

Data File : VU029765.D
Acq On : 01 Mar 2019 15:43
Operator : JC/SP
Sample : K1660-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJY5

Quant Time: Mar 01 22:17:26 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	236699	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	230610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114238	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91063	5.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.80%
7) Chloroethane-d5	1.68	69	69933	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.27	63	122493	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.19	46	173120	49.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.06%
24) Chloroform-d	4.65	84	126369	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.31	65	71857	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.34	84	302120	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.33	67	91198	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.56	98	275550	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.85	79	31546	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.31	63	169857	49.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	73635	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	110428	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	761	0.038	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1065	0.058	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1198	0.068	ug/L #	1
13) Acetone	2.32	43	6361	2.533	ug/L	95
15) Methyl Acetate	2.45	43	8662	1.182	ug/L #	48
19) 1,1-Dichloroethane	3.44	63	4610	0.155	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	29715	1.698	ug/L	98
25) Chloroform	4.68	83	16901	0.567	ug/L	93
34) Trichloroethene	6.18	95	10680	0.628	ug/L	95
35) Methylcyclohexane	6.33	83	21539	0.781	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	8886	0.579	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2257	0.100	ug/L #	79
42) Toluene	7.64	91	32133	0.465	ug/L	97
47) Tetrachloroethene	8.22	164	6237	0.395	ug/L	92
48) 2-Hexanone	8.36	43	2051	0.325	ug/L #	61
49) Dibromochloromethane	8.22	129	5770	0.396	ug/L #	12
51) Chlorobenzene	9.12	112	5948	0.125	ug/L	97

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

Data File : VU029765.D
Acq On : 01 Mar 2019 15:43
Operator : JC/SP
Sample : K1660-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJY5

Quant Time: Mar 01 22:17:26 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

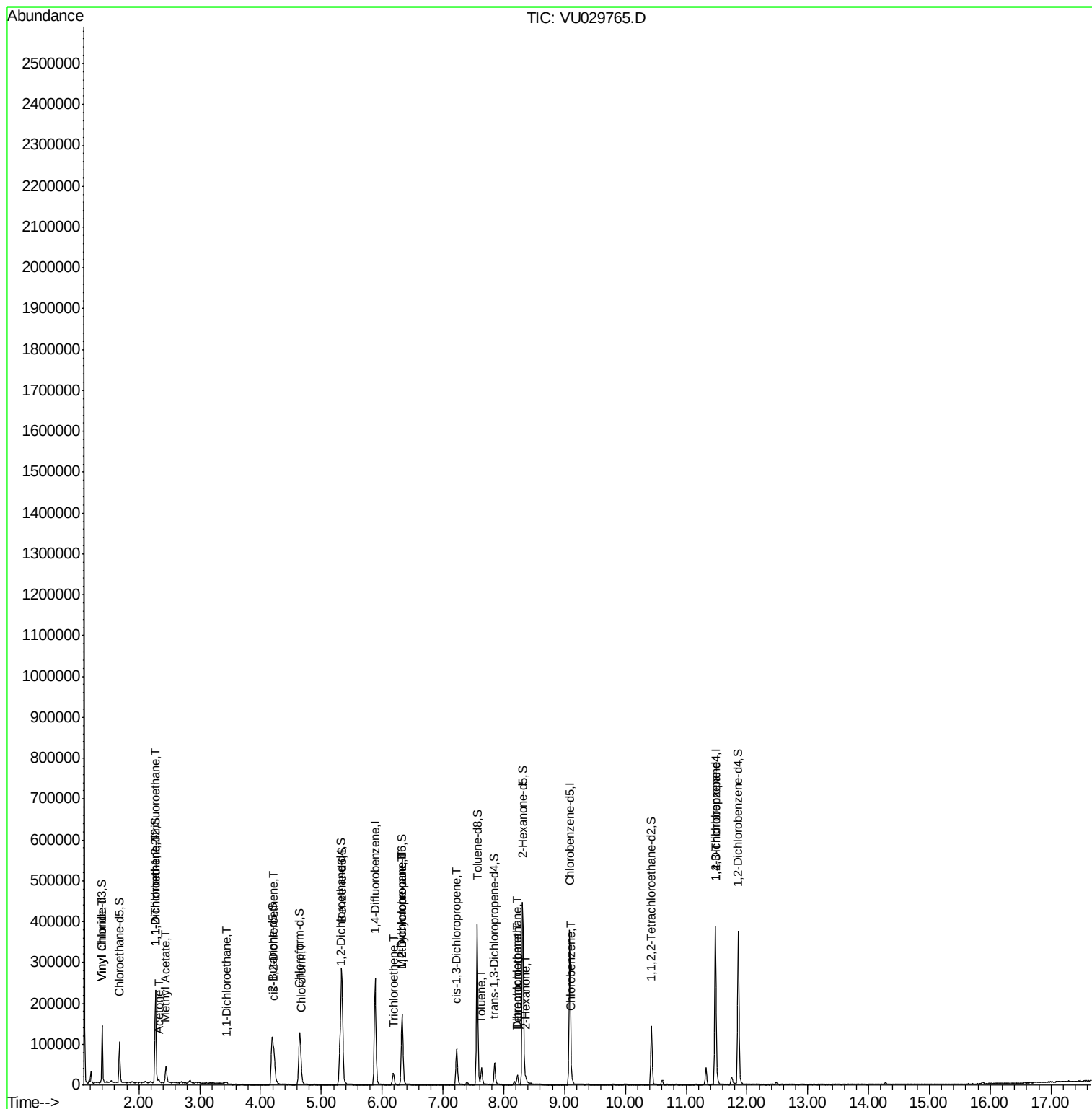
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	11.48	75	12173	1.187	ug/L	93

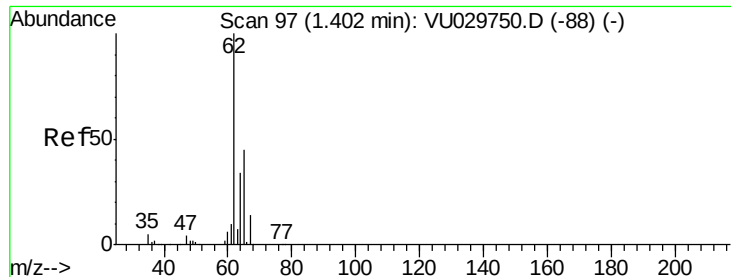
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029765.D
Acq On : 01 Mar 2019 15:43
Operator : JC/SP
Sample : K1660-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJY5

Quant Time: Mar 01 22:17:26 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: 0.038 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029765.D

Acq: 01 Mar 2019 15:43

Instrument :

MSVOA_U

ClientSampleId :

