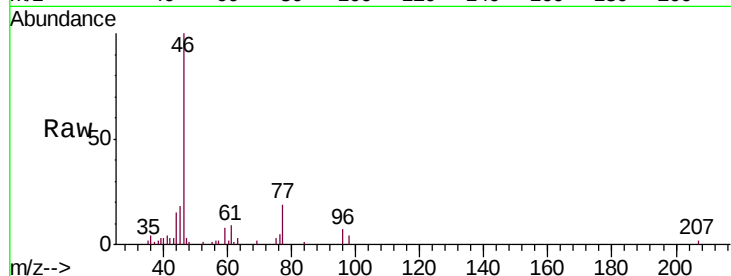
Tgt Ion: 96 Resp: 1816

Ion Ratio Lower Upper

96 100

61 134.9 108.0 200.6

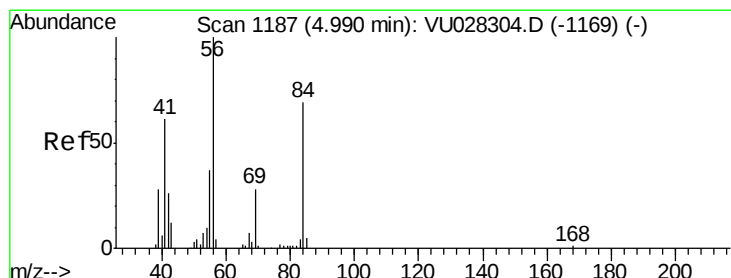
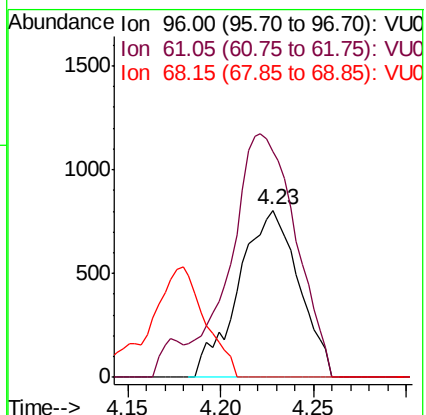
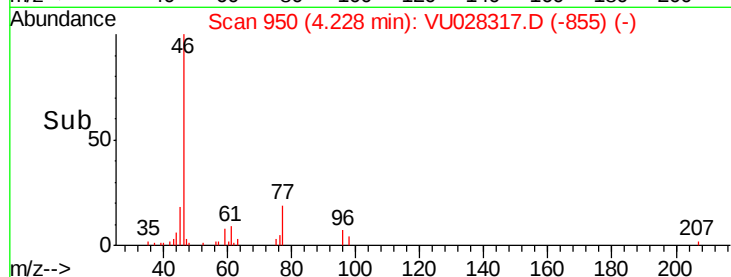
68 0.0 0.0 0.0



