

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030706.D
 Acq On : 05 Apr 2019 00:23
 Operator : JC/SP
 Sample : K2246-11 5X
 Misc : 4.95g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1J9

Quant Time: Apr 05 02:23:17 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	570961	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	542672	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	242368	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	220378	43.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.48%
7) Chloroethane-d5	1.65	69	168680	43.60	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.26	63	302463	32.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.62%
21) 2-Butanone-d5	4.17	46	378457	93.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.69%
24) Chloroform-d	4.64	84	330599	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.92%
26) 1,2-Dichloroethane-d4	5.30	65	235646	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.72%
32) Benzene-d6	5.33	84	729346	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
36) 1,2-Dichloropropane-d6	6.32	67	251641	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.70%
41) Toluene-d8	7.56	98	633755	45.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.26%
43) trans-1,3-Dichloropropene-	7.85	79	108554	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.70%
47) 2-Hexanone-d5	8.31	63	242898	97.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	331785	45.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	220543	46.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.54%

Target Compounds

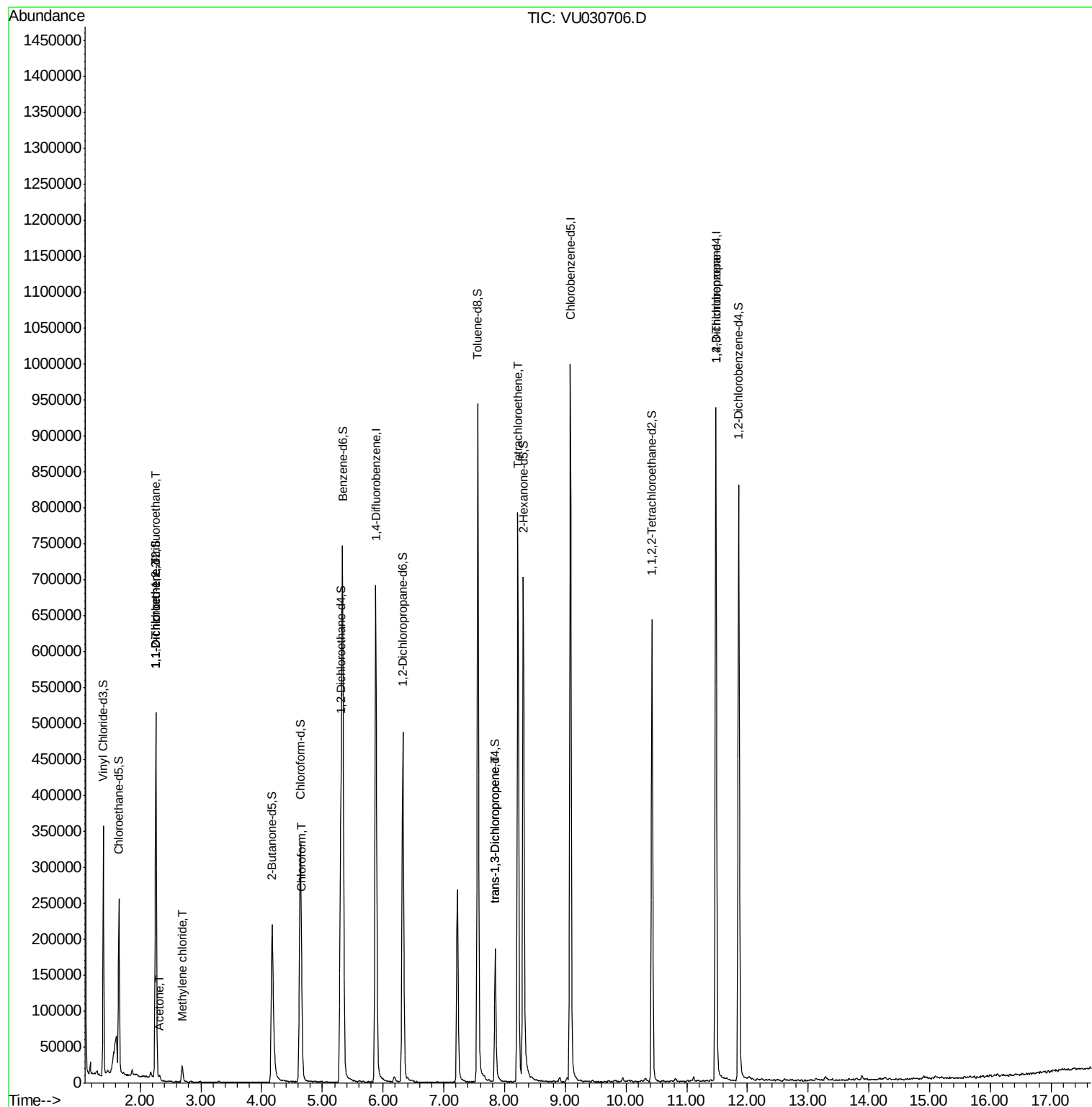
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2669	0.653 ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2360	0.598 ug/L #	1
13) Acetone	2.32	43	2107	0.510 ug/L	83
16) Methylene chloride	2.69	84	9262	1.932 ug/L	97
25) Chloroform	4.67	83	19983	2.299 ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	4618	0.732 ug/L	96
46) Tetrachloroethene	8.22	164	175739	55.497 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	30805	5.115 ug/L	92

