

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030704.D
 Acq On : 04 Apr 2019 23:37
 Operator : JC/SP
 Sample : K2246-05
 Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF152

Quant Time: Apr 05 02:23:00 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	527524	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	514526	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	255445	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	200868	42.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.32%
7) Chloroethane-d5	1.71	69	137	0.04	ug/L	0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.08%#
11) 1,1-Dichloroethene-d2	2.23	63	292102	34.30	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.60%
21) 2-Butanone-d5	4.19	46	338664	90.74	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.74%
24) Chloroform-d	4.64	84	312812	43.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.98%
26) 1,2-Dichloroethane-d4	5.30	65	222538	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
32) Benzene-d6	5.33	84	699704	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
36) 1,2-Dichloropropane-d6	6.32	67	237500	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.28%
41) Toluene-d8	7.56	98	612259	45.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.98%
43) trans-1,3-Dichloropropene-	7.85	79	105976	45.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.30%
47) 2-Hexanone-d5	8.32	63	250490	106.47	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	349762	50.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	235958	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%

Target Compounds

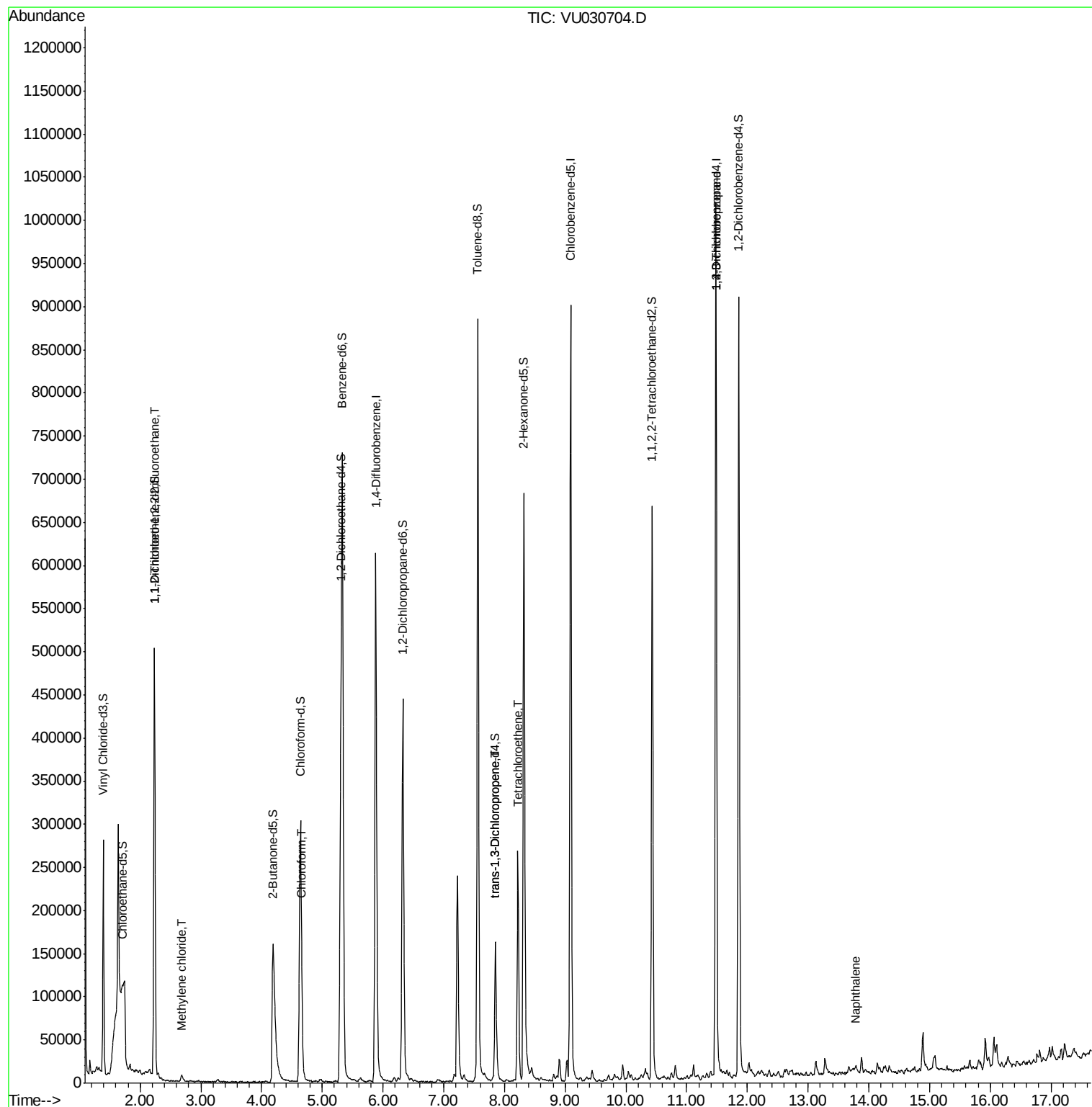
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2339	0.619 ug/L #	23
16) Methylene chloride	2.68	84	2604	0.588 ug/L	80
25) Chloroform	4.67	83	19256	2.398 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	4200	0.702 ug/L #	68
46) Tetrachloroethene	8.22	164	60040	19.997 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	33893	5.936 ug/L	95
69) Naphthalene	13.77	128	5722	0.352 ug/L #	92