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



#30

Cyclohexane

Concen: 0.672 ug/L

RT: 4.99 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU028317.D

Acq: 21 Nov 2018 14:15

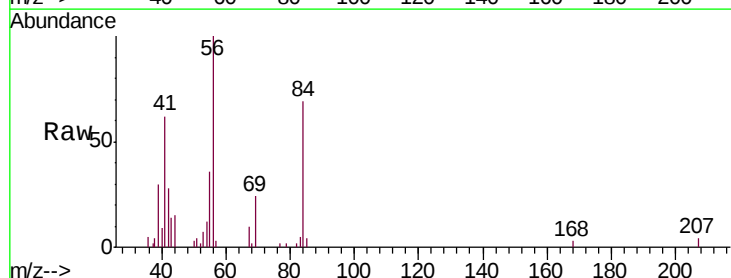
Tgt Ion: 56 Resp: 16179

Ion Ratio Lower Upper

56 100

69 28.2 22.0 33.0

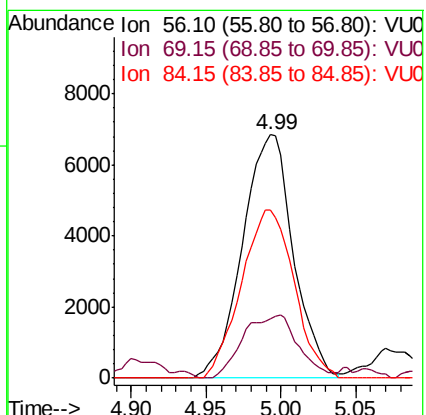
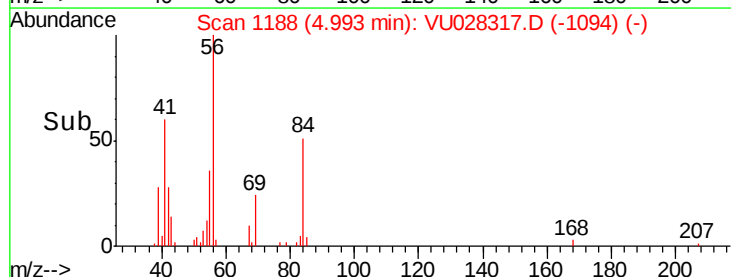
84 71.8 56.0 84.0

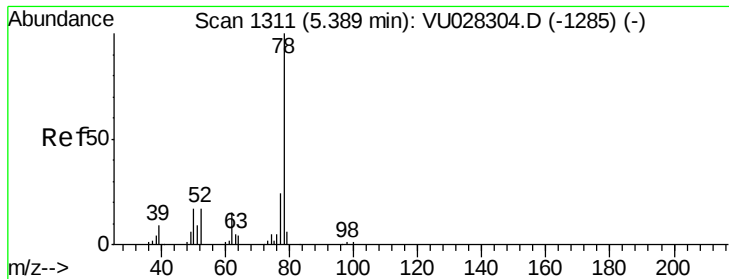


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#33

Benzene

Concen: 1.572 ug/L

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU028317.D

Acq: 21 Nov 2018 14:15

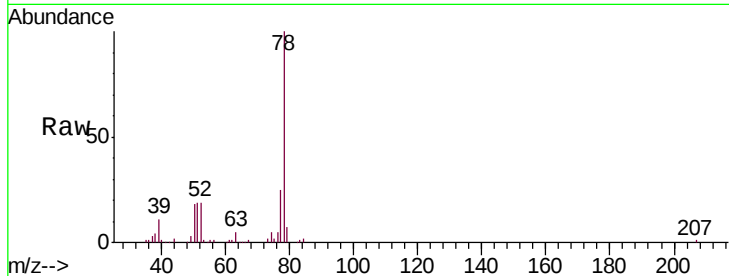
Instrument :

MSVOA_U

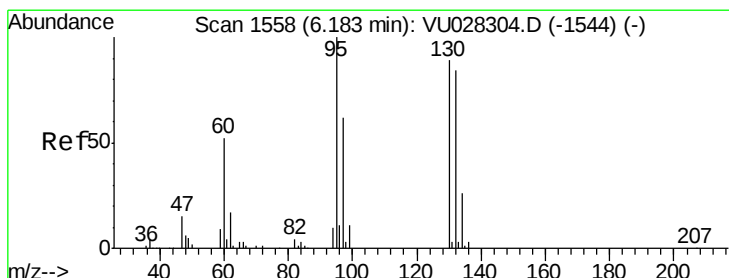
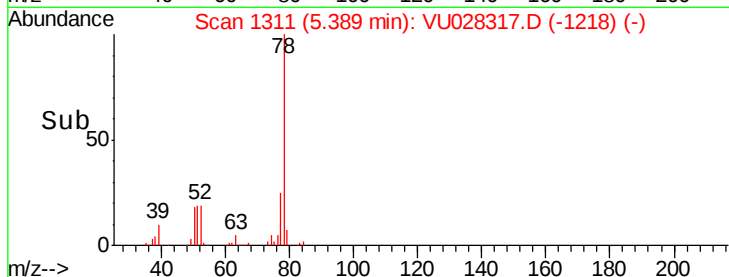
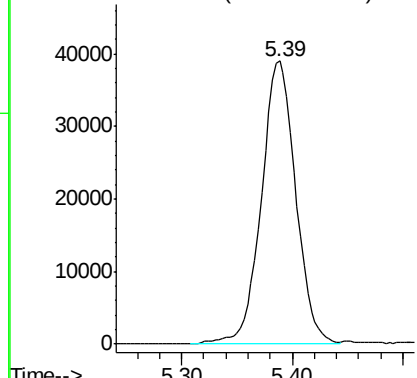
ClientSampleId :