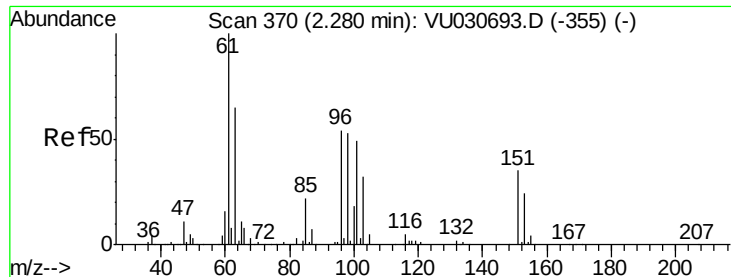
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040519\
Data File : VU030706.D
Acq On : 05 Apr 2019 00:23
Operator : JC/SP
Sample : K2246-11 5X
Misc : 4.95µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1J9

Quant Time: Apr 05 02:23:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.653 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU030706.D

Acq: 05 Apr 2019 00:23

Instrument :

MSVOA_U

ClientSampled :

BF1J9

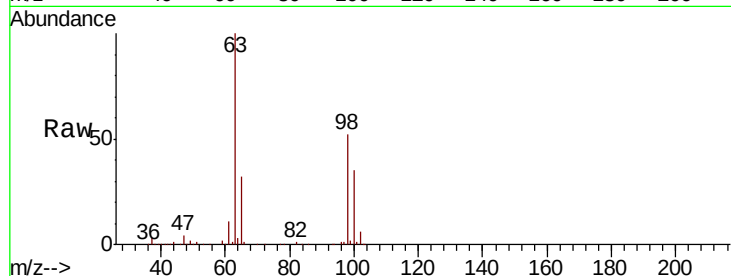
Tot Ion:101 Resp: 2669

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

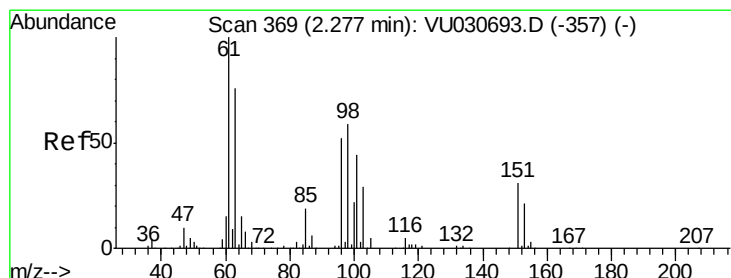
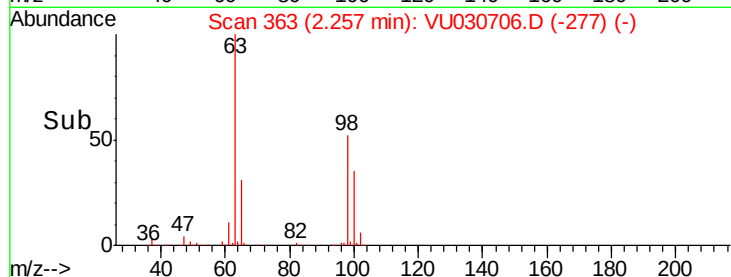
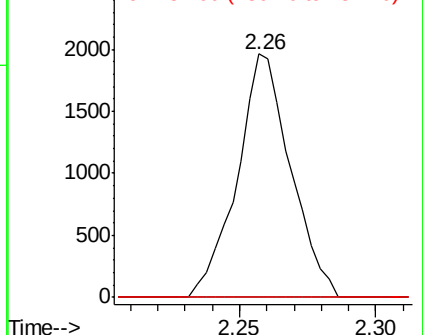
151 0.0 57.4 86.0#