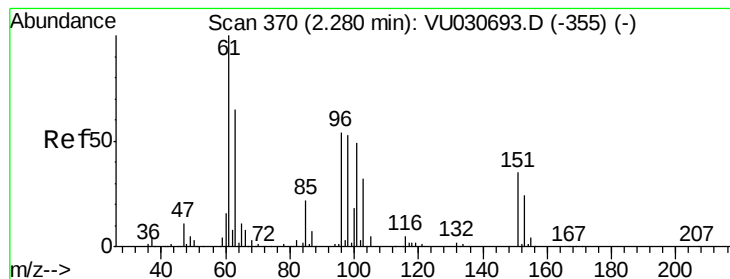
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.619 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.05 min

Lab File: VU030704.D

Acq: 04 Apr 2019 23:37

Instrument :

MSVOA_U

ClientSampleId :

BF152

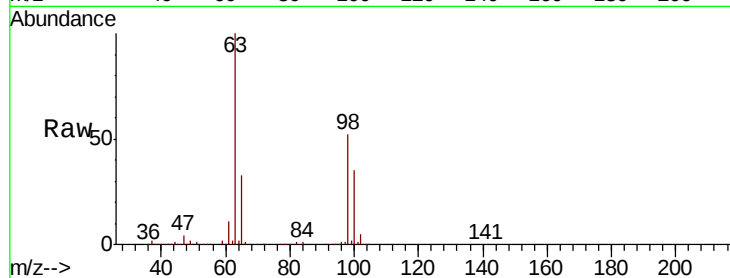
Tot Ion:101 Resp: 2339

Ion Ratio Lower Upper

101 100

85 2.1 36.8 55.2#

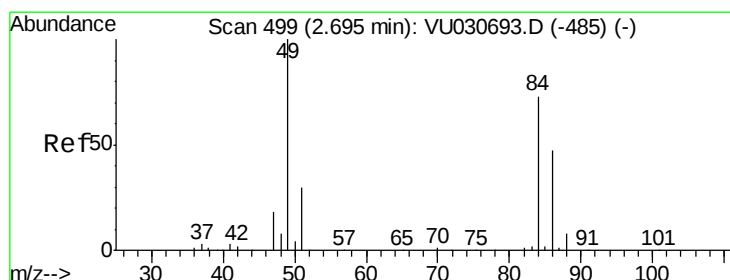
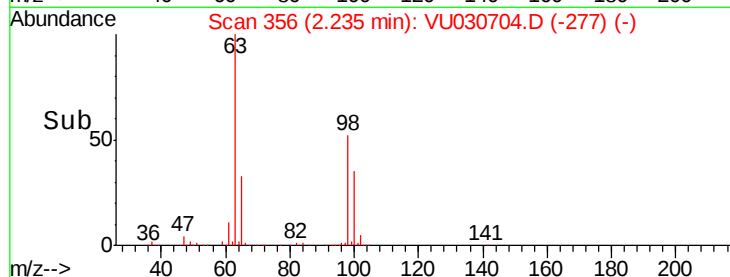
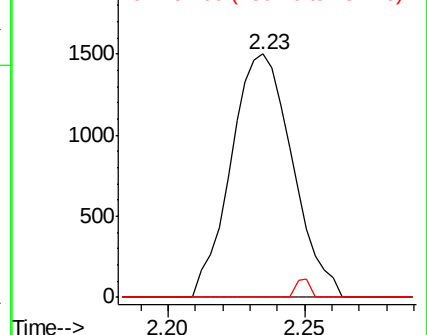
151 1.8 57.4 86.0#



