

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031085.D
 Acq On : 11 Apr 2019 21:34
 Operator : JC/SP
 Sample : K2340-19ME
 Misc : 5.37g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2T1ME

Quant Time: Apr 12 04:51:09 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	448080	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	451129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213458	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	111618	27.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.82%#
7) Chloroethane-d5	1.71	69	494	0.16	ug/L	0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.32%#
11) 1,1-Dichloroethene-d2	2.29	63	277	0.04	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	4.19	46	257558	81.24	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.24%
24) Chloroform-d	4.64	84	228234	37.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.70%
26) 1,2-Dichloroethane-d4	5.30	65	169167	40.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.16%
32) Benzene-d6	5.33	84	461020	35.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.02%
36) 1,2-Dichloropropane-d6	6.32	67	169434	37.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.08%
41) Toluene-d8	7.56	98	395106	33.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.70%#
43) trans-1,3-Dichloropropene-	7.85	79	72622	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.58%
47) 2-Hexanone-d5	8.32	63	175225	84.94	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	260973	42.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	165899	39.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.04%#

Target Compounds

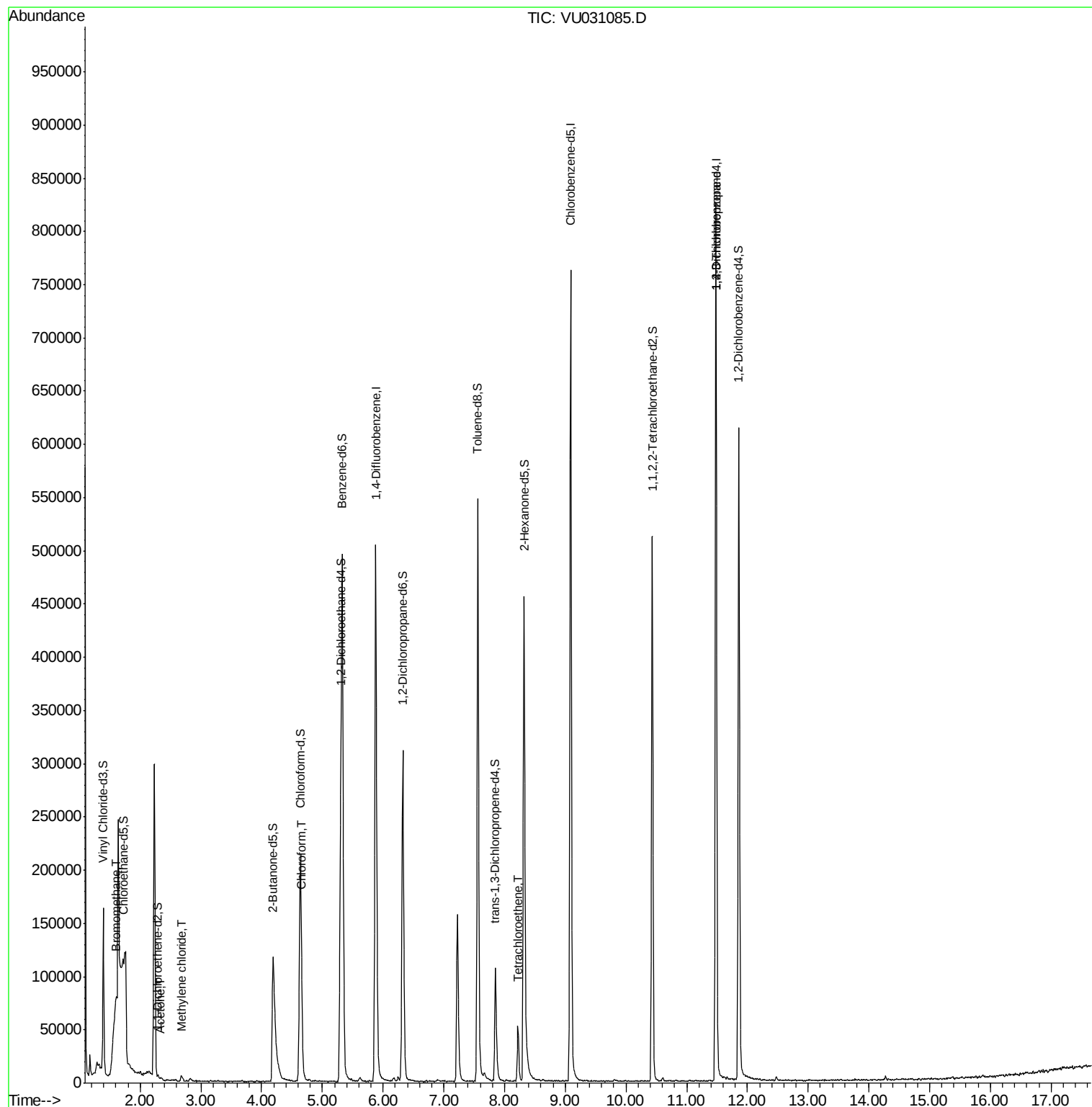
					Ovalue
6) Bromomethane	1.60	94	1608	0.630 ug/L	85
13) Acetone	2.33	43	1908	0.588 ug/L	71
16) Methylene chloride	2.68	84	2147	0.571 ug/L #	72
25) Chloroform	4.67	83	13836	2.028 ug/L	95
46) Tetrachloroethene	8.22	164	12468	4.736 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	26481	5.289 ug/L #	87