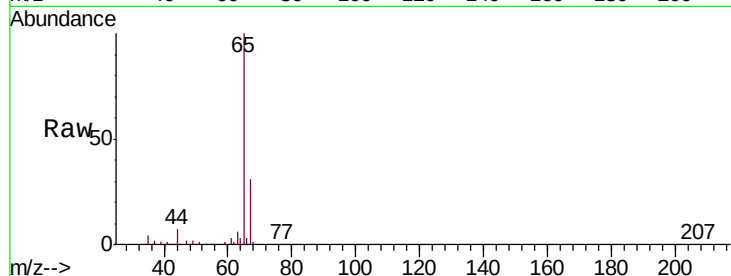
CWJY5

Tgt Ion: 62 Resp: 761

Ion Ratio Lower Upper

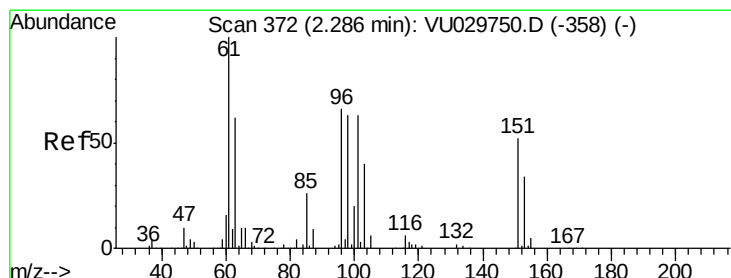
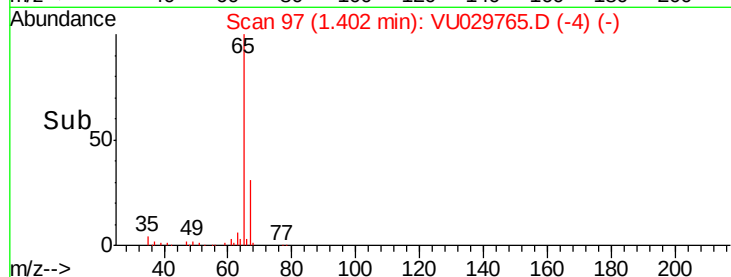
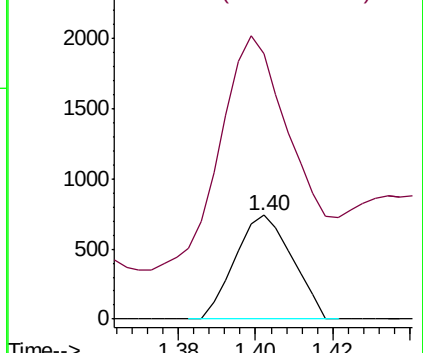
62 100

64 255.7 24.8 46.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#10

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

Concen: 0.058 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029765.D

Acq: 01 Mar 2019 15:43

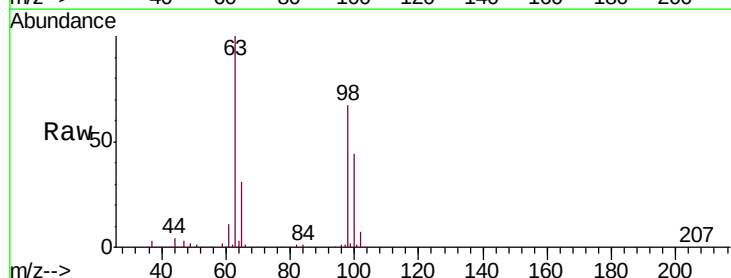
Tgt Ion: 101 Resp: 1065

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

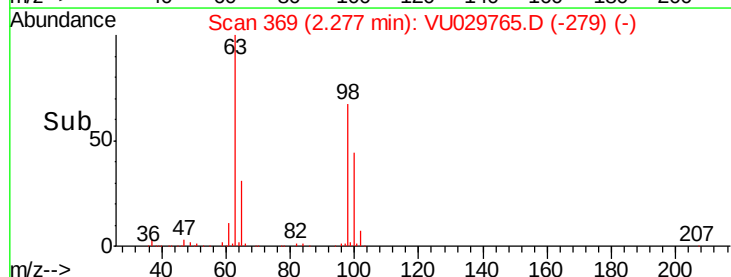
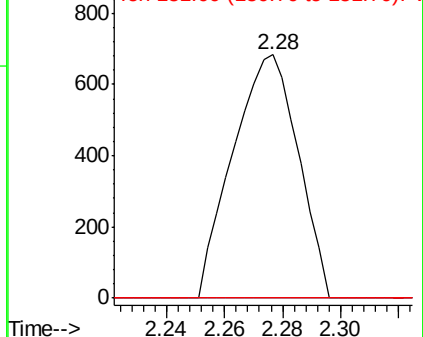
151 0.0 65.9 98.9#

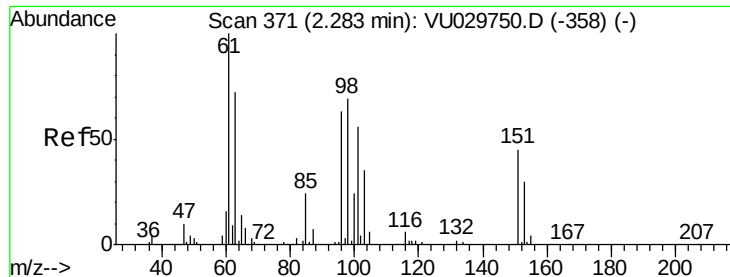


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

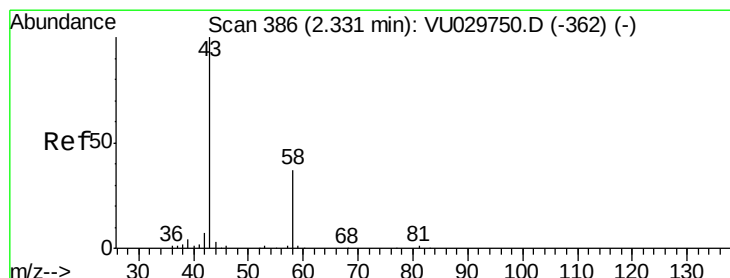
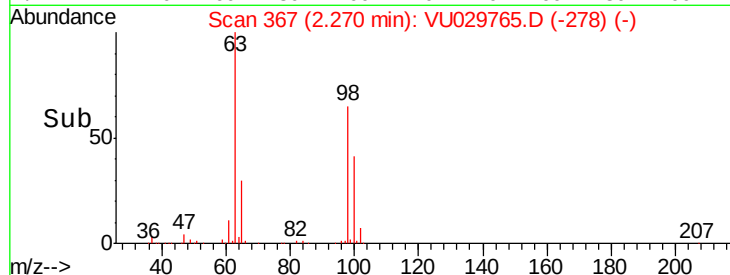
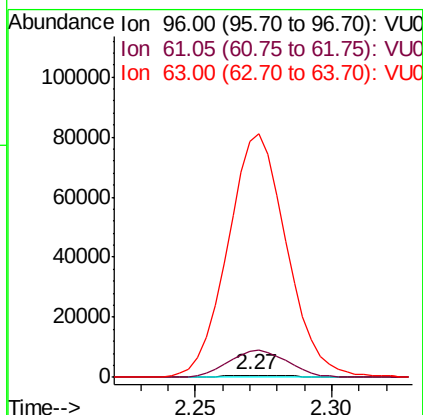
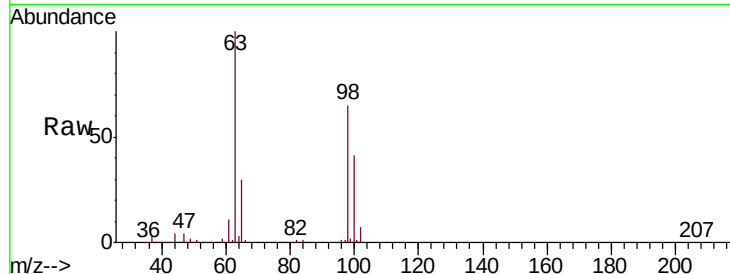




