

Data File : VU030838.D
Acq On : 07 Apr 2019 06:05
Operator : JC/SP
Sample : K2249-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YD6

Quant Time: Apr 08 07:11:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	473941	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	185043	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	215649	50.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.94%
7) Chloroethane-d5	1.68	69	166906	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.96%
11) 1,1-Dichloroethene-d2	2.27	63	328899	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.96%
21) 2-Butanone-d5	4.17	46	320096	95.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.46%
24) Chloroform-d	4.64	84	286434	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.64%
26) 1,2-Dichloroethane-d4	5.30	65	222048	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
32) Benzene-d6	5.33	84	665153	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.32	67	227952	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.40%
41) Toluene-d8	7.56	98	557596	46.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.06%
43) trans-1,3-Dichloropropene-	7.85	79	84666	40.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.16%
47) 2-Hexanone-d5	8.31	63	191416	90.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299587	47.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.88%
64) 1,2-Dichlorobenzene-d4	11.85	152	189090	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	553721	106.228	ug/L	96
8) Chloroethane	1.69	64	551097	185.366	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2202	0.649	ug/L #	20
13) Acetone	2.32	43	13000	3.789	ug/L	92
16) Methylene chloride	2.70	84	2881	0.724	ug/L	84
17) trans-1,2-Dichloroethene	2.98	96	73151	21.029	ug/L	94
19) 1,1-Dichloroethane	3.44	63	7101427	989.244	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	5087503	1324.569	ug/L #	98
25) Chloroform	4.67	83	37307	5.171	ug/L	97
27) 1,2-Dichloroethane	5.41	62	23221	4.217	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	2678585	474.637	ug/L	100
33) Benzene	5.39	78	15764	1.040	ug/L	100
34) Trichloroethene	6.19	95	22824	6.141	ug/L	95
46) Tetrachloroethene	8.22	164	25795	9.546	ug/L	86
48) 2-Hexanone	8.37	43	7465	1.387	ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	24010	4.672	ug/L #	82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\
Quantitation Report (Not Reviewed)

Data File : VU030838.D
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Operator : JC/SP
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Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

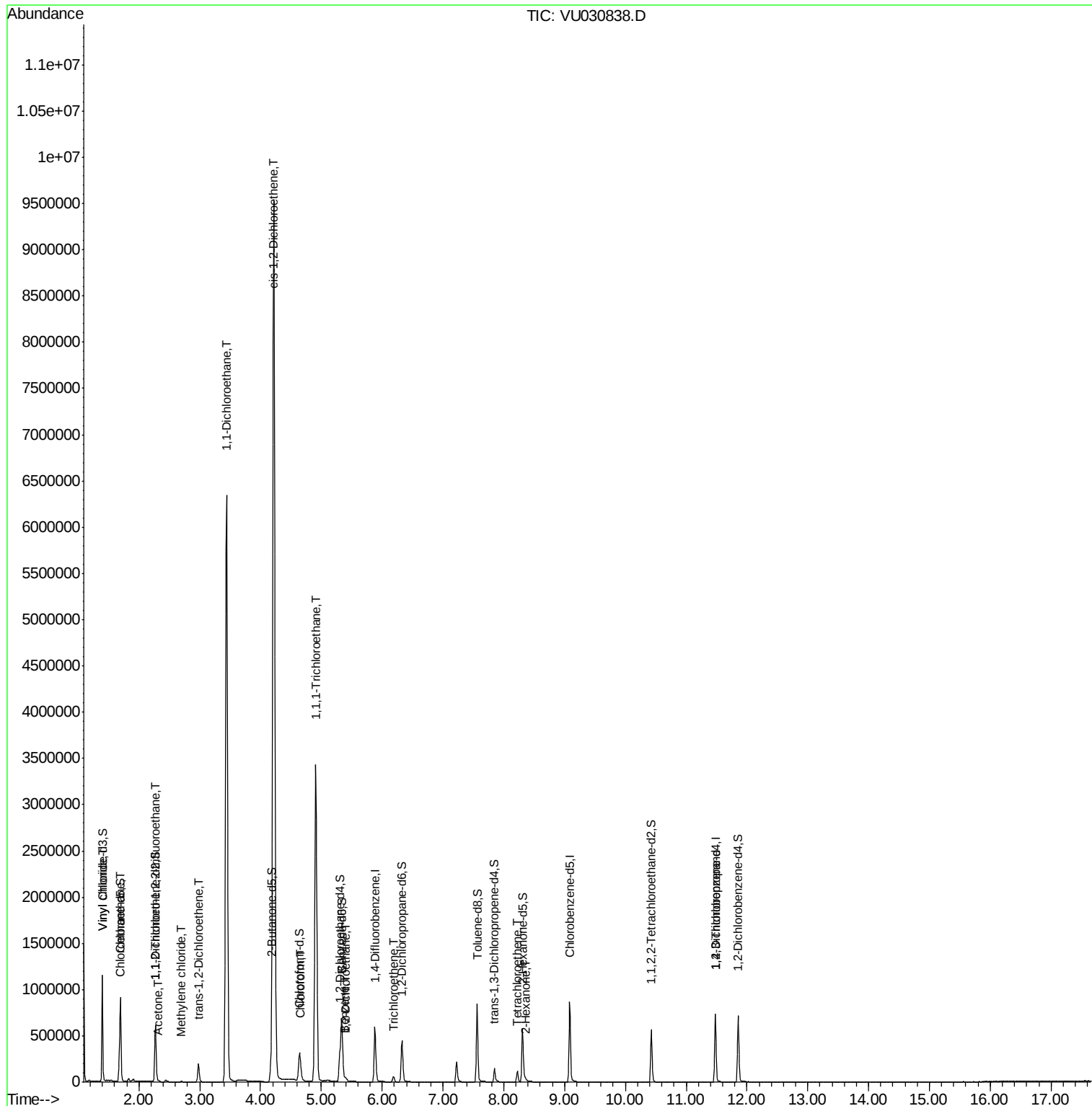
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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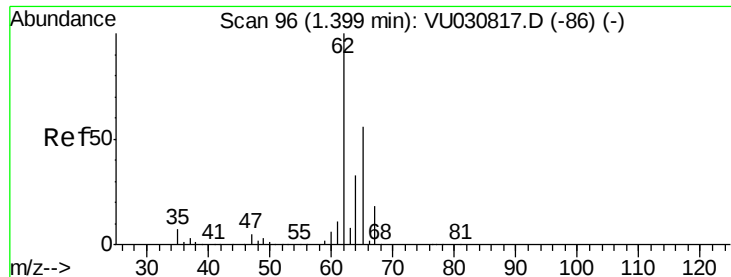
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : JC/SP
Sample : K2249-12
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ClientSampled :
E3YD6

