

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030668.D
 Acq On : 04 Apr 2019 07:39
 Operator : JC/SP
 Sample : K2246-07
 Misc : 5.46g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 08:08:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 07:55:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	587619	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	572194	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	272868	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	123577	26.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.26%#
7) Chloroethane-d5	1.70	69	455	0.12	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.24%#
11) 1,1-Dichloroethene-d2	2.24	63	191229	21.32	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	42.64%#
21) 2-Butanone-d5	4.19	46	251322	56.53	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	56.53%
24) Chloroform-d	4.64	84	225539	27.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.36%#
26) 1,2-Dichloroethane-d4	5.30	65	153642	28.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	57.64%#
32) Benzene-d6	5.33	84	472453	28.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	57.58%#
36) 1,2-Dichloropropane-d6	6.32	67	161929	28.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	57.68%#
41) Toluene-d8	7.56	98	409339	27.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	55.56%#
43) trans-1,3-Dichloropropene-	7.85	79	67466	25.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.12%#
47) 2-Hexanone-d5	8.32	63	171929	56.51	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	56.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	237398	29.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	59.10%#
64) 1,2-Dichlorobenzene-d4	11.86	152	156341	28.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	57.20%#

Target Compounds

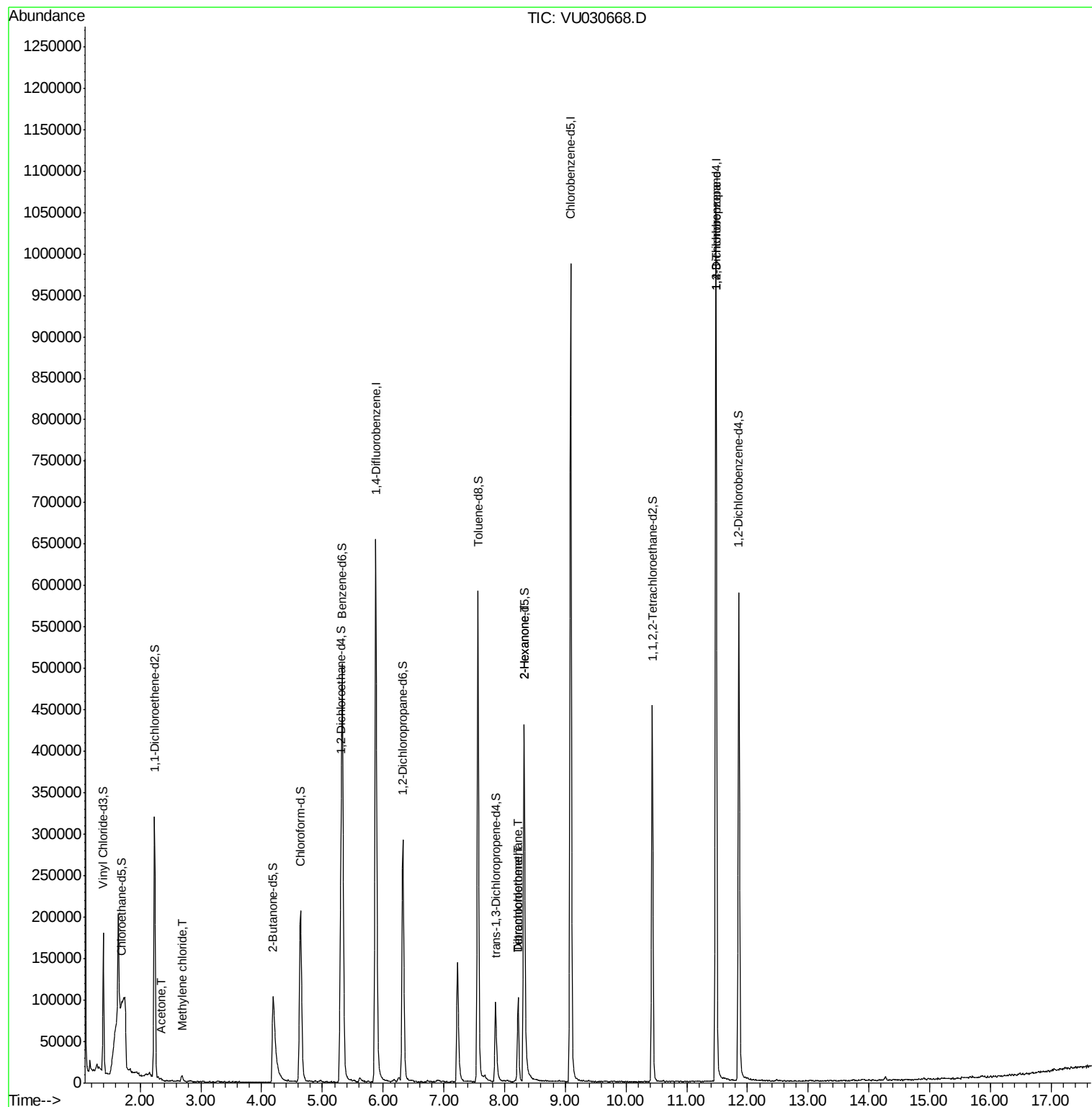
					Ovalue
13) Acetone	2.34	43	3380	0.752 ug/L	69
16) Methylene chloride	2.69	84	3379	0.682 ug/L	88
46) Tetrachloroethene	8.22	164	24049	7.191 ug/L	94
48) 2-Hexanone	8.32	43	19011	2.498 ug/L #	70
49) Dibromochloromethane	8.22	129	23249	4.791 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	34819	5.175 ug/L	95