#12
 1,1-Dichloroethene
 Concen: 0.068 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU029765.D
 Acq: 01 Mar 2019 15:43

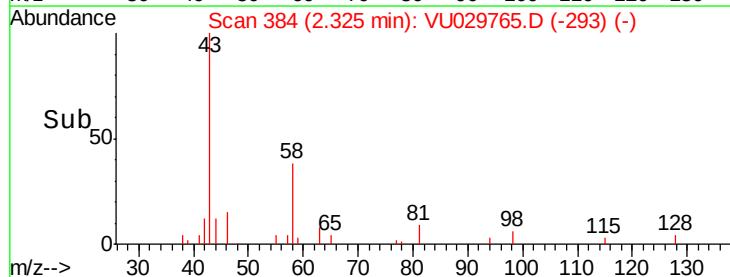
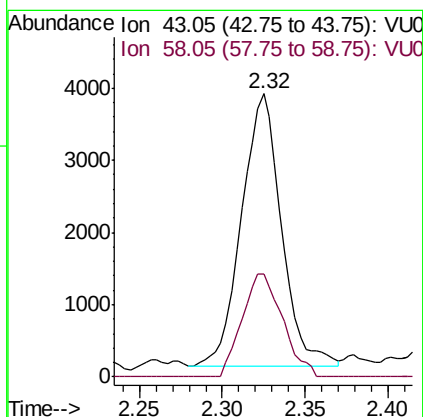
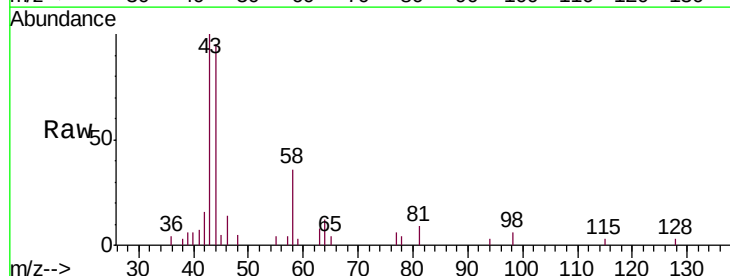
Instrument :
 MSVOA_U
 ClientSampled :
 CWJY5

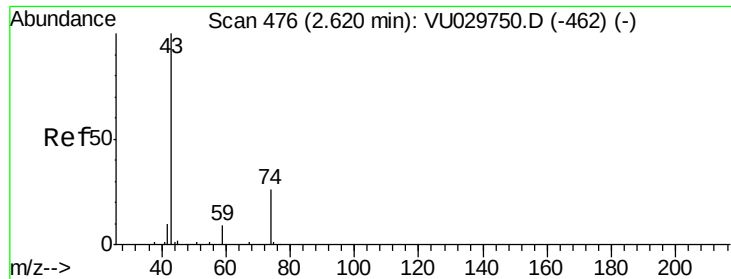
Tgt Ion: 96 Resp: 1198
 Ion Ratio Lower Upper
 96 100
 61 1145.3 111.3 206.7#
 63 10457.4 88.5 164.3#



#13
 Acetone
 Concen: 2.533 ug/L
 RT: 2.32 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: VU029765.D
 Acq: 01 Mar 2019 15:43

Tgt Ion: 43 Resp: 6361
 Ion Ratio Lower Upper
 43 100
 58 38.1 0.0 70.2

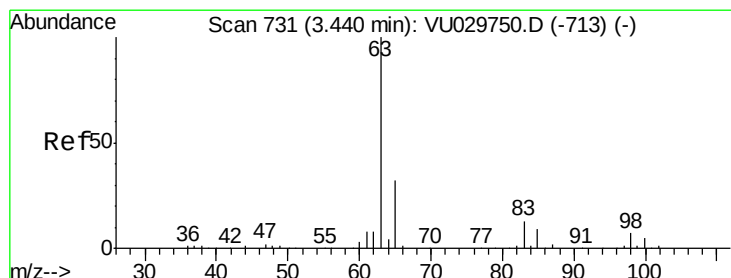
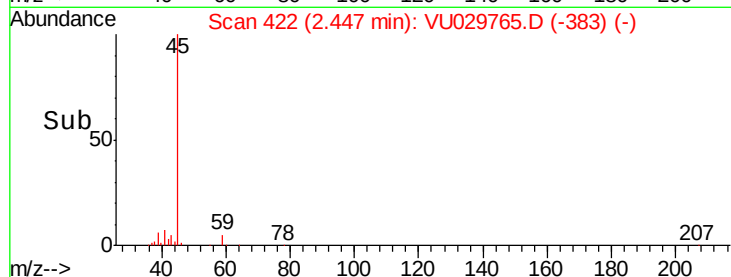
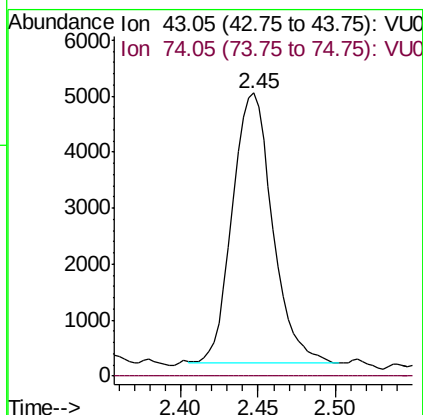
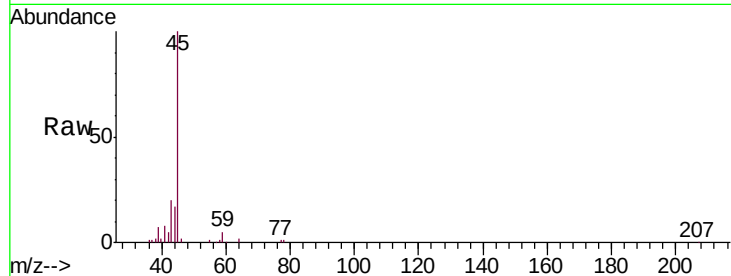




