

Data File : VU030768.D
Acq On : 06 Apr 2019 01:49
Operator : JC/SP
Sample : K2260-11MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETJ58MSD

Quant Time: Apr 06 02:24:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	429887	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	411816	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161709	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	199105	51.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.76%
7) Chloroethane-d5	1.68	69	163388	56.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.27	63	344758	49.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.34%
21) 2-Butanone-d5	4.17	46	354821	116.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.66%
24) Chloroform-d	4.64	84	305525	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
26) 1,2-Dichloroethane-d4	5.30	65	227384	56.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.70%
32) Benzene-d6	5.34	84	641951	53.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.33	67	229320	55.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.32%
41) Toluene-d8	7.56	98	530792	49.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.62%
43) trans-1,3-Dichloropropene-	7.85	79	91456	48.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.36%
47) 2-Hexanone-d5	8.31	63	207944	110.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305789	55.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	178131	56.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.02%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	36874	7.799	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2495	0.811	ug/L #	23
12) 1,1-Dichloroethene	2.28	96	145400	48.930	ug/L	98
13) Acetone	2.32	43	11407	3.665	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	271464	86.037	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	5894576	1691.969	ug/L	98
25) Chloroform	4.67	83	22622	3.457	ug/L	94
27) 1,2-Dichloroethane	5.38	62	5876	1.176	ug/L #	75
33) Benzene	5.39	78	647333	48.035	ug/L	100
34) Trichloroethene	6.18	95	4720952	1428.289	ug/L	99
42) Toluene	7.63	91	618977	44.996	ug/L	99
44) trans-1,3-Dichloropropene	7.84	75	3661	0.765	ug/L	94
46) Tetrachloroethene	8.22	164	20628	8.584	ug/L	95
48) 2-Hexanone	8.37	43	6568	1.372	ug/L #	40
51) Chlorobenzene	9.12	112	395392	46.864	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	22310	4.882	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\
Quantitation Report (Not Reviewed)

Data File : VU030768.D
Acq On : 06 Apr 2019 01:49
Operator : JC/SP
Sample : K2260-11MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETJ58MSD

Quant Time: Apr 06 02:24:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

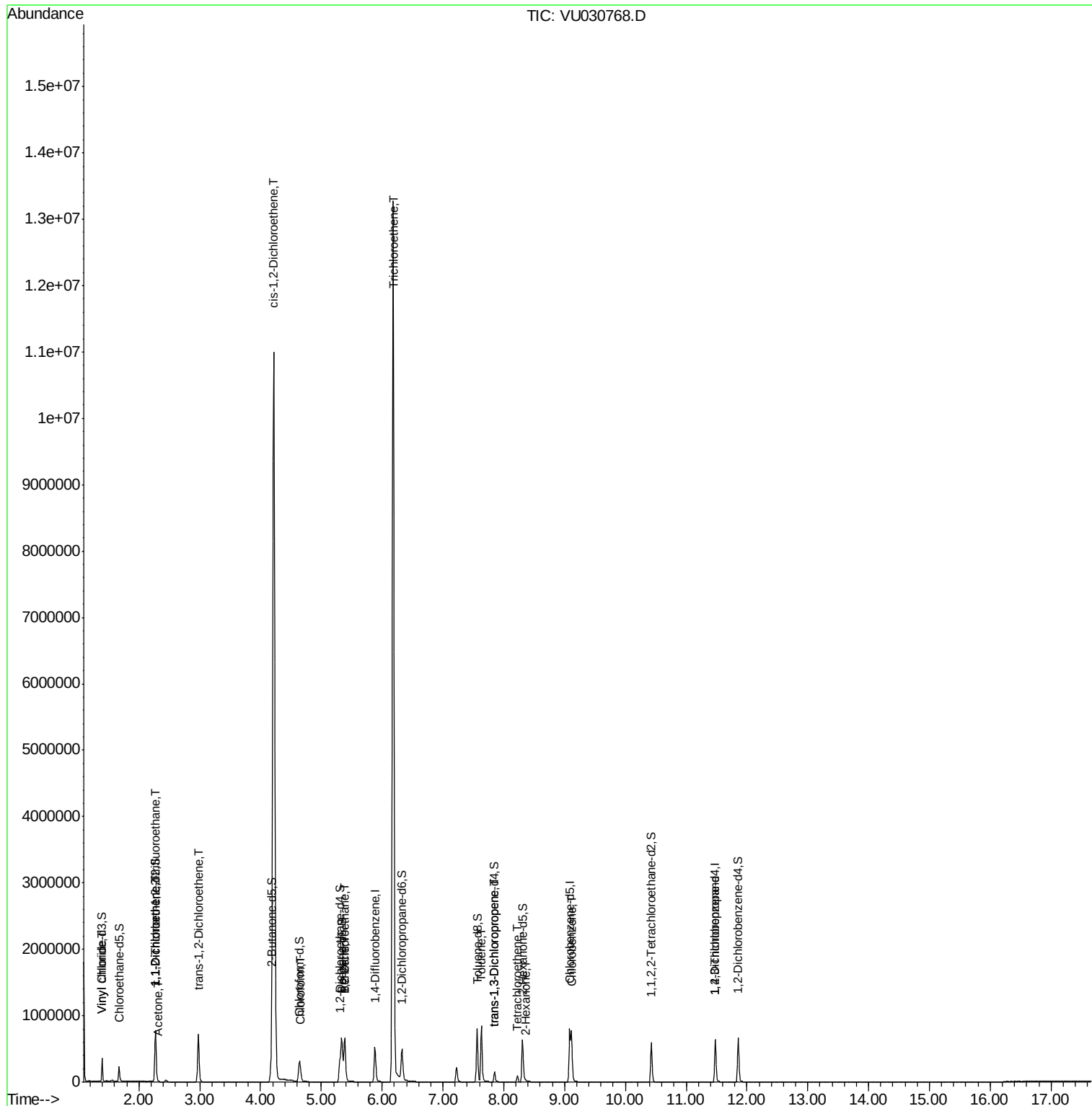
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