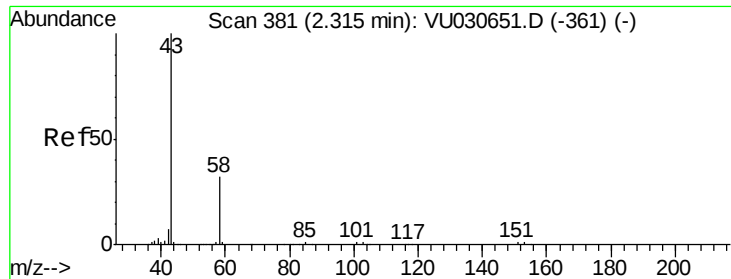
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 07:55:17 2019
Response via : Initial Calibration





#13

Acetone

Concen: 0.752 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.03 min

Lab File: VU030668.D

Acq: 04 Apr 2019 07:39

Instrument :

MSVOA_U

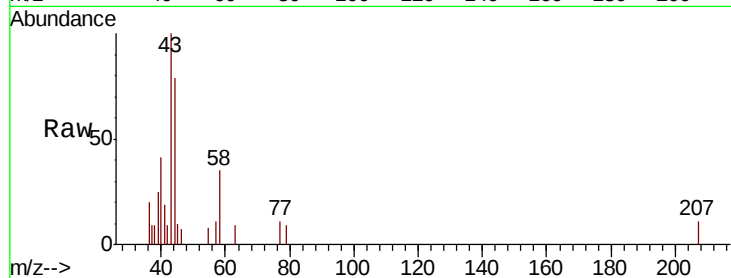
ClientSampled :

Tot Ion: 43 Resp: 3380

Ion Ratio Lower Upper

43 100

58 14.2 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030668.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU030668.D (-288) (-)

2.34

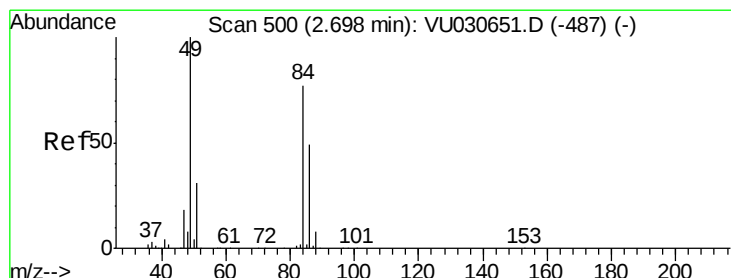
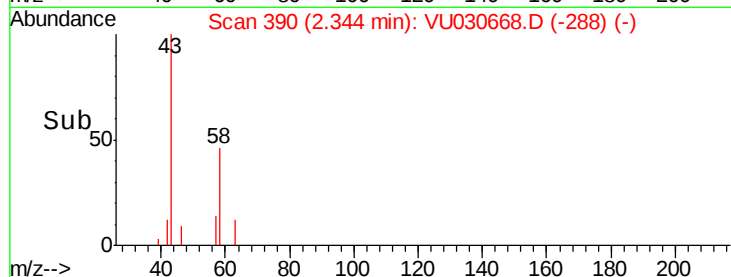
1500