#15
Methyl Acetate
Concen: 1.182 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.17 min
Lab File: VU029765.D
Acq: 01 Mar 2019 15:43

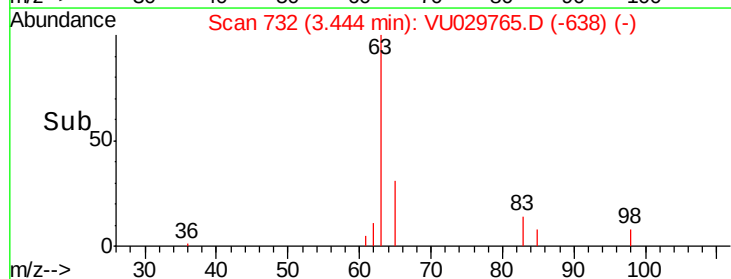
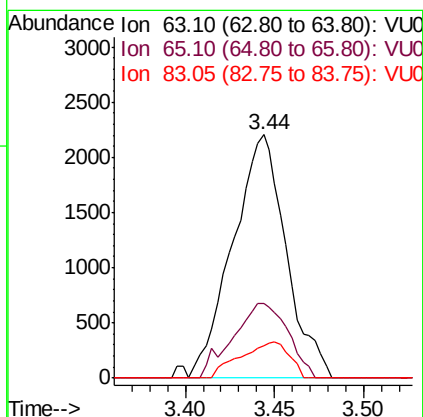
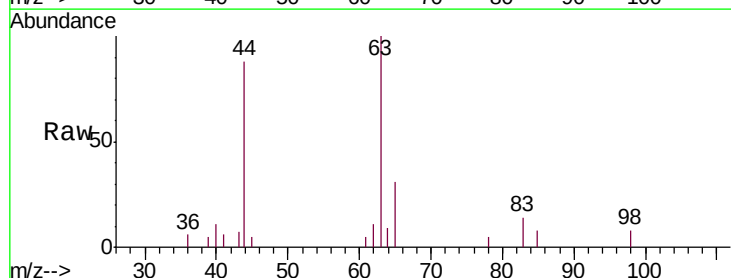
Instrument :
MSVOA_U
ClientSampleId :
CWJY5

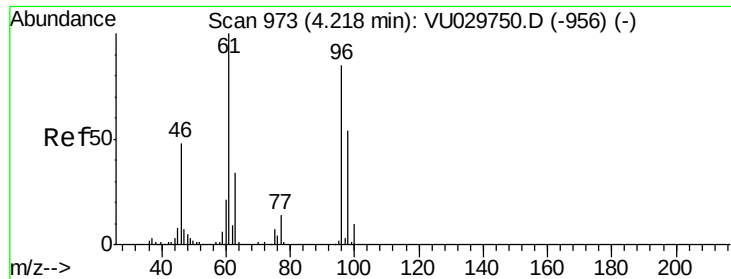
Tgt Ion: 43 Resp: 8662
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#19
1,1-Dichloroethane
Concen: 0.155 ug/L
RT: 3.44 min Scan# 732
Delta R.T. 0.00 min
Lab File: VU029765.D
Acq: 01 Mar 2019 15:43

Tgt Ion: 63 Resp: 4610
Ion Ratio Lower Upper
63 100
65 30.7 22.3 41.5
83 13.6 9.9 18.5



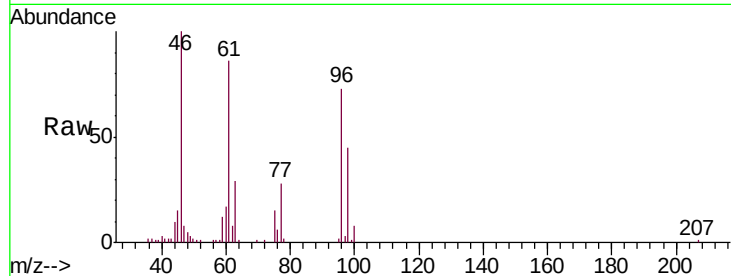


#22

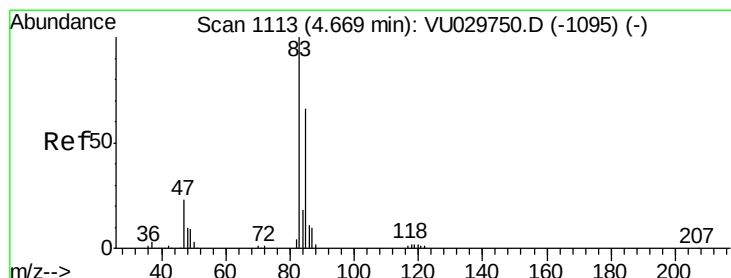
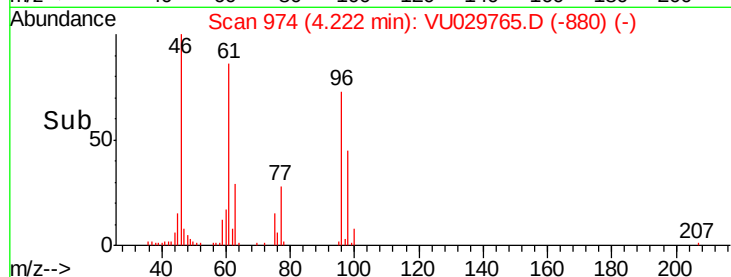
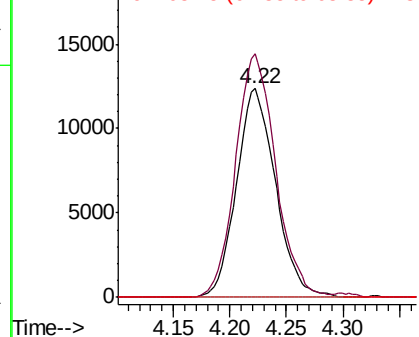
cis-1,2-Dichloroethene
 Concen: 1.698 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029765.D
 Acq: 01 Mar 2019 15:43

Instrument :
 MSVOA_U
 ClientSampleId :
 CWJY5

Tgt Ion: 96 Resp: 29715
 Ion Ratio Lower Upper
 96 100
 61 116.7 80.2 149.0
 68 0.0 0.0 0.0