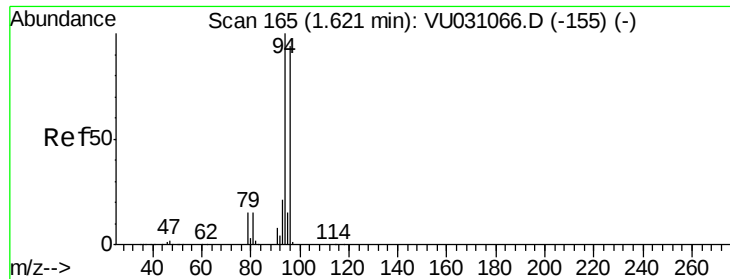
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 04:43:47 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.630 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU031085.D

Acq: 11 Apr 2019 21:34

Instrument :

MSVOA_U

ClientSampleId :

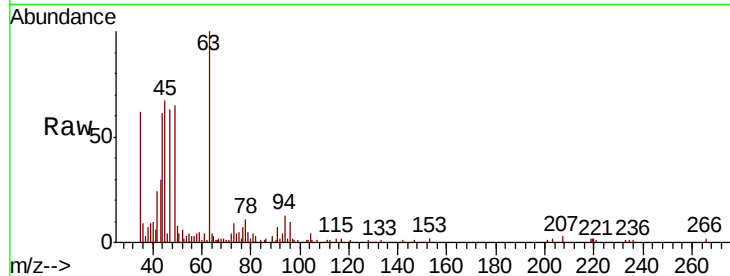
BF2T1ME

Tot Ion: 94 Resp: 1608

Ion Ratio Lower Upper

94 100

96 79.6 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU031066.D (-155) (-)

Ion 96.00 (95.70 to 96.70): VU031066.D (-155) (-)

1.60

1500

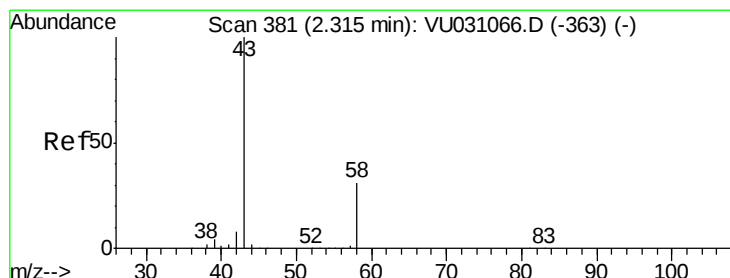
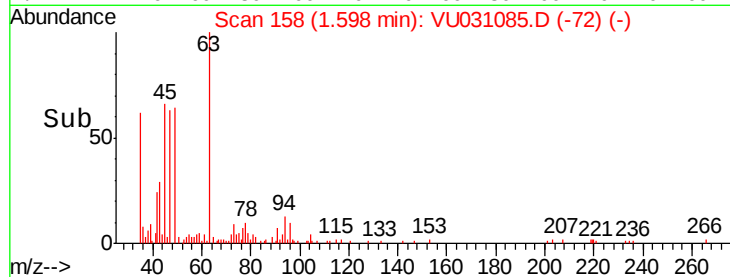
1000