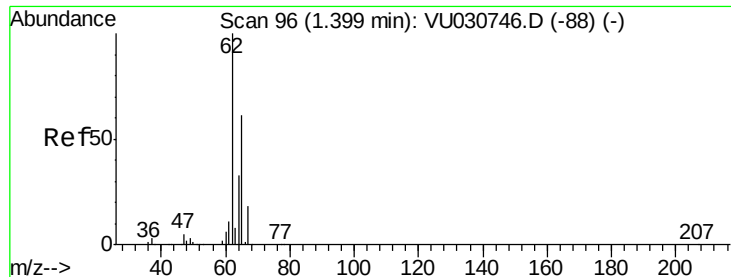
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030768.D
Acq On : 06 Apr 2019 01:49
Operator : JC/SP
Sample : K2260-11MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETJ58MSD

Quant Time: Apr 06 02:24:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.799 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU030768.D

Acq: 06 Apr 2019 01:49

Instrument :

MSVOA_U

ClientSampleId :

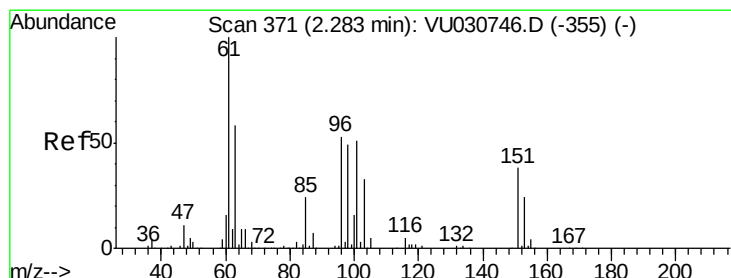
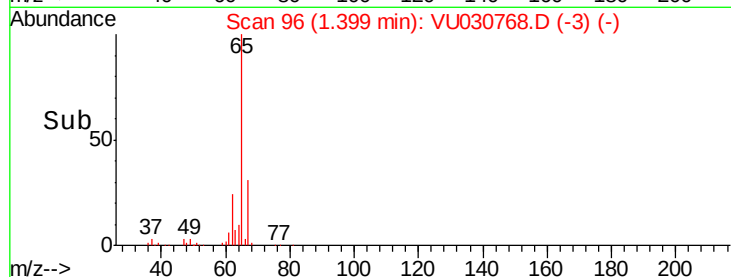
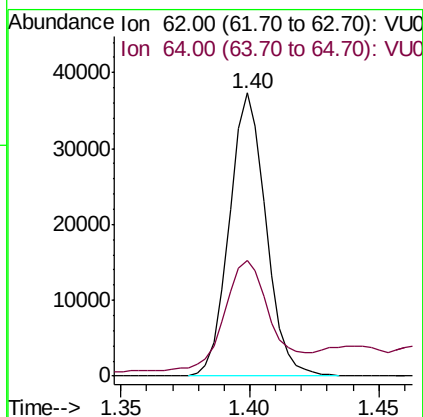
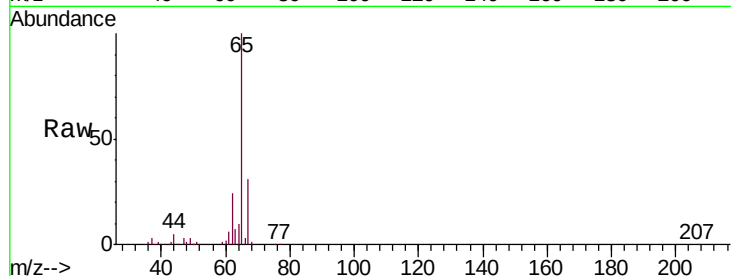
ETJ58MSD

Tgt Ion: 62 Resp: 36874

Ion Ratio Lower Upper

62 100

64 41.1 21.5 39.9#



#10

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

Concen: 0.811 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030768.D

Acq: 06 Apr 2019 01:49

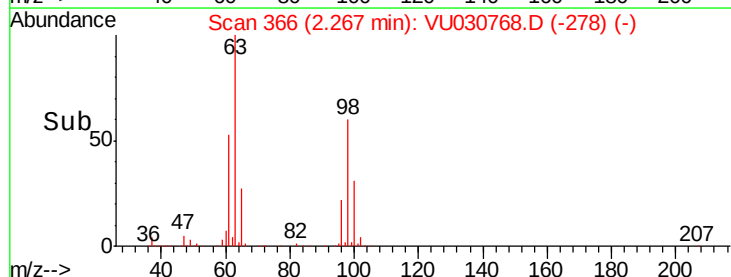
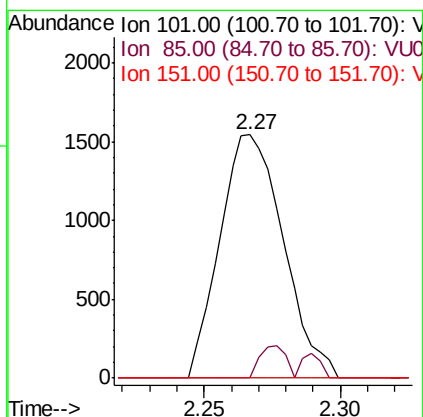
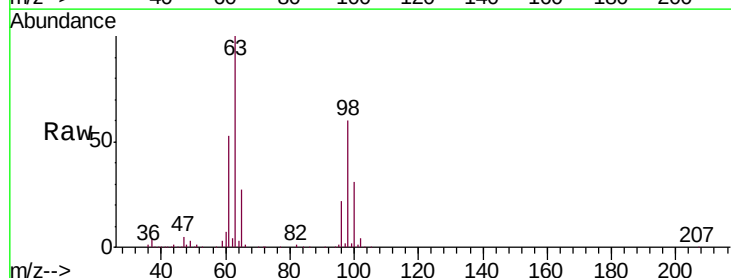
Tgt Ion: 101 Resp: 2495