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: 0.598 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU030706.D

Acq: 05 Apr 2019 00:23

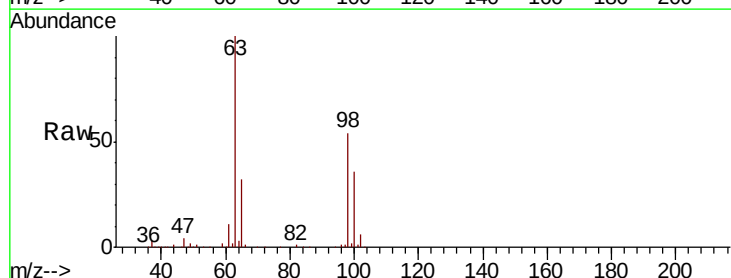
Tgt Ion: 96 Resp: 2360

Ion Ratio Lower Upper

96 100

61 1282.4 132.0 245.2#

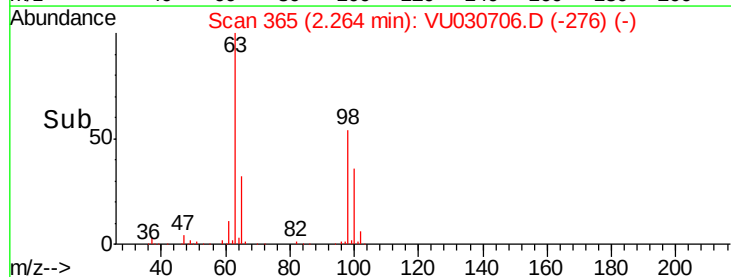
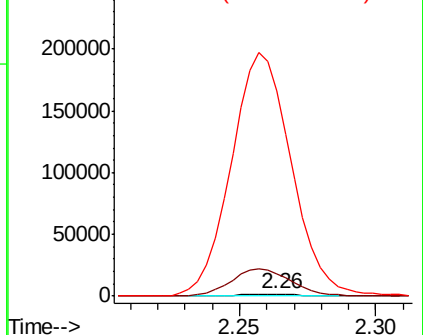
63 11498.7 90.9 168.9#

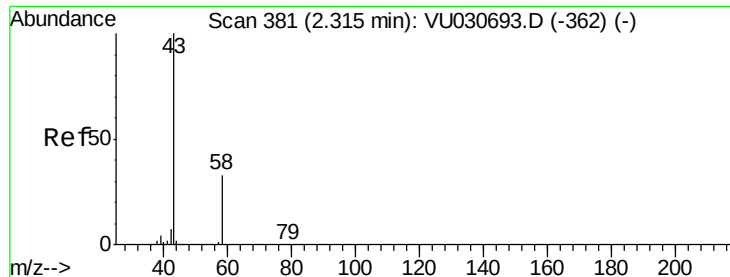


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.510 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU030706.D

Acq: 05 Apr 2019 00:23

Instrument :

MSVOA_U

ClientSampleId :

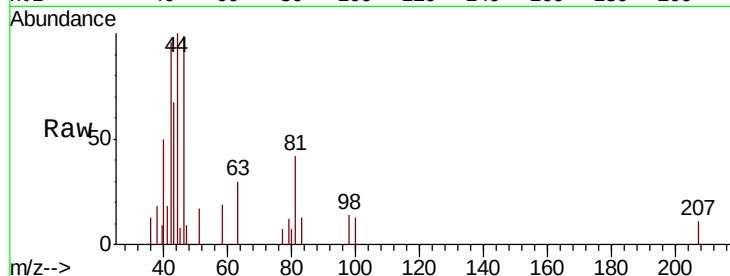
BF1J9

Tot Ion: 43 Resp: 2107

Ion Ratio Lower Upper

43 100

58 22.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030706.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030706.D (-362) (-)