500

0

1.56 1.58 1.60 1.62 1.64

Time-->



#13

Acetone

Concen: 0.588 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.02 min

Lab File: VU031085.D

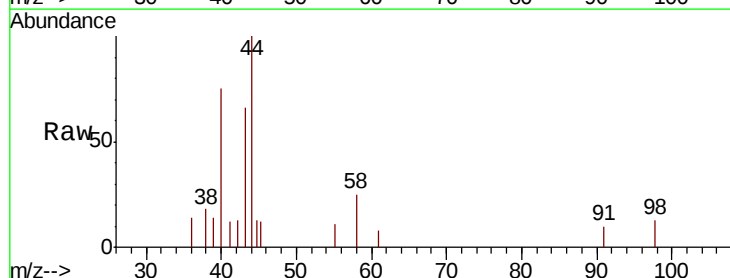
Acq: 11 Apr 2019 21:34

Tgt Ion: 43 Resp: 1908

Ion Ratio Lower Upper

43 100

58 15.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031066.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU031066.D (-363) (-)

2.33

1000

800

600

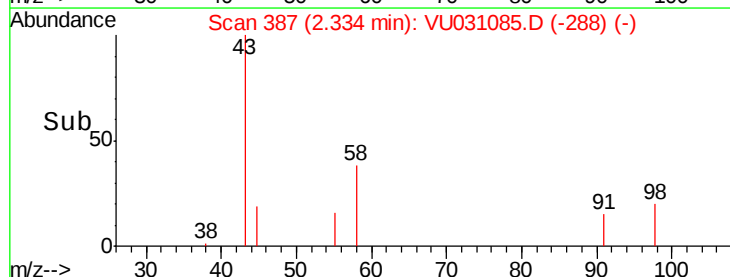
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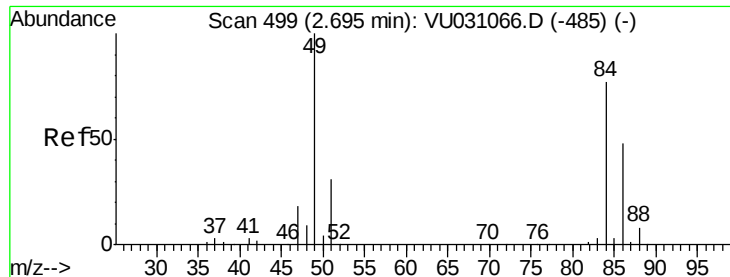
200

0

2.30 2.35

Time-->

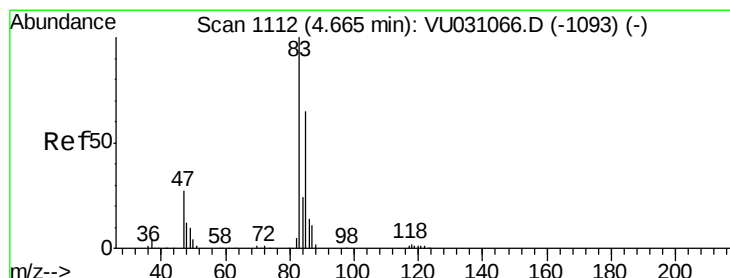
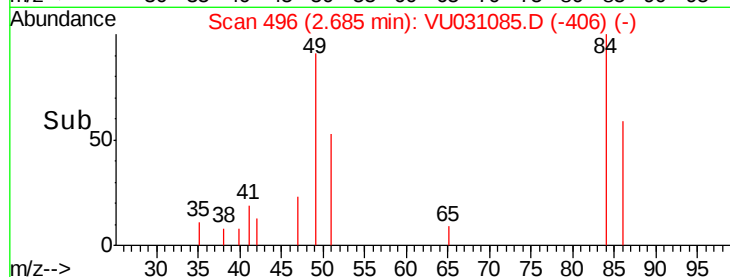
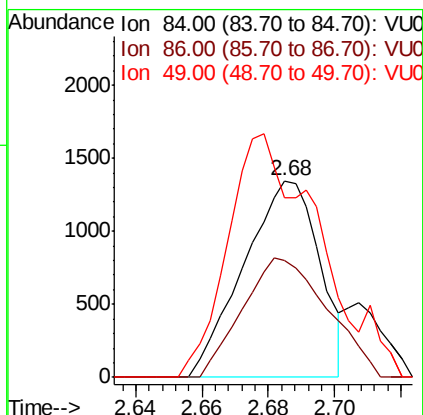
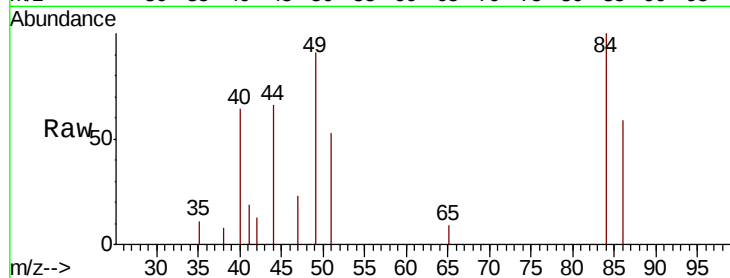




