

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031083.D
 Acq On : 11 Apr 2019 20:48
 Operator : JC/SP
 Sample : K2340-17ME
 Misc : 5.33g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2S9ME

Quant Time: Apr 12 04:50:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	457080	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216416	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142210	34.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.70%
7) Chloroethane-d5	1.71	69	243	0.08	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.16%#
11) 1,1-Dichloroethene-d2	2.23	63	233015	31.57	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.14%
21) 2-Butanone-d5	4.19	46	329471	101.88	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.88%
24) Chloroform-d	4.64	84	296000	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.30	65	213370	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
32) Benzene-d6	5.33	84	594810	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
36) 1,2-Dichloropropane-d6	6.32	67	215466	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.52%
41) Toluene-d8	7.56	98	507908	42.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.24%
43) trans-1,3-Dichloropropene-	7.85	79	97409	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.72%
47) 2-Hexanone-d5	8.32	63	232547	110.43	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	340832	54.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	218757	51.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

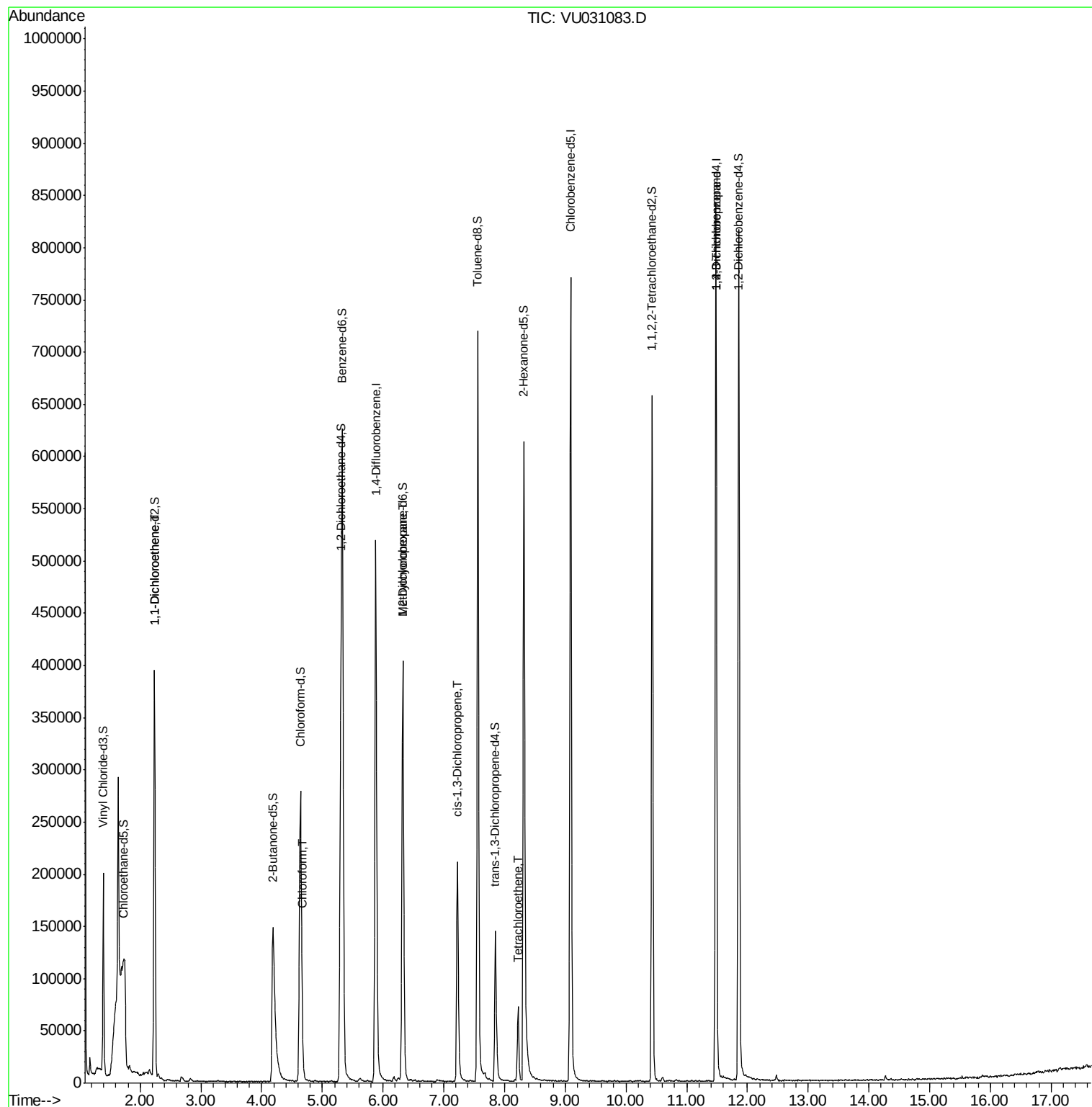
					Ovalue
12) 1,1-Dichloroethene	2.24	96	2335	0.739 ug/L #	1
25) Chloroform	4.67	83	20222	2.906 ug/L	99
35) Methylcyclohexane	6.32	83	45503	7.976 ug/L #	14
39) cis-1,3-Dichloropropene	7.22	75	5400	0.889 ug/L #	78
46) Tetrachloroethene	8.22	164	17354	6.457 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	27163	5.314 ug/L	90