1000

500

0

Time--> 2.25 2.30 2.35 2.40



#16

Methylene chloride

Concen: 0.682 ug/L

RT: 2.69 min Scan# 497

Delta R.T. -0.01 min

Lab File: VU030668.D

Acq: 04 Apr 2019 07:39

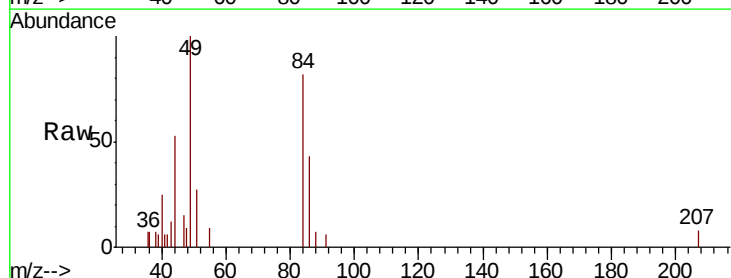
Tgt Ion: 84 Resp: 3379

Ion Ratio Lower Upper

84 100

86 52.1 44.3 82.3

49 122.6 94.9 176.3



Abundance Ion 84.00 (83.70 to 84.70): VU030668.D (-407) (-)

Ion 86.00 (85.70 to 86.70): VU030668.D (-407) (-)

Ion 49.00 (48.70 to 49.70): VU030668.D (-407) (-)

