

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030707.D
 Acq On : 05 Apr 2019 00:45
 Operator : JC/SP
 Sample : K2246-04 5X
 Misc : 5.41g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF151

Quant Time: Apr 05 02:23:25 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	530964	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	514297	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228731	50.00	ug/L	0.00

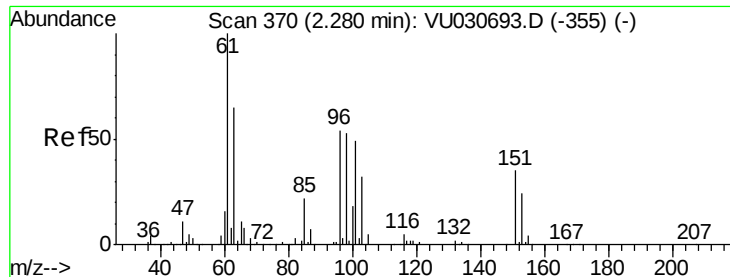
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	214943	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.70%
7) Chloroethane-d5	1.65	69	167319	46.51	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.02%
11) 1,1-Dichloroethene-d2	2.26	63	301640	35.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.38%
21) 2-Butanone-d5	4.17	46	375109	99.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.85%
24) Chloroform-d	4.64	84	316125	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	5.30	65	227881	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
32) Benzene-d6	5.33	84	699685	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.32	67	244973	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.22%
41) Toluene-d8	7.56	98	601485	45.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	104758	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.30%
47) 2-Hexanone-d5	8.31	63	239068	101.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	321157	46.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	215694	47.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.90%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2613	0.687 ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2171	0.592 ug/L #	1
16) Methylene chloride	2.69	84	6591	1.478 ug/L	85
25) Chloroform	4.67	83	23455	2.902 ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	4577	0.766 ug/L	99
46) Tetrachloroethene	8.22	164	176272	58.736 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	29291	5.132 ug/L	93

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



#10

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

Concen: 0.687 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

Lab File: VU030707.D

Acq: 05 Apr 2019 00:45

Instrument :

MSVOA_U

ClientSampleId :

BF151

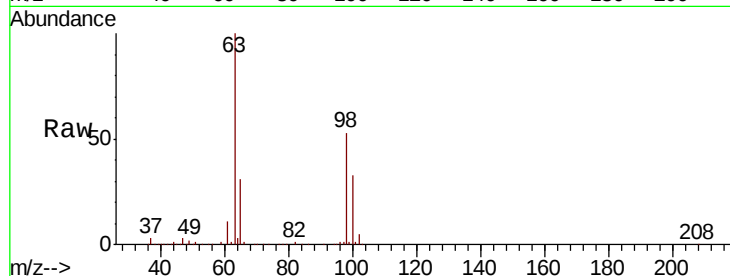
Tot Ion:101 Resp: 2613

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

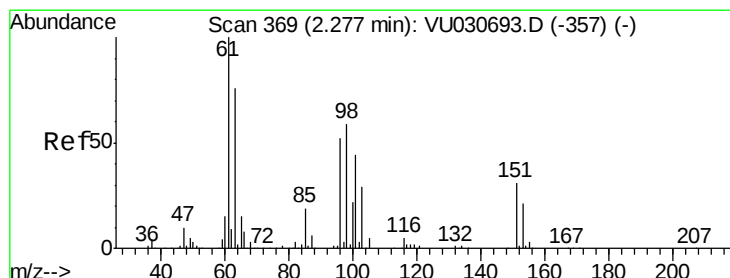
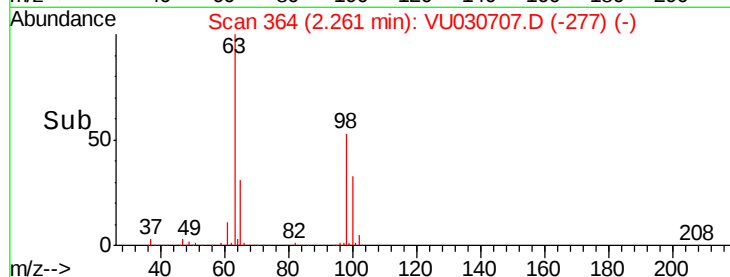
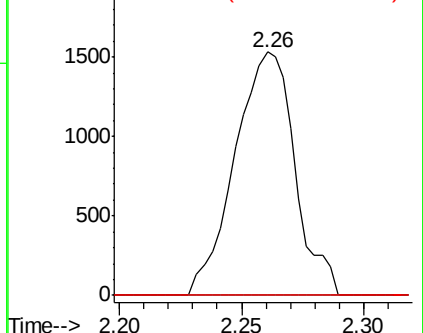
151 0.0 57.4 86.0#