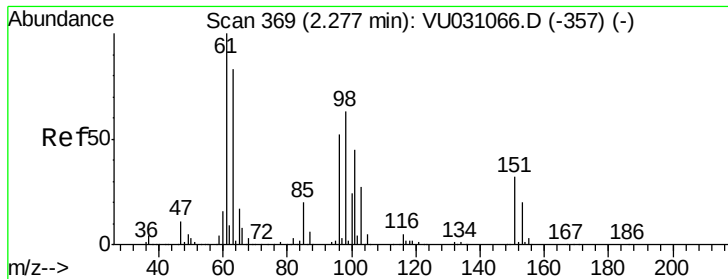
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:43:47 2019
Response via : Initial Calibration

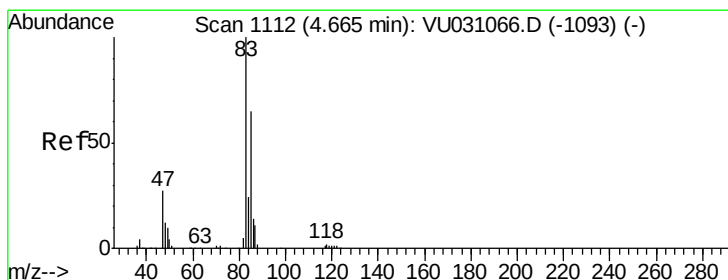
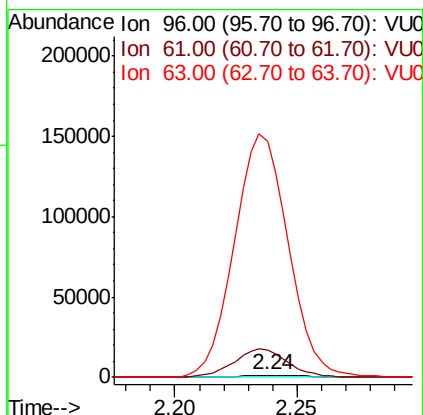
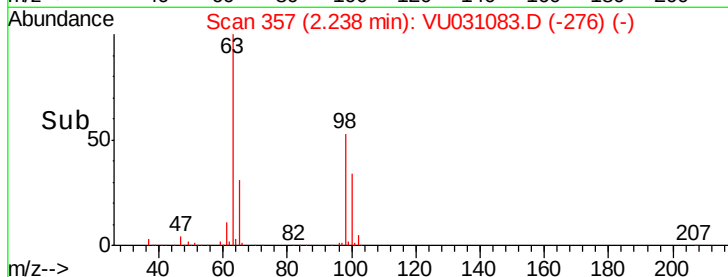
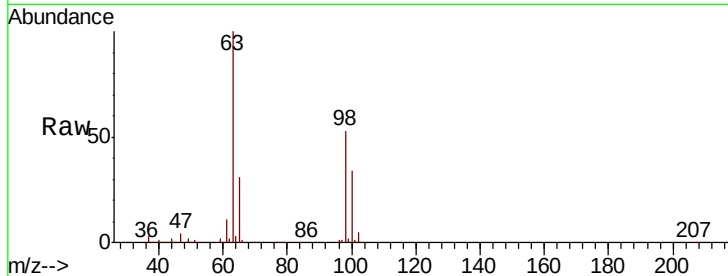




