

Data File : VU029764.D
Acq On : 01 Mar 2019 15:19
Operator : JC/SP
Sample : K1660-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJY4

Quant Time: Mar 01 22:17:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	242092	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	233065	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	118231	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90029	5.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.80%
7) Chloroethane-d5	1.68	69	73360	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.27	63	127243	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.19	46	185476	51.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.78%
24) Chloroform-d	4.65	84	114052	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.31	65	76059	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.34	84	317593	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.33	67	94135	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.56	98	289939	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.85	79	34708	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.31	63	183358	52.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	76971	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	117105	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	1542	0.075	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1371	0.073	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	1447	0.081	ug/L #	1
13) Acetone	2.32	43	6754	2.630	ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	50719	2.834	ug/L	97
25) Chloroform	4.67	83	32585	1.070	ug/L	100
34) Trichloroethene	6.18	95	149131	8.673	ug/L	98
35) Methylcyclohexane	6.33	83	22565	0.809	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	9531	0.614	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2192	0.097	ug/L #	56
42) Toluene	7.64	91	17888	0.256	ug/L	96
47) Tetrachloroethene	8.22	164	8809	0.552	ug/L	89
48) 2-Hexanone	8.31	43	18554	2.909	ug/L #	64
49) Dibromochloromethane	8.22	129	8491	0.577	ug/L #	12
51) Chlorobenzene	9.12	112	9221	0.192	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	11686	1.128	ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030119\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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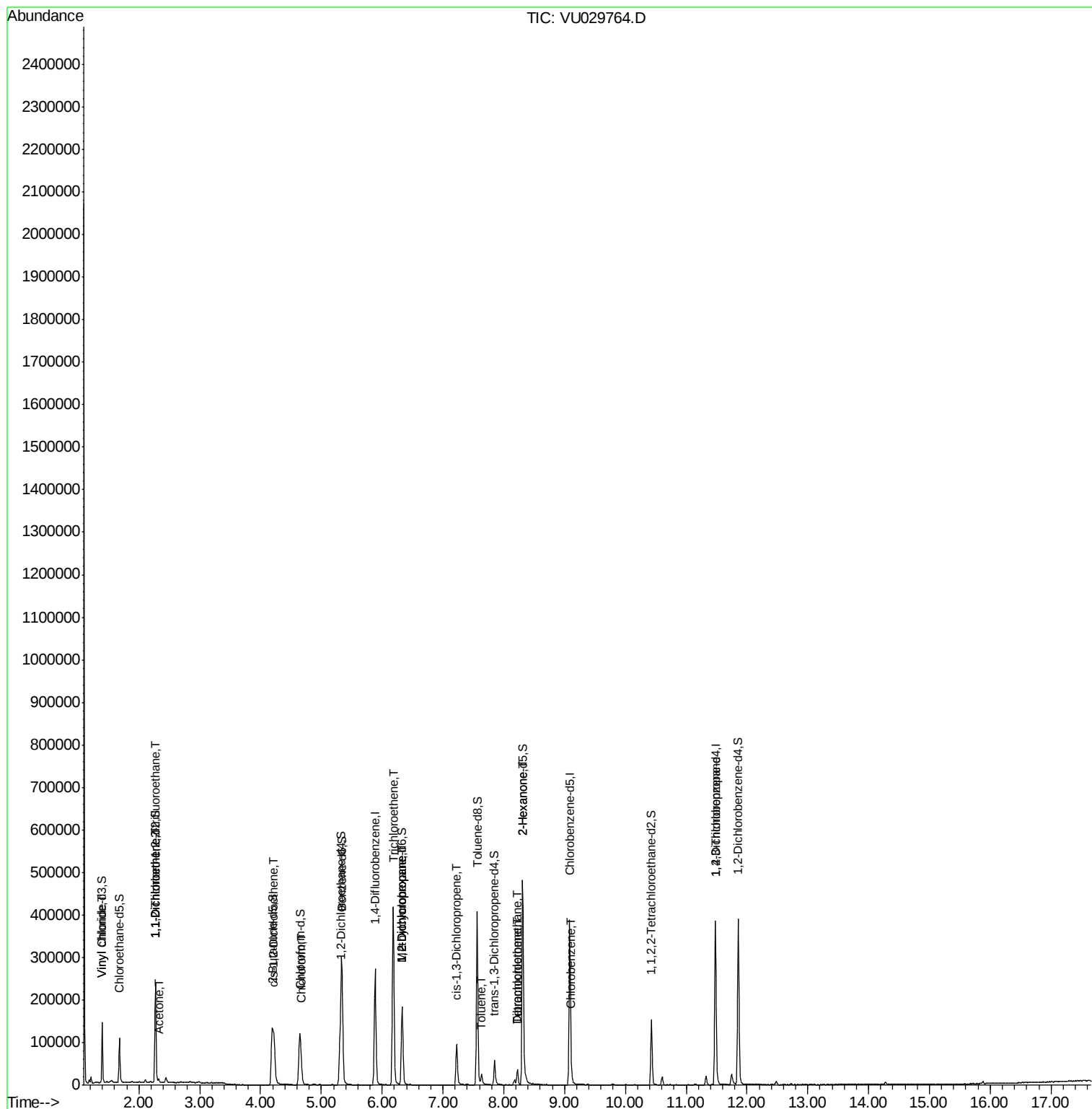
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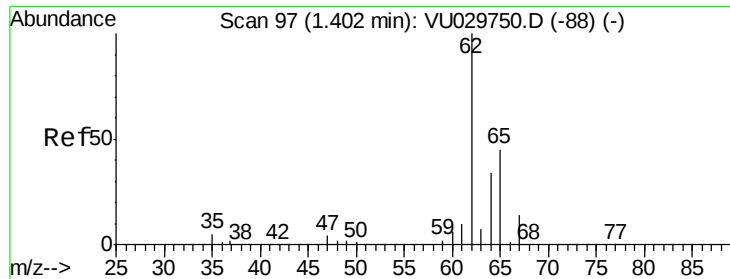
Data File : VU029764.D

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Acq On       : 01 Mar 2019   15:19
Operator    : JC/SP
Sample      : K1660-04
Misc       : 25.0mL/MSVOA_U/WATER
ALS Vial    : 16      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Mar 01 22:17:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.075 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029764.D