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: 0.592 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

Lab File: VU030707.D

Acq: 05 Apr 2019 00:45

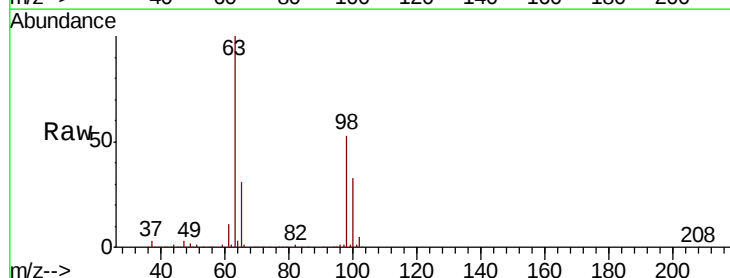
Tgt Ion: 96 Resp: 2171

Ion Ratio Lower Upper

96 100

61 1308.9 132.0 245.2#

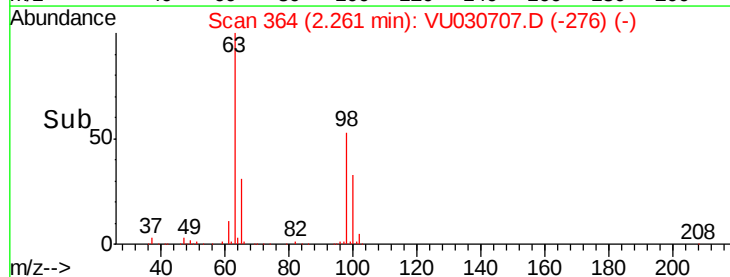
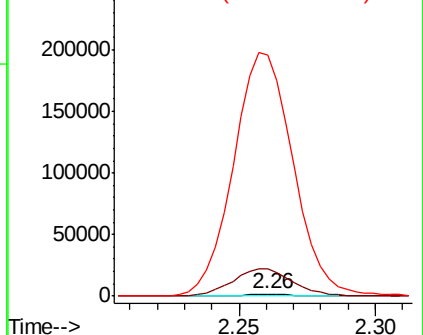
63 11834.4 90.9 168.9#