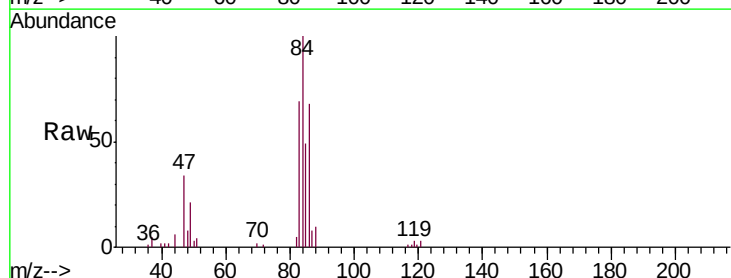
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



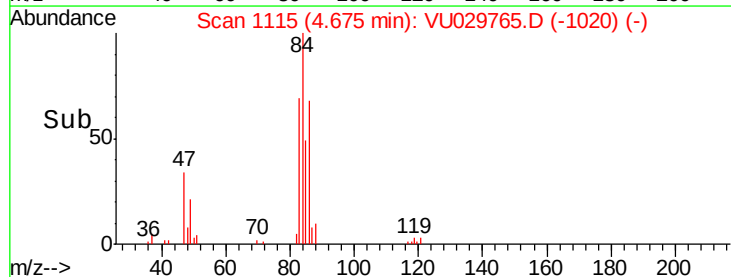
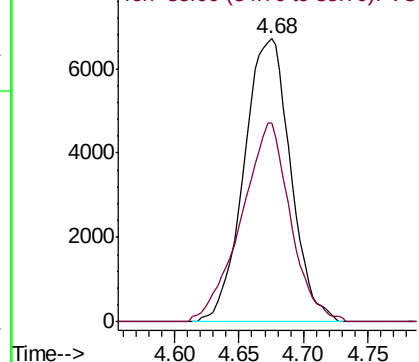
#25

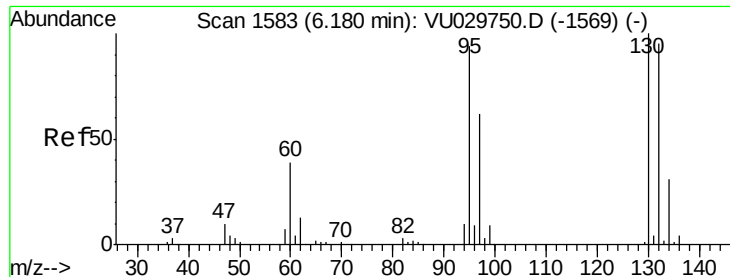
Chloroform
 Concen: 0.567 ug/L
 RT: 4.68 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: VU029765.D
 Acq: 01 Mar 2019 15:43

Tgt Ion: 83 Resp: 16901
 Ion Ratio Lower Upper
 83 100
 85 70.5 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: 0.628 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029765.D

Acq: 01 Mar 2019 15:43

Instrument :

MSVOA_U

ClientSampleId :

CWJY5

Tgt Ion: 95 Resp: 10680

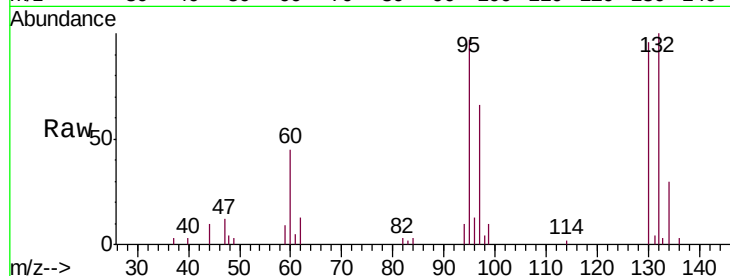
Ion Ratio Lower Upper

95 100

97 68.0 45.6 84.8

132 103.6 72.9 135.3

130 99.4 77.5 143.9

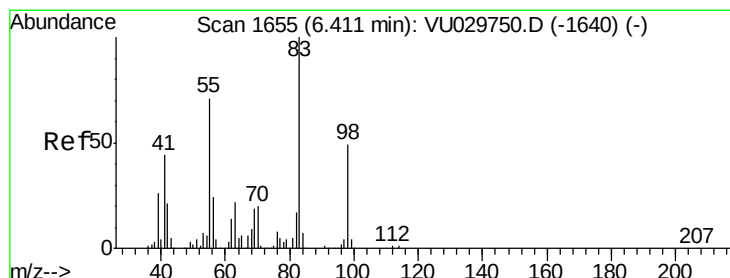
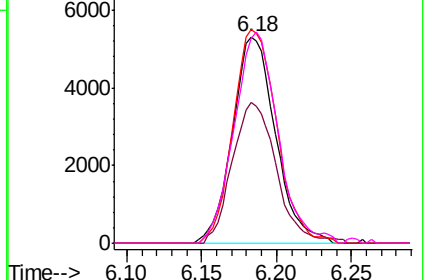
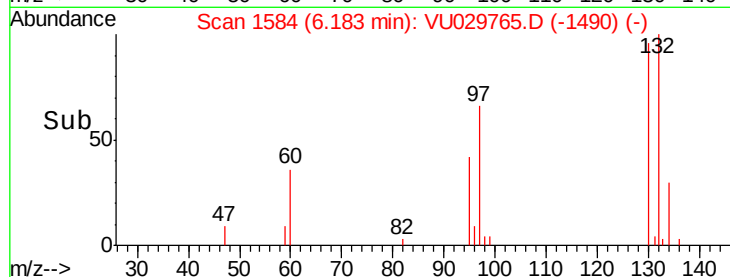


Abundance Ion 95.00 (94.70 to 95.70): VU029765.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU029765.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU029765.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU029765.D (-1569) (-)



#35

Methylcyclohexane

Concen: 0.781 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU029765.D

Acq: 01 Mar 2019 15:43

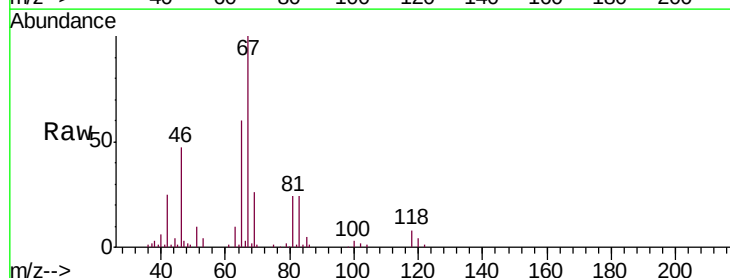
Tgt Ion: 83 Resp: 21539

Ion Ratio Lower Upper

83 100

55 0.1 56.5 84.7#

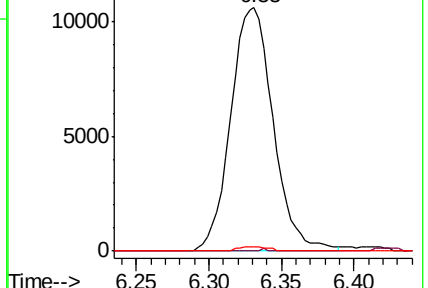
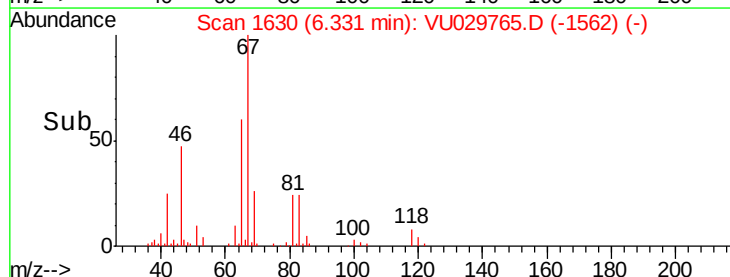
98 1.2 39.4 59.2#

