

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030709.D
 Acq On : 05 Apr 2019 01:31
 Operator : JC/SP
 Sample : K2277-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2Q8

Quant Time: Apr 05 02:23:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	526673	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	515684	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219801	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	251880	53.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.14%
7) Chloroethane-d5	1.68	69	192474	53.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.88%
11) 1,1-Dichloroethene-d2	2.27	63	339381	39.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.82%
21) 2-Butanone-d5	4.17	46	373405	100.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.21%
24) Chloroform-d	4.64	84	358274	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
26) 1,2-Dichloroethane-d4	5.31	65	246646	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
32) Benzene-d6	5.34	84	777041	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.24%
36) 1,2-Dichloropropane-d6	6.32	67	264818	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.66%
41) Toluene-d8	7.56	98	672700	50.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.82%
43) trans-1,3-Dichloropropene-	7.85	79	111885	47.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.12%
47) 2-Hexanone-d5	8.31	63	221624	93.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	336756	48.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	228135	52.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.56%

Target Compounds

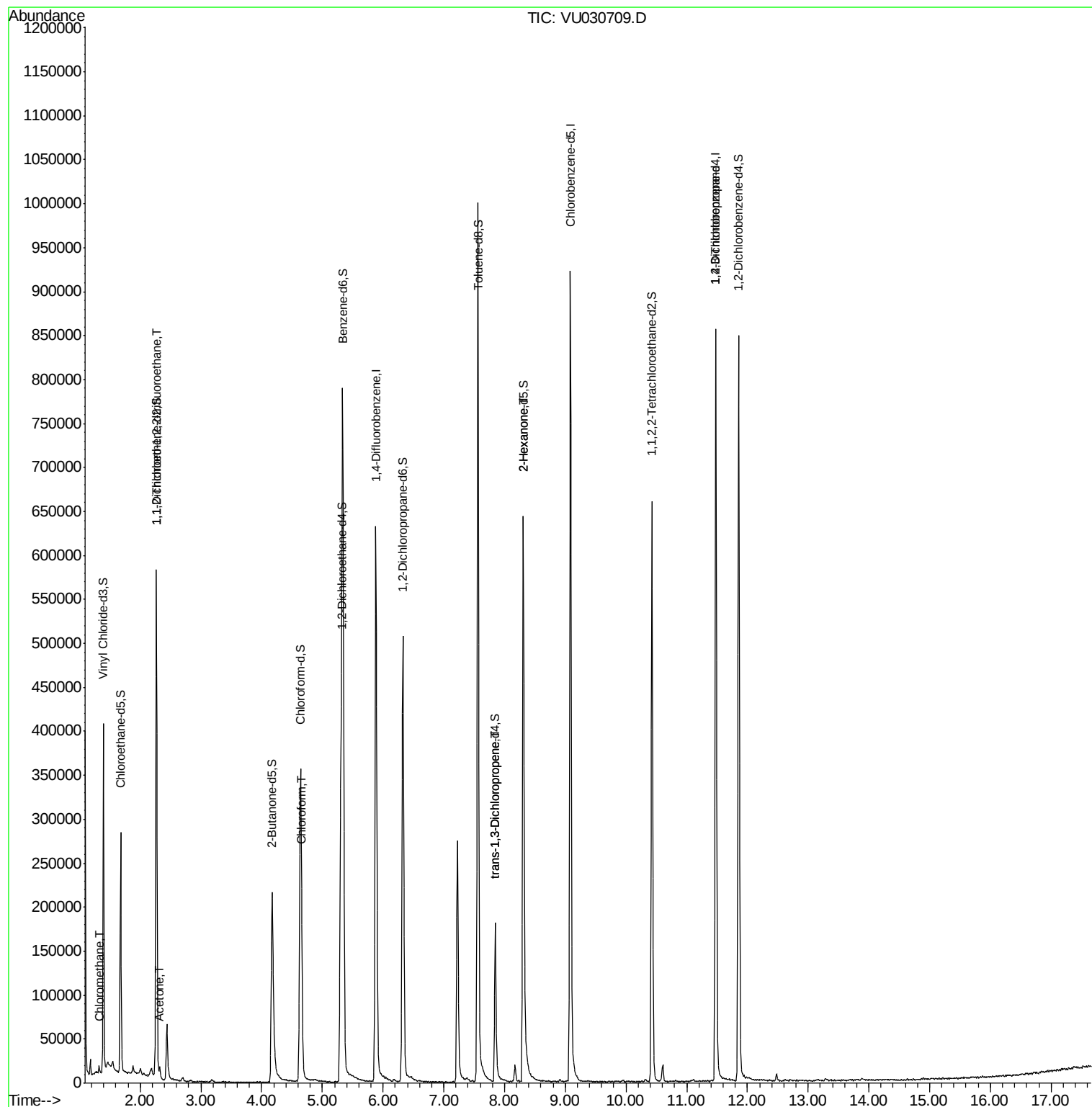
					Ovalue
3) Chloromethane	1.32	50	5287	0.884 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2891	0.767 ug/L #	21
13) Acetone	2.32	43	10765	2.823 ug/L	95
25) Chloroform	4.67	83	16525	2.061 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	4471	0.746 ug/L	97
48) 2-Hexanone	8.31	43	28198	4.704 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	28496	4.979 ug/L	97