#16
Methvlene chloride
Concen: 0.571 ug/L
RT: 2.68 min Scan# 496
Delta R.T. -0.01 min
Lab File: VU031085.D
Acq: 11 Apr 2019 21:34

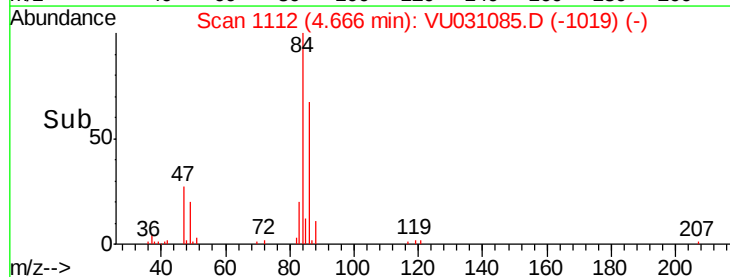
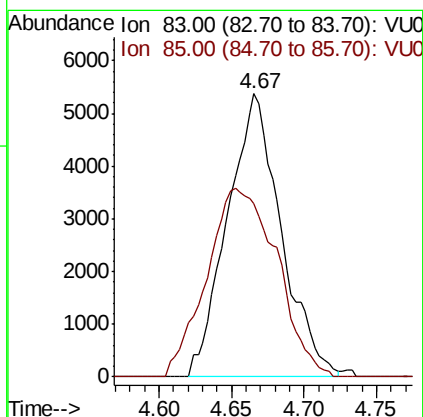
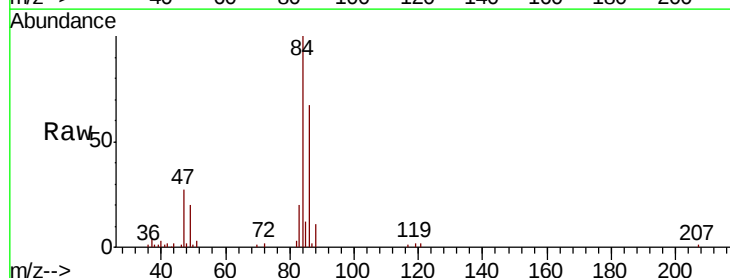
Instrument :
MSVOA_U
ClientSampleId :
BF2T1ME

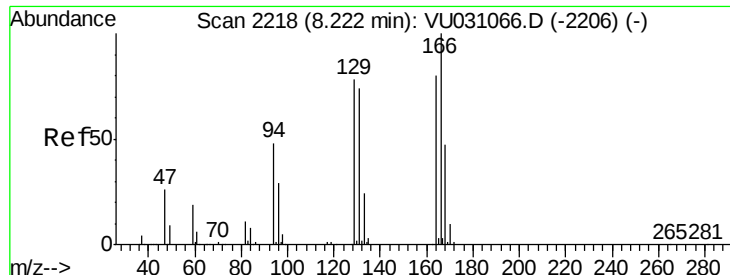
Tot Ion: 84 Resp: 2147
Ion Ratio Lower Upper
84 100
86 59.1 45.1 83.7
49 91.4 96.5 179.1#