#12
 1,1-Dichloroethene
 Concen: 0.739 ug/L
 RT: 2.24 min Scan# 357
 Delta R.T. -0.04 min
 Lab File: VU031083.D
 Acq: 11 Apr 2019 20:48

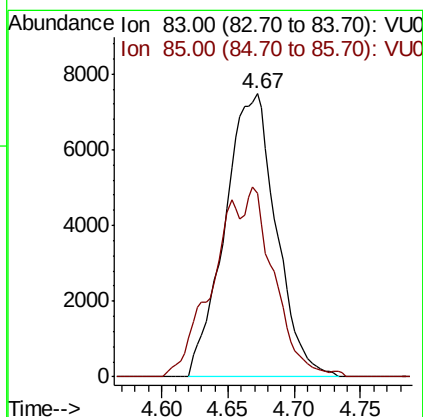
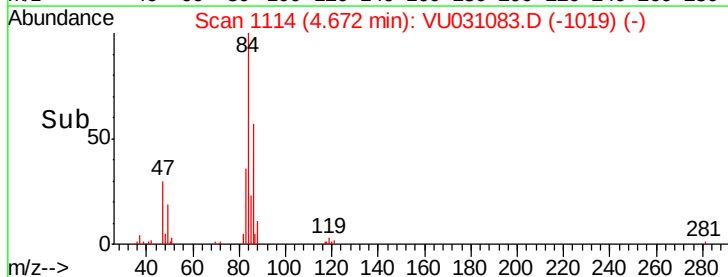
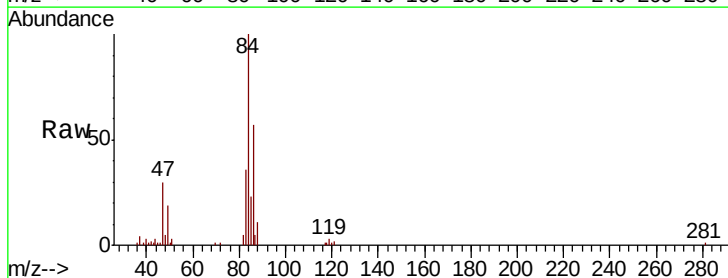
Instrument :
 MSVOA_U
 ClientSampleId :
 BF2S9ME

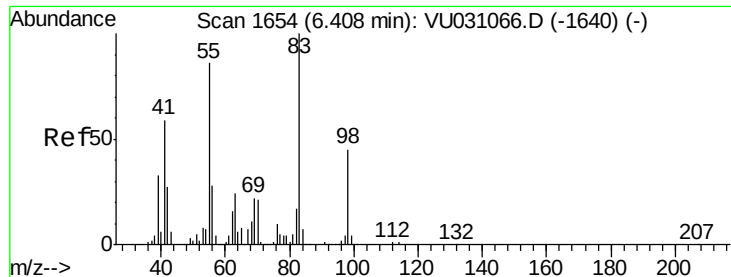
Tot Ion: 96 Resp: 2335
 Ion Ratio Lower Upper
 96 100
 61 1342.3 132.0 245.2#
 63 11743.6 90.9 168.9#



#25
 Chloroform
 Concen: 2.906 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VU031083.D
 Acq: 11 Apr 2019 20:48

