

Data File : VU029767.D
Acq On : 01 Mar 2019 16:30
Operator : JC/SP
Sample : K1660-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJY9

Quant Time: Mar 01 22:17:52 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	228058	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	223731	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88770	5.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.20%
7) Chloroethane-d5	1.68	69	71641	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.27	63	123612	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.19	46	184973	54.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.86%
24) Chloroform-d	4.64	84	136137	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.31	65	73912	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.34	84	311053	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.33	67	94303	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.56	98	283225	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.85	79	34069	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.31	63	176696	52.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	76599	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	115617	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

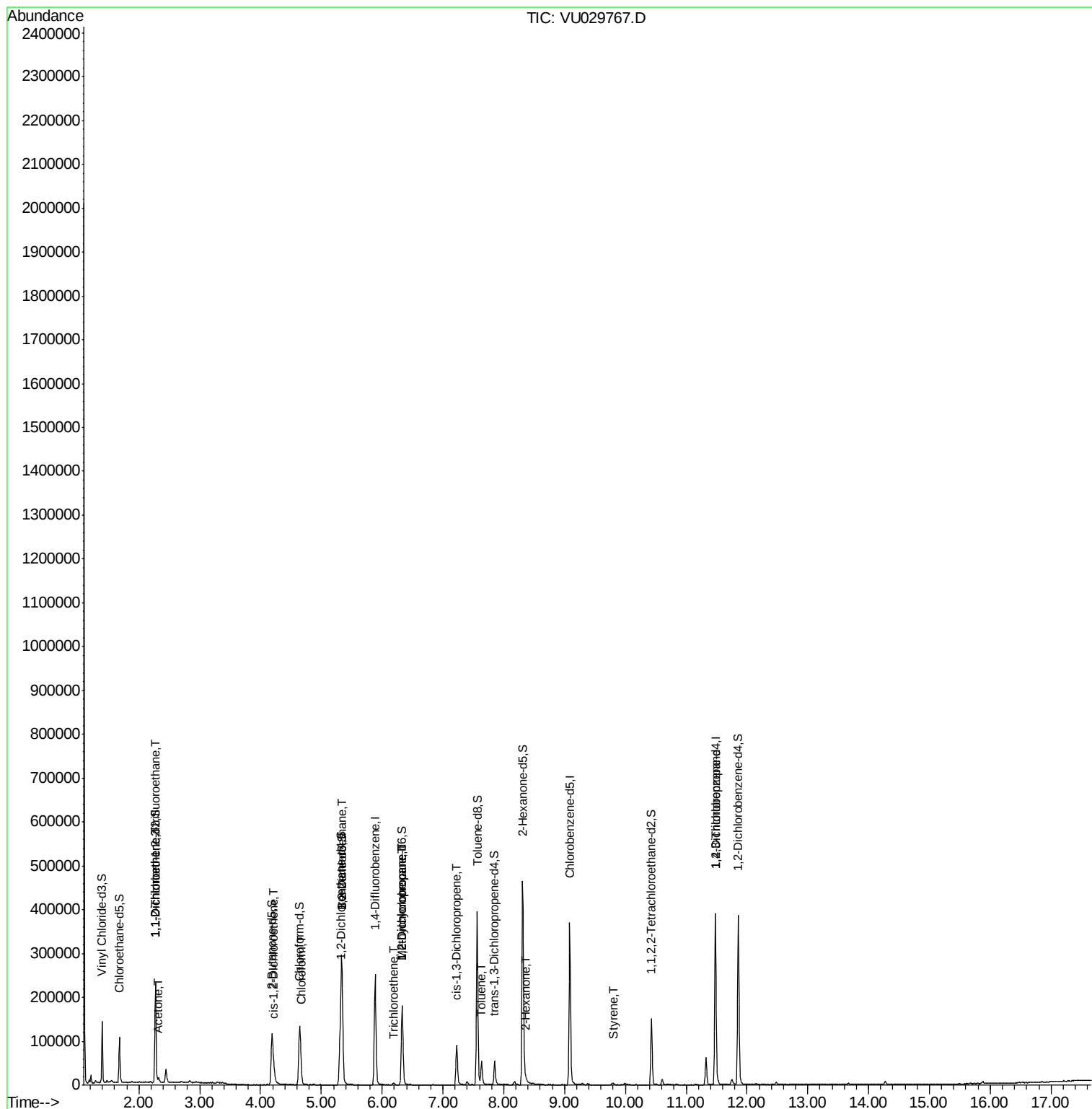
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1151	0.065 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1133	0.067 ug/L #	1
13) Acetone	2.32	43	8670	3.584 ug/L	95
22) cis-1,2-Dichloroethene	4.23	96	5082	0.301 ug/L	87
25) Chloroform	4.67	83	9209	0.321 ug/L	98
27) 1,2-Dichloroethane	5.34	62	1390	0.082 ug/L #	74
34) Trichloroethene	6.19	95	1475	0.089 ug/L	81
35) Methylcyclohexane	6.33	83	22350	0.835 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	9286	0.623 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2149	0.099 ug/L #	62
42) Toluene	7.64	91	42142	0.628 ug/L	98
48) 2-Hexanone	8.37	43	1733	0.283 ug/L #	80
55) Styrene	9.80	104	2270	0.047 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	11862	1.193 ug/L	95