Quant Time: Apr 08 07:11:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 106.228 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU030838.D

Acq: 07 Apr 2019 06:05

Instrument :

MSVOA_U

ClientSampleId :

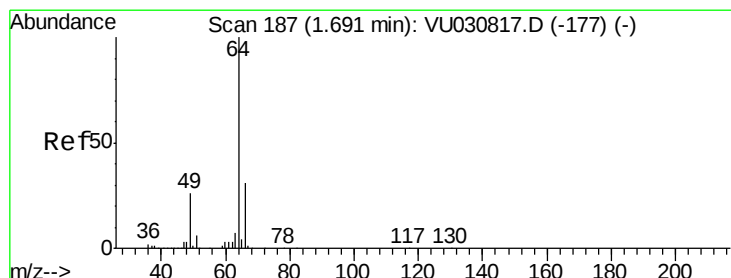
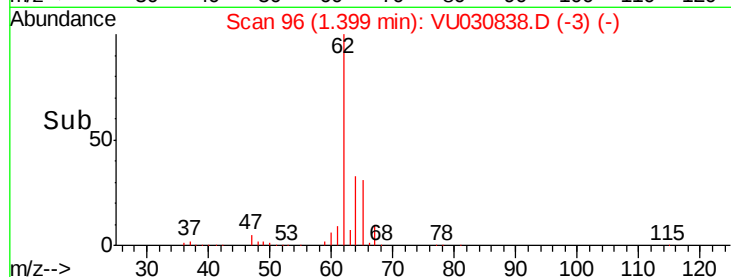
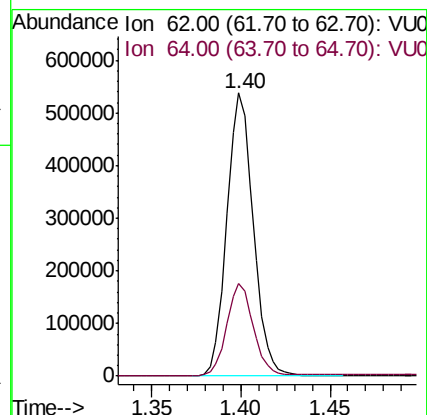
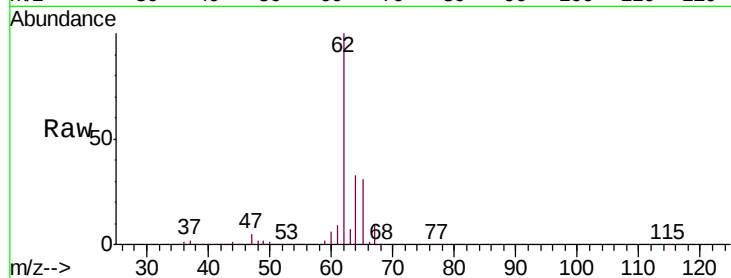
E3YD6

Tgt Ion: 62 Resp: 553721

Ion Ratio Lower Upper

62 100

64 32.8 21.5 39.9



#8

Chloroethane

Concen: 185.366 ug/L

RT: 1.69 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU030838.D

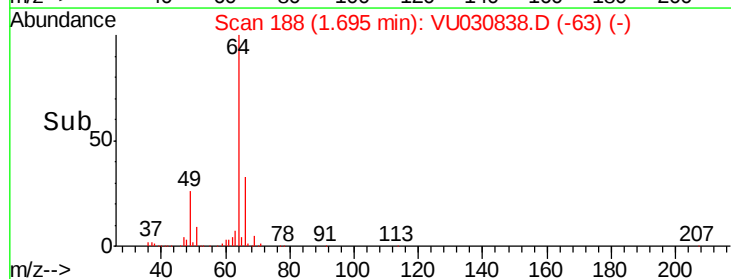
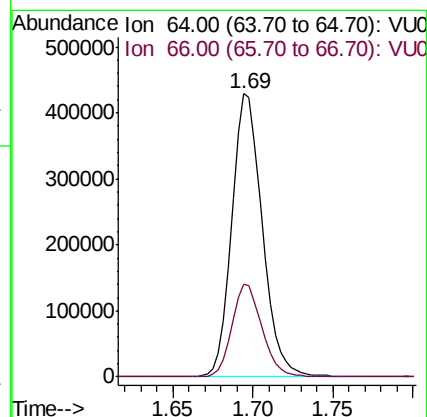
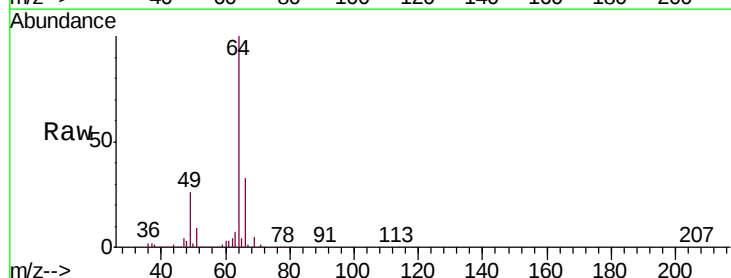
Acq: 07 Apr 2019 06:05

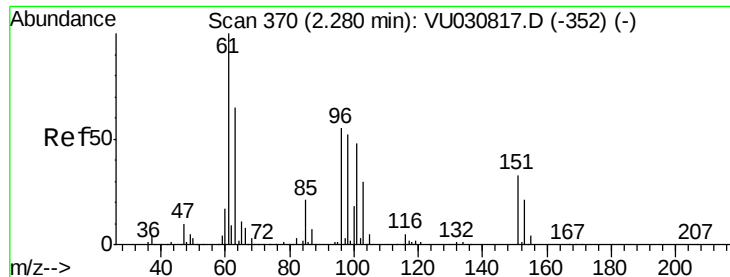
Tgt Ion: 64 Resp: 551097

Ion Ratio Lower Upper

64 100

66 32.9 22.4 41.6





#10

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

Concen: 0.649 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030838.D

Acq: 07 Apr 2019 06:05

Instrument :