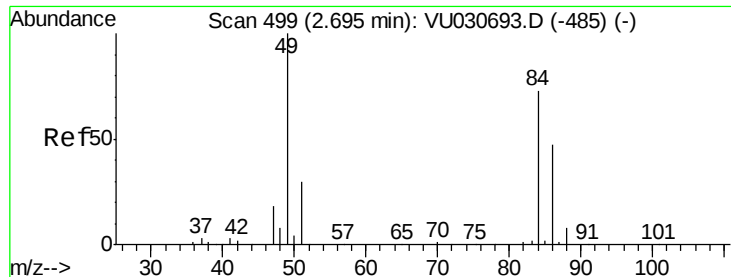


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

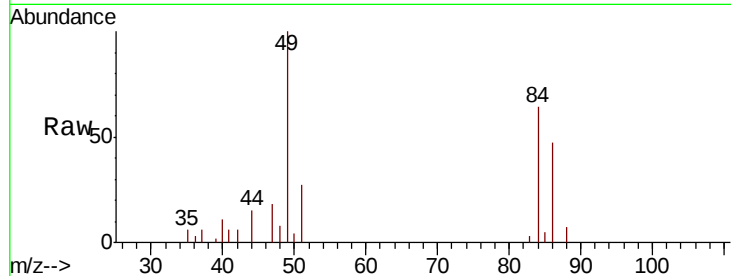




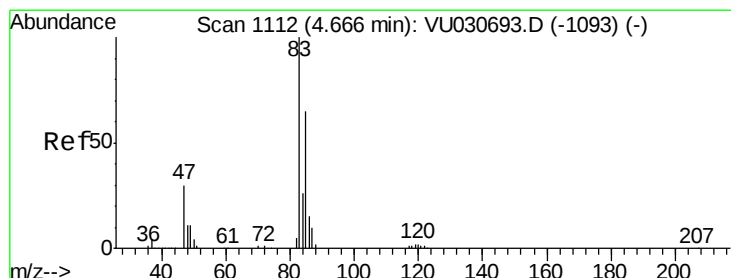
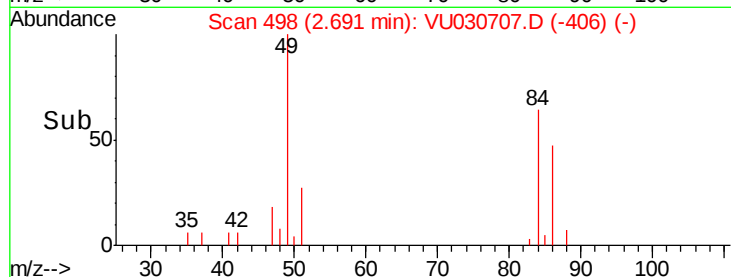
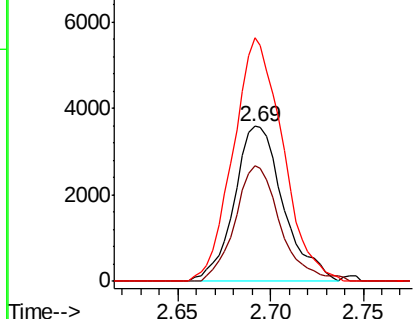
#16
Methvlene chloride
Concen: 1.478 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.00 min
Lab File: VU030707.D
Acq: 05 Apr 2019 00:45

Instrument :
MSVOA_U
ClientSampleId :
BF151

Tot Ion: 84 Resp: 6591
Ion Ratio Lower Upper
84 100
86 74.5 45.1 83.7
49 157.0 96.5 179.1

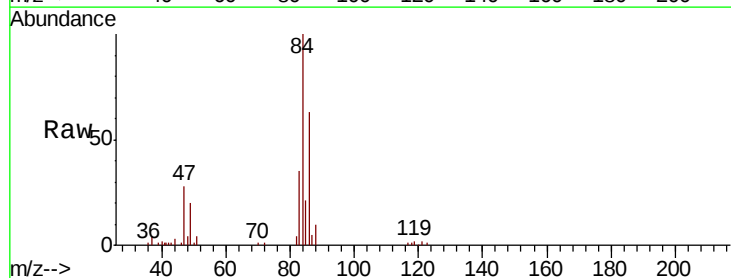


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

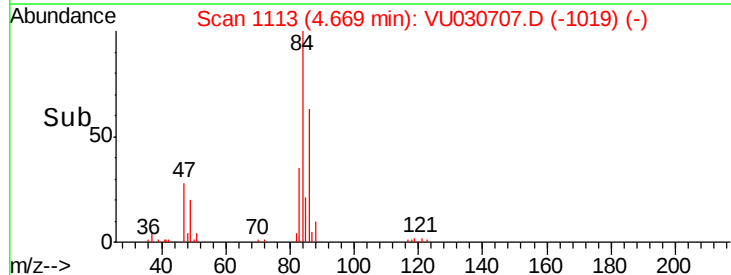
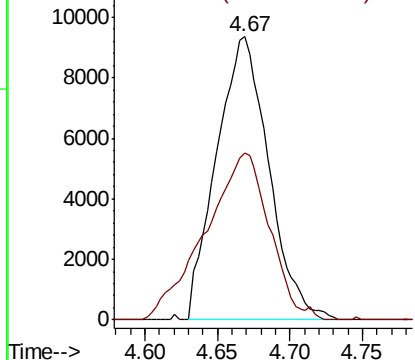