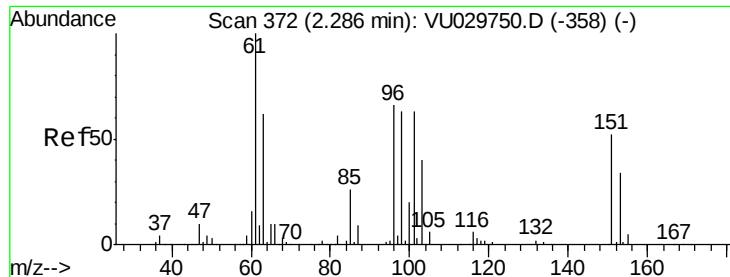
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.065 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029767.D

Acq: 01 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

CWJY9

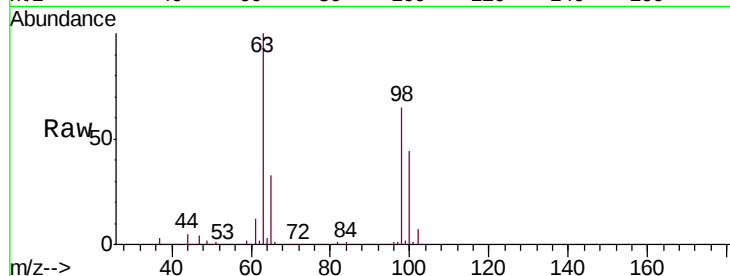
Tgt Ion: 101 Resp: 1151

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

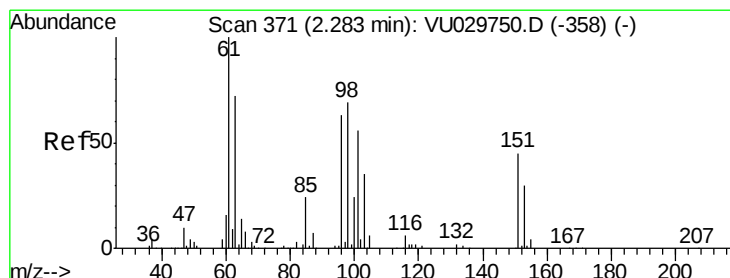
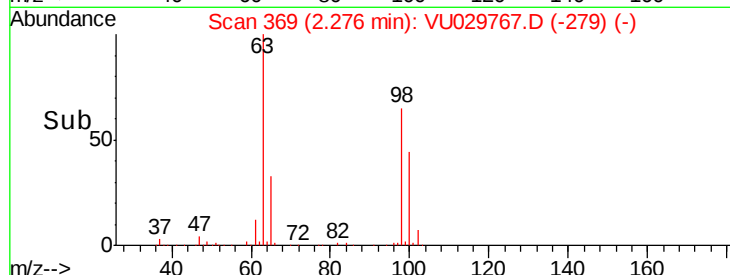
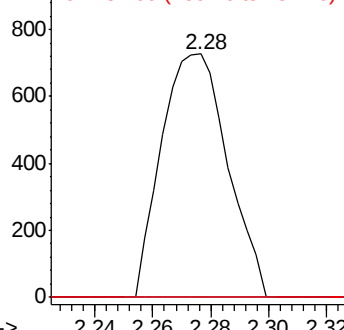
151 0.0 65.9 98.9#



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: 0.067 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029767.D

Acq: 01 Mar 2019 16:30

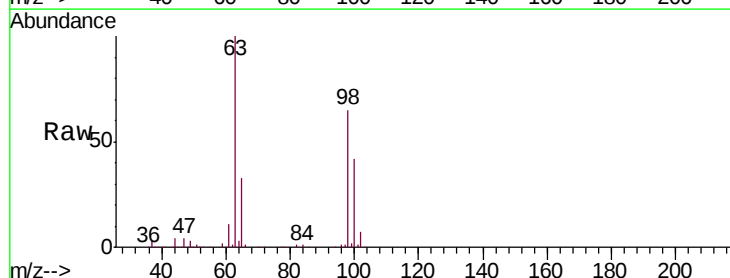
Tgt Ion: 96 Resp: 1133

Ion Ratio Lower Upper

96 100

61 1361.7 111.3 206.7#

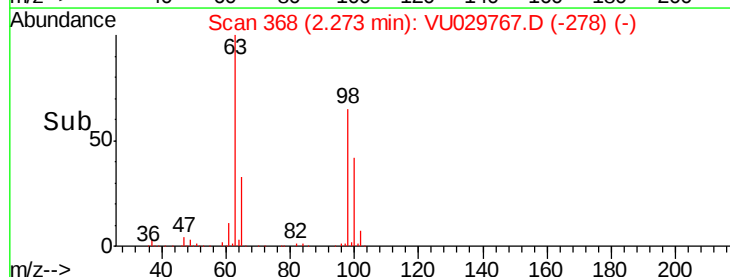
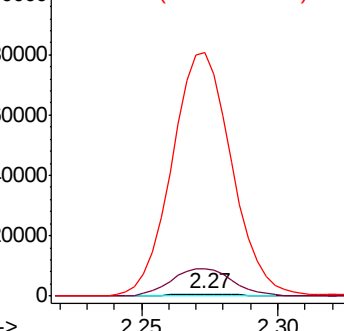
63 11939.6 88.5 164.3#

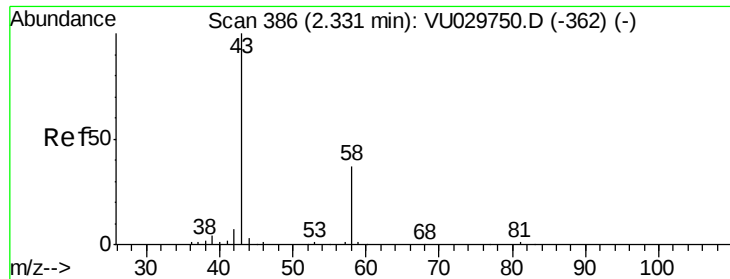


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.584 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.01 min