MSVOA_U

ClientSampleId :

E3YD6

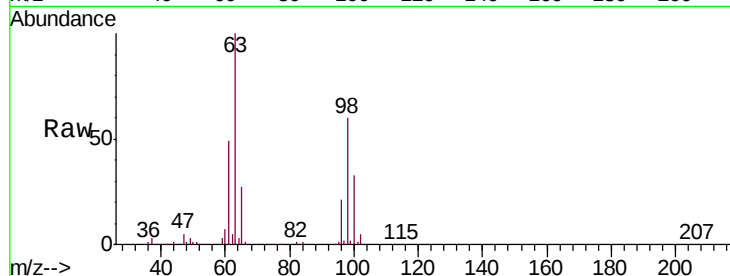
Tgt Ion:101 Resp: 2202

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

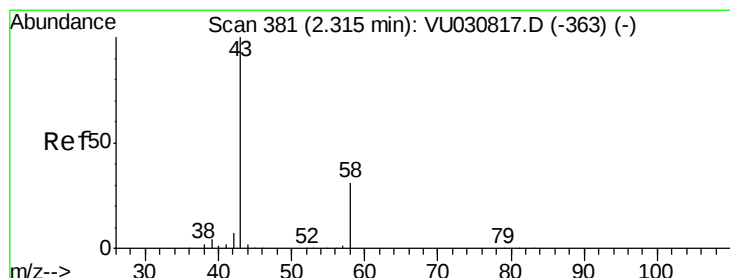
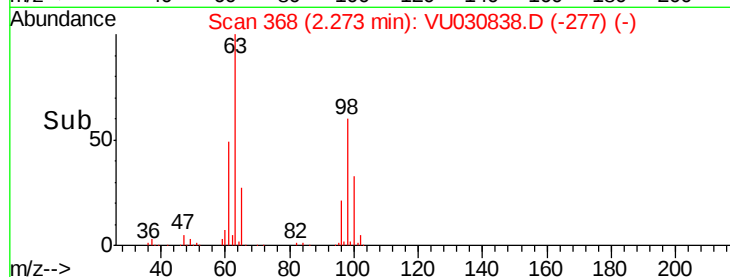
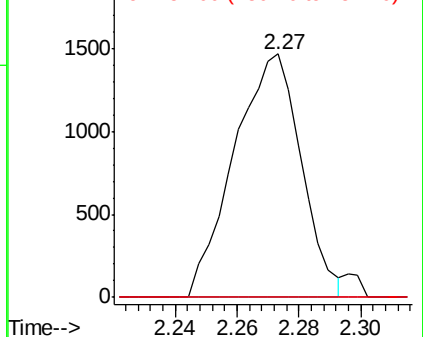
151 0.0 57.4 86.0#



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



#13

Acetone

Concen: 3.789 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030838.D

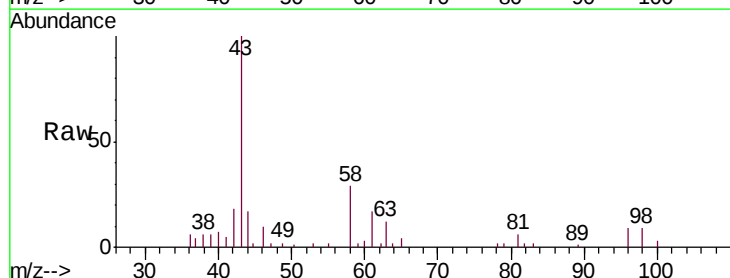
Acq: 07 Apr 2019 06:05

Tgt Ion: 43 Resp: 13000

Ion Ratio Lower Upper

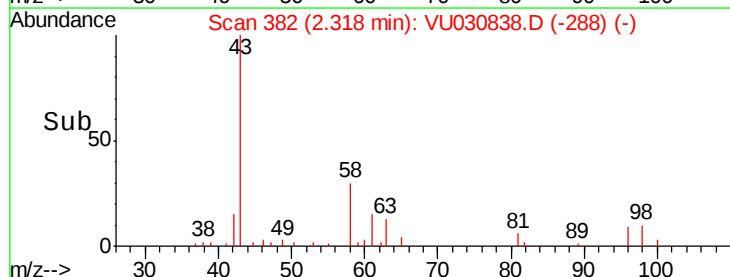
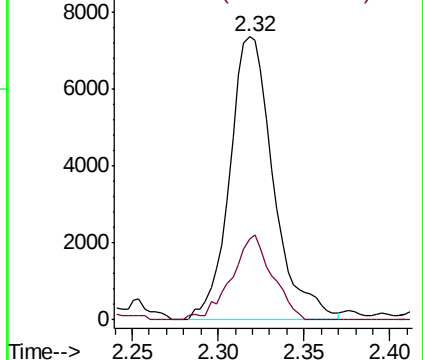
43 100

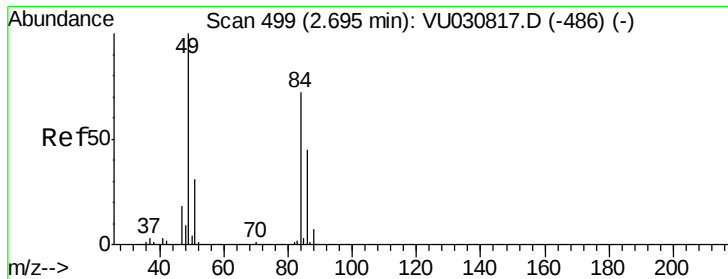
58 27.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