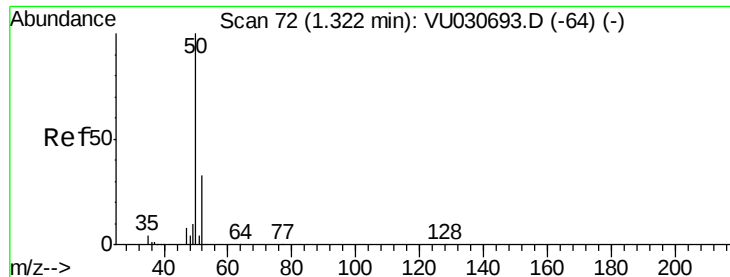
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.884 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU030709.D

Acq: 05 Apr 2019 01:31

Instrument :

MSVOA_U

ClientSampleId :

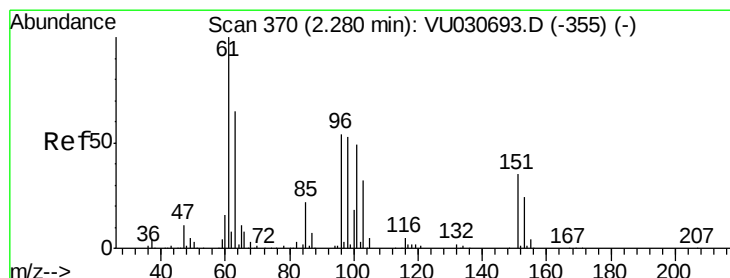
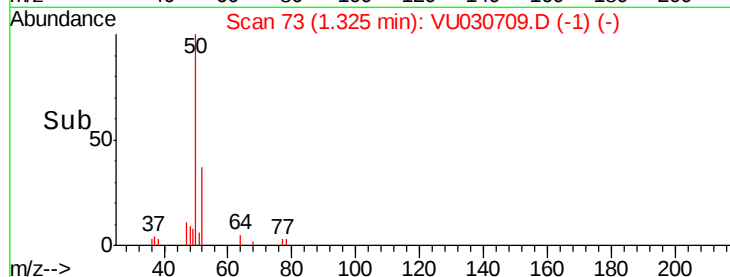
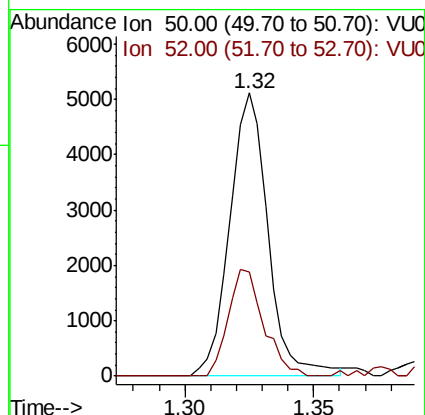
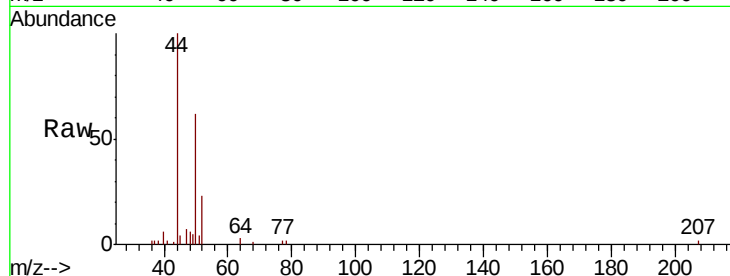
BF2Q8