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



#16

Methylene chloride

Concen: 0.588 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.01 min

Lab File: VU030704.D

Acq: 04 Apr 2019 23:37

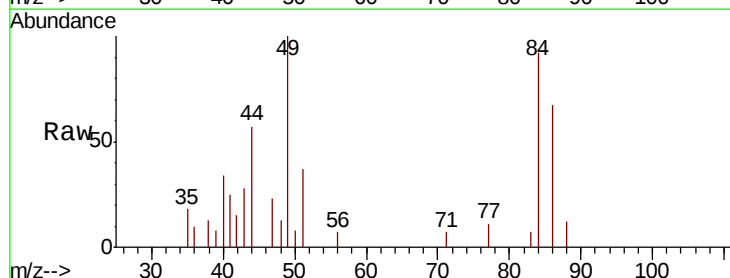
Tgt Ion: 84 Resp: 2604

Ion Ratio Lower Upper

84 100

86 72.9 45.1 83.7

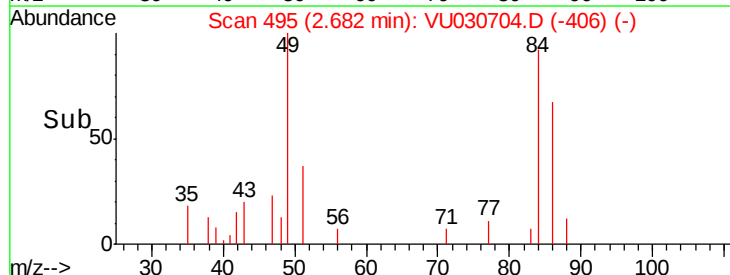
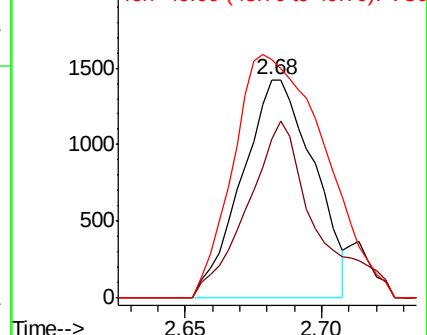
49 109.0 96.5 179.1