Acq: 01 Mar 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

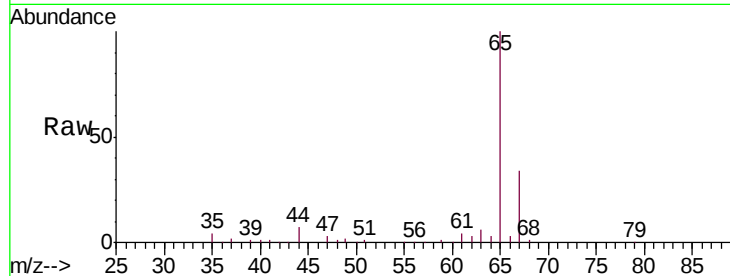
CWJY4

Tgt Ion: 62 Resp: 1542

Ion Ratio Lower Upper

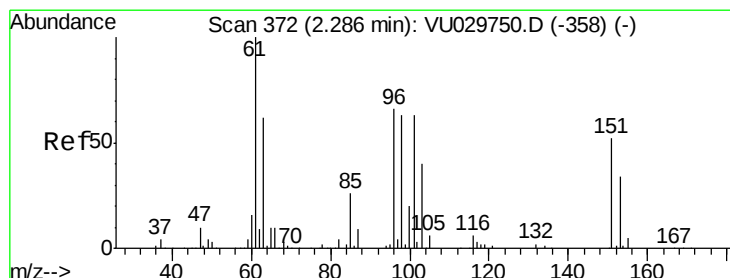
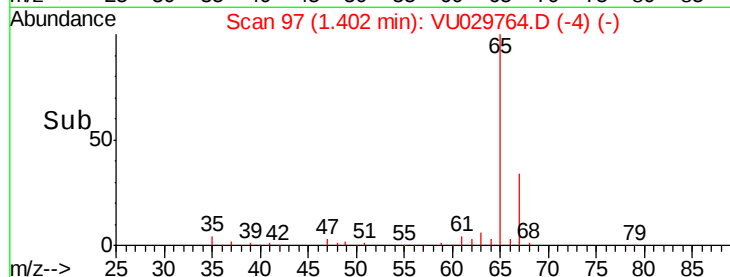
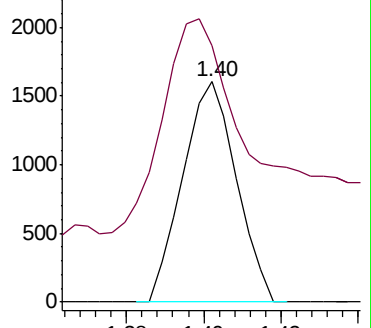
62 100

64 116.2 24.8 46.1#



Abundance Ion 62.00 (61.70 to 62.70): VU029750.D (-88) (-)

Ion 64.10 (63.80 to 64.80): VU029750.D (-88) (-)



#10

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

Concen: 0.073 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029764.D

Acq: 01 Mar 2019 15:19

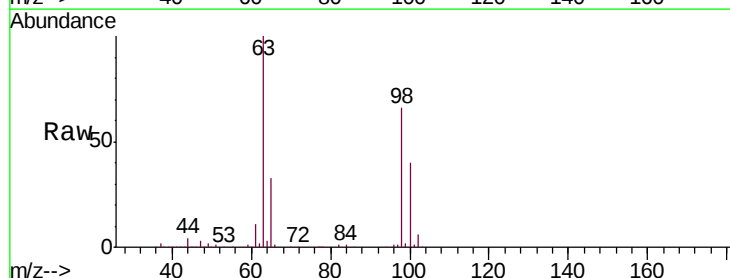
Tgt Ion: 101 Resp: 1371

Ion Ratio Lower Upper

101 100

85 1.4 32.8 49.2#

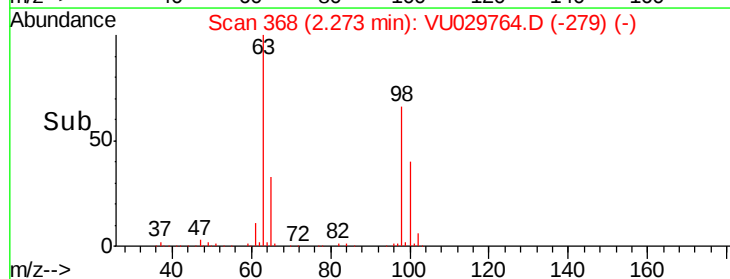
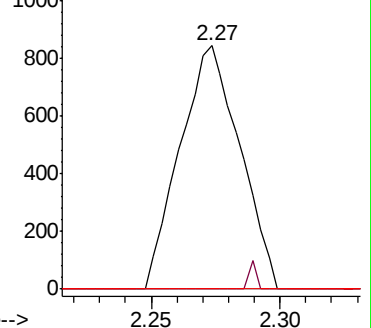
151 0.0 65.9 98.9#

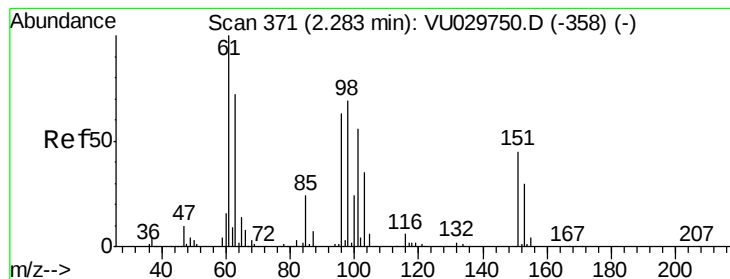


Abundance Ion 101.00 (100.70 to 101.70): VU029750.D (-358) (-)

Ion 85.00 (84.70 to 85.70): VU029750.D (-358) (-)

Ion 151.00 (150.70 to 151.70): VU029750.D (-358) (-)





#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029764.D

Acq: 01 Mar 2019 15:19

Instrument :

MSVOA_U

ClientSampled :