H0FP1

Tgt Ion: 78 Resp: 84568



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.053 ug/L

RT: 6.20 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VU028317.D

Acq: 21 Nov 2018 14:15

Tgt Ion: 95 Resp: 693

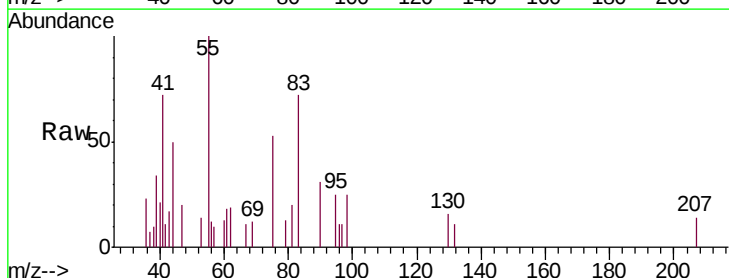
Ion Ratio Lower Upper

95 100

97 44.4 46.5 86.3#

132 43.1 58.9 109.3#

130 64.2 61.3 113.9

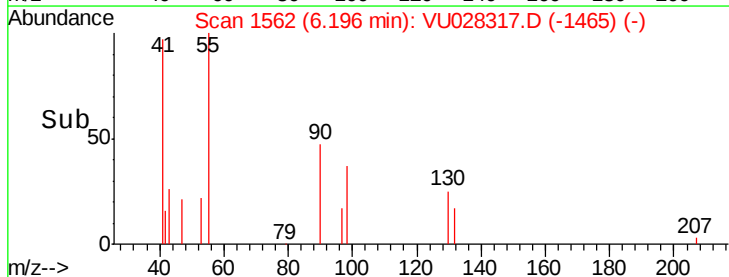
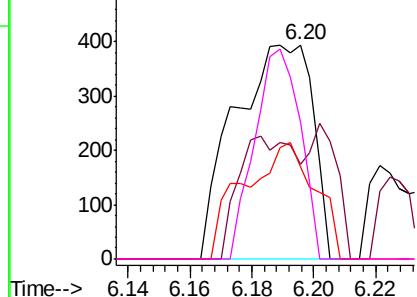


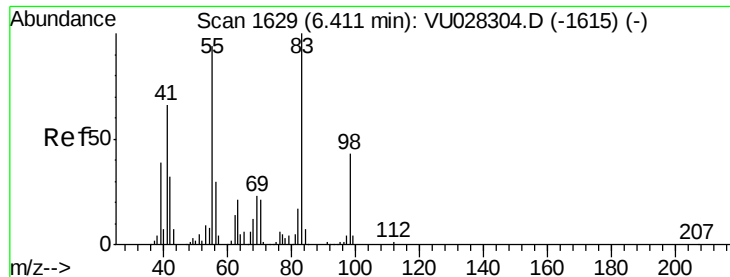
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

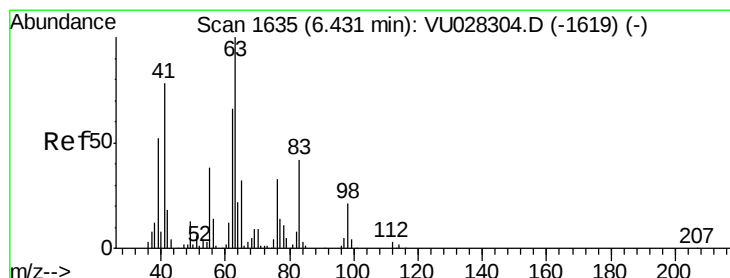
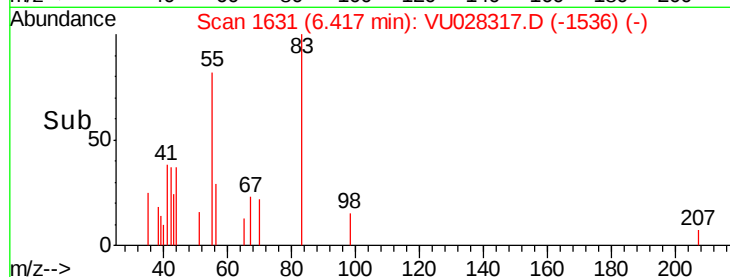
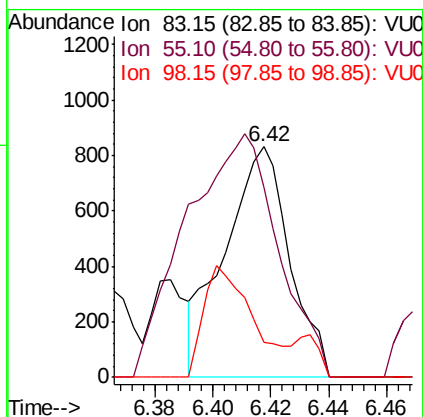
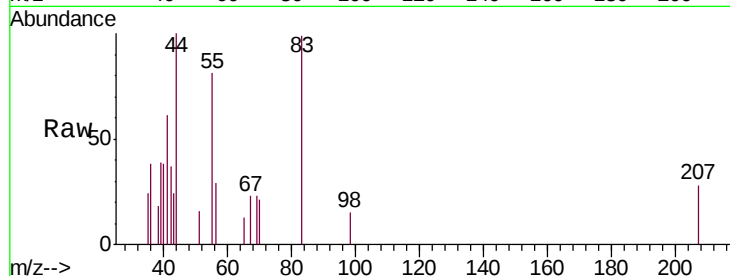