Lab File: VU029767.D

Acq: 01 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

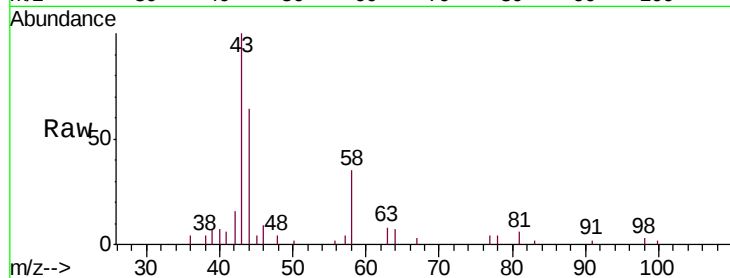
CWJY9

Tgt Ion: 43 Resp: 8670

Ion Ratio Lower Upper

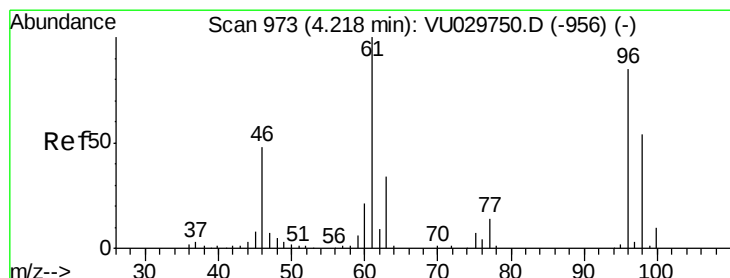
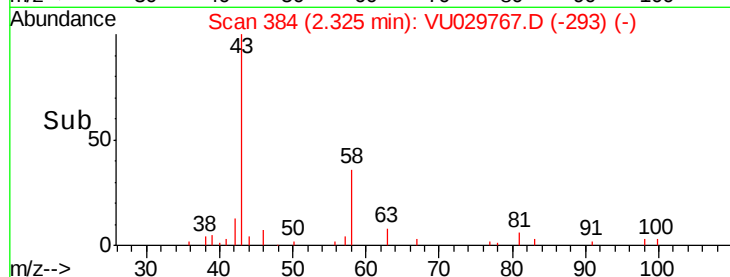
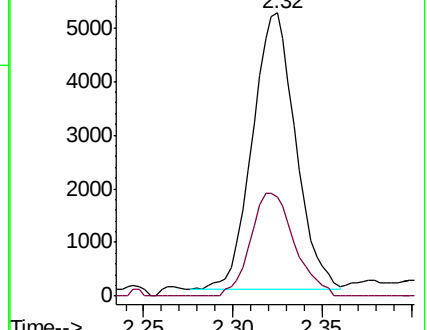
43 100

58 38.0 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU029767.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU029767.D (-293) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.301 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU029767.D

Acq: 01 Mar 2019 16:30

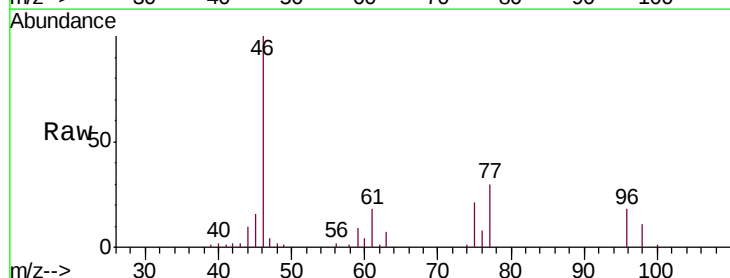
Tgt Ion: 96 Resp: 5082

Ion Ratio Lower Upper

96 100

61 100.3 80.2 149.0

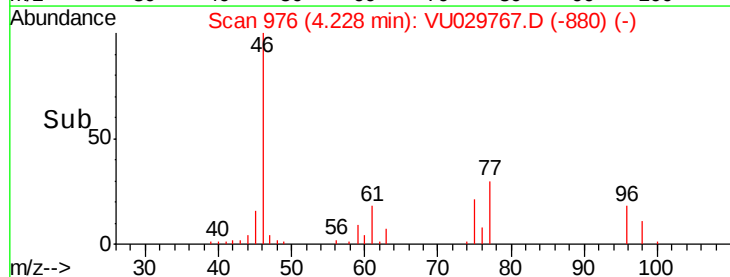
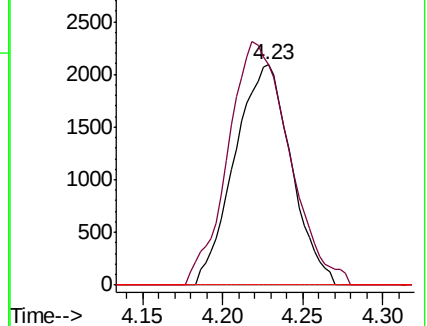
68 0.0 0.0 0.0

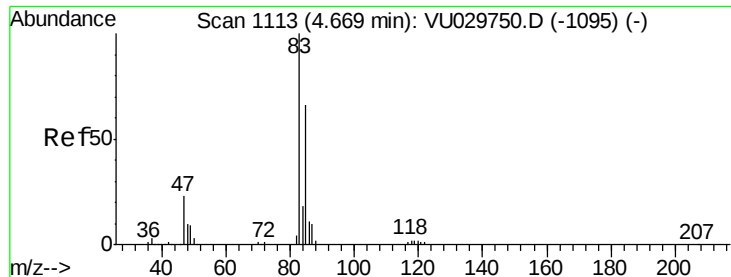


Abundance Ion 96.00 (95.70 to 96.70): VU029767.D (-880) (-)