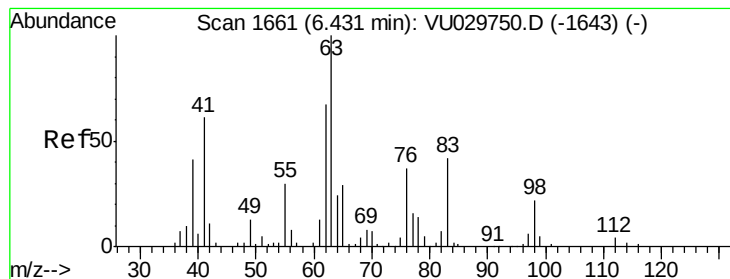


Abundance Ion 83.15 (82.85 to 83.85): VU029765.D (-1562) (-)

Ion 55.10 (54.80 to 55.80): VU029765.D (-1562) (-)

Ion 98.15 (97.85 to 98.85): VU029765.D (-1562) (-)





#37

1,2-Dichloropropane

Concen: 0.579 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029765.D

Acq: 01 Mar 2019 15:43

Instrument :

MSVOA_U

ClientSampleId :

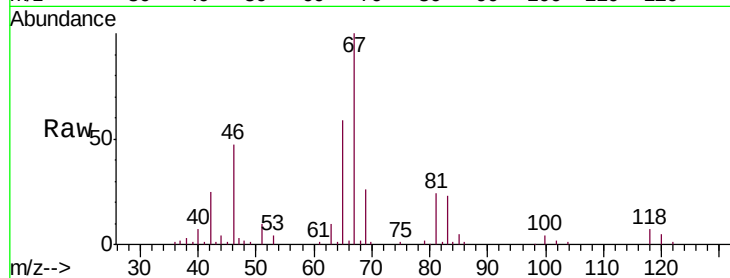
CWJY5

Tgt Ion: 63 Resp: 8886

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) (-)

5000

4000

3000

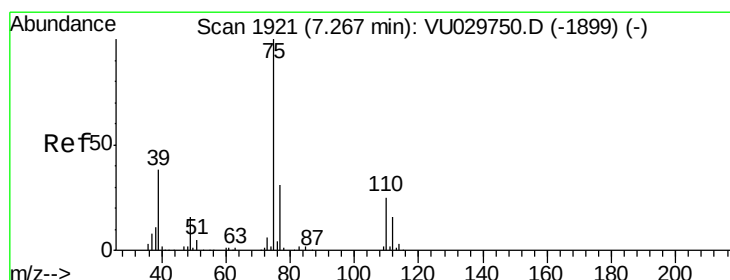
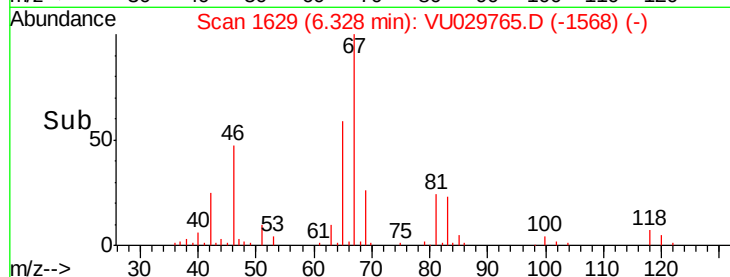
2000

1000

0

6.25 6.30 6.35 6.40

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029765.D

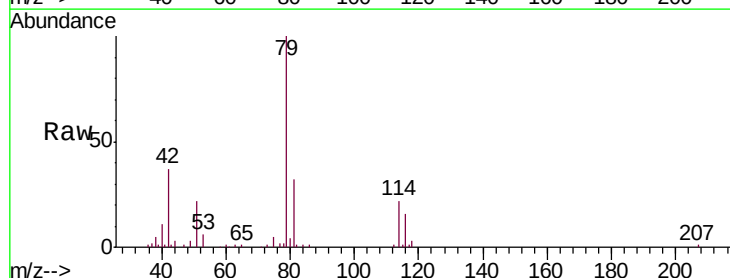
Acq: 01 Mar 2019 15:43

Tgt Ion: 75 Resp: 2257

Ion Ratio Lower Upper

75 100

77 43.7 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) (-)

1500

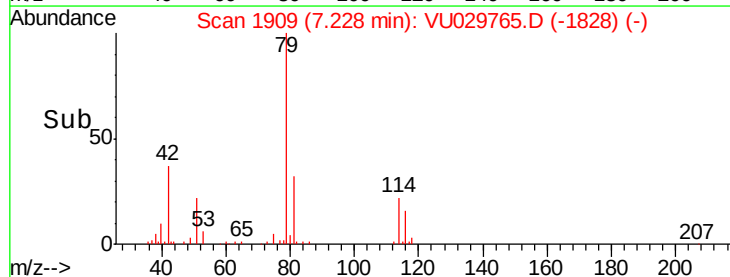
1000

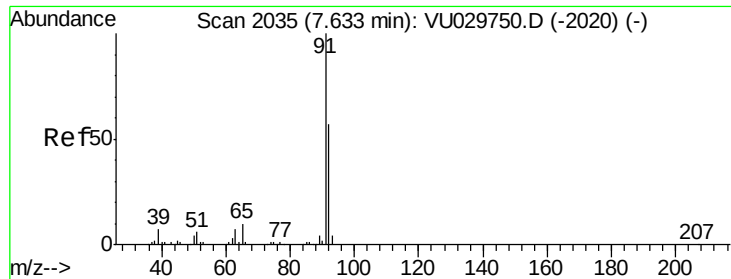
500

0

7.20 7.25

Time-->





#42

Toluene

Concen: 0.465 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029765.D

Acq: 01 Mar 2019 15:43

Instrument :

MSVOA_U

ClientSampleId :