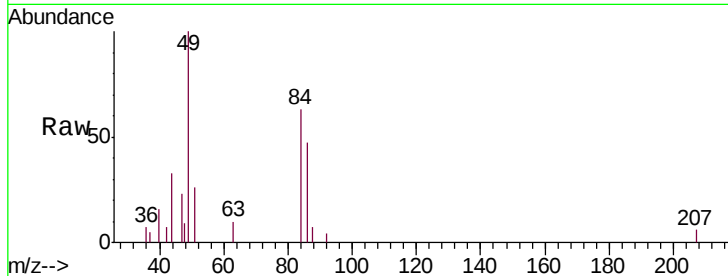




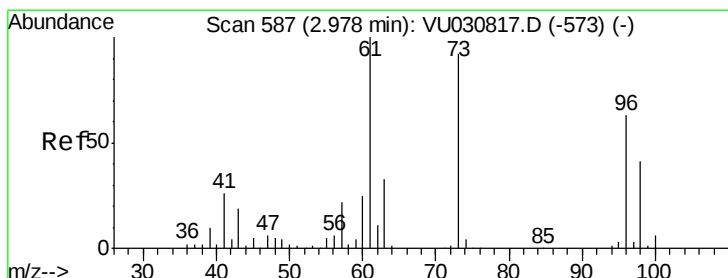
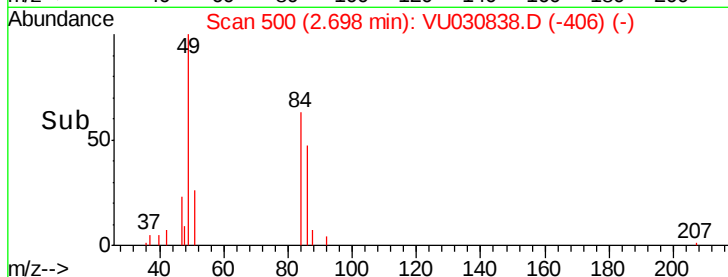
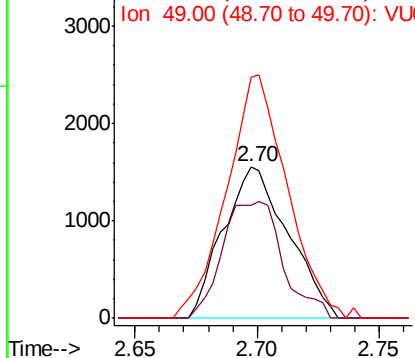
#16
Methylene chloride
Concen: 0.724 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU030838.D
Acq: 07 Apr 2019 06:05

Instrument :
MSVOA_U
ClientSampleId :
E3YD6

Tgt Ion: 84 Resp: 2881
Ion Ratio Lower Upper
84 100
86 74.6 45.1 83.7
49 158.6 96.5 179.1

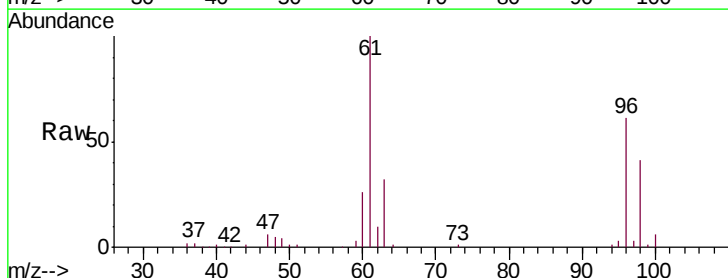


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

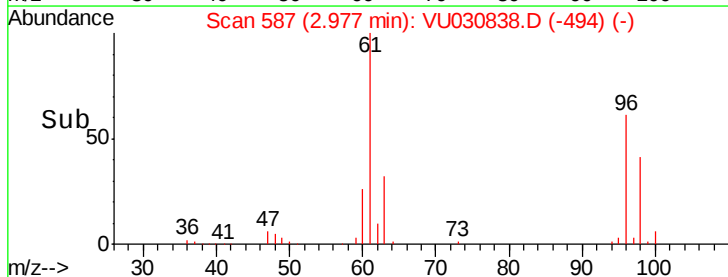
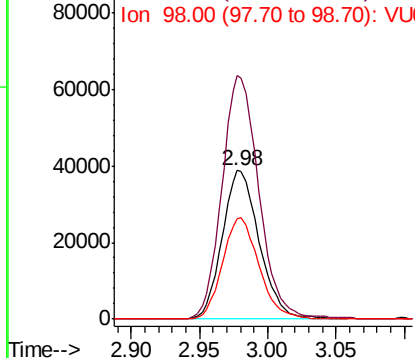


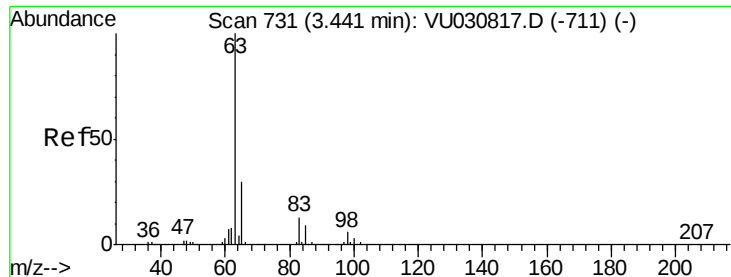
#17
trans-1,2-Dichloroethene
Concen: 21.029 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU030838.D
Acq: 07 Apr 2019 06:05

Tgt Ion: 96 Resp: 73151
Ion Ratio Lower Upper
96 100
61 163.8 109.5 203.3
98 67.6 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

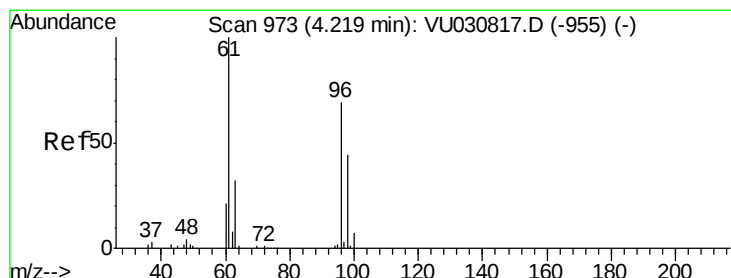
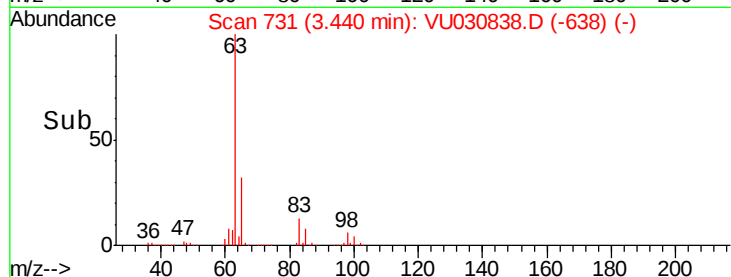
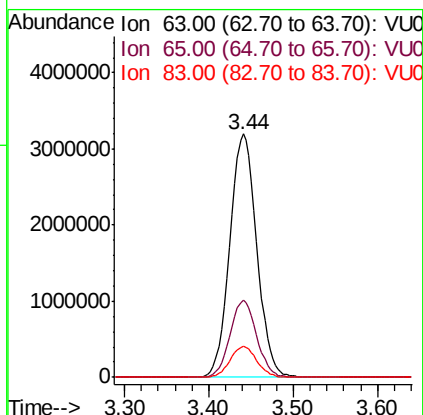
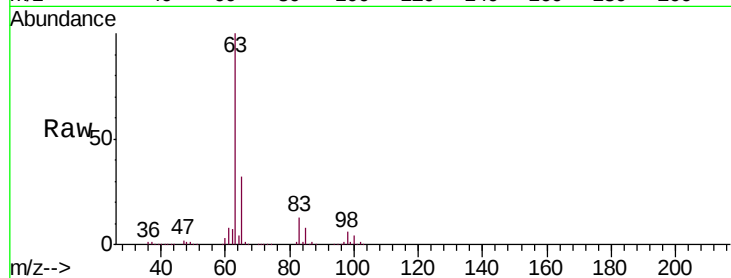