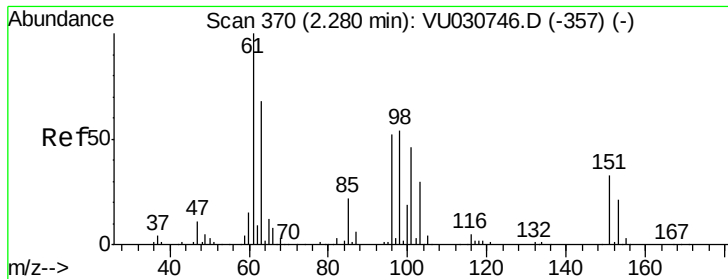
Ion Ratio Lower Upper

101 100

85 5.3 36.8 55.2#

151 0.0 57.4 86.0#

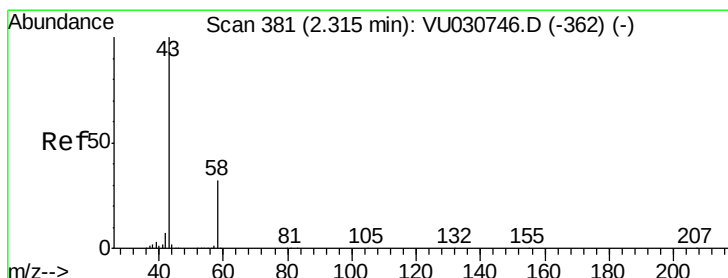
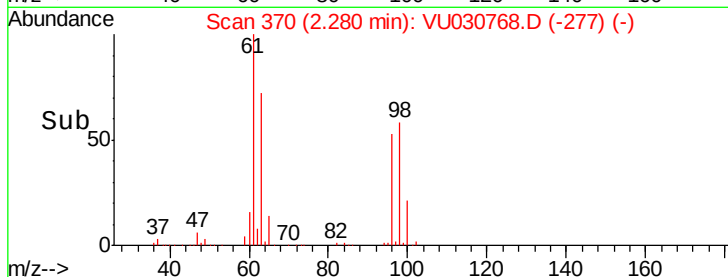
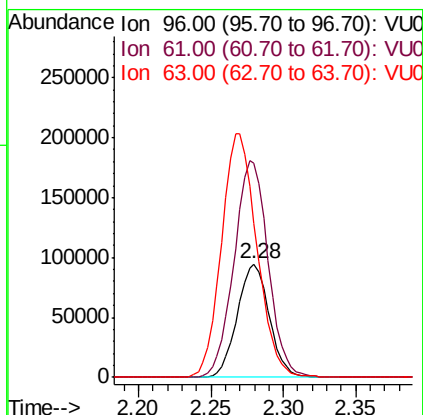
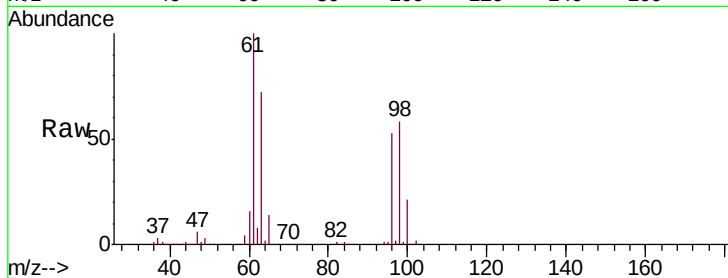




#12
 1,1-Dichloroethene
 Concen: 48.930 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VU030768.D
 Acq: 06 Apr 2019 01:49

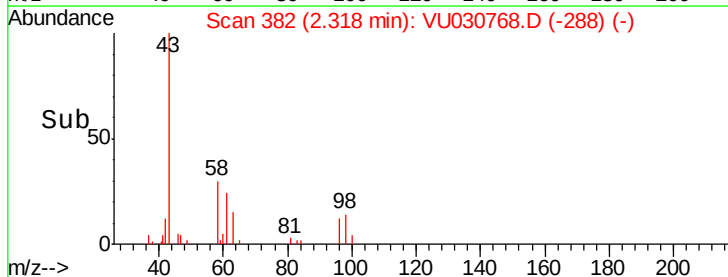
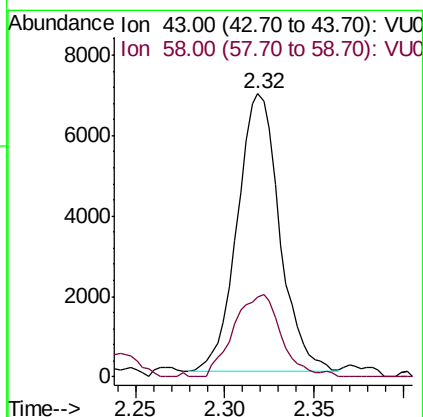
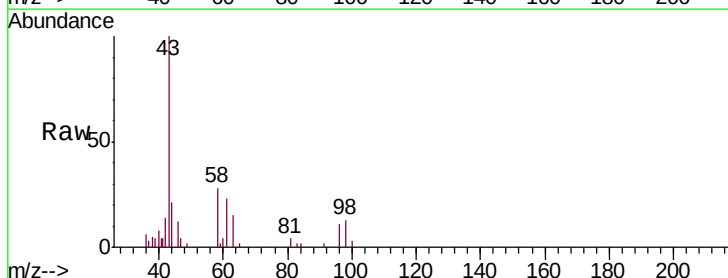
Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ58MSD

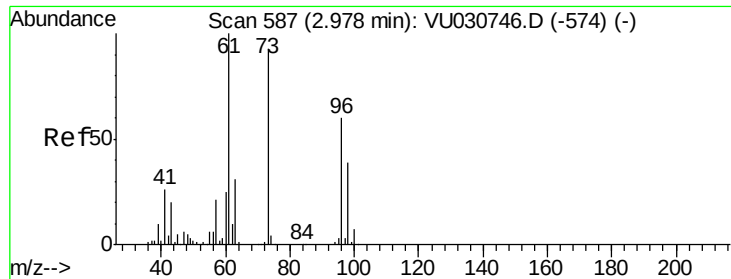
Tgt Ion: 96 Resp: 145400
 Ion Ratio Lower Upper
 96 100
 61 189.3 132.0 245.2
 63 136.1 90.9 168.9



#13
 Acetone
 Concen: 3.665 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU030768.D
 Acq: 06 Apr 2019 01:49

Tgt Ion: 43 Resp: 11407
 Ion Ratio Lower Upper
 43 100
 58 33.1 0.0 64.0





#17

trans-1,2-Dichloroethene

Concen: 86.037 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU030768.D

Acq: 06 Apr 2019 01:49

Instrument :

MSVOA_U

ClientSampleId :