#35
Methylcyclohexane
Concen: 0.062 ug/L
RT: 6.42 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VU028317.D
Acq: 21 Nov 2018 14:15

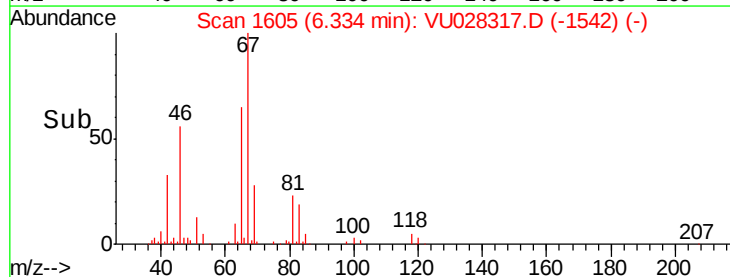
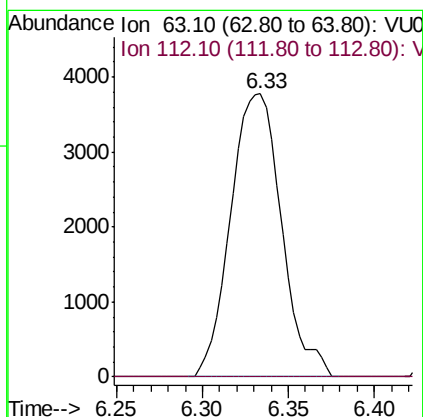
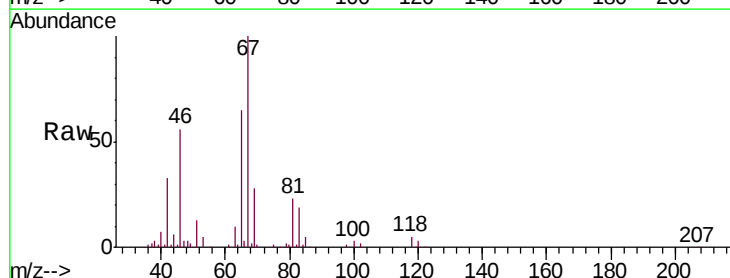
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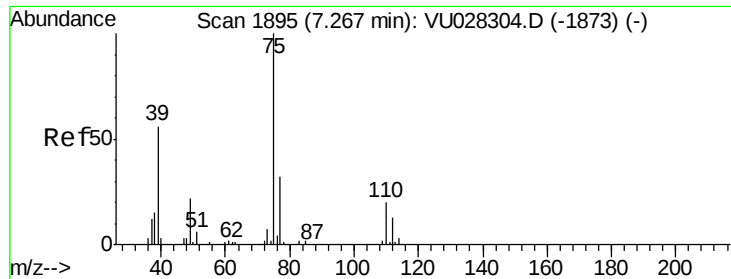
Tgt Ion: 83 Resp: 1292
Ion Ratio Lower Upper
83 100
55 150.3 73.2 109.8#
98 36.2 33.4 50.2



#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028317.D
Acq: 21 Nov 2018 14:15