#19
 1,1-Dichloroethane
 Concen: 989.244 ug/L
 RT: 3.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VU030838.D
 Acq: 07 Apr 2019 06:05

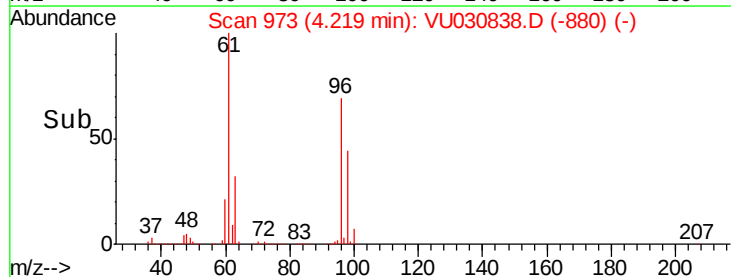
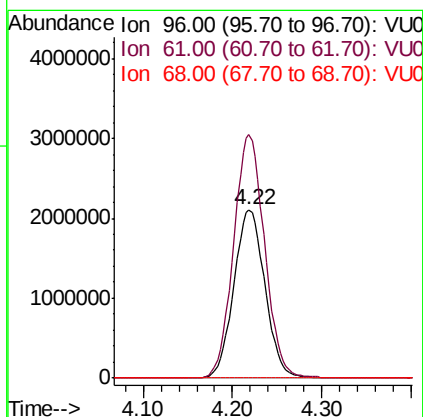
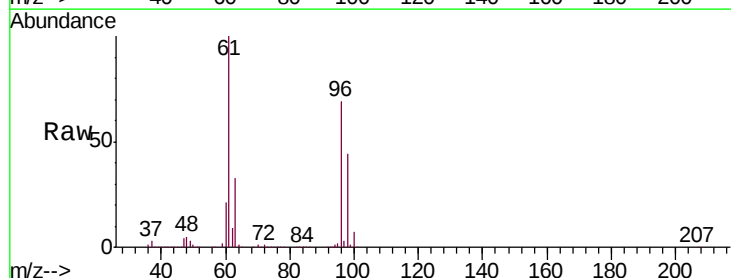
Instrument :
 MSVOA_U
 ClientSampled :
 E3YD6

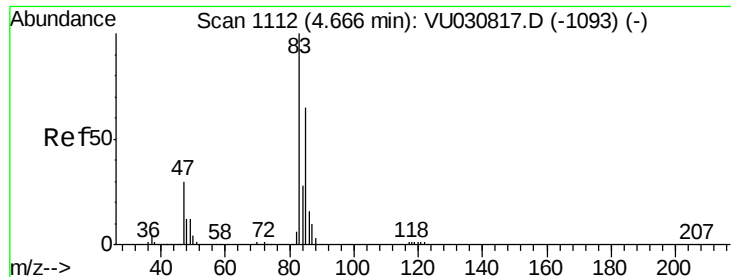
Tgt Ion: 63 Resp: 7101427
 Ion Ratio Lower Upper
 63 100
 65 31.6 21.4 39.8
 83 12.6 8.5 15.7



#20
 cis-1,2-Dichloroethene
 Concen: 1324.569 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU030838.D
 Acq: 07 Apr 2019 06:05

Tgt Ion: 96 Resp: 5087503
 Ion Ratio Lower Upper
 96 100
 61 144.4 102.9 191.1
 68 0.0 0.0 0.0#





#25

Chloroform

Concen: 5.171 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030838.D

Acq: 07 Apr 2019 06:05

Instrument :

MSVOA_U

ClientSampleId :

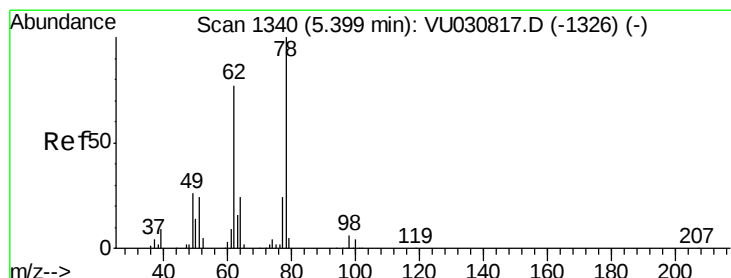
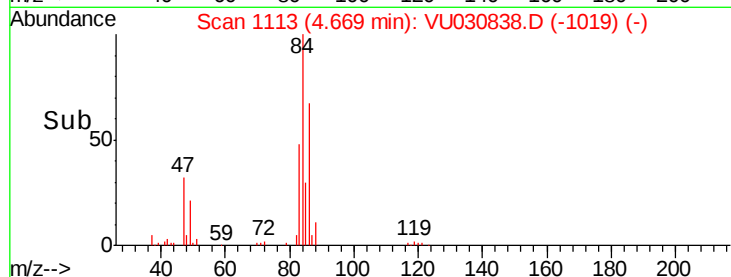
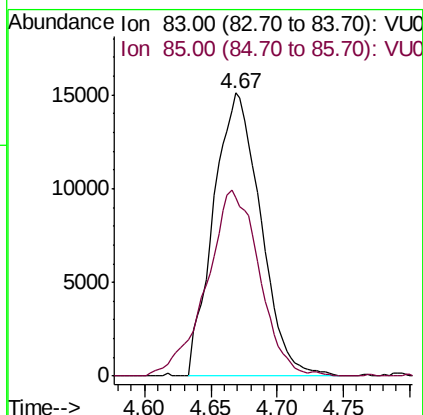
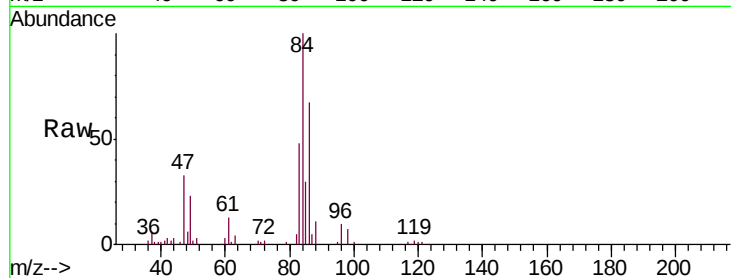
E3YD6