ETJ58MSD

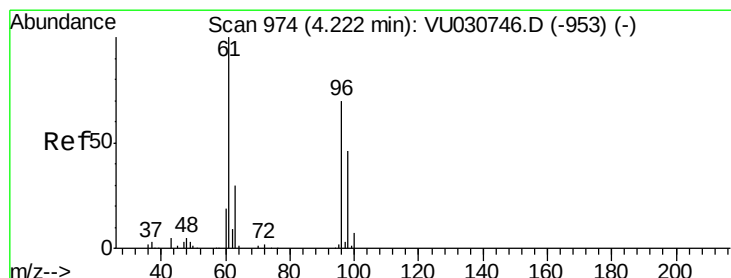
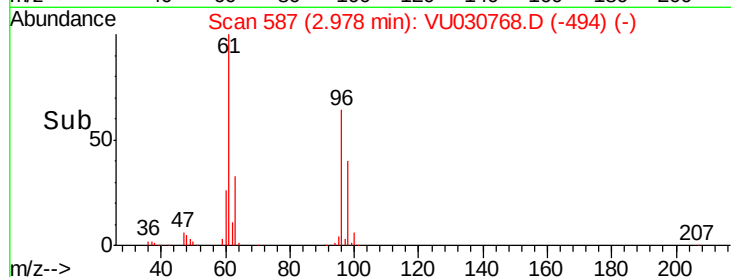
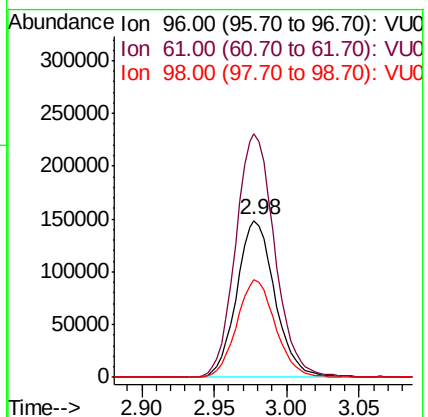
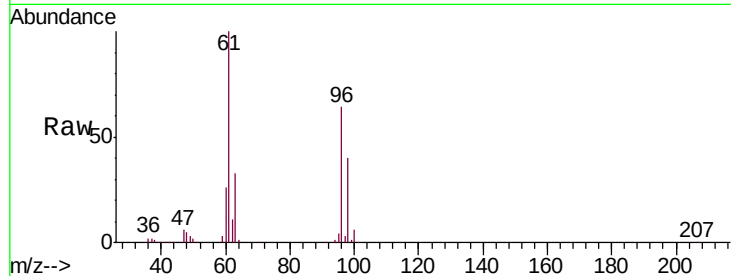
Tgt Ion: 96 Resp: 271464

Ion Ratio Lower Upper

96 100

61 155.5 109.5 203.3

98 62.3 44.0 81.6



#20

cis-1,2-Dichloroethene

Concen: 1691.969 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU030768.D

Acq: 06 Apr 2019 01:49

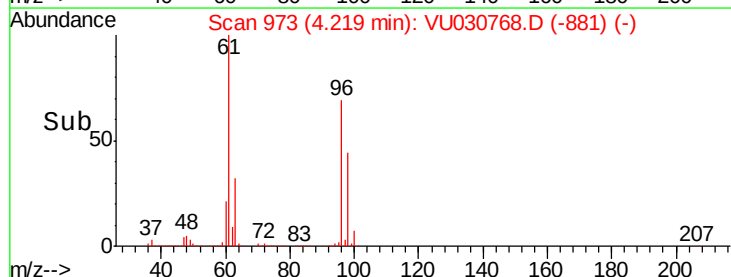
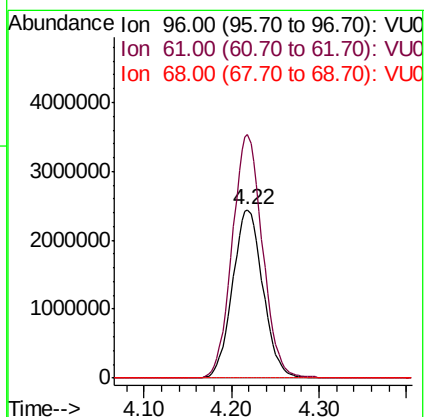
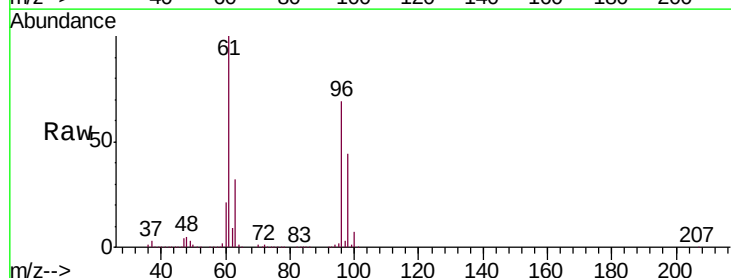
Tgt Ion: 96 Resp: 5894576