CWJY4

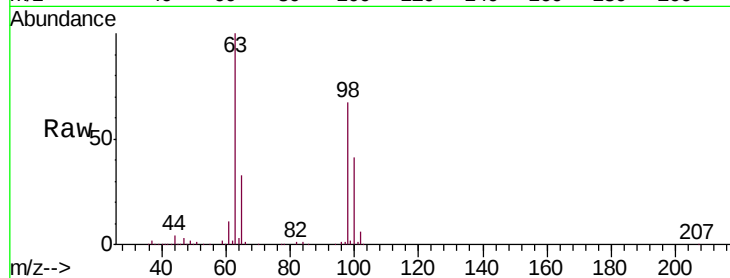
Tgt Ion: 96 Resp: 1447

Ion Ratio Lower Upper

96 100

61 896.3 111.3 206.7#

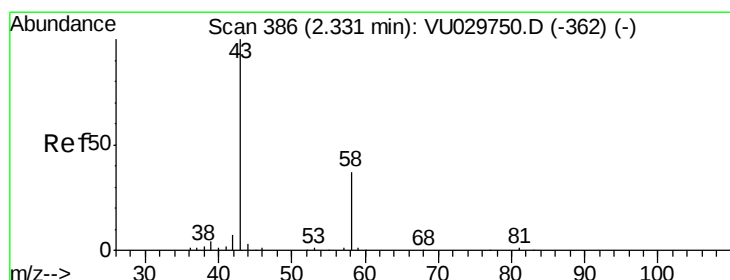
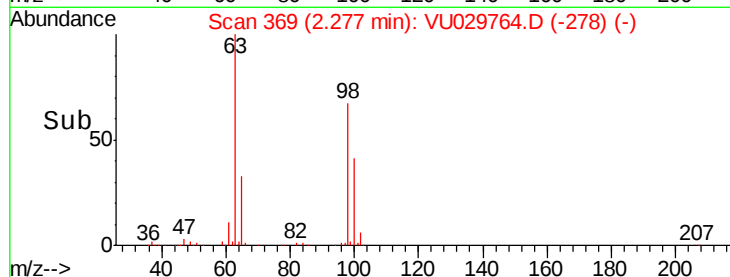
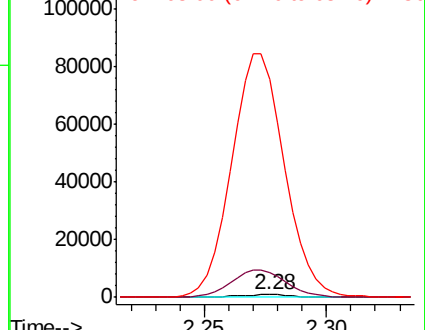
63 7901.2 88.5 164.3#



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



#13

Acetone

Concen: 2.630 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU029764.D

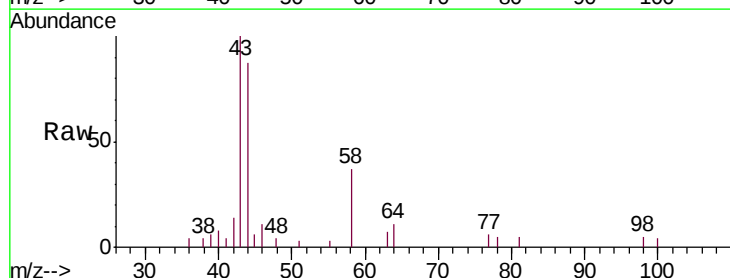
Acq: 01 Mar 2019 15:19

Tgt Ion: 43 Resp: 6754

Ion Ratio Lower Upper

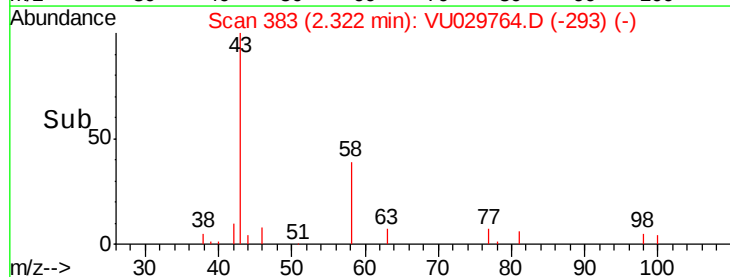
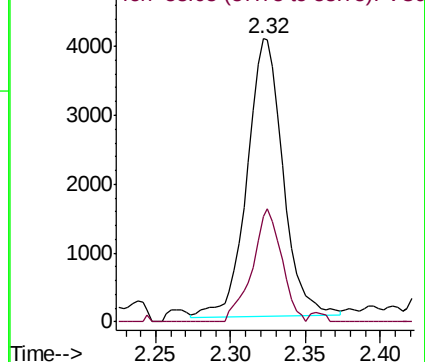
43 100

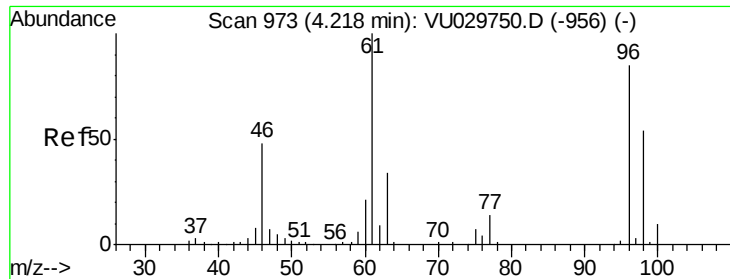
58 33.3 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