Tgt Ion: 83 Resp: 37307

Ion Ratio Lower Upper

83 100

85 63.1 45.8 85.0



#27

1,2-Dichloroethane

Concen: 4.217 ug/L

RT: 5.41 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VU030838.D

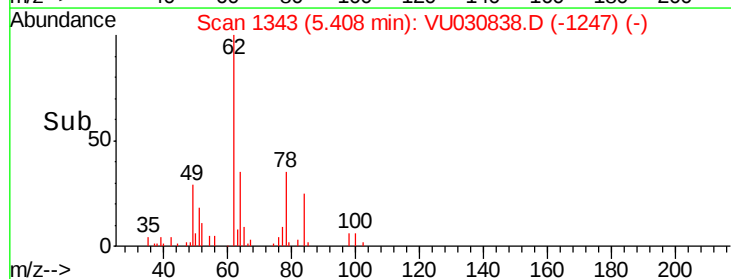
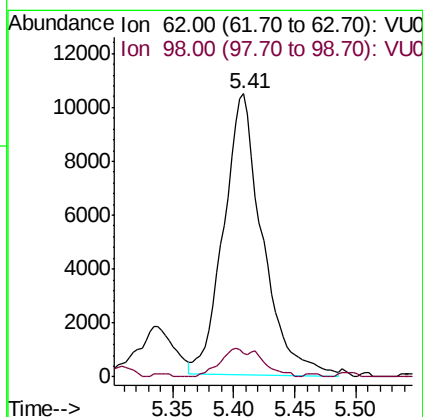
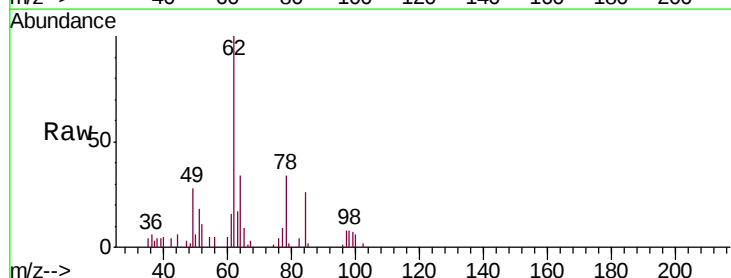
Acq: 07 Apr 2019 06:05

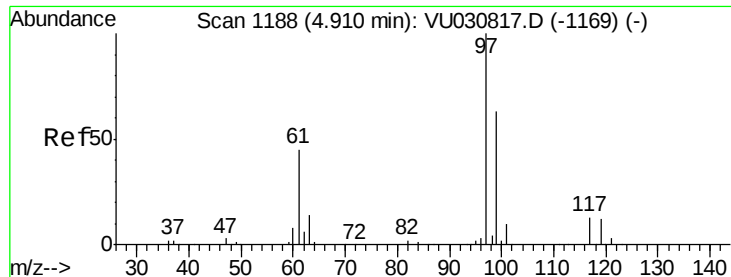
Tgt Ion: 62 Resp: 23221

Ion Ratio Lower Upper

62 100

98 8.3 7.2 10.8

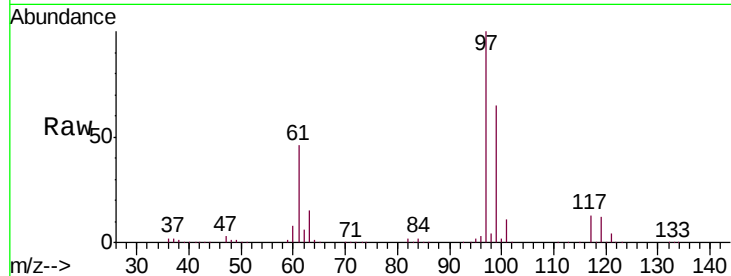




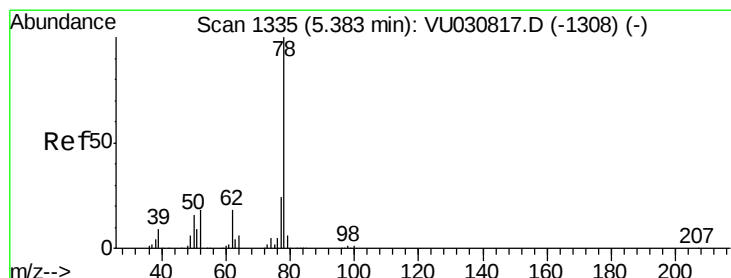
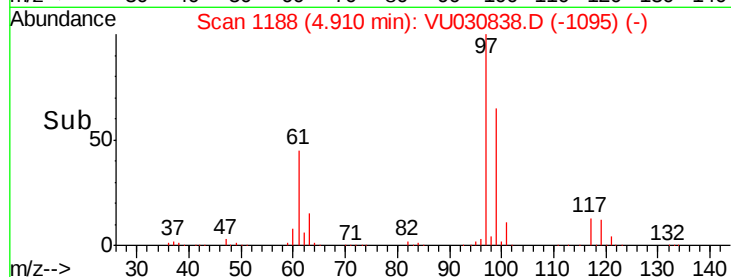
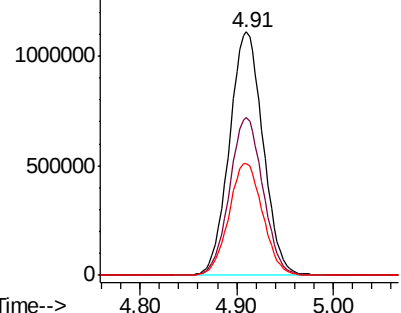
#30
 1,1,1-Trichloroethane
 Concen: 474.637 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: VU030838.D
 Acq: 07 Apr 2019 06:05