Tgt Ion: 83 Resp: 20222
 Ion Ratio Lower Upper
 83 100
 85 64.6 45.8 85.0

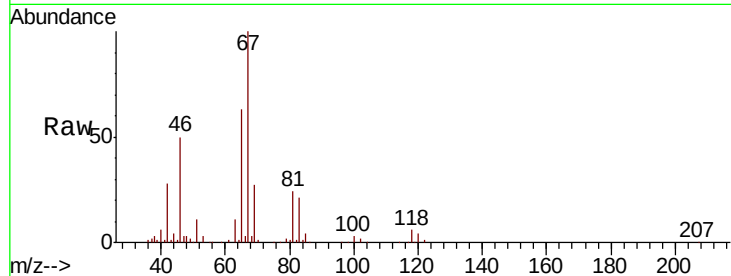




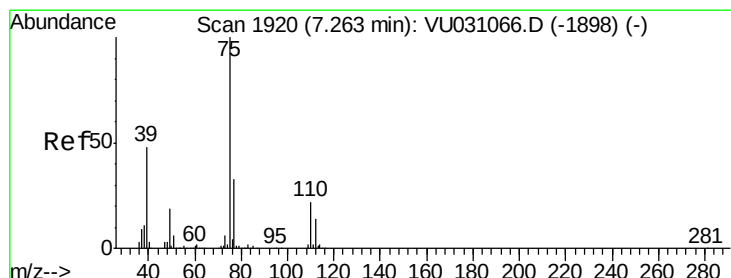
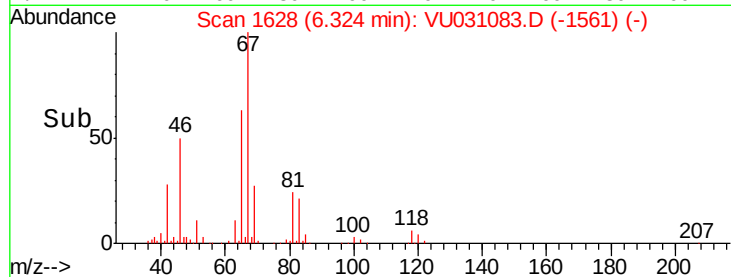
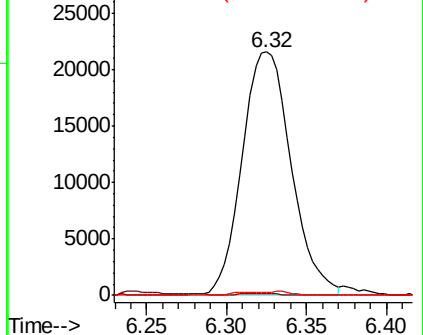
#35
Methylcyclohexane
Concen: 7.976 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU031083.D
Acq: 11 Apr 2019 20:48

Instrument :
MSVOA_U
ClientSampleId :
BF2S9ME

Tot Ion: 83 Resp: 45503
Ion Ratio Lower Upper
83 100
55 0.1 71.6 107.4#
98 0.7 35.4 53.0#

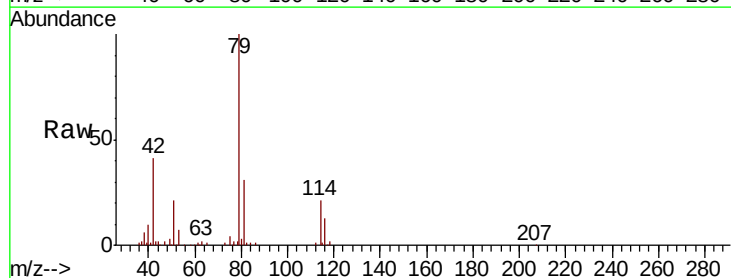


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

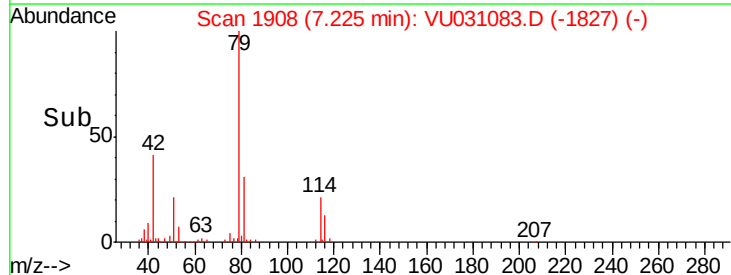
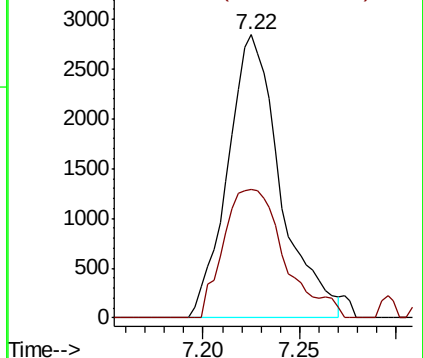