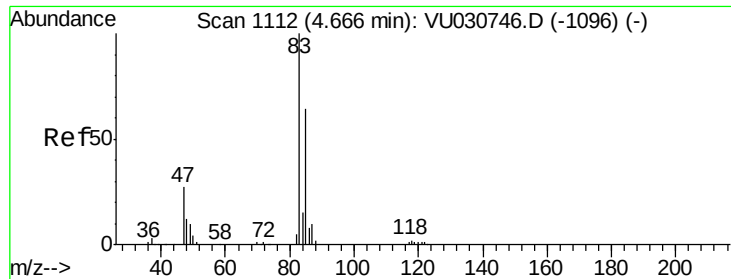
Ion Ratio Lower Upper

96 100

61 144.3 102.9 191.1

68 0.0 0.0 0.0

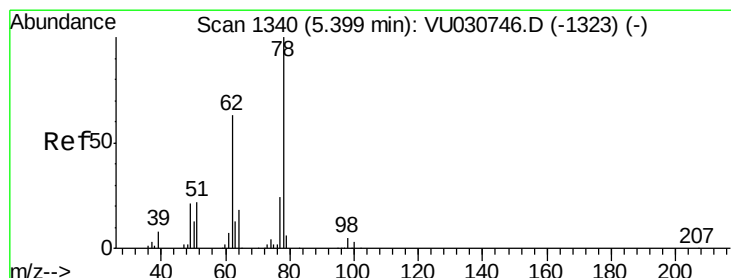
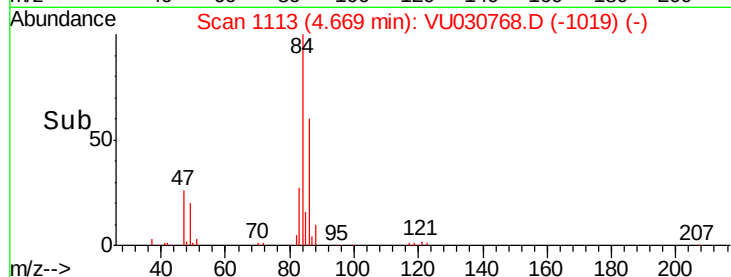
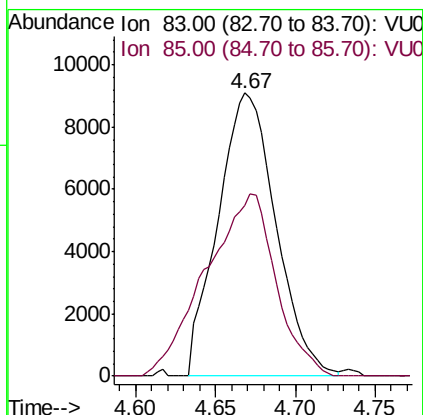
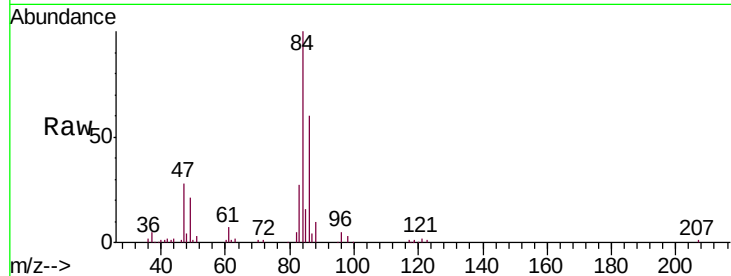




#25
Chloroform
Concen: 3.457 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030768.D
Acq: 06 Apr 2019 01:49

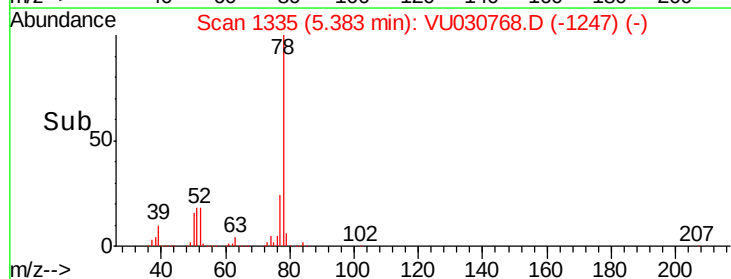
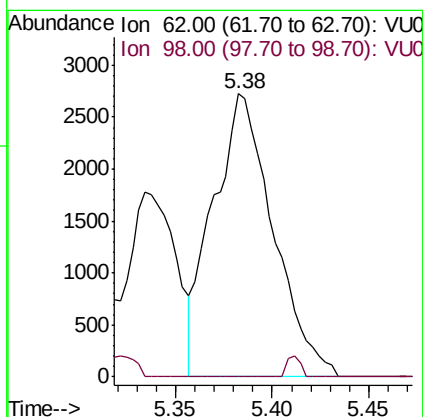
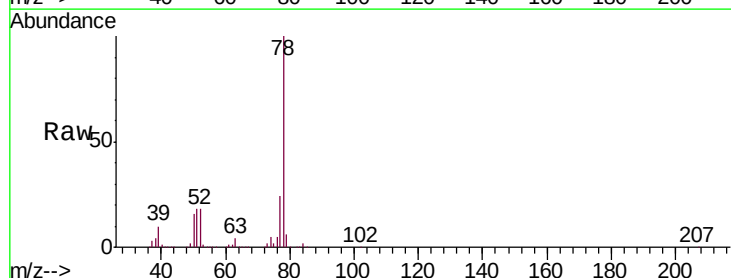
Instrument :
MSVOA_U
ClientSampleId :
ETJ58MSD

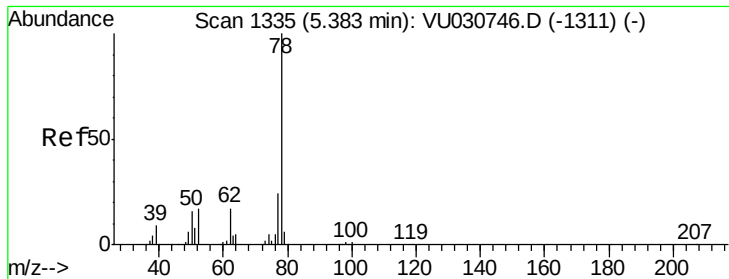
Tgt Ion: 83 Resp: 22622
Ion Ratio Lower Upper
83 100
85 60.5 45.8 85.0



#27
1,2-Dichloroethane
Concen: 1.176 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VU030768.D
Acq: 06 Apr 2019 01:49

Tgt Ion: 62 Resp: 5876
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





#33

Benzene

Concen: 48.035 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU030768.D

Acq: 06 Apr 2019 01:49

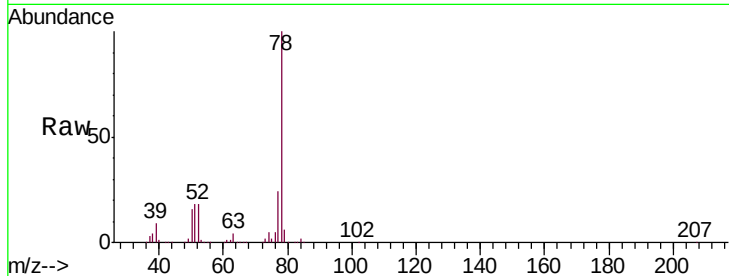
Instrument :