Instrument :
 MSVOA_U
 ClientSampled :
 E3YD6

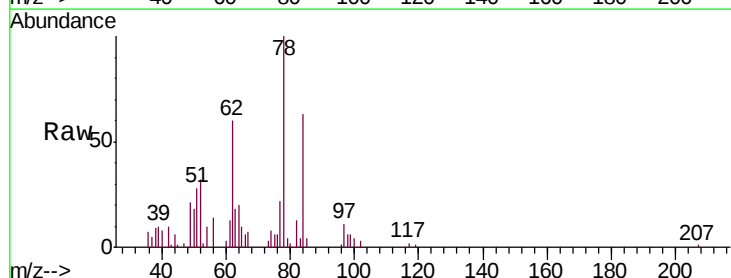
Tgt Ion: 97 Resp: 2678585
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.4 77.2
 61 46.1 37.1 55.7



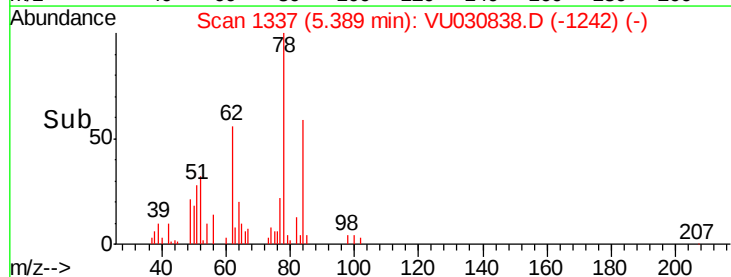
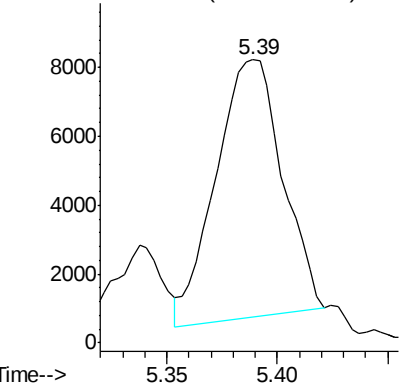
Abundance Ion 97.00 (96.70 to 97.70): VU0
 1500000
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

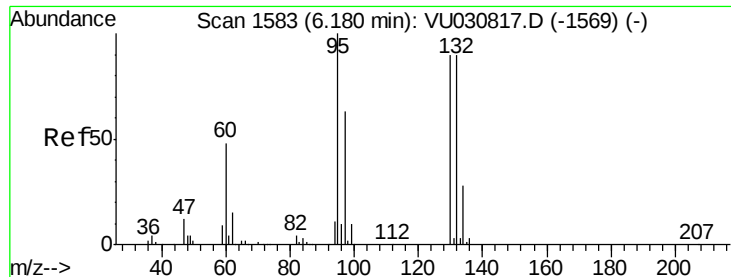


#33
 Benzene
 Concen: 1.040 ug/L
 RT: 5.39 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: VU030838.D
 Acq: 07 Apr 2019 06:05
 Tgt Ion: 78 Resp: 15764



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 6.141 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU030838.D

Acq: 07 Apr 2019 06:05

Instrument :

MSVOA_U

ClientSampleId :

E3YD6

Tgt Ion: 95 Resp: 22824

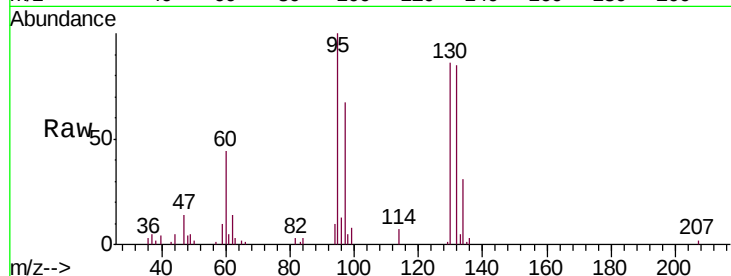
Ion Ratio Lower Upper

95 100

97 66.9 44.5 82.7

132 84.9 61.5 114.1

130 86.1 64.9 120.5

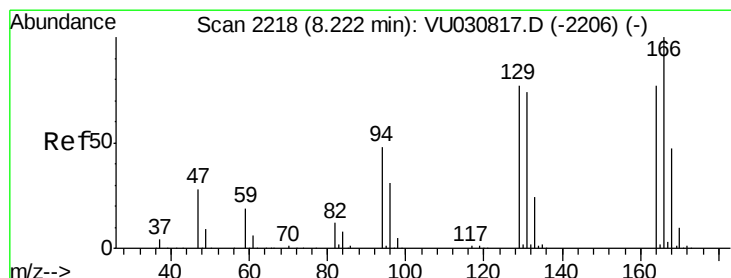
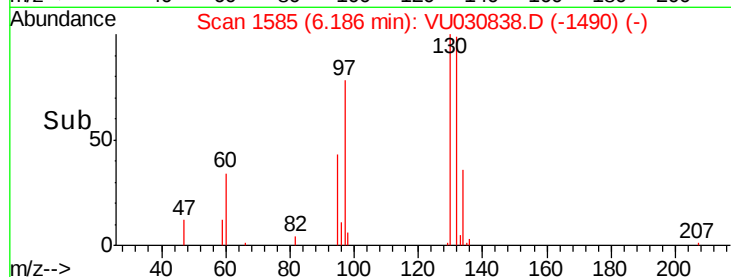
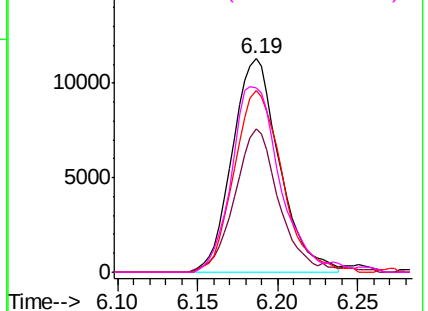