Ion 61.05 (60.75 to 61.75): VU029767.D (-880) (-)

Ion 68.15 (67.85 to 68.85): VU029767.D (-880) (-)

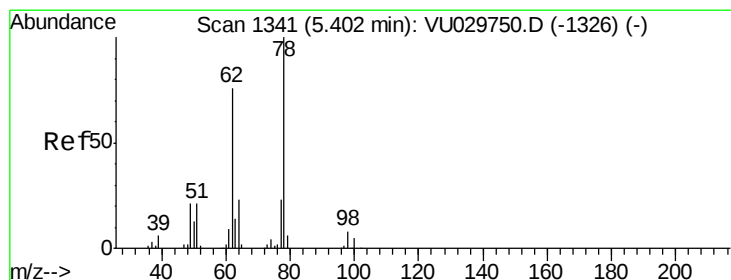
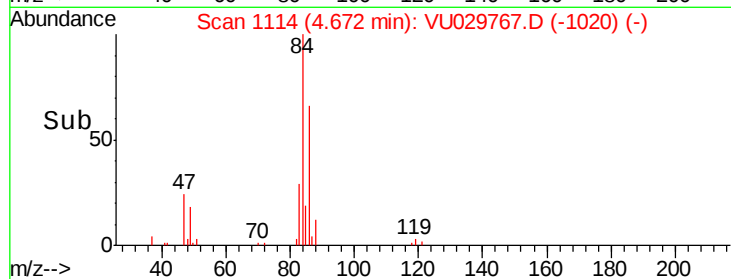
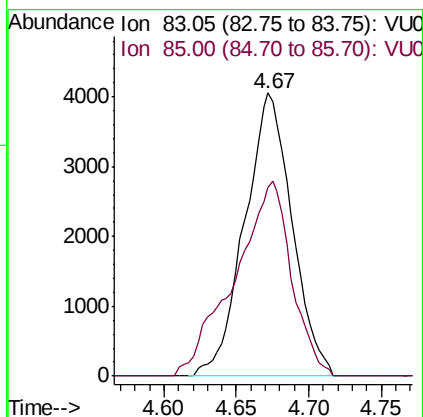
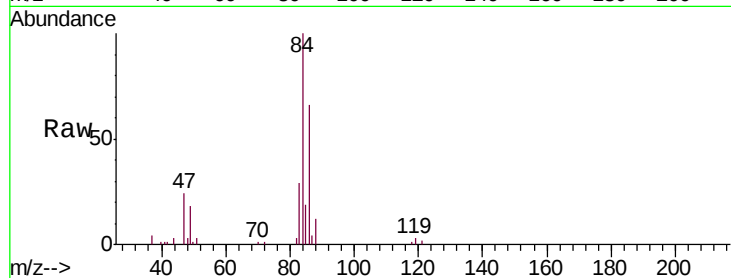




#25
Chloroform
Concen: 0.321 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029767.D
Acq: 01 Mar 2019 16:30

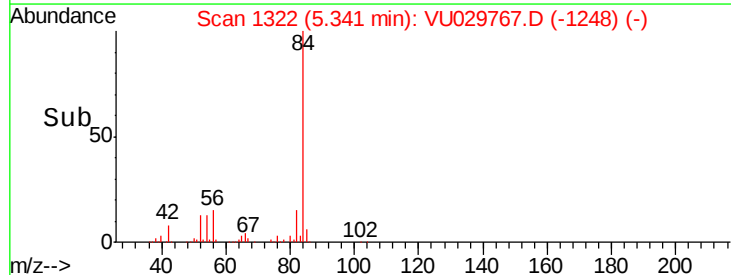
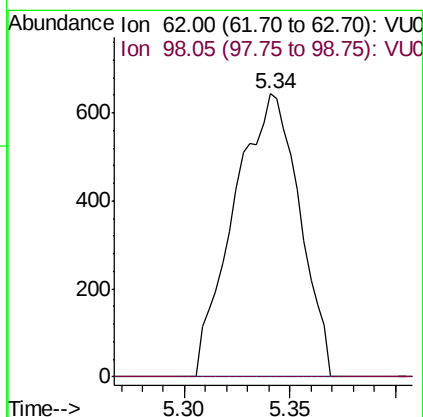
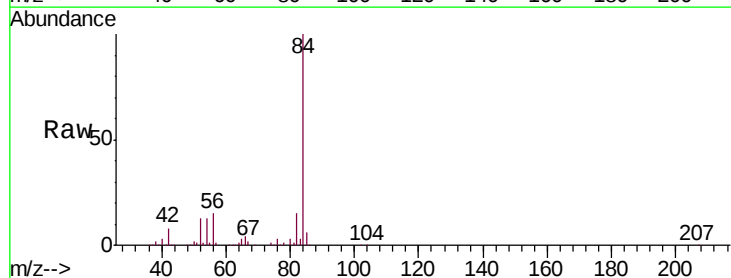
Instrument :
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ClientSampleId :
CWJY9