Tot Ion: 50 Resp: 5287

Ion Ratio Lower Upper

50 100

52 36.7 22.7 42.1



#10

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

Concen: 0.767 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030709.D

Acq: 05 Apr 2019 01:31

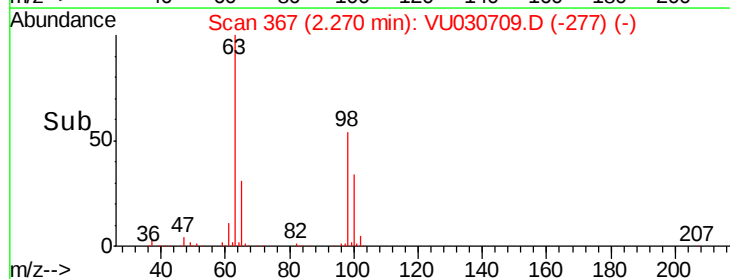
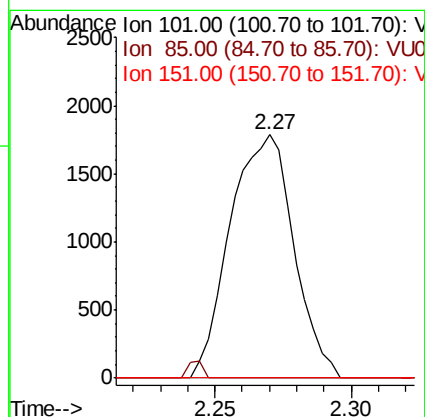
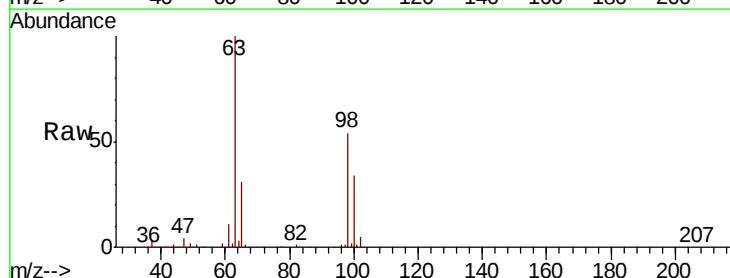
Tgt Ion: 101 Resp: 2891

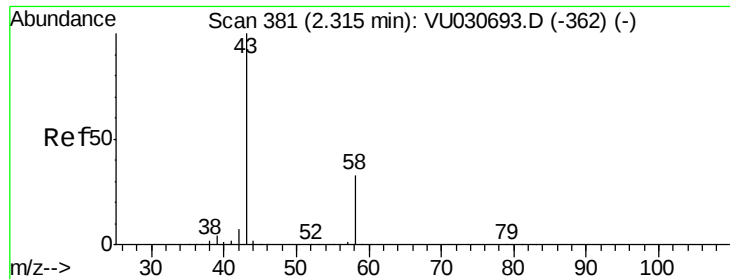
Ion Ratio Lower Upper

101 100

85 1.6 36.8 55.2#

151 0.0 57.4 86.0#





#13

Acetone

Concen: 2.823 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030709.D

Acq: 05 Apr 2019 01:31

Instrument :

MSVOA_U

ClientSampleId :

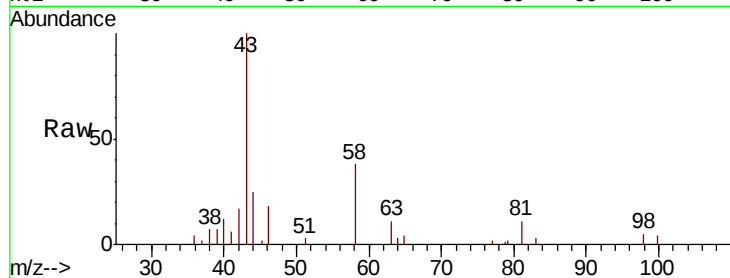
BF2Q8

Tot Ion: 43 Resp: 10765

Ion Ratio Lower Upper

43 100

58 34.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030709.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030709.D (-362) (-)

2.32

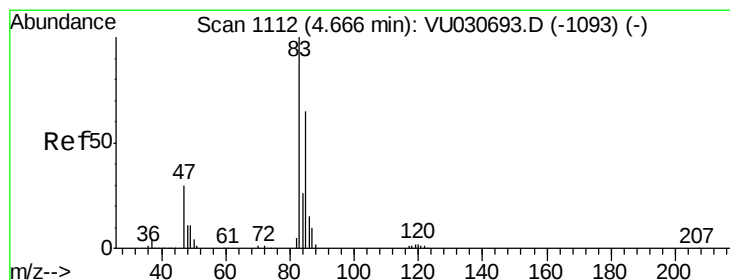
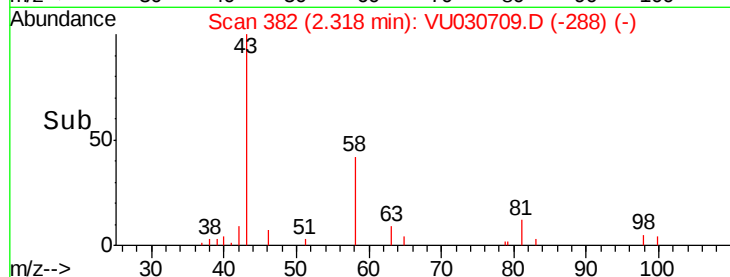
6000