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 9.546 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030838.D

Acq: 07 Apr 2019 06:05

Tgt Ion: 164 Resp: 25795

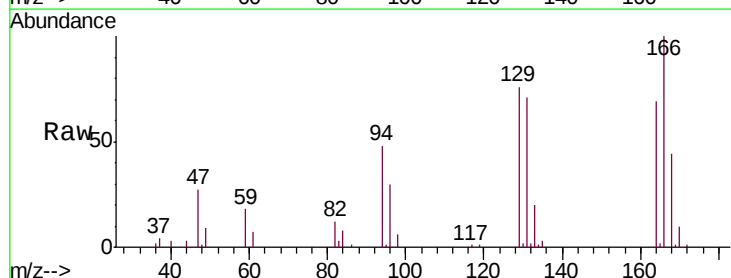
Ion Ratio Lower Upper

164 100

129 111.1 67.4 125.2

131 103.1 65.9 122.5

166 145.4 88.6 164.6

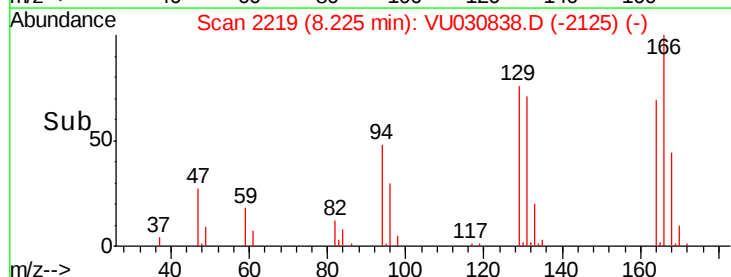
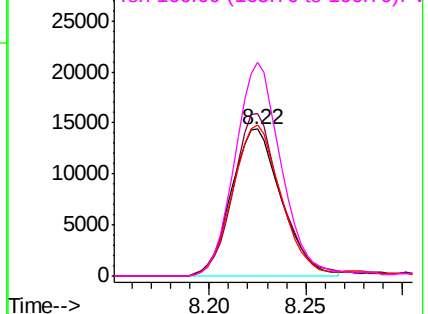


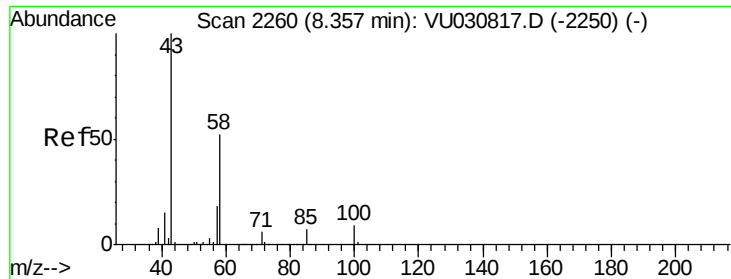
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

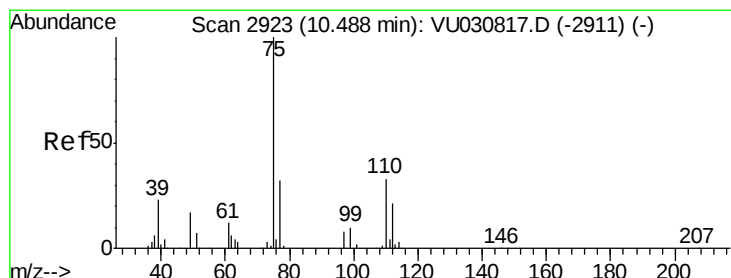
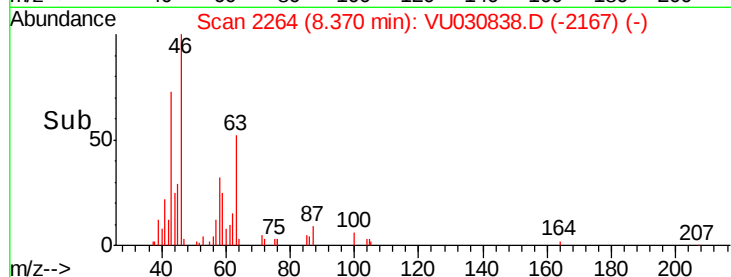
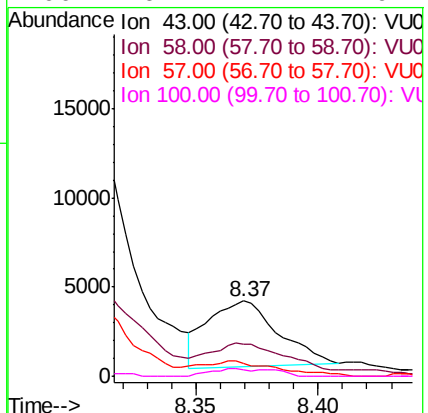
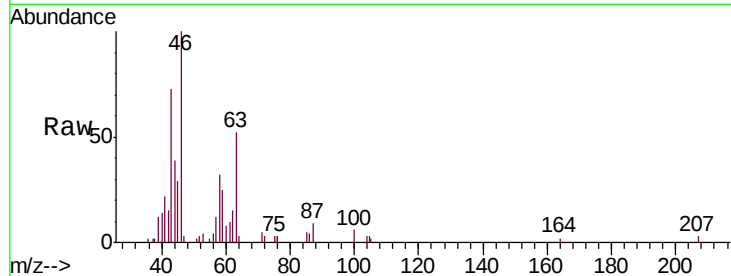




#48
 2-Hexanone
 Concen: 1.387 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU030838.D
 Acq: 07 Apr 2019 06:05

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD6

Tgt Ion: 43 Resp: 7465
 Ion Ratio Lower Upper
 43 100
 58 59.7 41.9 62.9
 57 3.1 14.3 21.5#
 100 6.4 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.672 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030838.D
 Acq: 07 Apr 2019 06:05

Tgt Ion: 75 Resp: 24010
 Ion Ratio Lower Upper
 75 100
 77 42.4 26.1 39.1#