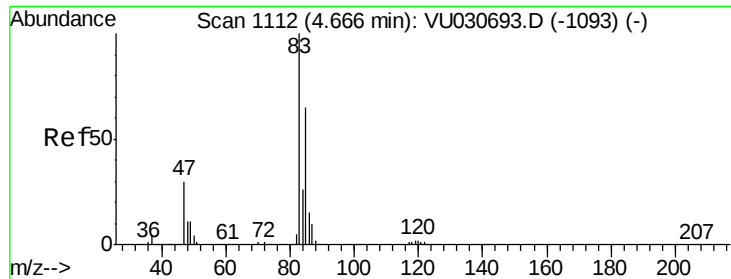


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

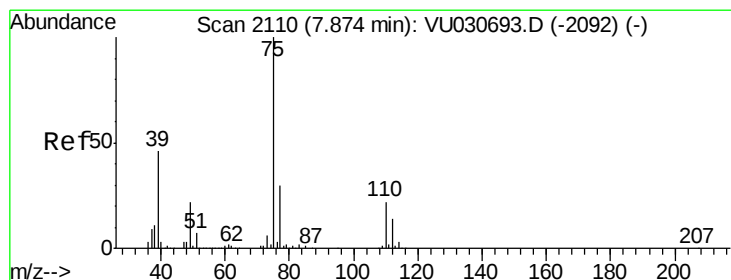
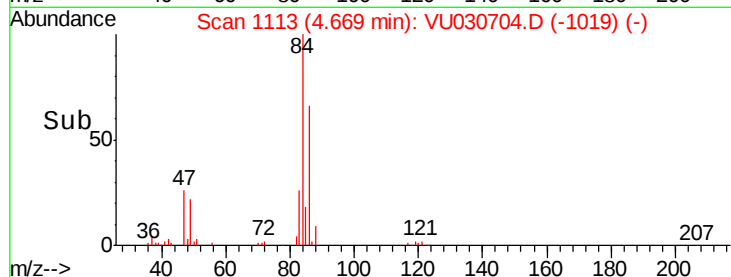
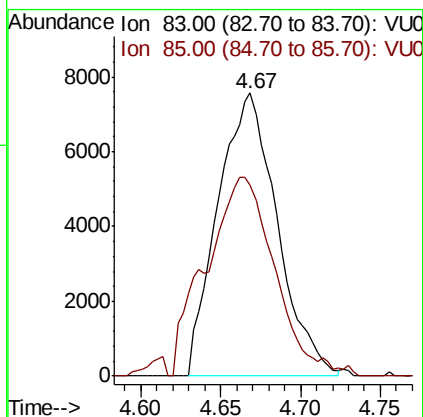
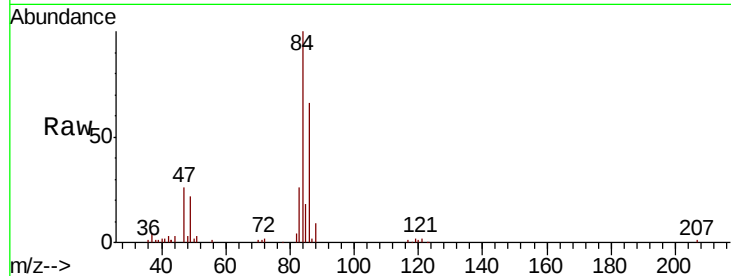




#25
Chloroform
Concen: 2.398 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030704.D
Acq: 04 Apr 2019 23:37

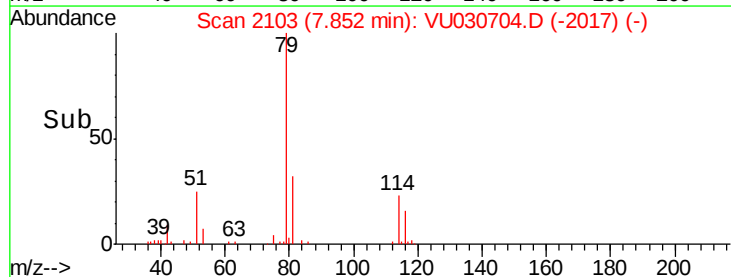
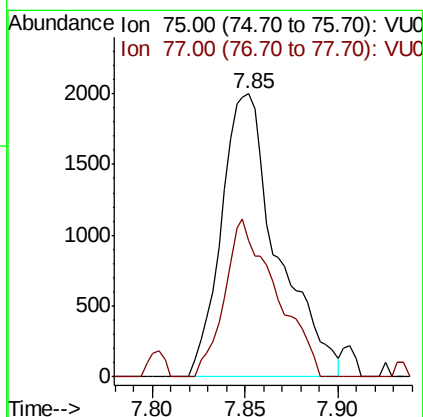
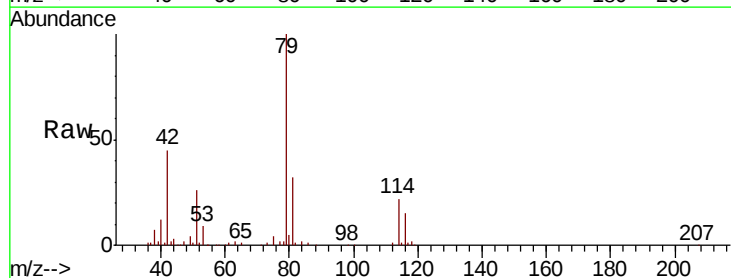
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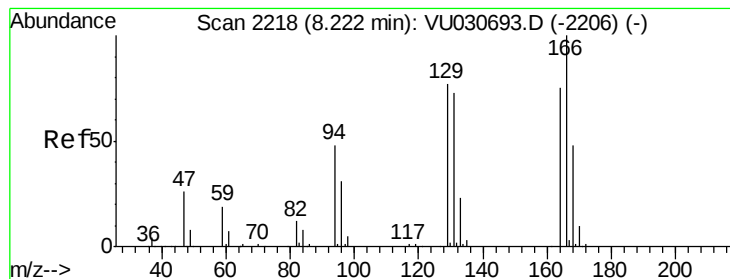
Tot Ion: 83 Resp: 19256
Ion Ratio Lower Upper
83 100
85 67.6 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.702 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU030704.D
Acq: 04 Apr 2019 23:37