MSVOA_U

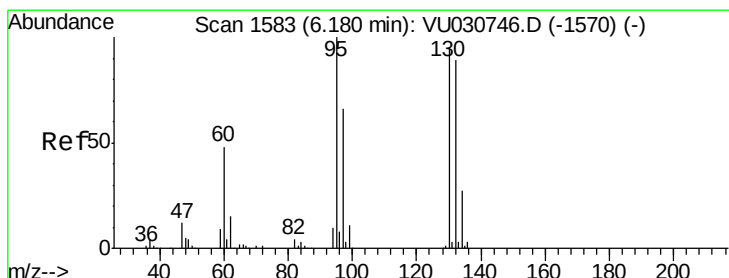
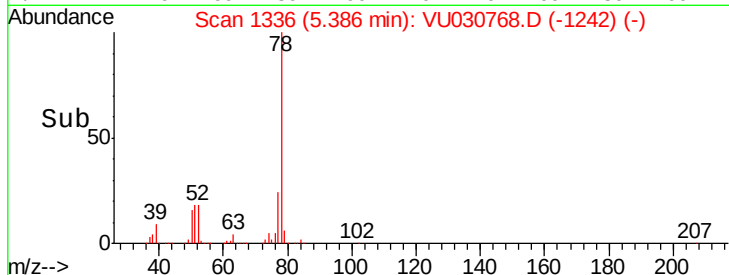
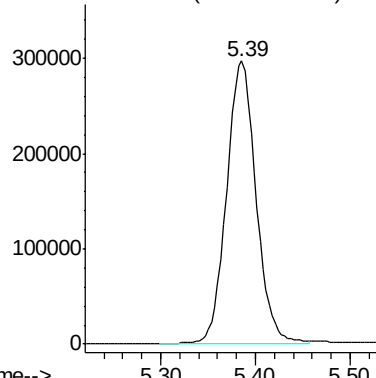
ClientSampleId :

ETJ58MSD

Tgt Ion: 78 Resp: 647333



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 1428.289 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030768.D

Acq: 06 Apr 2019 01:49

Tgt Ion: 95 Resp: 4720952

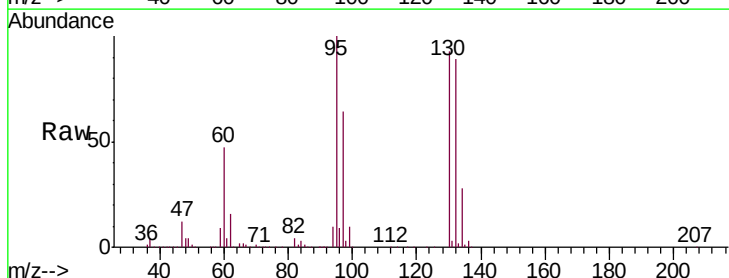
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.5	82.7
132	89.0	61.5	114.1
130	93.0	64.9	120.5

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

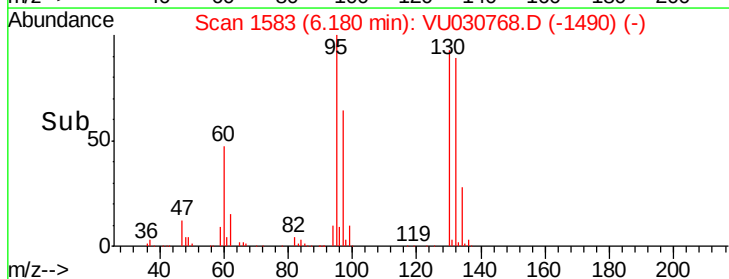
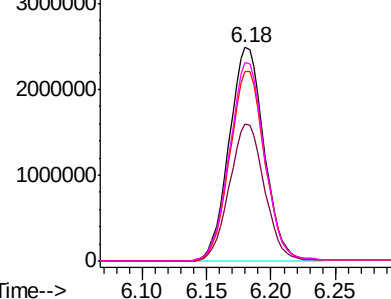


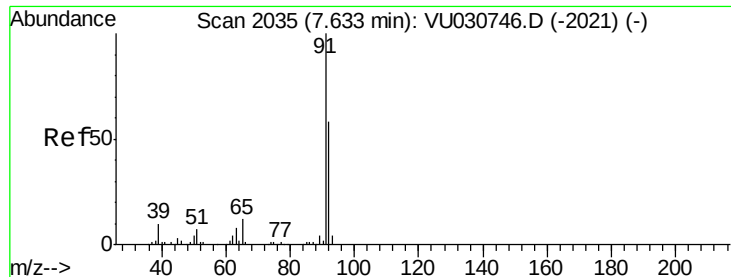
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#42

Toluene

Concen: 44.996 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030768.D

Acq: 06 Apr 2019 01:49

Instrument :

MSVOA_U

ClientSampleId :

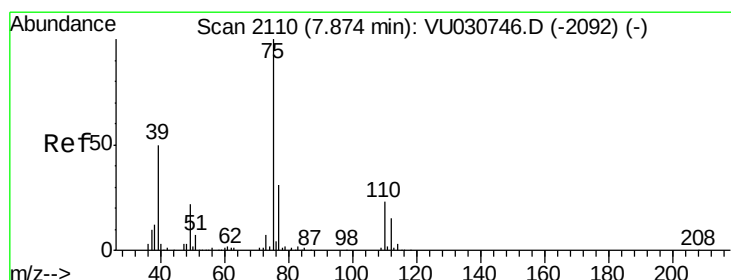
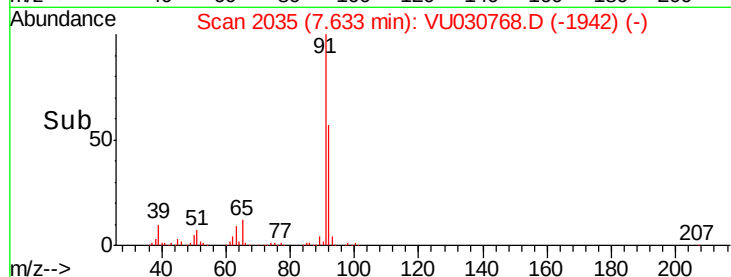
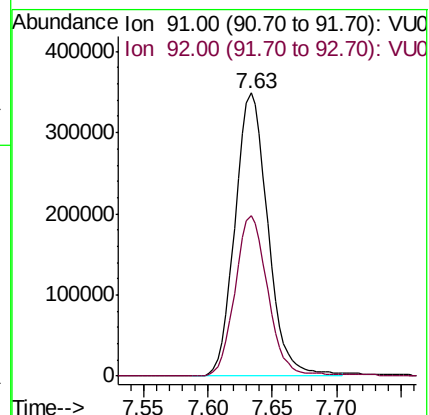
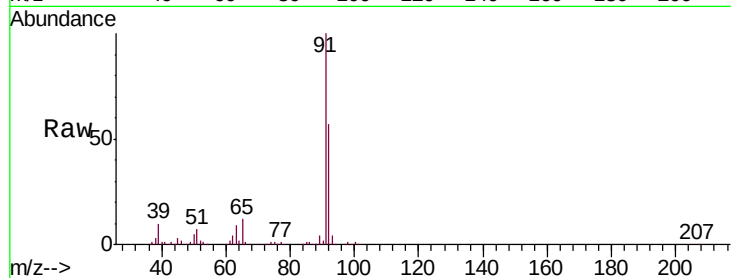
ETJ58MSD