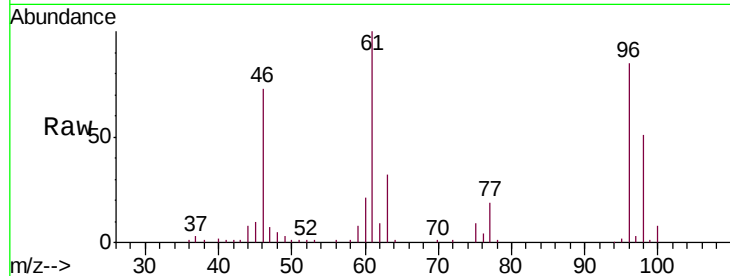


#22

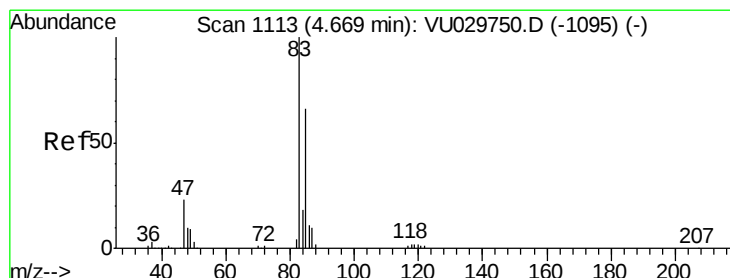
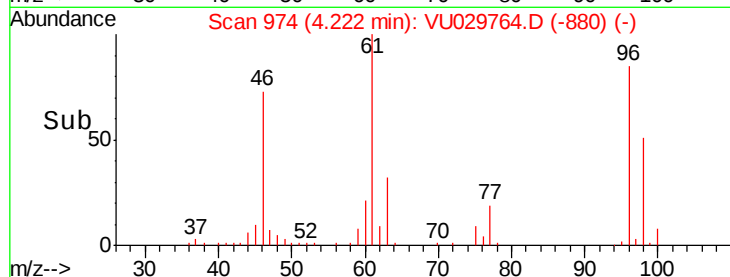
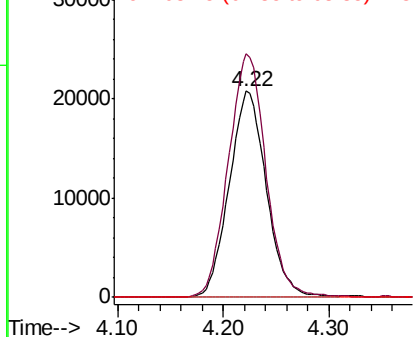
cis-1,2-Dichloroethene
 Concen: 2.834 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029764.D
 Acq: 01 Mar 2019 15:19

Instrument :
 MSVOA_U
 ClientSampleId :
 CWJY4

Tgt Ion: 96 Resp: 50719
 Ion Ratio Lower Upper
 96 100
 61 118.2 80.2 149.0
 68 0.0 0.0 0.0



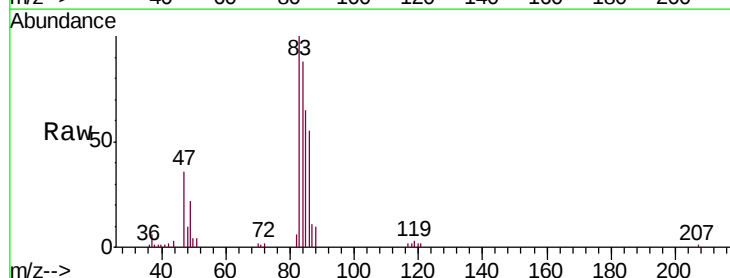
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



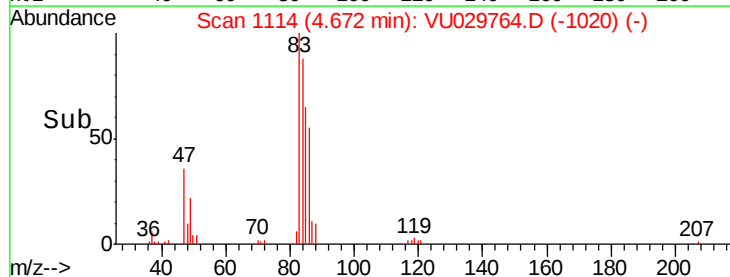
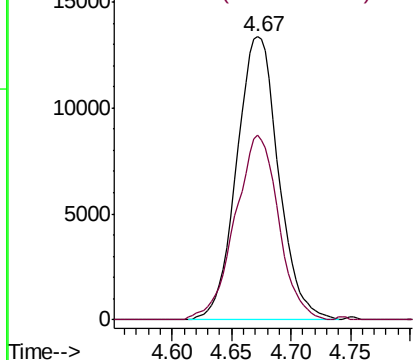
#25

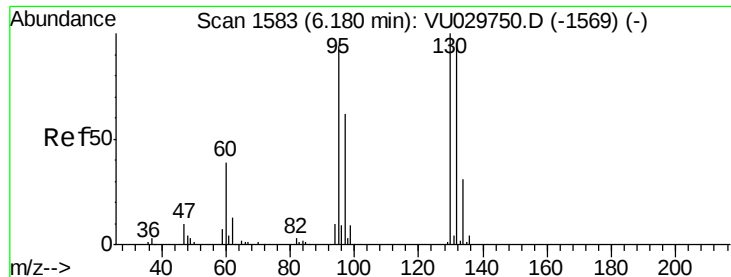
Chloroform
 Concen: 1.070 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VU029764.D
 Acq: 01 Mar 2019 15:19

Tgt Ion: 83 Resp: 32585
 Ion Ratio Lower Upper
 83 100
 85 65.1 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

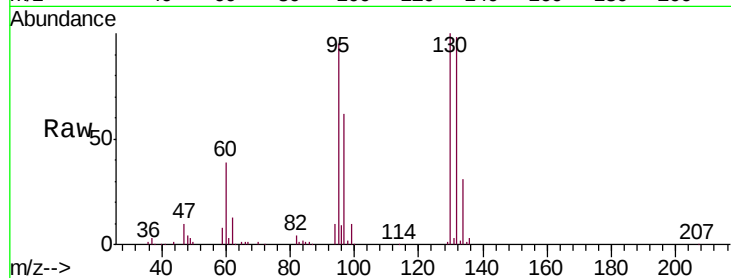




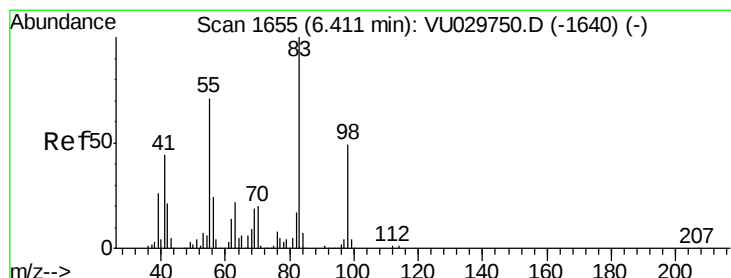
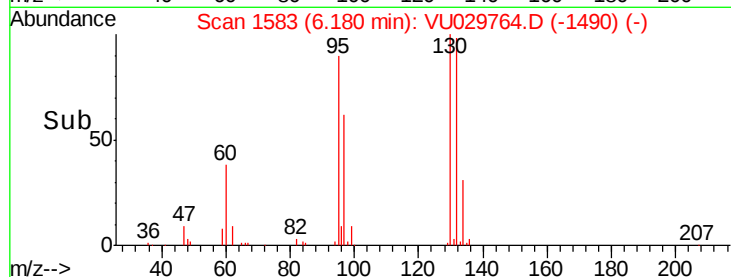
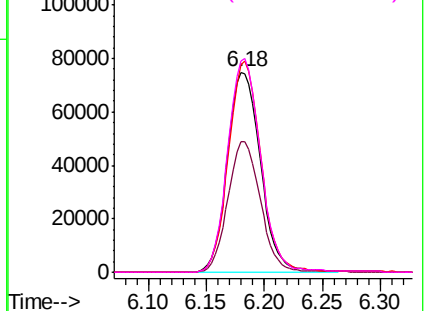
#34
 Trichloroethene
 Concen: 8.673 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU029764.D
 Acq: 01 Mar 2019 15:19