2.69

3000

2500

2000

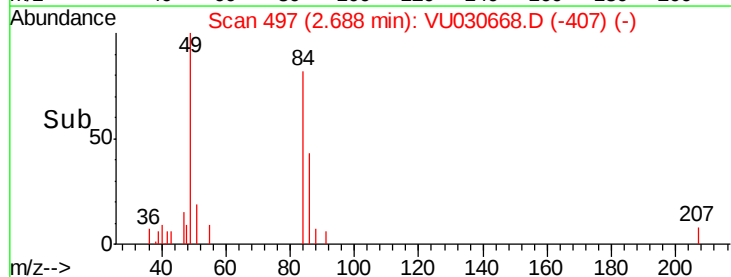
1500

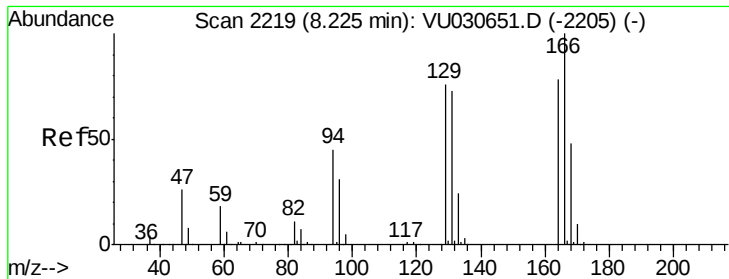
1000

500

0

Time--> 2.65 2.70

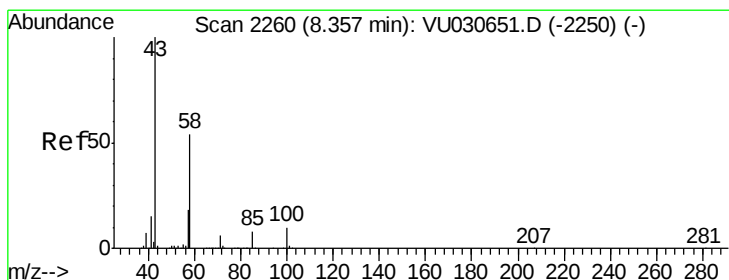
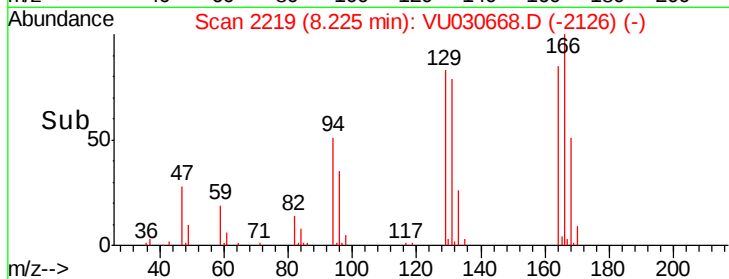
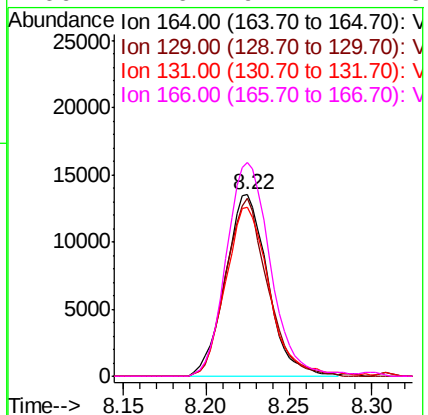
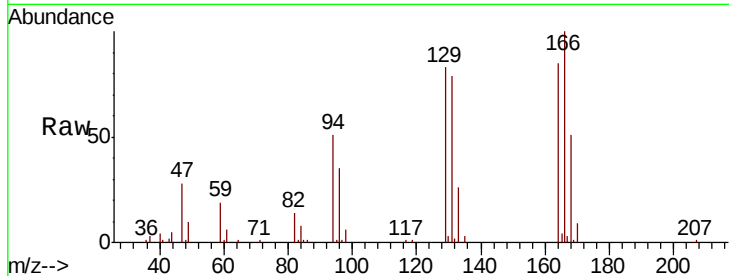




#46
 Tetrachloroethene
 Concen: 7.191 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU030668.D
 Acq: 04 Apr 2019 07:39

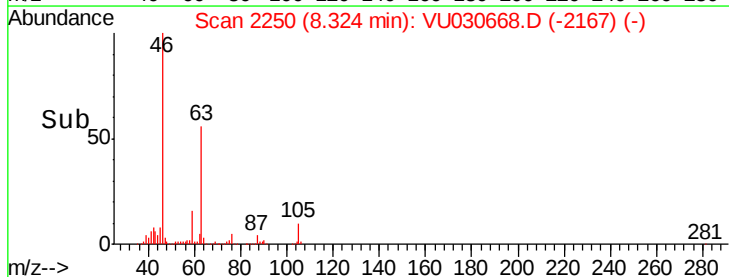
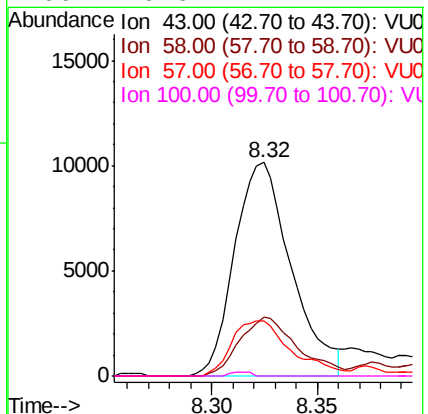
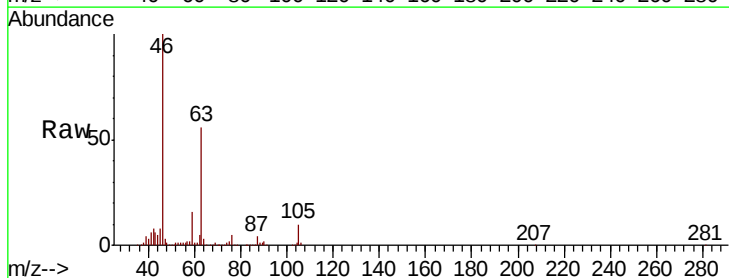
Instrument :
 MSVOA_U
 ClientSampleId :