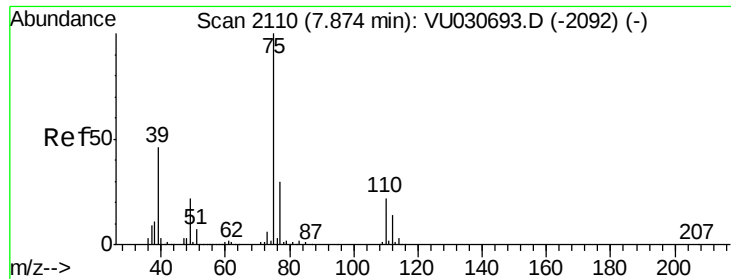
#25
Chloroform
Concen: 2.902 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030707.D
Acq: 05 Apr 2019 00:45

Tgt Ion: 83 Resp: 23455
Ion Ratio Lower Upper
83 100
85 59.0 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.766 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030707.D

Acq: 05 Apr 2019 00:45

Instrument :

MSVOA_U

ClientSampleId :

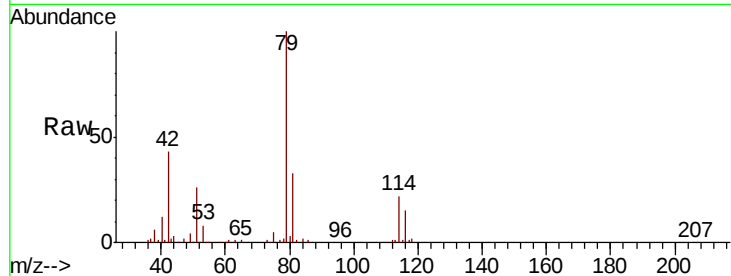
BF151

Tot Ion: 75 Resp: 4577

Ion Ratio Lower Upper

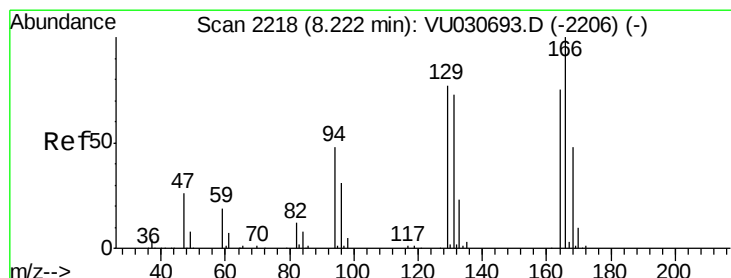
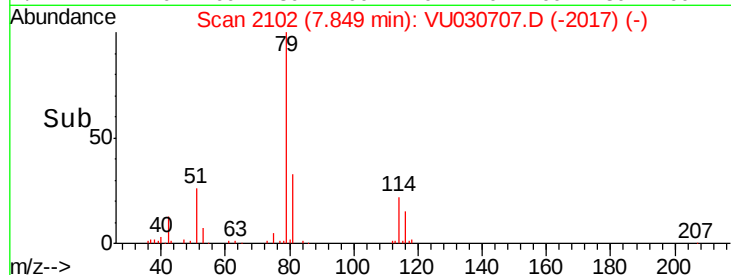
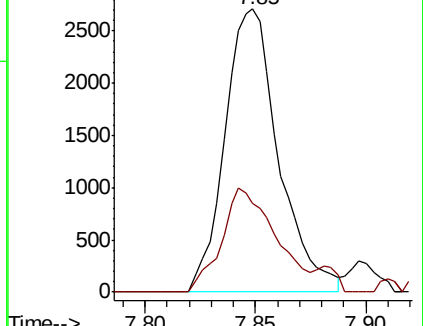
75 100