Instrument :
 MSVOA_U
 ClientSampleId :
 CWJY4

Tgt Ion: 95 Resp: 149131
 Ion Ratio Lower Upper
 95 100
 97 65.5 45.6 84.8
 132 103.6 72.9 135.3
 130 105.7 77.5 143.9

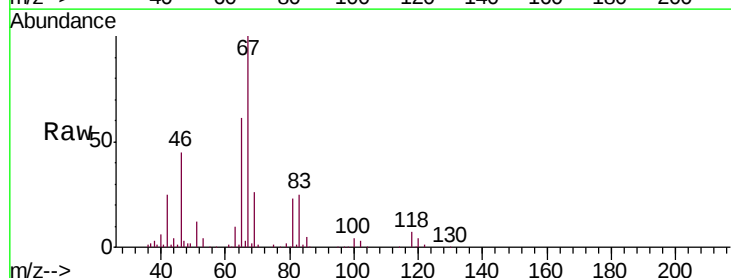


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

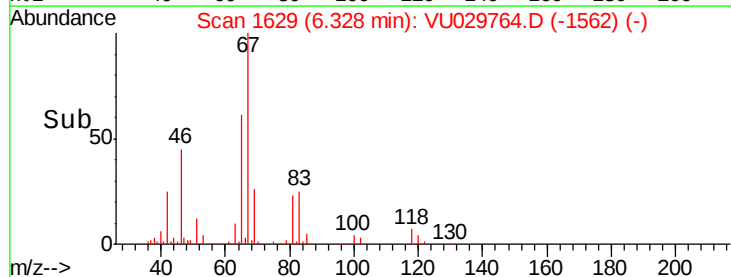
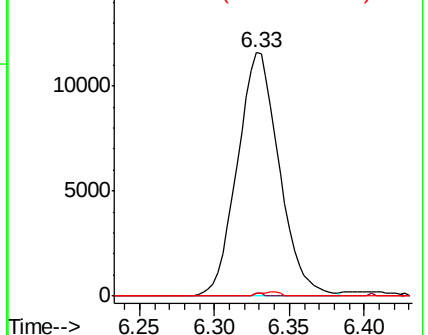


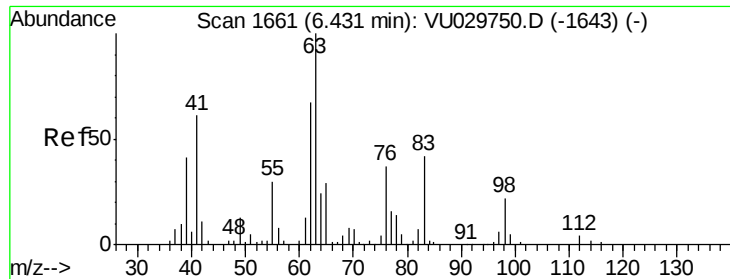
#35
 Methylcyclohexane
 Concen: 0.809 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU029764.D
 Acq: 01 Mar 2019 15:19

Tgt Ion: 83 Resp: 22565
 Ion Ratio Lower Upper
 83 100
 55 0.2 56.5 84.7#
 98 0.9 39.4 59.2#



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: 0.614 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029764.D

Acq: 01 Mar 2019 15:19

Instrument :

MSVOA_U

ClientSampled :

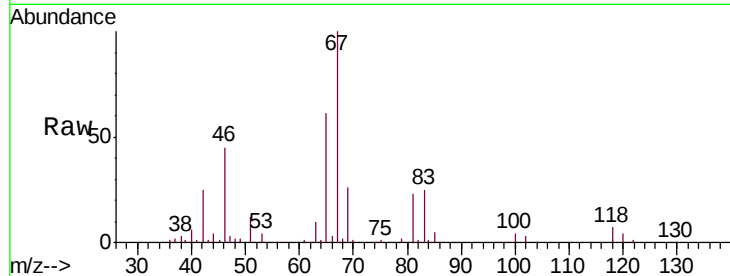
CWJY4

Tgt Ion: 63 Resp: 9531

Ion Ratio Lower Upper

63 100

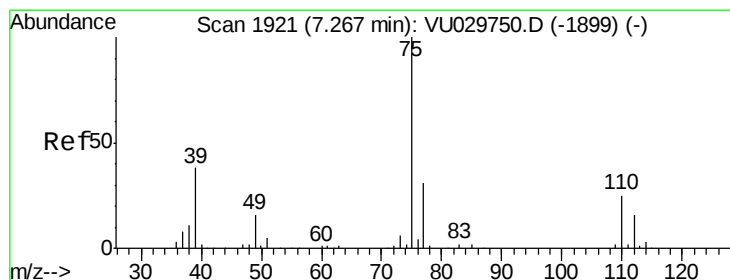
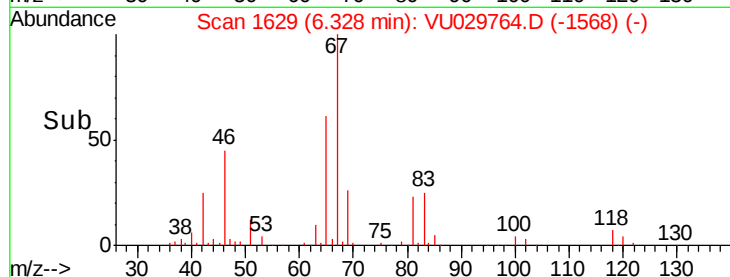
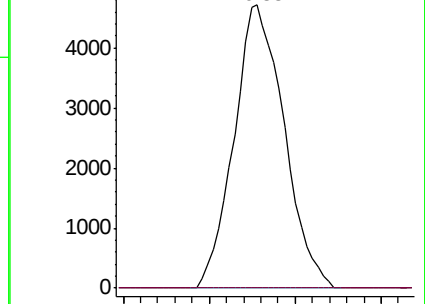
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU029750.D (-1643) (-)