4000

2000

0

Time--> 2.25 2.30 2.35



#25

Chloroform

Concen: 2.061 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030709.D

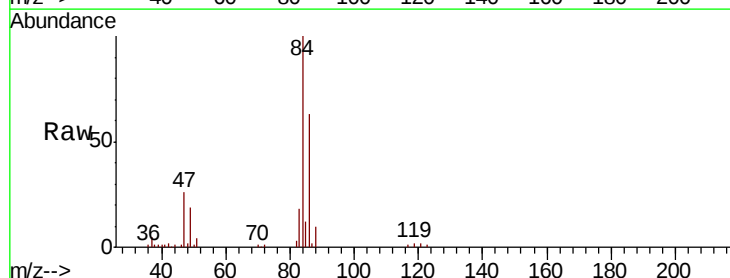
Acq: 05 Apr 2019 01:31

Tgt Ion: 83 Resp: 16525

Ion Ratio Lower Upper

83 100

85 67.3 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030709.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU030709.D (-1093) (-)

4.67

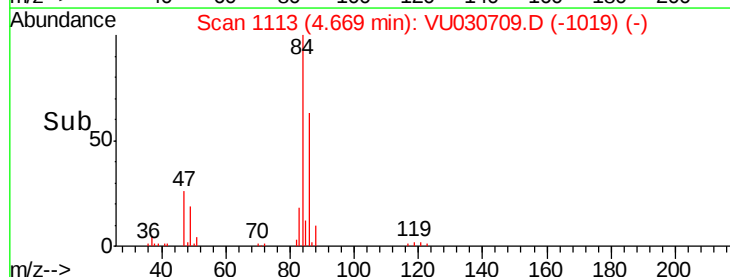
6000

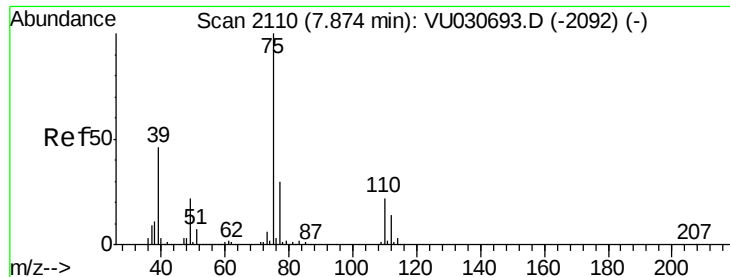
4000

2000

0

Time--> 4.60 4.65 4.70 4.75





#44

trans-1,3-Dichloropropene

Concen: 0.746 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030709.D

Acq: 05 Apr 2019 01:31

Instrument :

MSVOA_U

ClientSampleId :

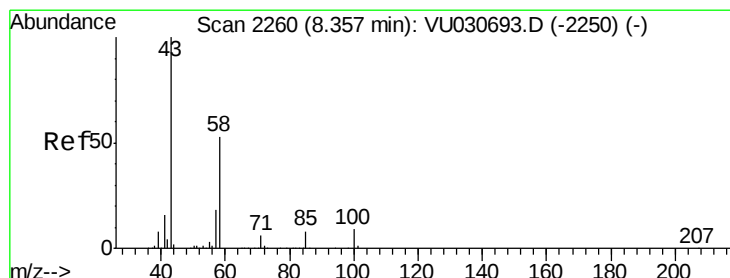
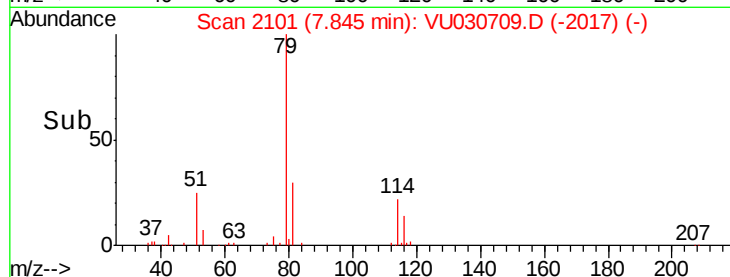
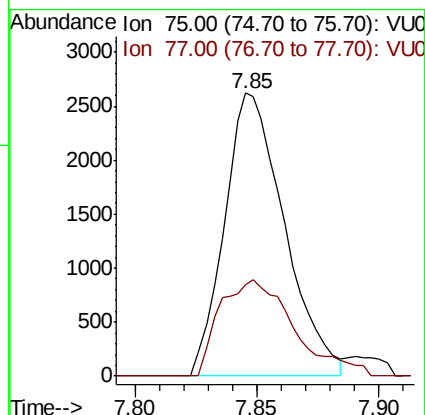
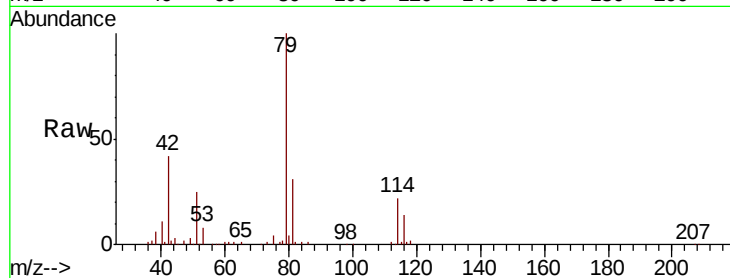
BF2Q8