Tgt Ion: 91 Resp: 618977

Ion Ratio Lower Upper

91 100

92 56.7 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 0.765 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU030768.D

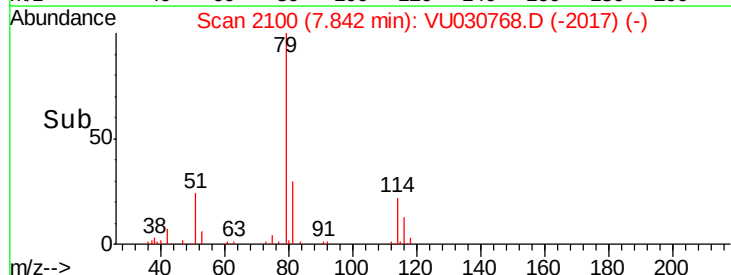
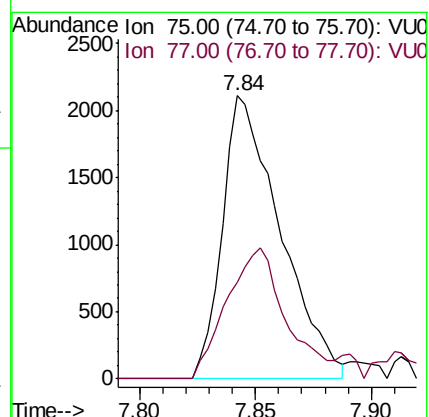
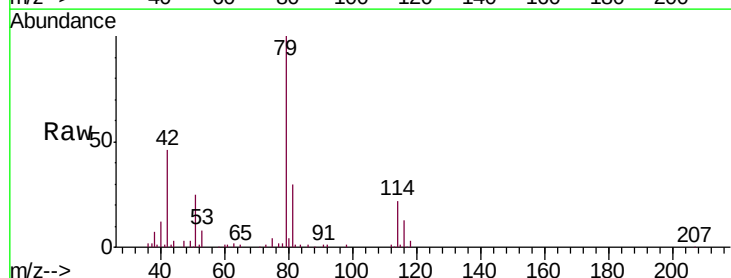
Acq: 06 Apr 2019 01:49

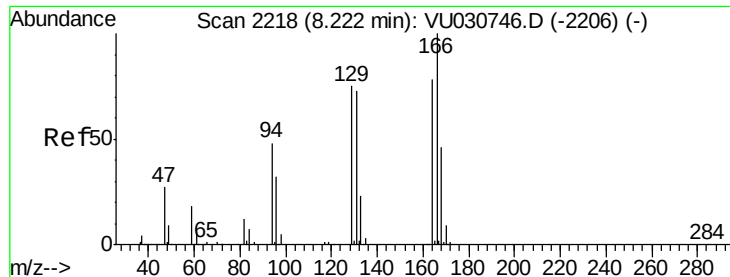
Tgt Ion: 75 Resp: 3661

Ion Ratio Lower Upper

75 100

77 34.1 21.6 40.0





#46

Tetrachloroethene

Concen: 8.584 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030768.D

Acq: 06 Apr 2019 01:49

Instrument :

MSVOA_U

ClientSampleId :

ETJ58MSD

Tgt Ion:164 Resp: 20628

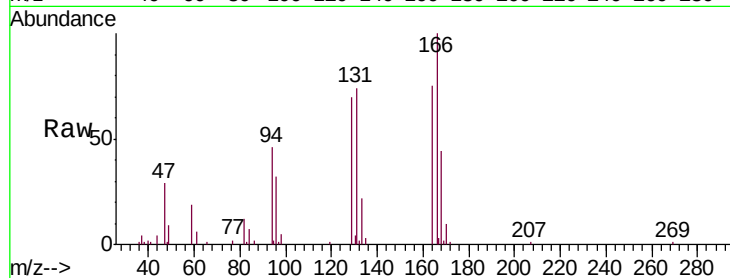
Ion Ratio Lower Upper

164 100

129 93.6 67.4 125.2

131 98.3 65.9 122.5

166 133.7 88.6 164.6

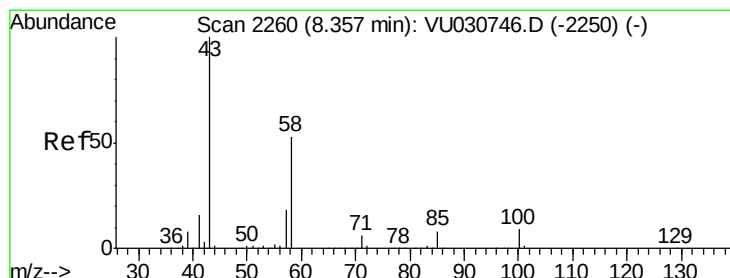
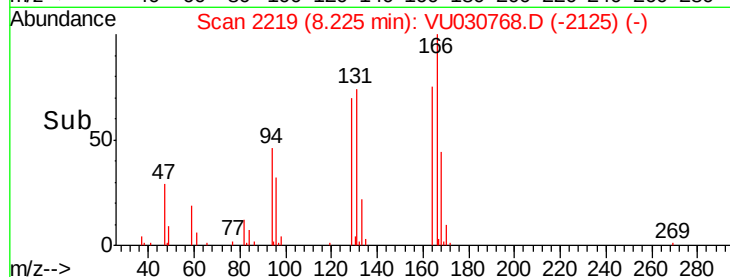
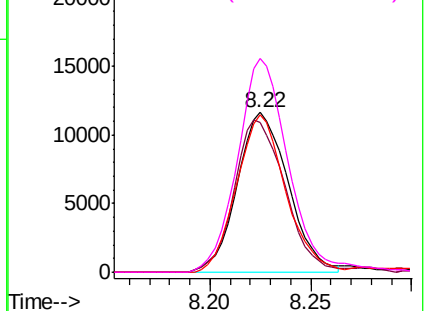


Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.372 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU030768.D