Ion 112.10 (111.80 to 112.80): VU029750.D (-1643) (-)

6.33



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029764.D

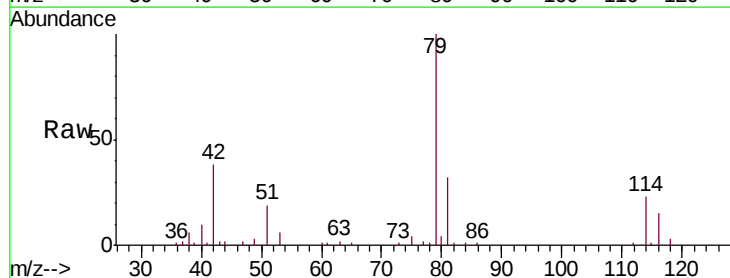
Acq: 01 Mar 2019 15:19

Tgt Ion: 75 Resp: 2192

Ion Ratio Lower Upper

75 100

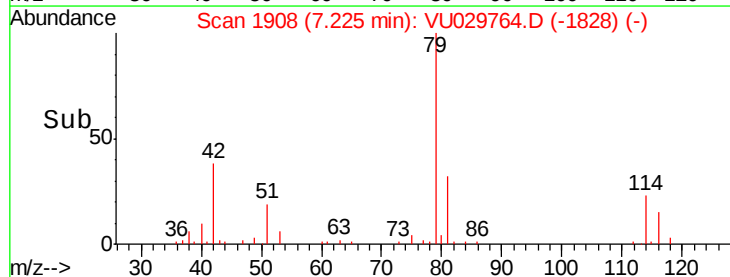
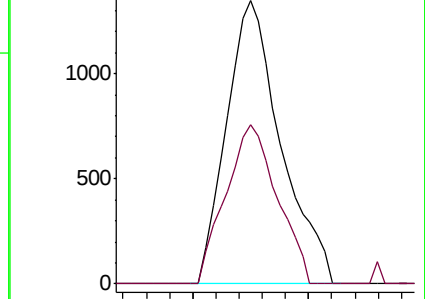
77 56.4 22.3 41.5#

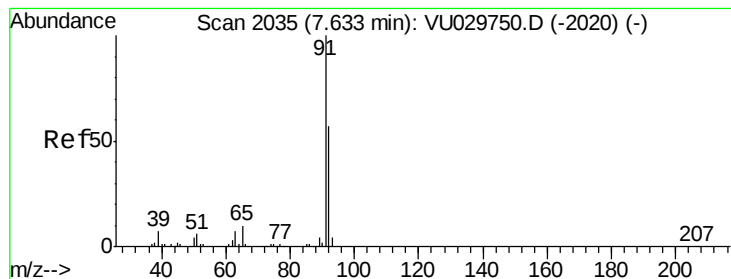


Abundance Ion 75.05 (74.75 to 75.75): VU029750.D (-1899) (-)

Ion 77.05 (76.75 to 77.75): VU029750.D (-1899) (-)

7.22





#42

Toluene

Concen: 0.256 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029764.D

Acq: 01 Mar 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

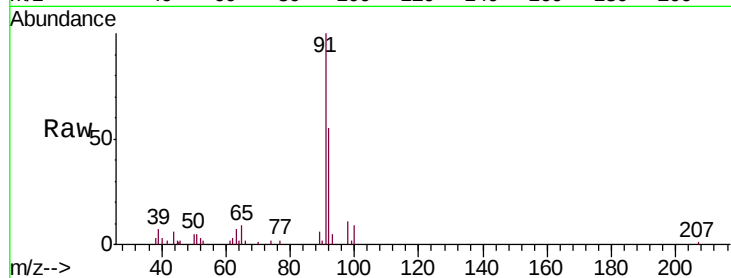
CWJY4

Tgt Ion: 91 Resp: 17888

Ion Ratio Lower Upper

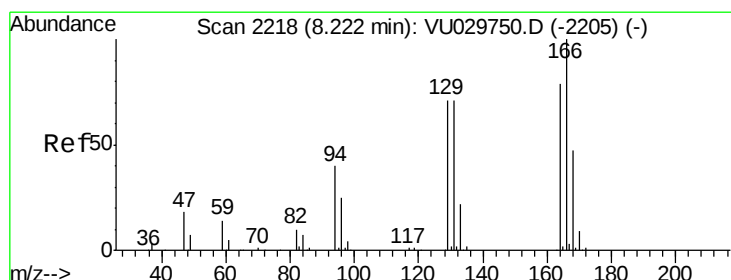
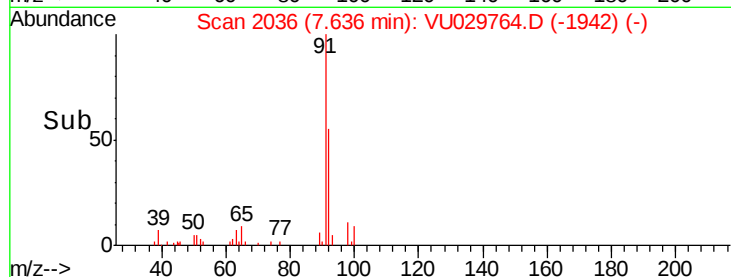
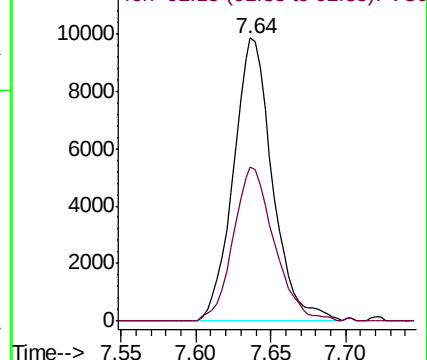
91 100