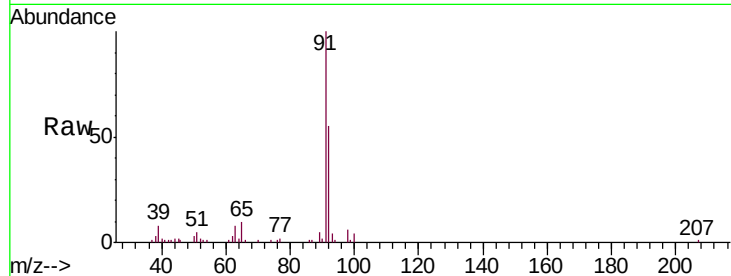
CWJY5

Tgt Ion: 91 Resp: 32133

Ion Ratio Lower Upper

91 100

92 55.1 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU029750.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU029750.D (-2020) (-)

7.64

15000

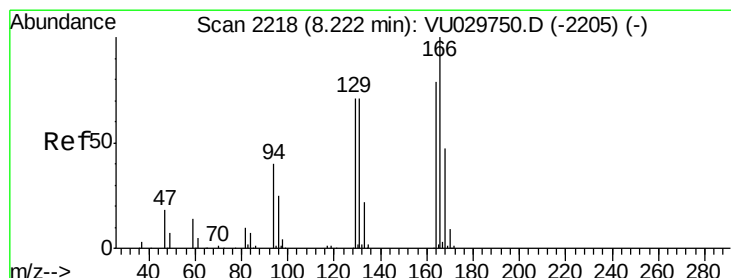
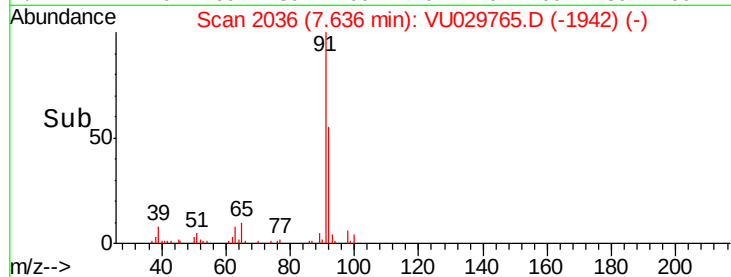
10000

5000

0

Time-->

7.55 7.60 7.65 7.70



#47

Tetrachloroethene

Concen: 0.395 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029765.D

Acq: 01 Mar 2019 15:43

Tgt Ion: 164 Resp: 6237

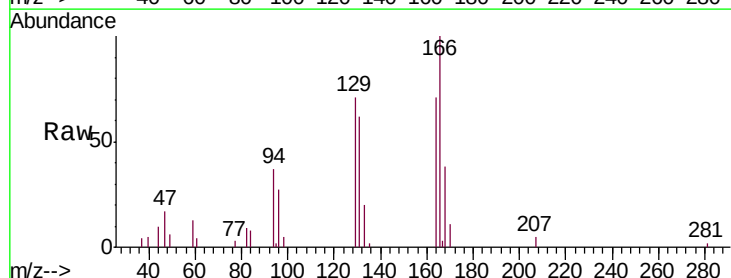
Ion Ratio Lower Upper

164 100

129 99.3 62.9 116.7

131 87.4 61.8 114.8

166 140.2 88.8 164.8



Abundance Ion 163.90 (163.60 to 164.60): VU029750.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU029750.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU029750.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU029750.D (-2205) (-)

6000

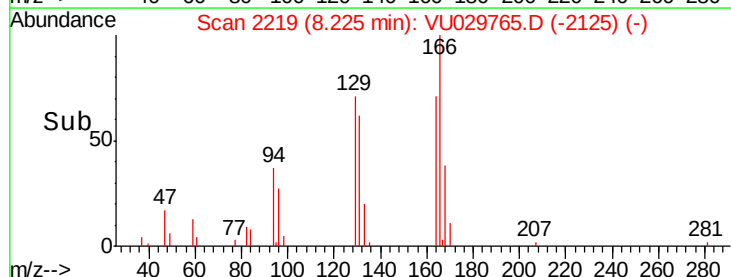
4000

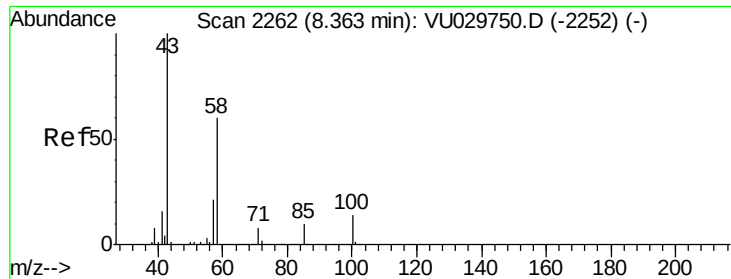
2000

0

Time-->

8.15 8.20 8.25

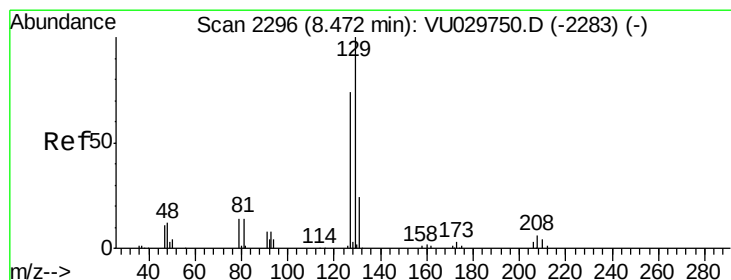
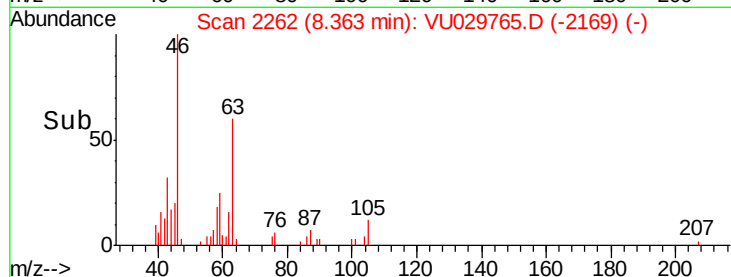
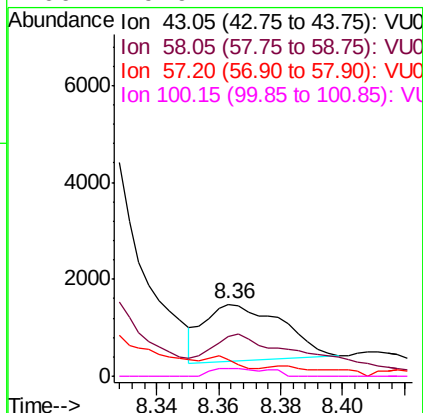
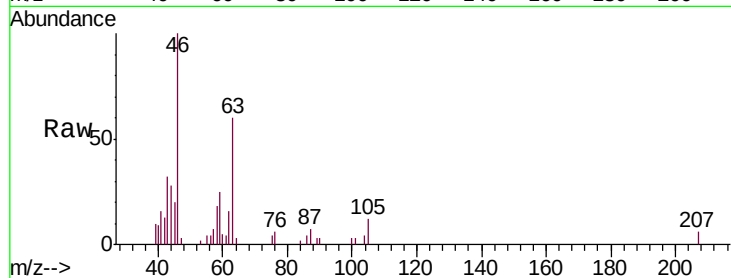