Tot Ion: 75 Resp: 4471

Ion Ratio Lower Upper

75 100

77 32.4 21.6 40.0



#48

2-Hexanone

Concen: 4.704 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU030709.D

Acq: 05 Apr 2019 01:31

Tgt Ion: 43 Resp: 28198

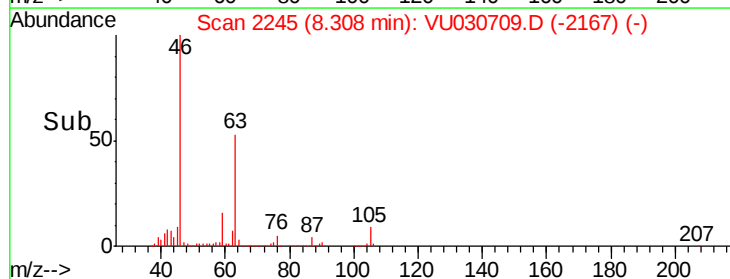
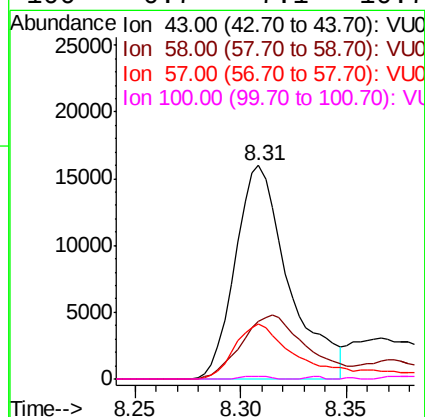
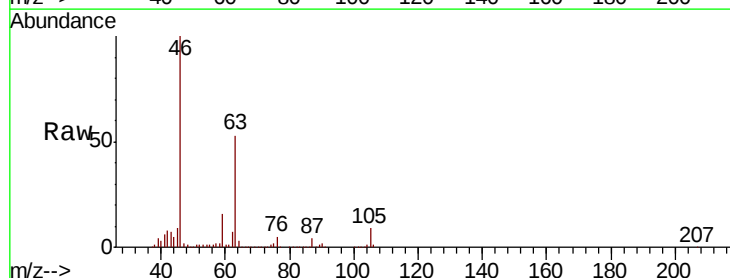
Ion Ratio Lower Upper

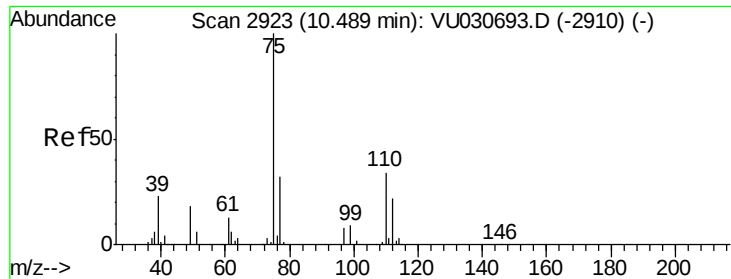
43 100

58 36.3 41.9 62.9#

57 28.6 14.3 21.5#

100 0.7 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.979 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030709.D

Acq: 05 Apr 2019 01:31

Instrument :

MSVOA_U

ClientSampleId :

BF2Q8

Tot Ion: 75 Resp: 28496

Ion Ratio Lower Upper

75 100

77 34.5 26.1 39.1