77 31.3 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU030707.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU030707.D (-2102) (-)



#46

Tetrachloroethene

Concen: 58.736 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU030707.D

Acq: 05 Apr 2019 00:45

Tgt Ion: 164 Resp: 176272

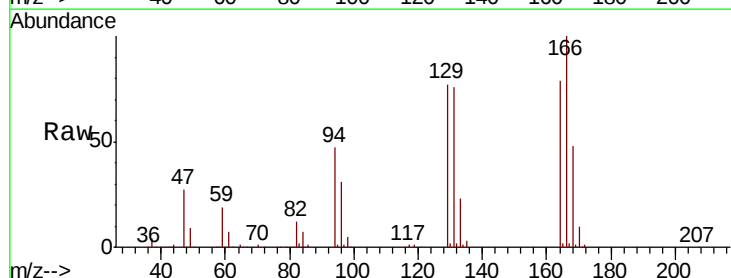
Ion Ratio Lower Upper

164 100

129 97.5 67.4 125.2

131 96.4 65.9 122.5

166 127.3 88.6 164.6

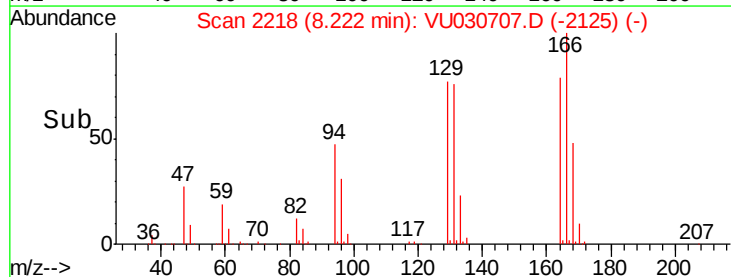
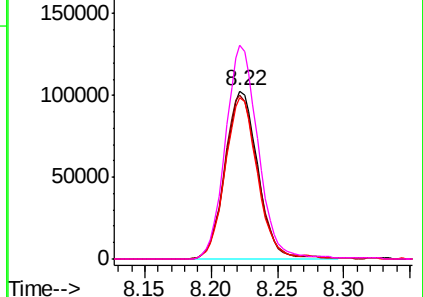


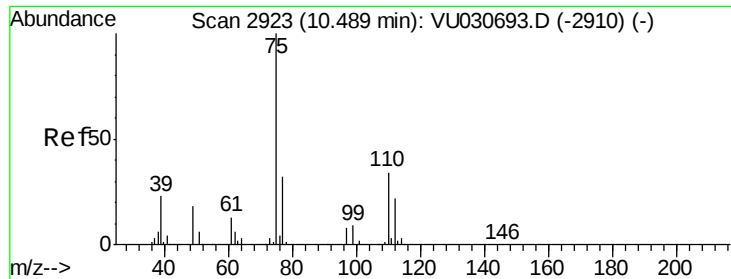
Abundance Ion 164.00 (163.70 to 164.70): VU030707.D (-2218) (-)

Ion 129.00 (128.70 to 129.70): VU030707.D (-2218) (-)

Ion 131.00 (130.70 to 131.70): VU030707.D (-2218) (-)

Ion 166.00 (165.70 to 166.70): VU030707.D (-2218) (-)





#59

1,2,3-Trichloropropane

Concen: 5.132 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030707.D

Acq: 05 Apr 2019 00:45

Instrument :

MSVOA_U

ClientSampleId :

BF151

Tot Ion: 75 Resp: 29291

Ion Ratio Lower Upper

75 100

77 36.6 26.1 39.1