2.32

1200

1000

800

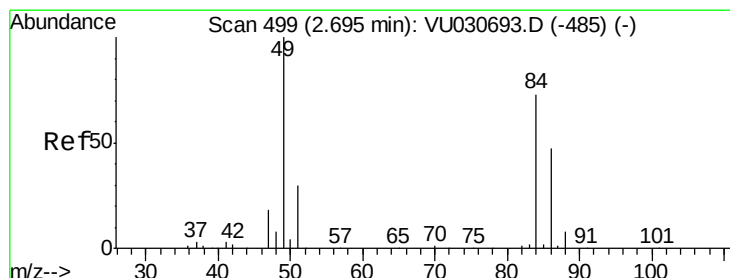
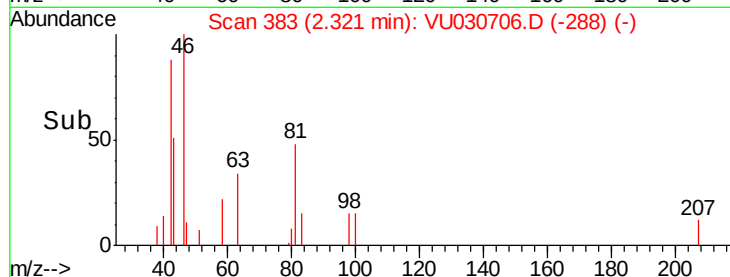
600

400

200

0

Time--> 2.25 2.30 2.35



#16

Methylene chloride

Concen: 1.932 ug/L

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU030706.D

Acq: 05 Apr 2019 00:23

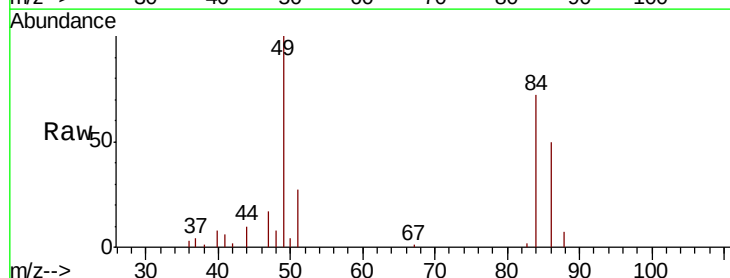
Tgt Ion: 84 Resp: 9262

Ion Ratio Lower Upper

84 100

86 70.2 45.1 83.7

49 139.1 96.5 179.1



Abundance Ion 84.00 (83.70 to 84.70): VU030706.D (-485) (-)

Ion 86.00 (85.70 to 86.70): VU030706.D (-485) (-)

Ion 49.00 (48.70 to 49.70): VU030706.D (-485) (-)