Tgt Ion: 63 Resp: 7767
Ion Ratio Lower Upper
63 100
112 0.6 2.2 3.2#

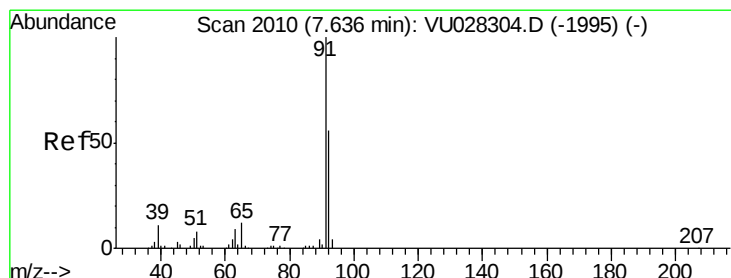
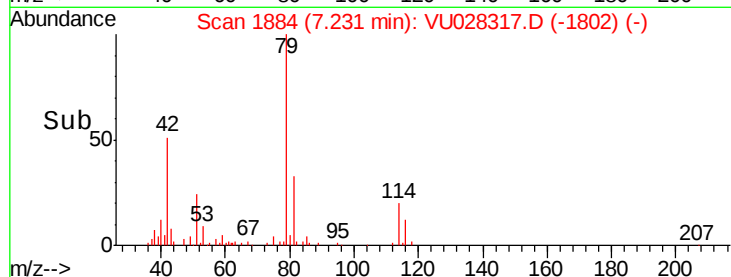
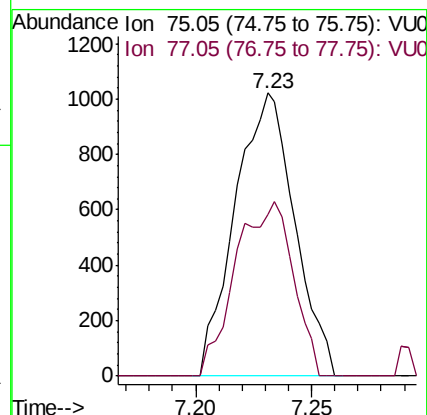
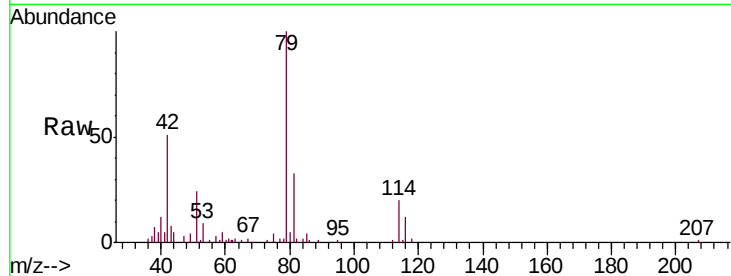




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU028317.D
 Acq: 21 Nov 2018 14:15

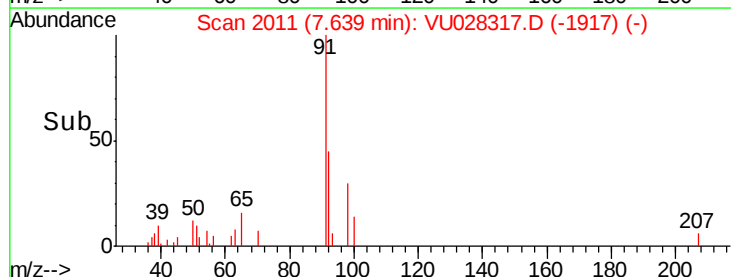
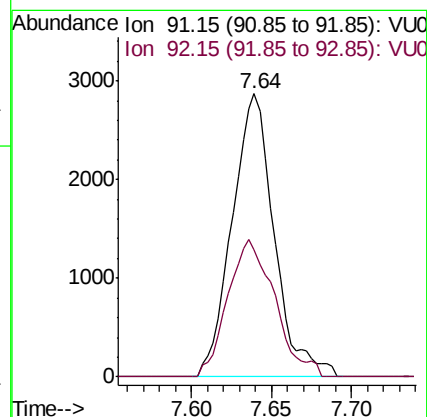
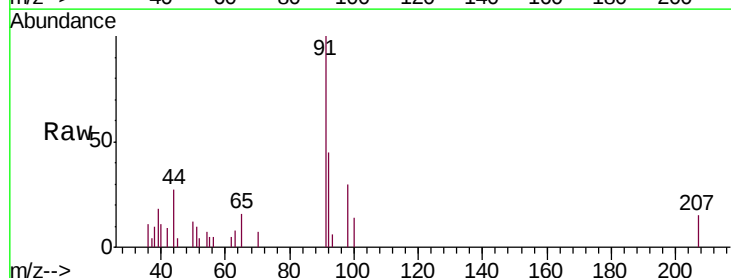
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP1