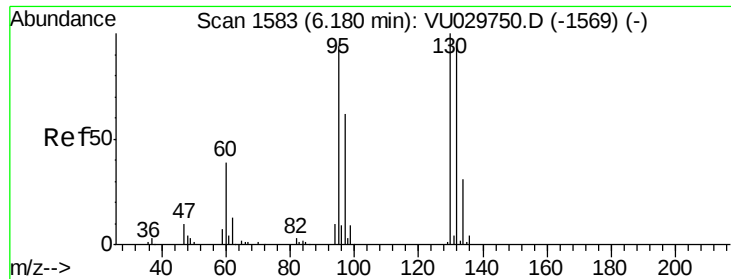
Tgt Ion: 83 Resp: 9209
Ion Ratio Lower Upper
83 100
85 66.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 0.082 ug/L
RT: 5.34 min Scan# 1322
Delta R.T. -0.06 min
Lab File: VU029767.D
Acq: 01 Mar 2019 16:30

Tgt Ion: 62 Resp: 1390
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

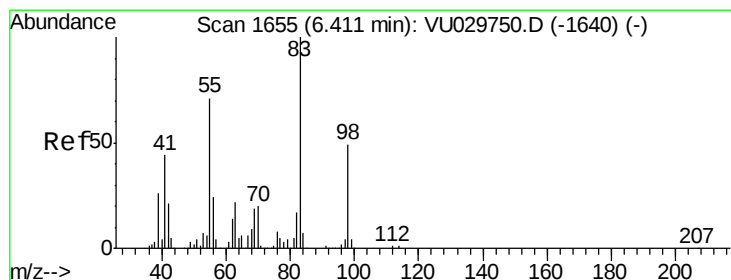
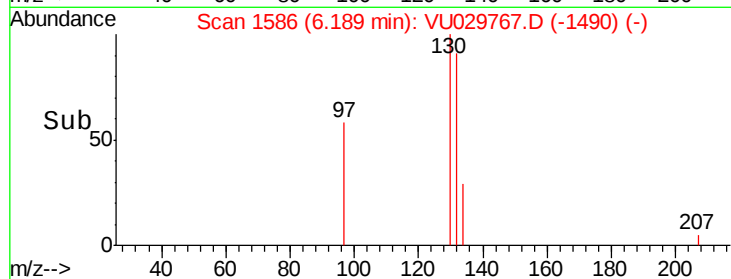
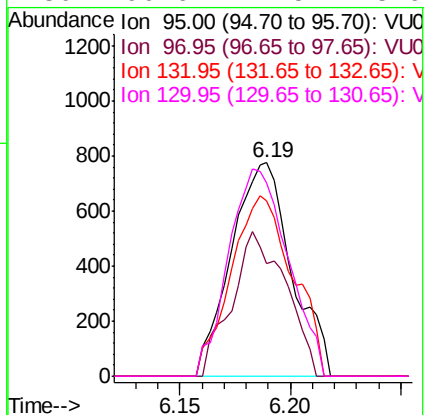
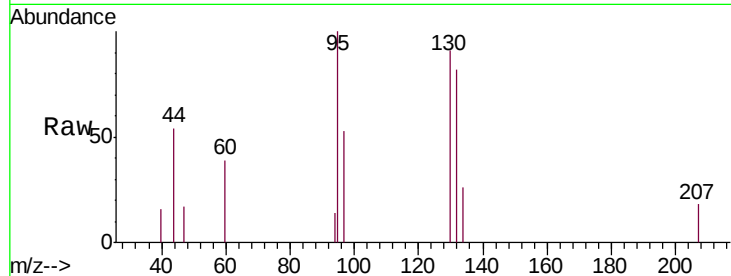




#34
 Trichloroethene
 Concen: 0.089 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU029767.D
 Acq: 01 Mar 2019 16:30

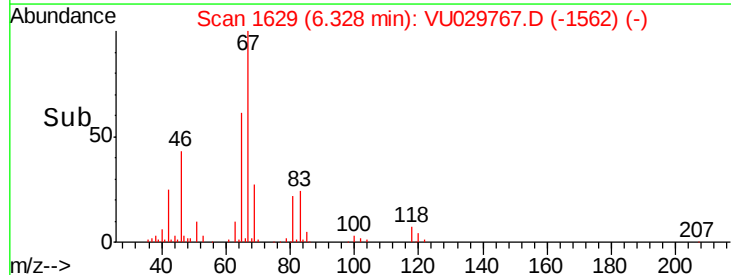
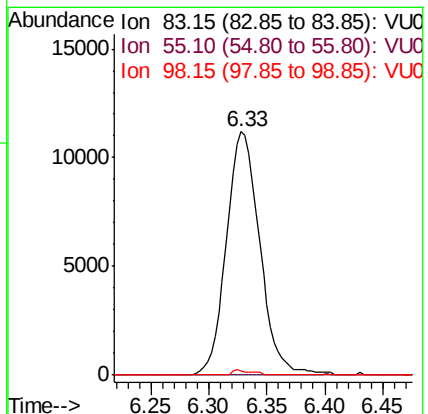
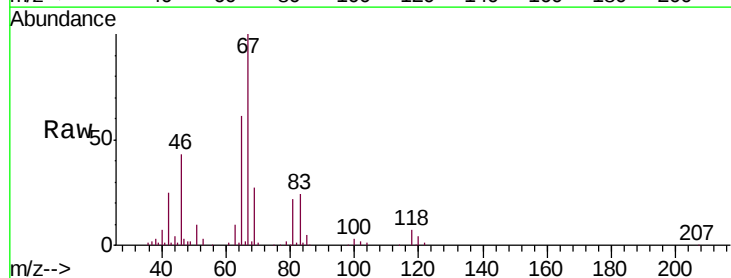
Instrument :
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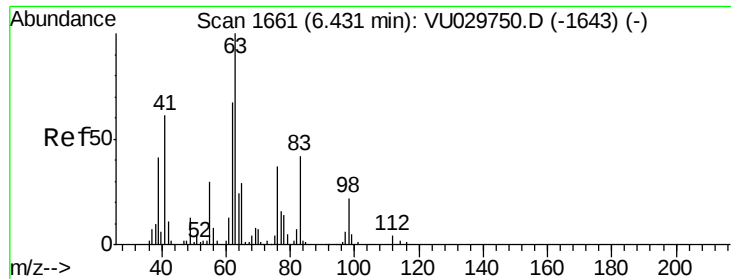
Tgt Ion:	95	Resp:	1475
Ion	Ratio	Lower	Upper
95	100		
97	52.6	45.6	84.8
132	82.1	72.9	135.3
130	90.6	77.5	143.9