92 54.6 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#47

Tetrachloroethene

Concen: 0.552 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029764.D

Acq: 01 Mar 2019 15:19

Tgt Ion: 164 Resp: 8809

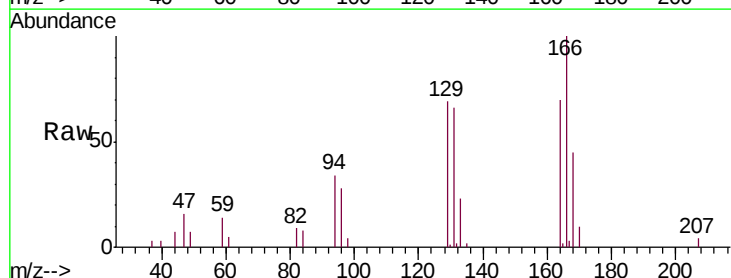
Ion Ratio Lower Upper

164 100

129 99.2 62.9 116.7

131 95.6 61.8 114.8

166 143.8 88.8 164.8

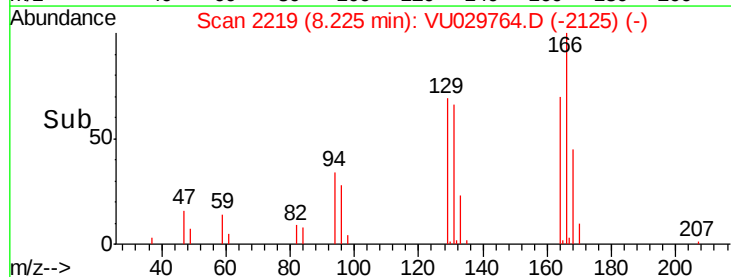
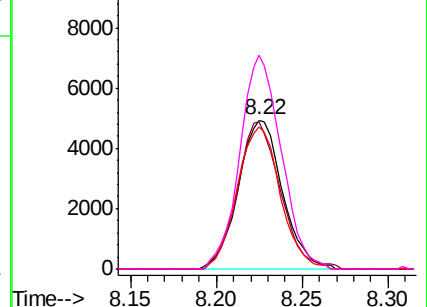


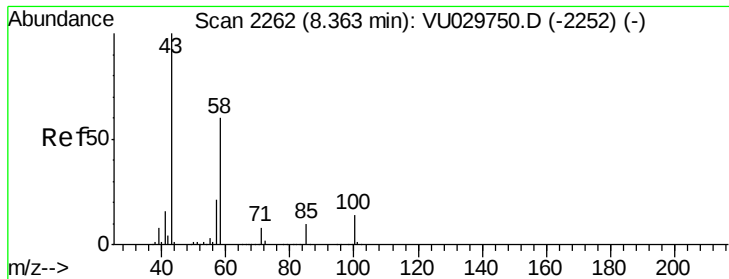
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

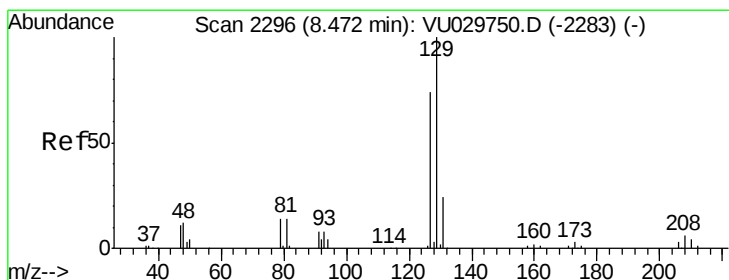
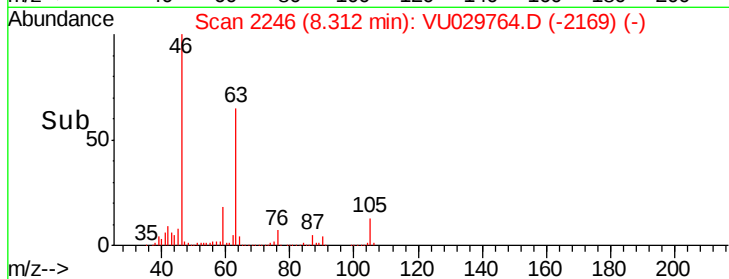
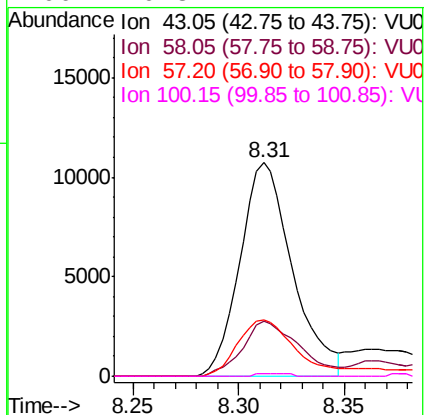
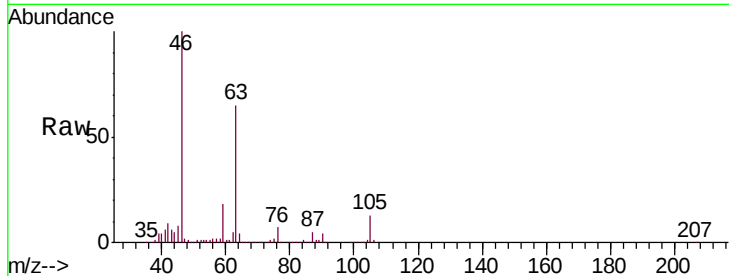




#48
 2-Hexanone
 Concen: 2.909 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU029764.D
 Acq: 01 Mar 2019 15:19