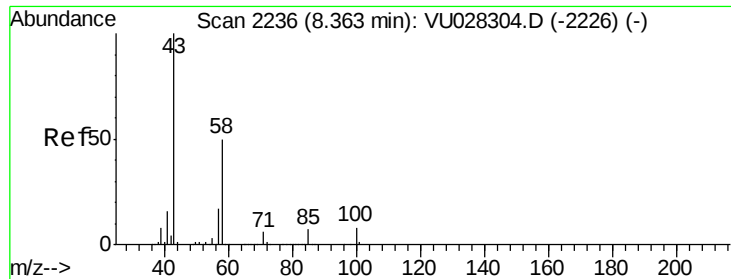
Tgt Ion: 75 Resp: 1819
 Ion Ratio Lower Upper
 75 100
 77 57.1 21.7 40.3#



#42
 Toluene
 Concen: 0.094 ug/L
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU028317.D
 Acq: 21 Nov 2018 14:15

Tgt Ion: 91 Resp: 5142
 Ion Ratio Lower Upper
 91 100
 92 45.2 39.0 72.4

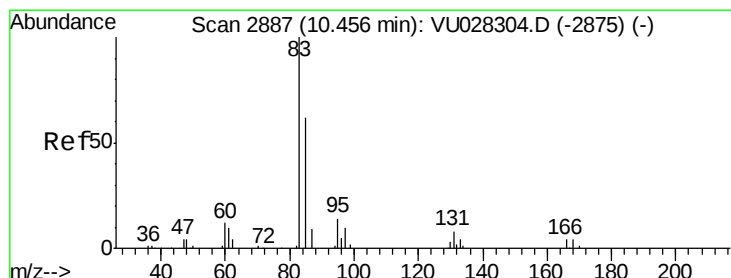
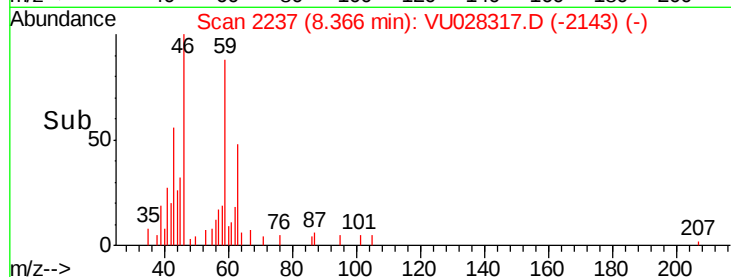
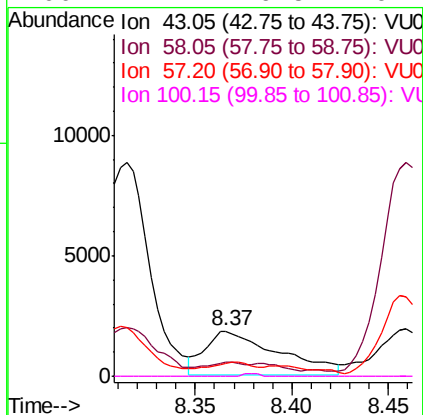
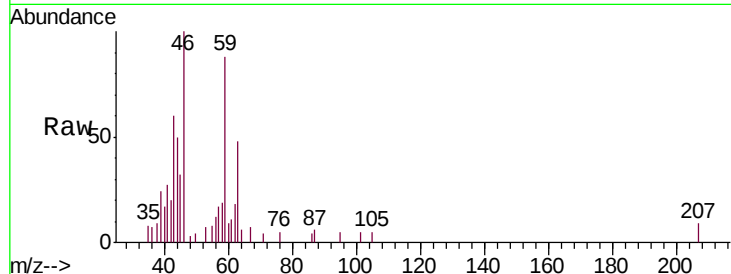




#48
2-Hexanone
Concen: 0.607 ug/L
RT: 8.37 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VU028317.D
Acq: 21 Nov 2018 14:15

Instrument :
MSVOA_U
ClientSampled :
H0FP1

Tgt Ion: 43 Resp: 4751
Ion Ratio Lower Upper
43 100
58 0.0 41.1 61.7#
57 12.5 13.8 20.8#
100 1.4 6.5 9.7#



#58
1,1,2,2-Tetrachloroethane
Concen: 0.152 ug/L
RT: 10.46 min Scan# 2887
Delta R.T. -0.00 min
Lab File: VU028317.D
Acq: 21 Nov 2018 14:15

Tgt Ion: 83 Resp: 1807
Ion Ratio Lower Upper
83 100
85 19.1 46.1 85.5#
131 0.0 6.2 9.2#