Tgt Ion: 75 Resp: 4200
Ion Ratio Lower Upper
75 100
77 48.3 21.6 40.0#





#46

Tetrachloroethene

Concen: 19.997 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030704.D

Acq: 04 Apr 2019 23:37

Instrument :

MSVOA_U

ClientSampleId :

BF152

Tot Ion:164 Resp: 60040

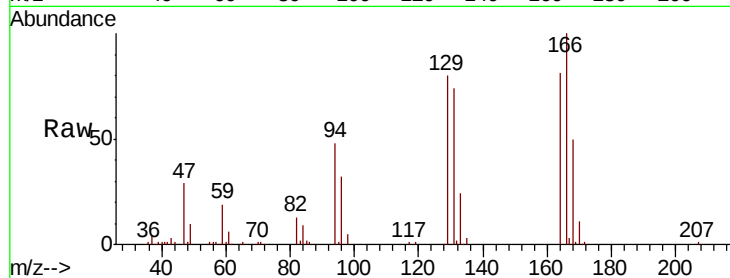
Ion Ratio Lower Upper

164 100

129 98.6 67.4 125.2

131 90.8 65.9 122.5

166 122.8 88.6 164.6

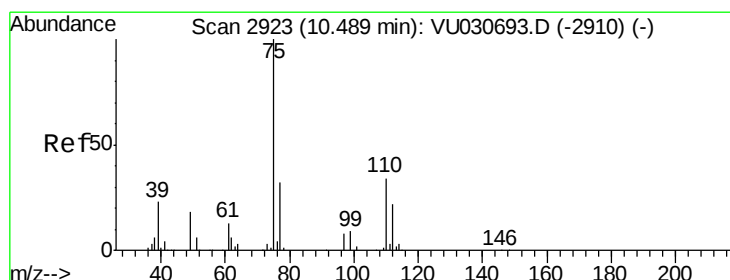
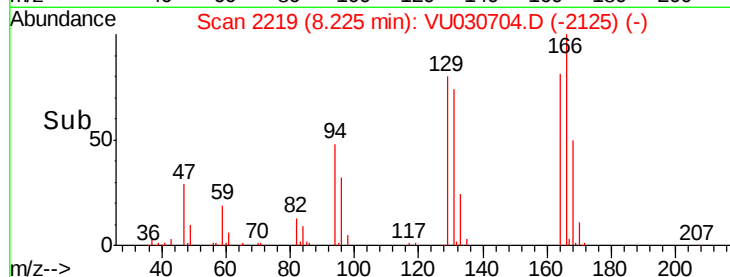
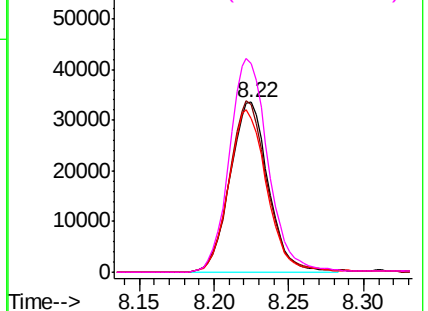