#35
 Methylcyclohexane
 Concen: 0.835 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU029767.D
 Acq: 01 Mar 2019 16:30

Tgt Ion:	83	Resp:	22350
Ion	Ratio	Lower	Upper
83	100		
55	0.1	56.5	84.7#
98	1.1	39.4	59.2#

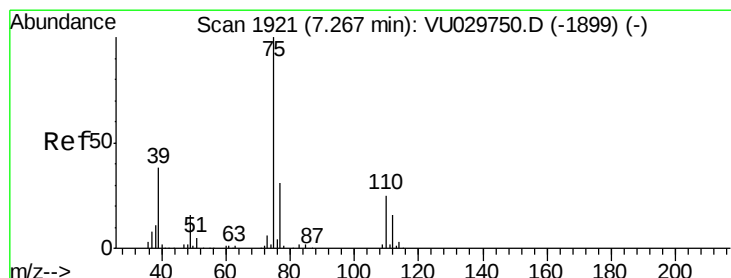
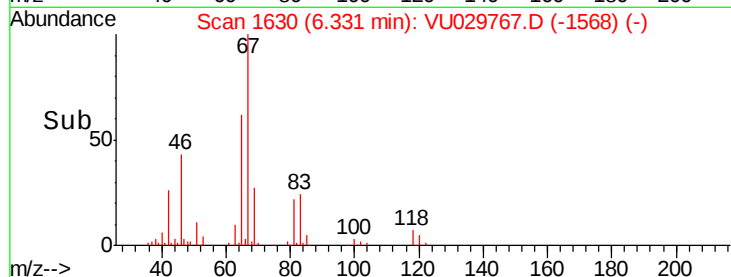
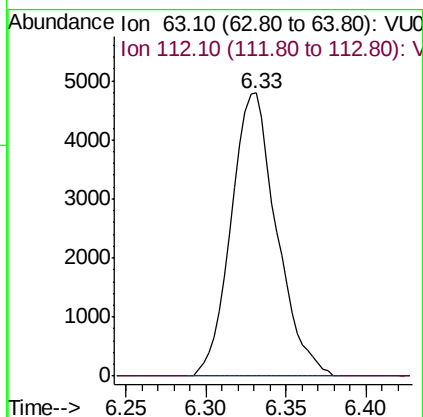
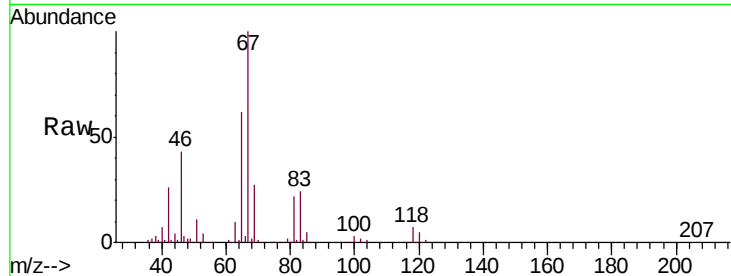




#37
 1,2-Dichloropropane
 Concen: 0.623 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU029767.D
 Acq: 01 Mar 2019 16:30

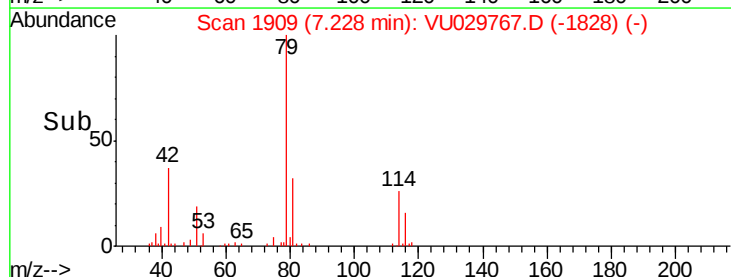
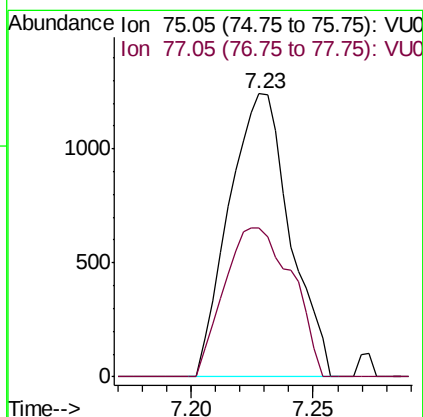
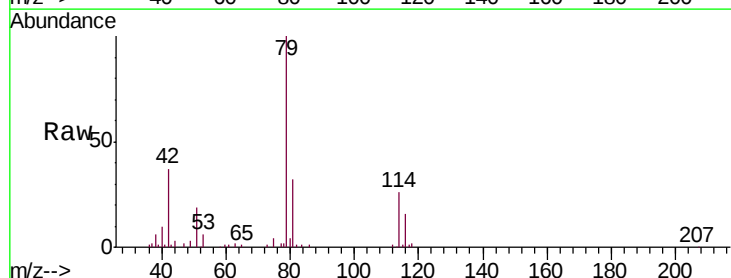
Instrument :
 MSVOA_U
 ClientSampleId :
 CWJY9