#25
Chloroform
Concen: 2.028 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU031085.D
Acq: 11 Apr 2019 21:34

Tgt Ion: 83 Resp: 13836
Ion Ratio Lower Upper
83 100
85 61.1 45.8 85.0





#46

Tetrachloroethene

Concen: 4.736 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031085.D

Acq: 11 Apr 2019 21:34

Instrument :

MSVOA_U

ClientSampleId :

BF2T1ME

Tot Ion:164 Resp: 12468

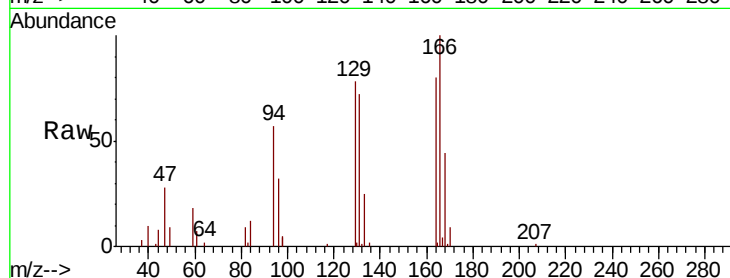
Ion Ratio Lower Upper

164 100

129 98.3 67.4 125.2

131 90.2 65.9 122.5

166 125.4 88.6 164.6

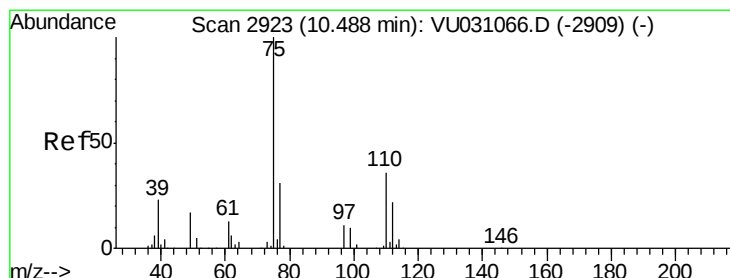
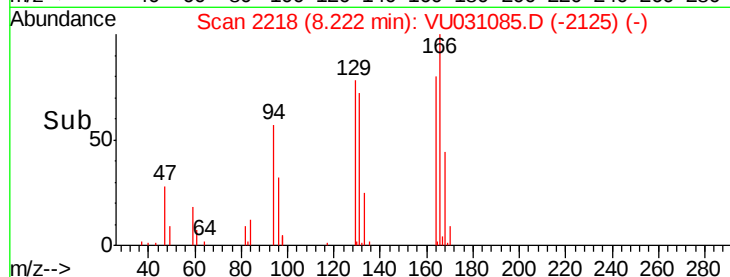
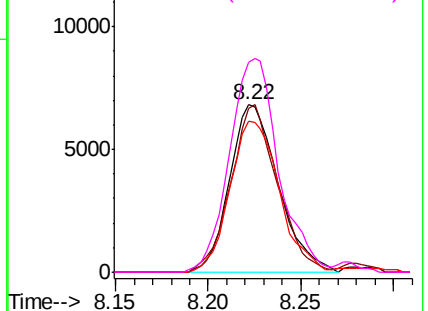


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.289 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031085.D

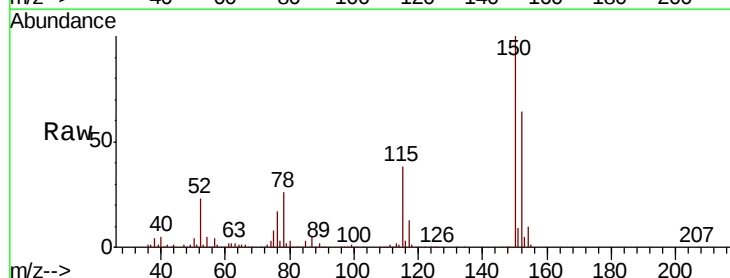
Acq: 11 Apr 2019 21:34

Tgt Ion: 75 Resp: 26481

Ion Ratio Lower Upper

75 100

77 40.0 26.1 39.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