10000

8000

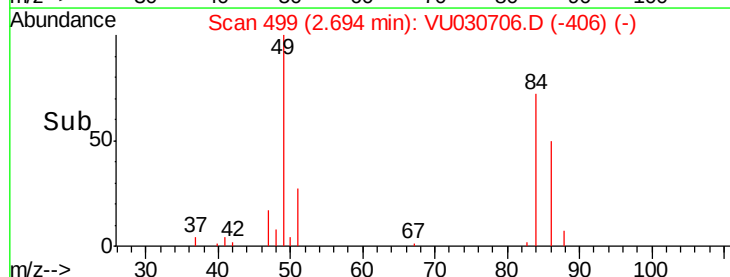
6000

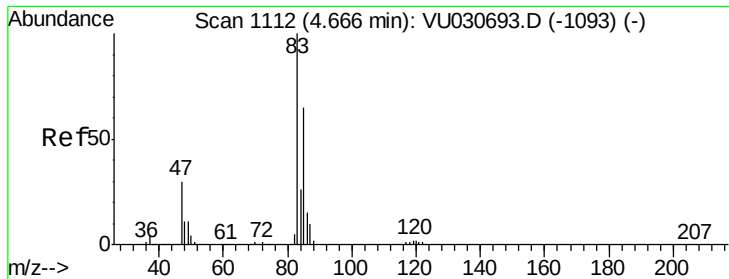
4000

2000

0

Time--> 2.65 2.70 2.75

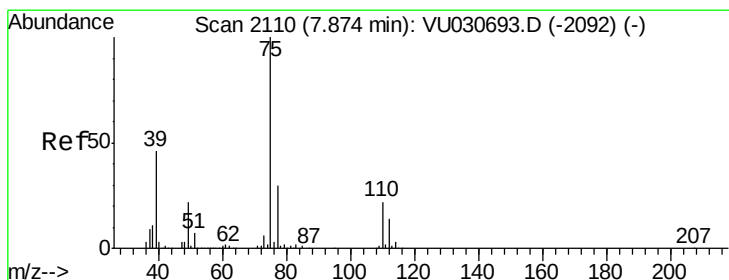
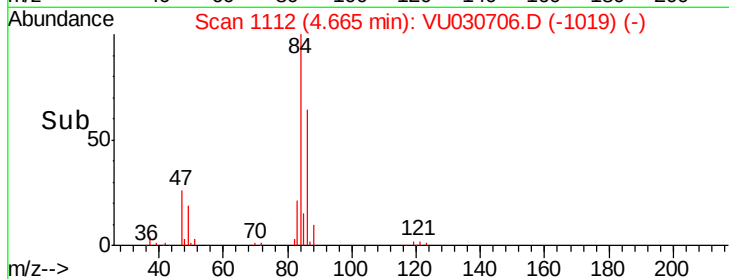
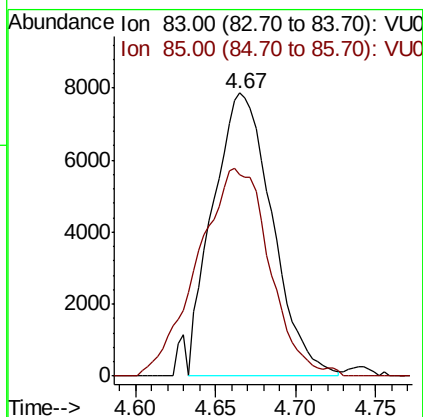
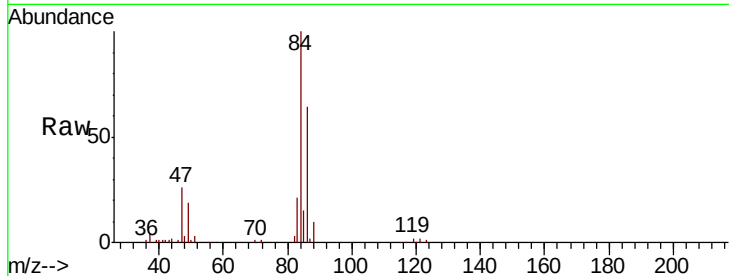




#25
Chloroform
Concen: 2.299 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030706.D
Acq: 05 Apr 2019 00:23

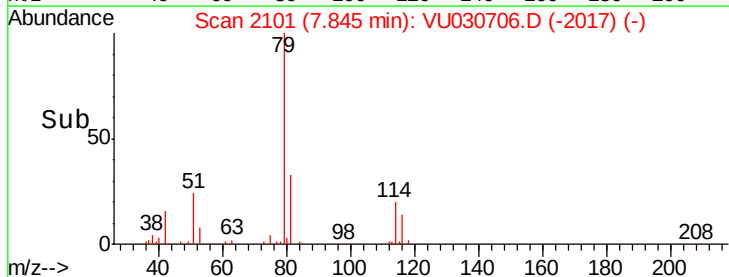
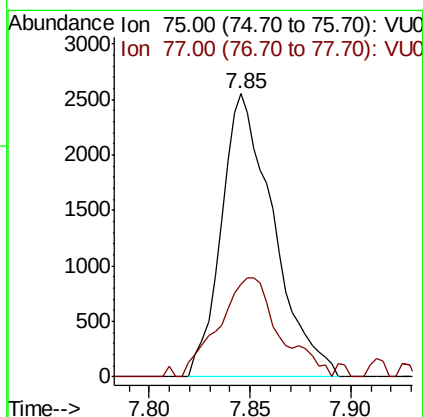
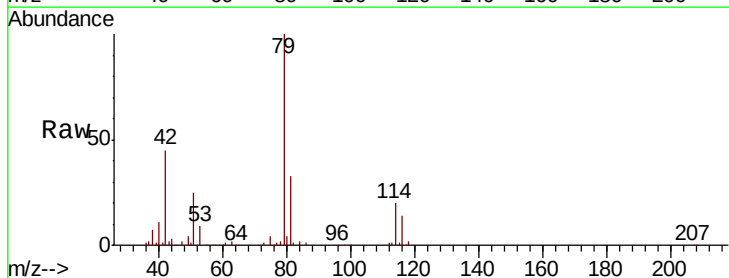
Instrument :
MSVOA_U
ClientSampleId :
BF1J9