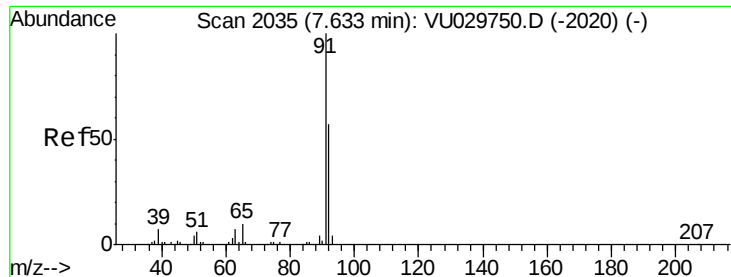
Tgt Ion: 63 Resp: 9286
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029767.D
 Acq: 01 Mar 2019 16:30

Tgt Ion: 75 Resp: 2149
 Ion Ratio Lower Upper
 75 100
 77 52.9 22.3 41.5#





#42

Toluene

Concen: 0.628 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029767.D

Acq: 01 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

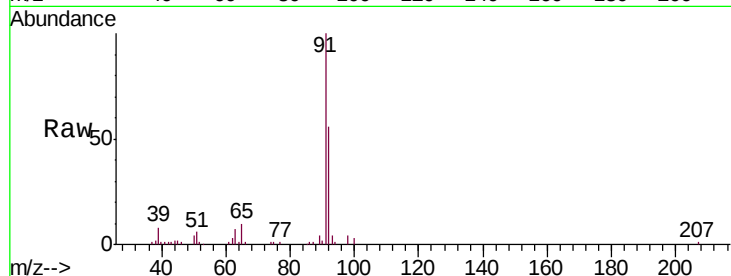
CWJY9

Tgt Ion: 91 Resp: 42142

Ion Ratio Lower Upper

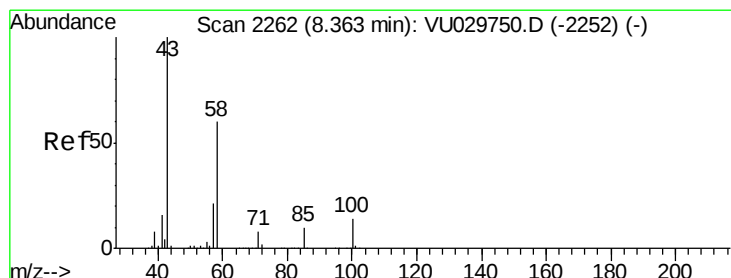
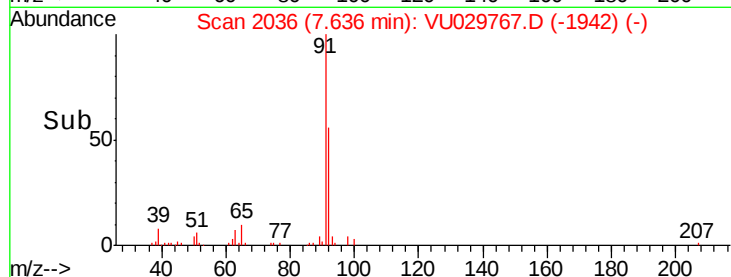
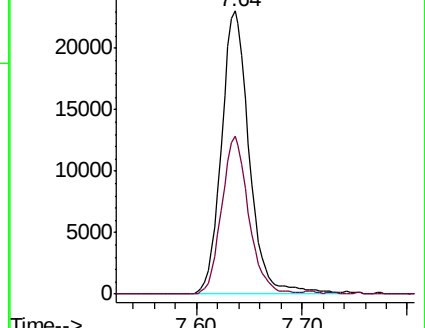
91 100

92 55.8 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) (-)



#48

2-Hexanone

Concen: 0.283 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU029767.D

Acq: 01 Mar 2019 16:30

Tgt Ion: 43 Resp: 1733

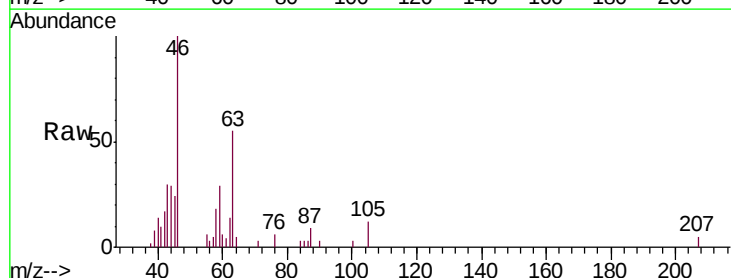
Ion Ratio Lower Upper

43 100

58 73.3 46.6 69.8#

57 33.4 15.9 23.9#

100 12.1 11.4 17.2

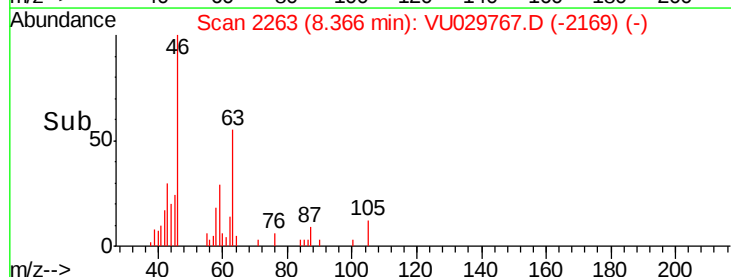
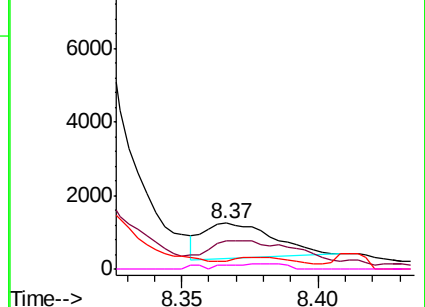