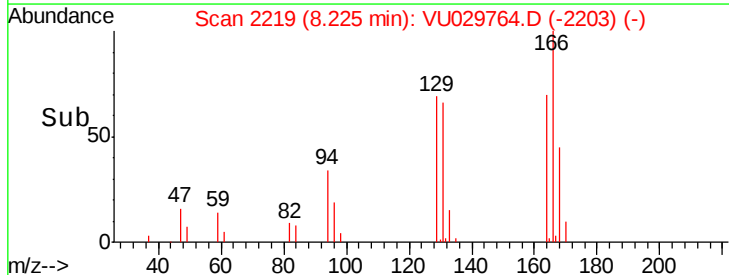
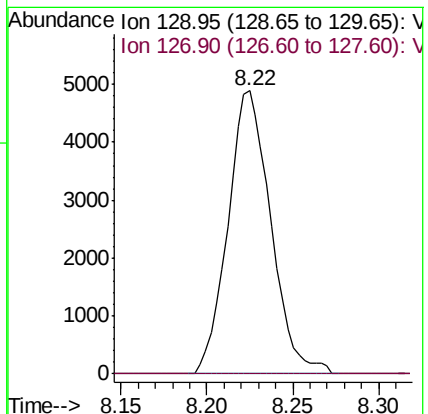
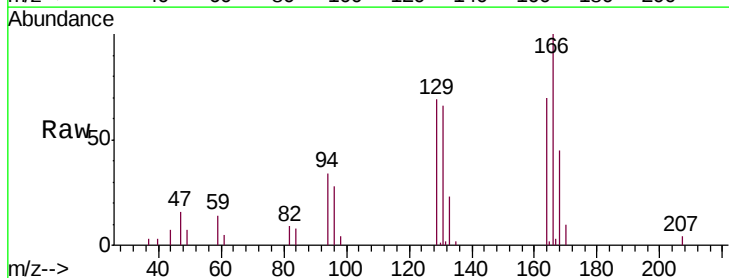
Instrument :
 MSVOA_U
 ClientSampleId :
 CWJY4

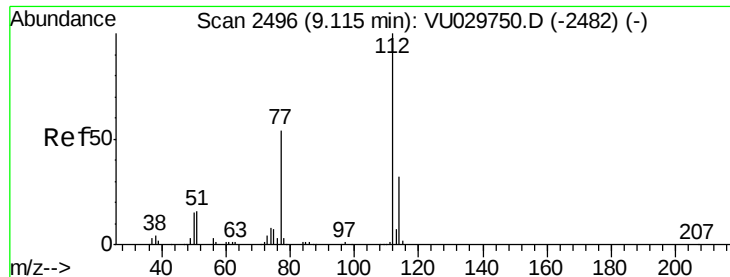
Tgt Ion: 43 Resp: 18554
 Ion Ratio Lower Upper
 43 100
 58 27.8 46.6 69.8#
 57 29.9 15.9 23.9#
 100 0.8 11.4 17.2#



#49
 Dibromochloromethane
 Concen: 0.577 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.25 min
 Lab File: VU029764.D
 Acq: 01 Mar 2019 15:19

Tgt Ion: 129 Resp: 8491
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.5 97.5#

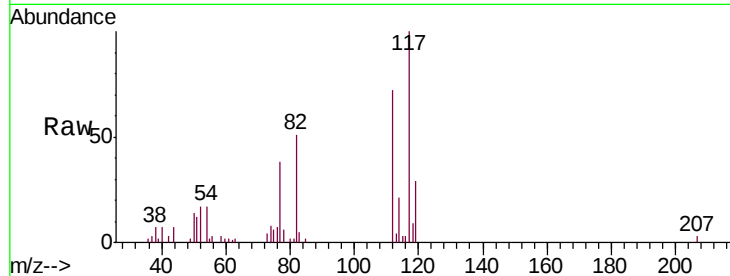




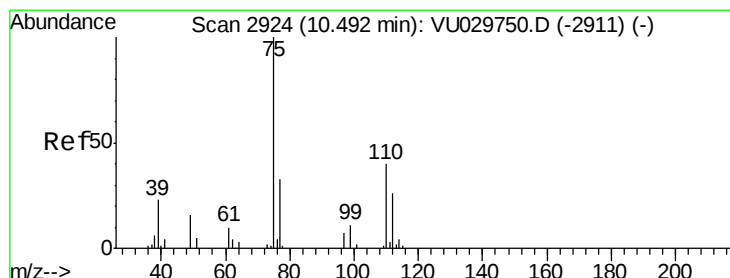
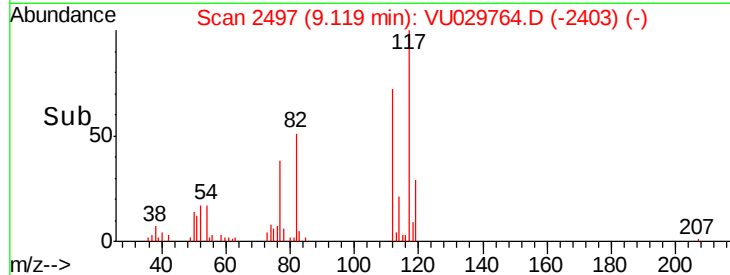
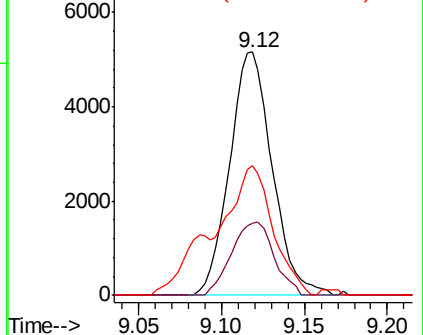
#51
Chlorobenzene
Concen: 0.192 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029764.D
Acq: 01 Mar 2019 15:19

Instrument :
MSVOA_U
ClientSampleId :
CWJY4

Tgt Ion: 112 Resp: 9221
Ion Ratio Lower Upper
112 100
114 29.6 22.3 41.3
77 53.3 42.7 64.1

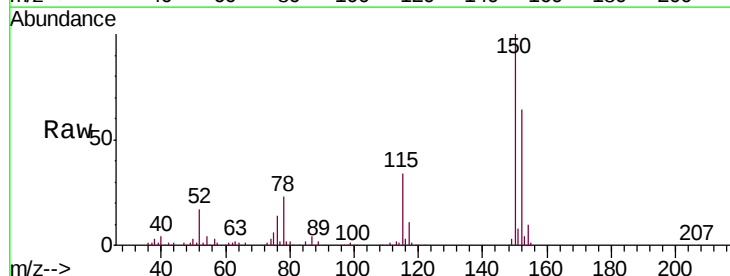


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#59
1,2,3-Trichloropropane
Concen: 1.128 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029764.D
Acq: 01 Mar 2019 15:19

Tgt Ion: 75 Resp: 11686
Ion Ratio Lower Upper
75 100
77 36.7 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