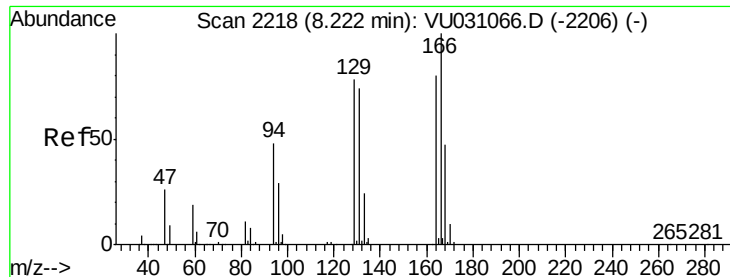
#39
cis-1,3-Dichloropropene
Concen: 0.889 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU031083.D
Acq: 11 Apr 2019 20:48

Tgt Ion: 75 Resp: 5400
Ion Ratio Lower Upper
75 100
77 45.6 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 6.457 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031083.D

Acq: 11 Apr 2019 20:48

Instrument :

MSVOA_U

ClientSampleId :

BF2S9ME

Tot Ion:164 Resp: 17354

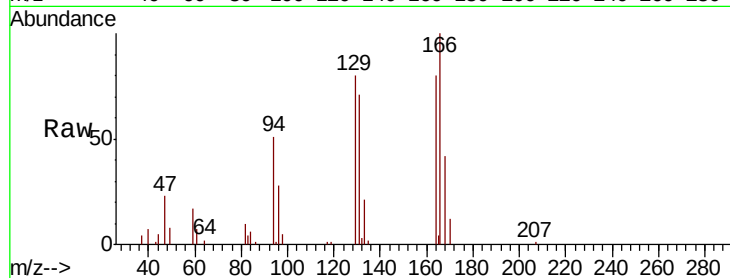
Ion Ratio Lower Upper

164 100

129 100.3 67.4 125.2

131 88.8 65.9 122.5

166 124.7 88.6 164.6

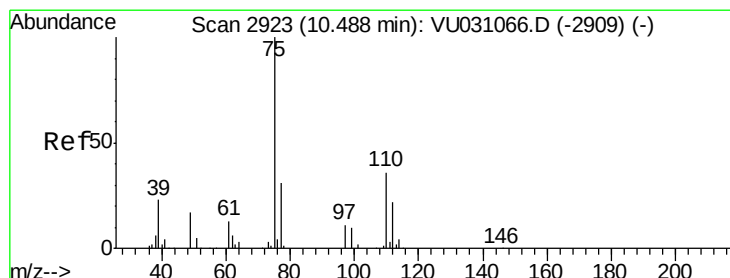
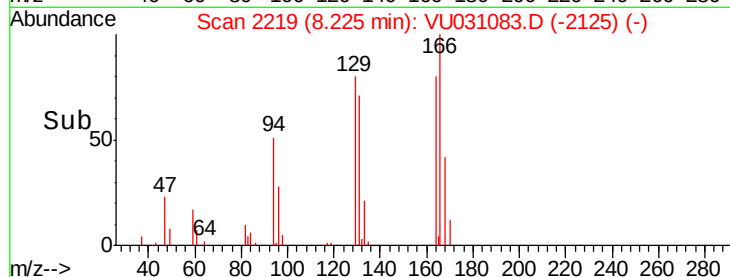
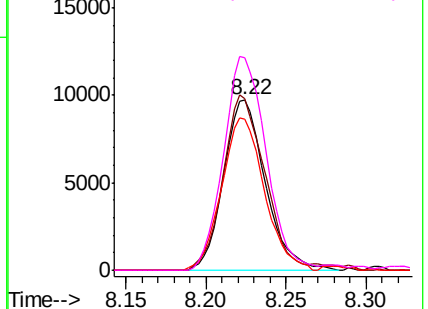


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.314 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031083.D

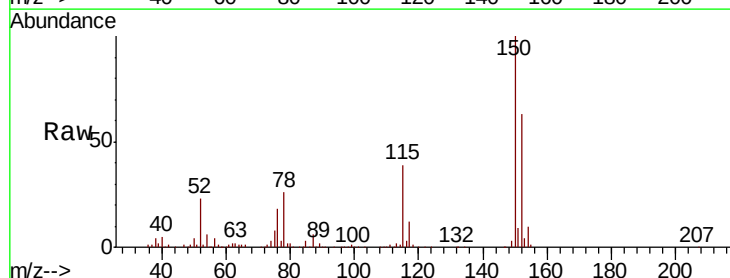
Acq: 11 Apr 2019 20:48

Tgt Ion: 75 Resp: 27163

Ion Ratio Lower Upper

75 100

77 38.2 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