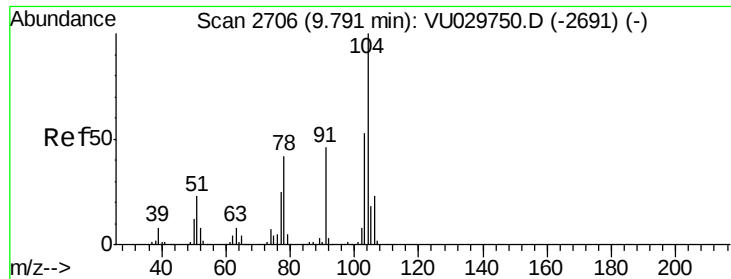
Abundance Ion 43.05 (42.75 to 43.75): VU029750.D (-2252) (-)

Ion 58.05 (57.75 to 58.75): VU029750.D (-2252) (-)

Ion 57.20 (56.90 to 57.90): VU029750.D (-2252) (-)

Ion 100.15 (99.85 to 100.85): VU029750.D (-2252) (-)





#55

Styrene

Concen: 0.047 ug/L

RT: 9.80 min Scan# 2709

Delta R.T. 0.01 min

Lab File: VU029767.D

Acq: 01 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

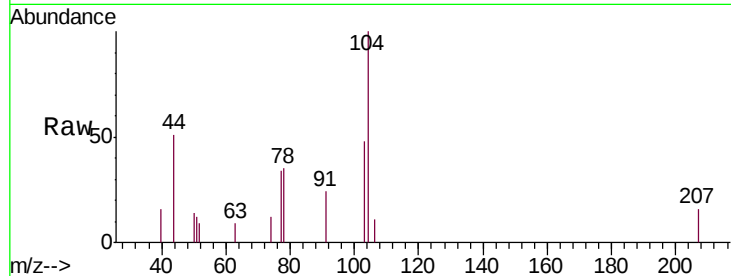
CWJY9

Tgt Ion:104 Resp: 2270

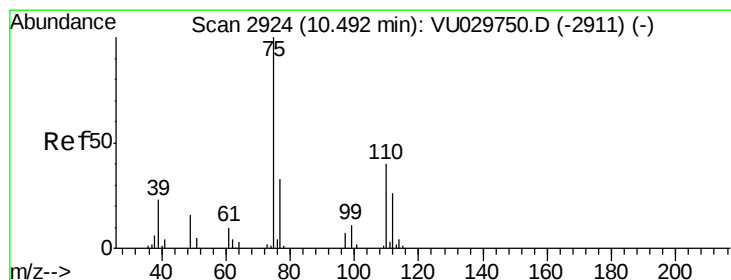
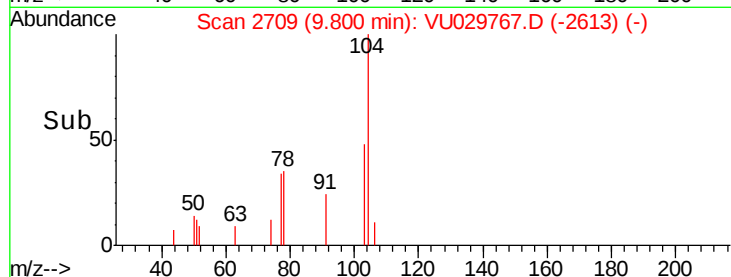
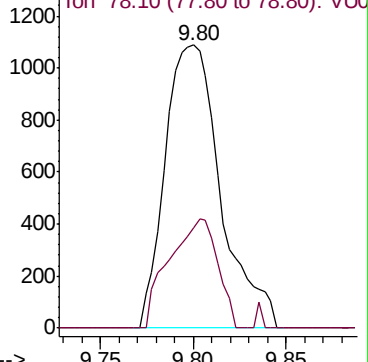
Ion Ratio Lower Upper

104 100

78 35.5 29.2 54.2



Abundance Ion 104.10 (103.80 to 104.80): VU029750.D (-2691) (-)



#59

1,2,3-Trichloropropane

Concen: 1.193 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029767.D

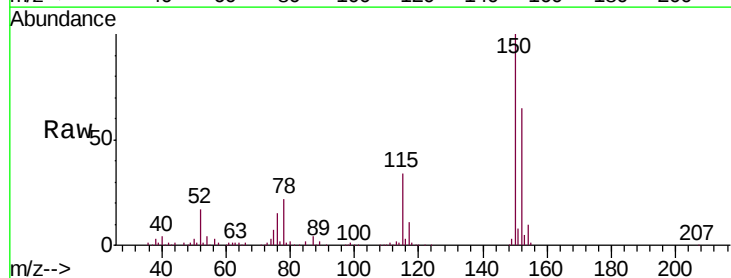
Acq: 01 Mar 2019 16:30

Tgt Ion: 75 Resp: 11862

Ion Ratio Lower Upper

75 100

77 34.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU029750.D (-2911) (-)