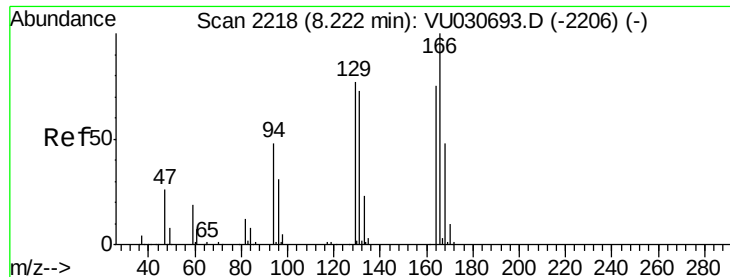
Tot Ion: 83 Resp: 19983
Ion Ratio Lower Upper
83 100
85 71.3 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.732 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030706.D
Acq: 05 Apr 2019 00:23

Tgt Ion: 75 Resp: 4618
Ion Ratio Lower Upper
75 100
77 32.9 21.6 40.0





#46

Tetrachloroethene

Concen: 55.497 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030706.D

Acq: 05 Apr 2019 00:23

Instrument :

MSVOA_U

ClientSampleId :

BF1J9

Tot Ion:164 Resp: 175739

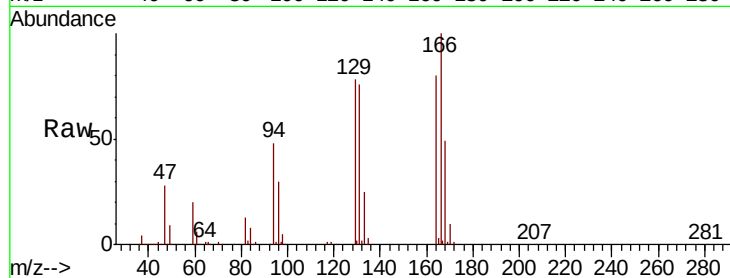
Ion Ratio Lower Upper

164 100

129 97.8 67.4 125.2

131 95.7 65.9 122.5

166 125.7 88.6 164.6

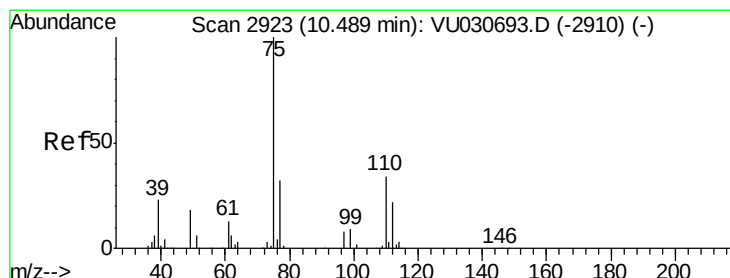
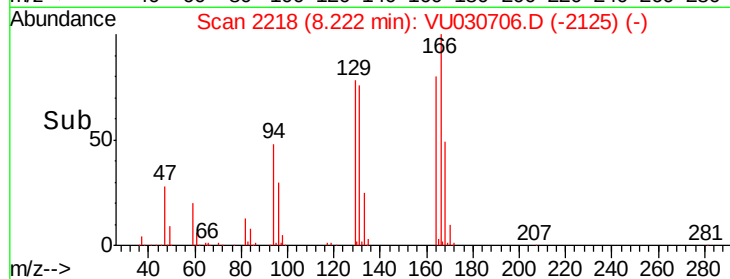
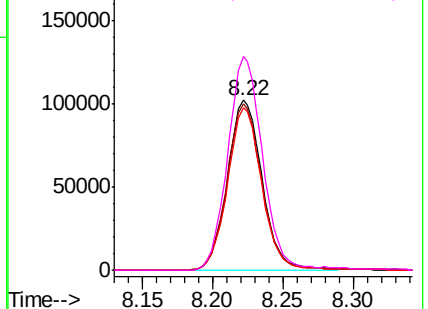


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.115 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030706.D

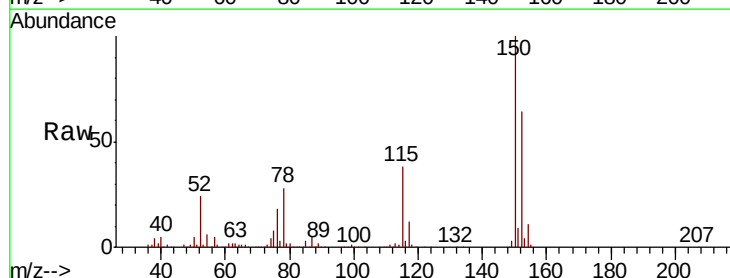
Acq: 05 Apr 2019 00:23

Tgt Ion: 75 Resp: 30805

Ion Ratio Lower Upper

75 100

77 37.0 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