Acq: 06 Apr 2019 01:49

Tgt Ion: 43 Resp: 6568

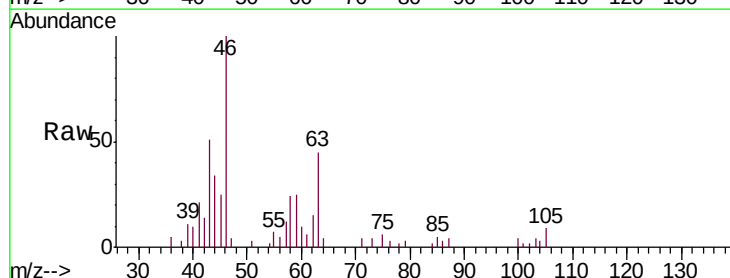
Ion Ratio Lower Upper

43 100

58 0.0 41.9 62.9#

57 0.0 14.3 21.5#

100 2.6 7.1 10.7#

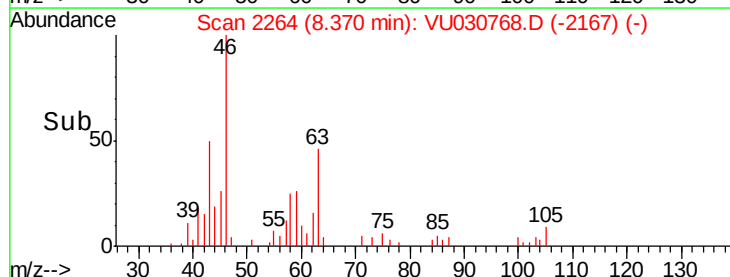
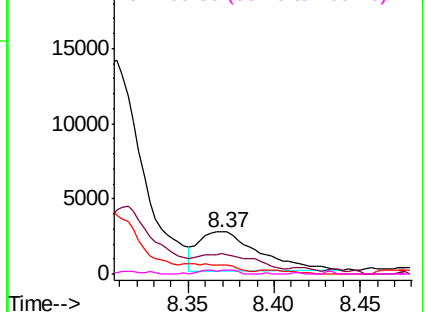


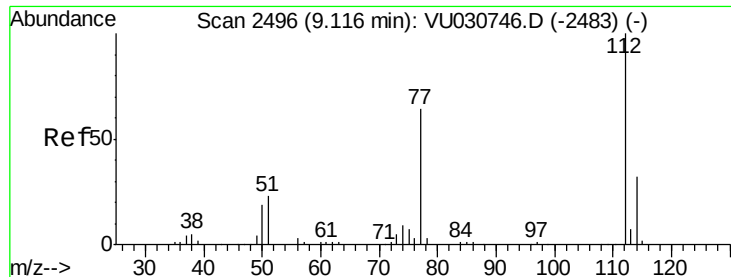
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#51

Chlorobenzene

Concen: 46.864 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU030768.D

Acq: 06 Apr 2019 01:49

Instrument :

MSVOA_U

ClientSampleId :

ETJ58MSD

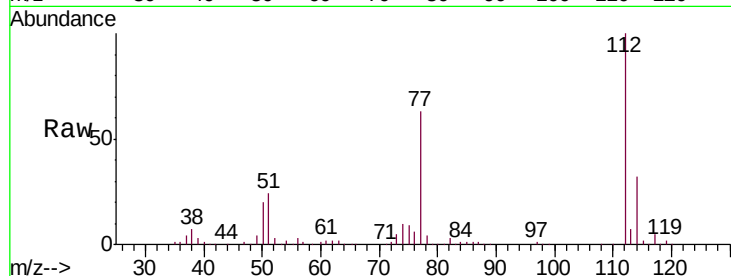
Tgt Ion: 112 Resp: 395392

Ion Ratio Lower Upper

112 100

114 31.6 22.2 41.2

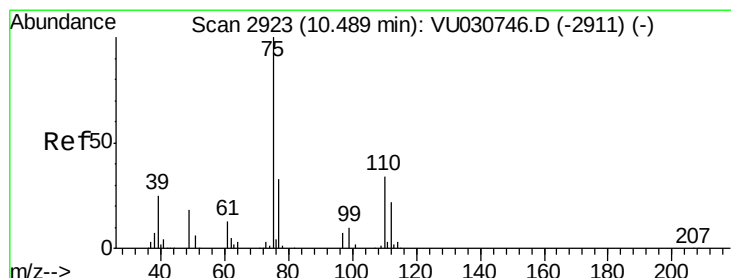
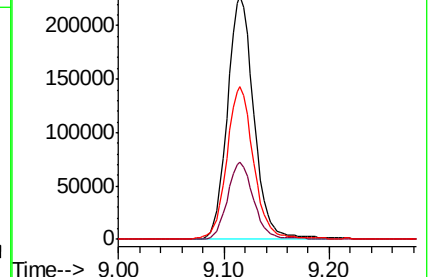
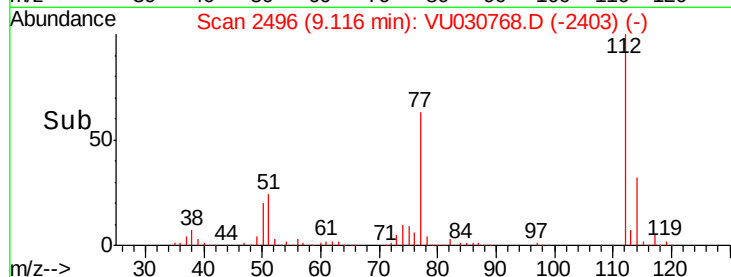
77 62.7 51.7 77.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU



#59

1,2,3-Trichloropropane

Concen: 4.882 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030768.D

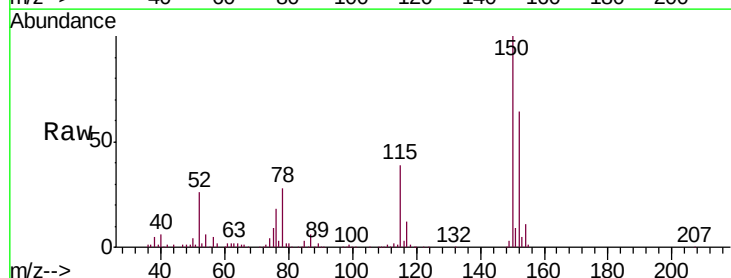
Acq: 06 Apr 2019 01:49

Tgt Ion: 75 Resp: 22310

Ion Ratio Lower Upper

75 100

77 33.4 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