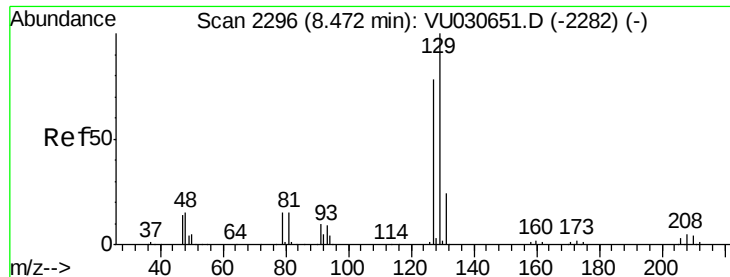
Tot Ion:	164	Resp:	24049
Ion	Ratio	Lower	Upper
164	100		
129	97.9	68.1	126.5
131	92.9	67.7	125.7
166	117.6	92.4	171.6



#48
 2-Hexanone
 Concen: 2.498 ug/L
 RT: 8.32 min Scan# 2250
 Delta R.T. -0.03 min
 Lab File: VU030668.D
 Acq: 04 Apr 2019 07:39

Tgt Ion:	43	Resp:	19011
Ion	Ratio	Lower	Upper
43	100		
58	28.1	42.5	63.7#
57	27.2	15.0	22.6#
100	0.6	7.4	11.2#





#49

Dibromochloromethane

Concen: 4.791 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU030668.D

Acq: 04 Apr 2019 07:39

Instrument :

MSVOA_U

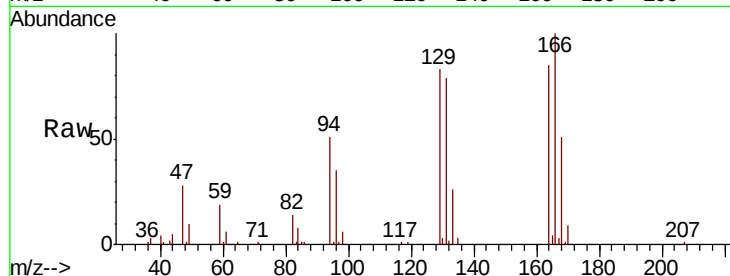
ClientSampled :

Tot Ion:129 Resp: 23249

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.22

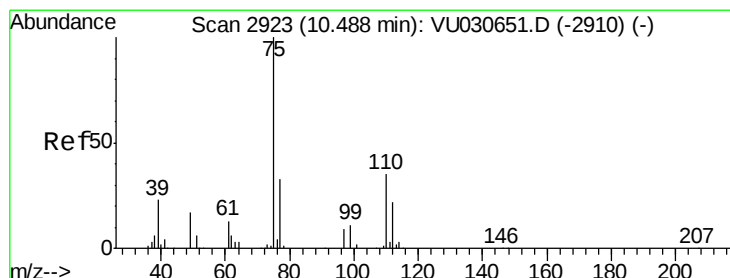
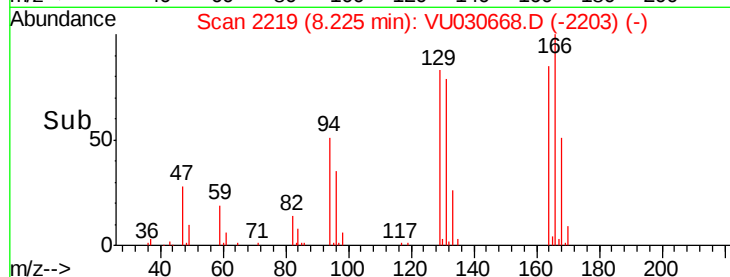
15000

10000

5000

0

Time--> 8.15 8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 5.175 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030668.D

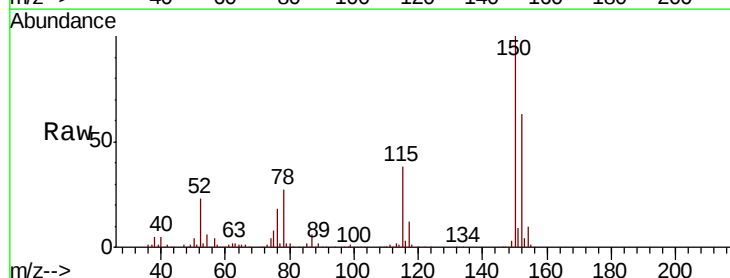
Acq: 04 Apr 2019 07:39

Tgt Ion: 75 Resp: 34819

Ion Ratio Lower Upper

75 100

77 34.6 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

25000

20000

15000

10000

5000

0

Time--> 11.40 11.50