#48
2-Hexanone
Concen: 0.325 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU029765.D
Acq: 01 Mar 2019 15:43

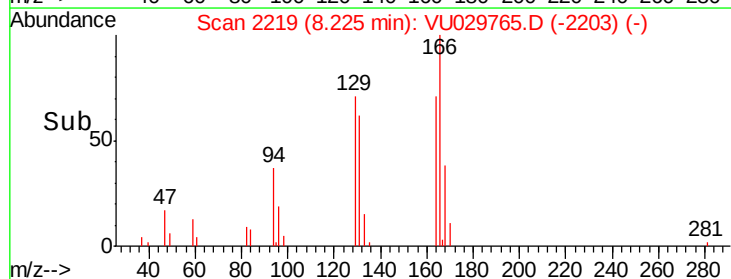
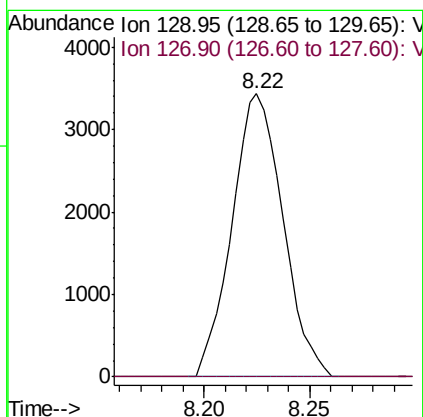
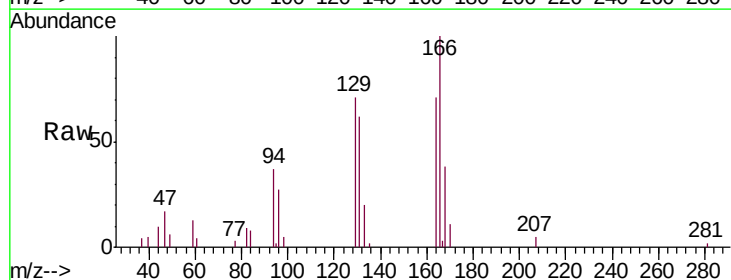
Instrument :
MSVOA_U
ClientSampled :
CWJY5

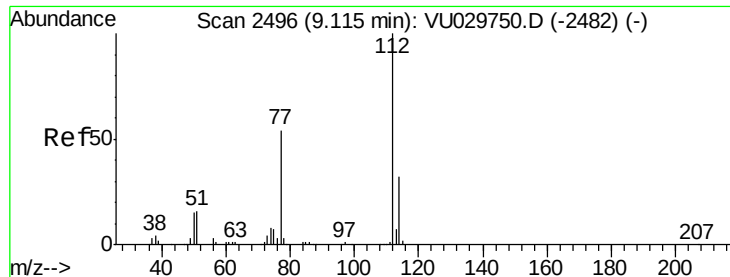
Tgt Ion: 43 Resp: 2051
Ion Ratio Lower Upper
43 100
58 99.7 46.6 69.8#
57 15.8 15.9 23.9#
100 9.9 11.4 17.2#



#49
Dibromochloromethane
Concen: 0.396 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU029765.D
Acq: 01 Mar 2019 15:43

Tgt Ion: 129 Resp: 5770
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#

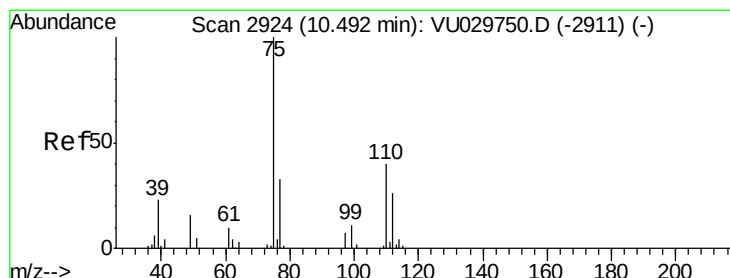
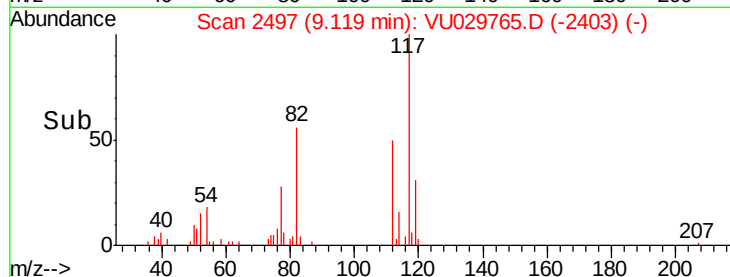
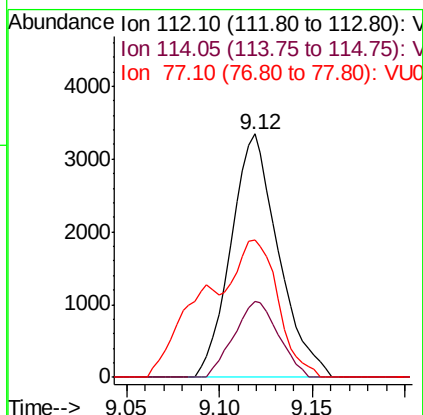
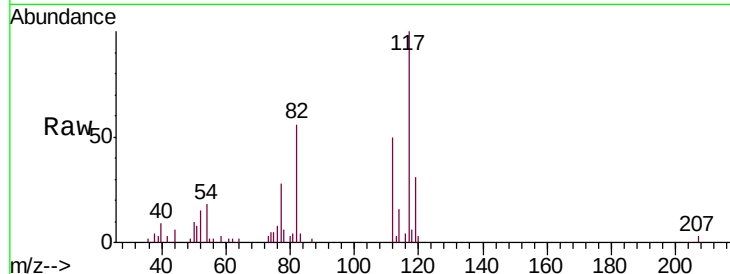




#51
Chlorobenzene
Concen: 0.125 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029765.D
Acq: 01 Mar 2019 15:43

Instrument :
MSVOA_U
ClientSampleId :
CWJY5

Tgt Ion: 112 Resp: 5948
Ion Ratio Lower Upper
112 100
114 31.2 22.3 41.3
77 56.6 42.7 64.1



#59
1,2,3-Trichloropropane
Concen: 1.187 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029765.D
Acq: 01 Mar 2019 15:43

Tgt Ion: 75 Resp: 12173
Ion Ratio Lower Upper
75 100
77 36.1 25.6 38.4