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.936 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030704.D

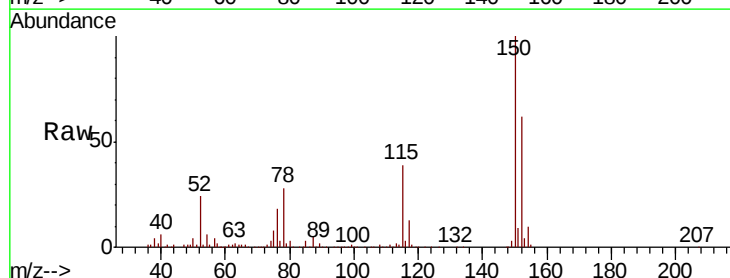
Acq: 04 Apr 2019 23:37

Tgt Ion: 75 Resp: 33893

Ion Ratio Lower Upper

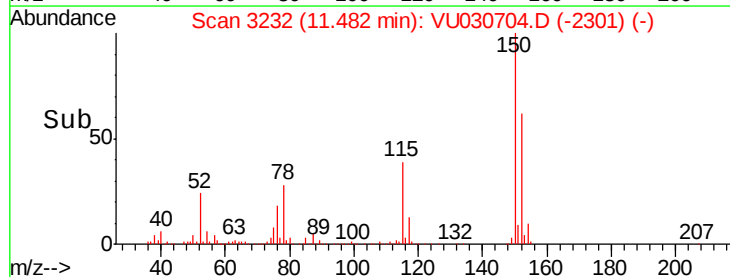
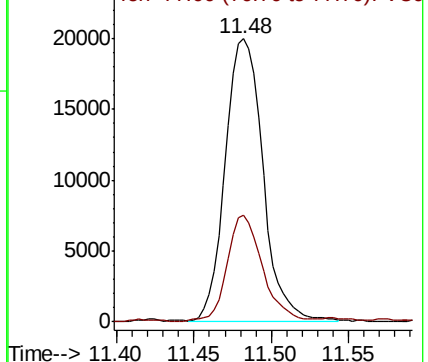
75 100

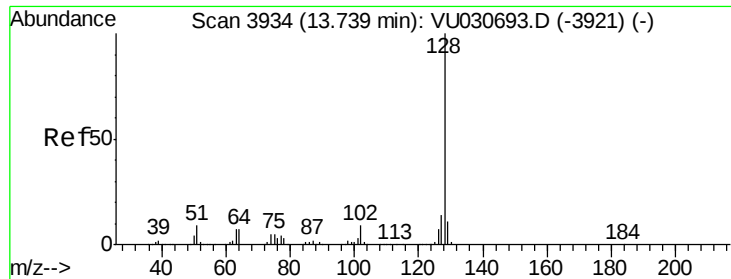
77 35.3 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 0.352 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.03 min

Lab File: VU030704.D

Acq: 04 Apr 2019 23:37

Instrument :

MSVOA_U

ClientSampleId :

BF152

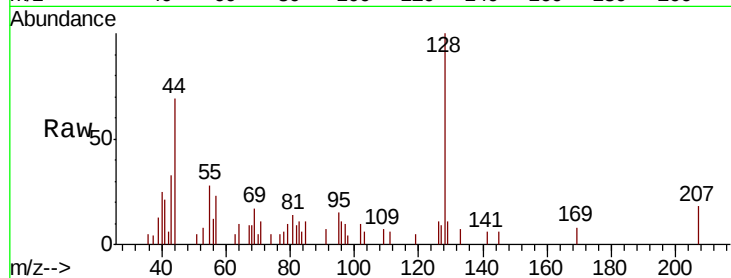
Tot Ion:128 Resp: 5722

Ion Ratio Lower Upper

128 100

127 9.4 10.4 15.6#

129 7.9 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

