

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029926.D
 Acq On : 09 Mar 2019 17:38
 Operator : JC/SP
 Sample : K1789-20
 Misc : 5.67g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Q3

Quant Time: Mar 11 02:25:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 02:20:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1142574	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1160574	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	625627	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	236801	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.94%
7) Chloroethane-d5	1.64	69	102297	17.46	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	34.92%#
11) 1,1-Dichloroethene-d2	2.23	63	328884	25.03	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.06%#
21) 2-Butanone-d5	4.19	46	366212	67.80	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.80%
24) Chloroform-d	4.64	84	427241	31.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.98%#
26) 1,2-Dichloroethane-d4	5.30	65	266150	33.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.96%#
32) Benzene-d6	5.33	84	937208	32.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.82%#
36) 1,2-Dichloropropane-d6	6.32	67	284702	32.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	65.18%#
41) Toluene-d8	7.56	98	897863	32.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	64.70%#
43) trans-1,3-Dichloropropene-	7.85	79	133839	31.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.32%
47) 2-Hexanone-d5	8.32	63	357196	76.00	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	497535	36.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	411705	33.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.10%#

Target Compounds

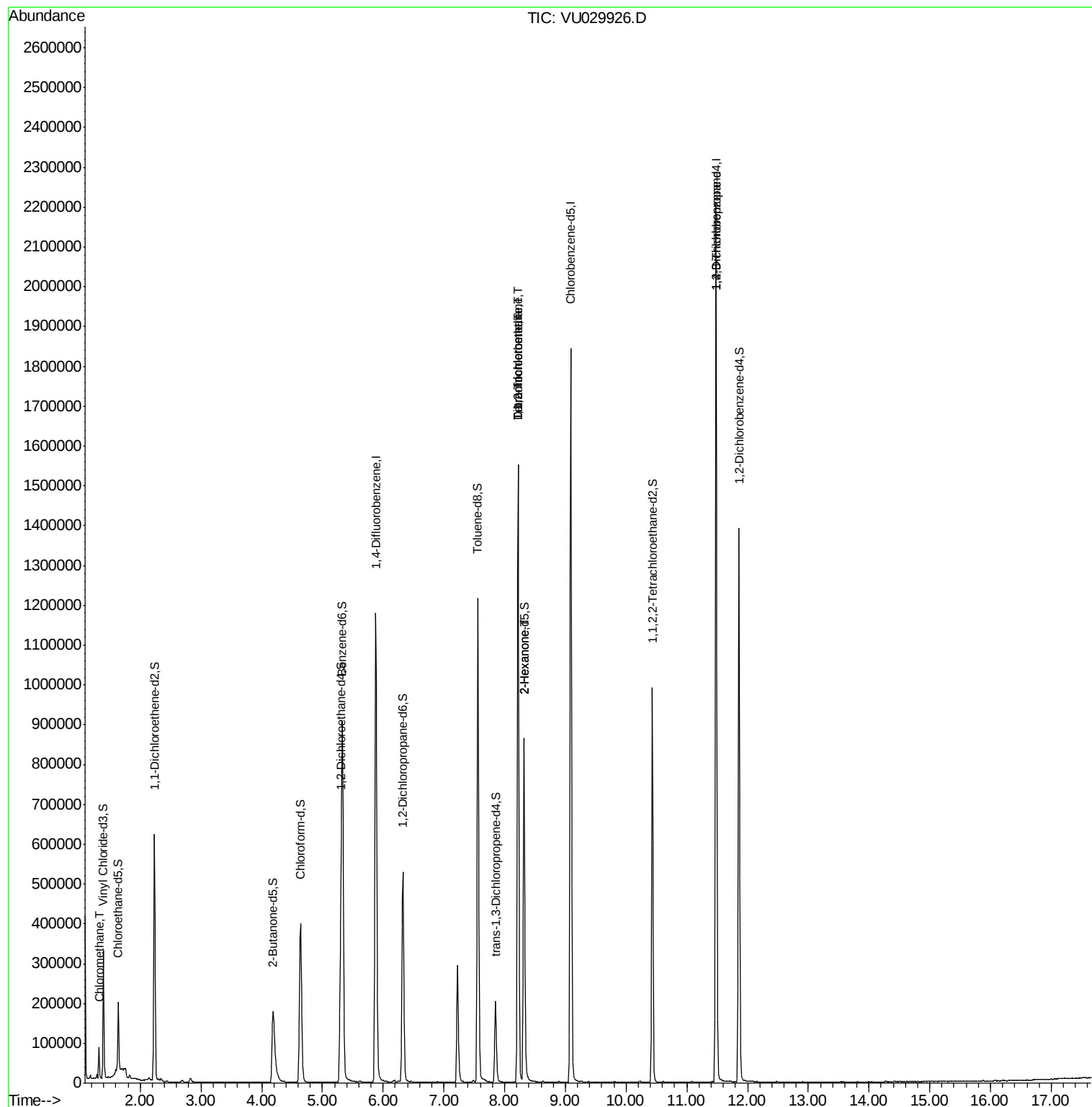
					Qvalue
3) Chloromethane	1.32	50	58156	5.042	ug/L 99
45) 1,1,2-Trichloroethane	8.22	97	2836	0.346	ug/L # 2
46) Tetrachloroethene	8.22	164	381950	53.078	ug/L 99
48) 2-Hexanone	8.32	43	38172	4.191	ug/L # 63
49) Dibromochloromethane	8.22	129	341824	38.080	ug/L # 11
59) 1,2,3-Trichloropropane	11.48	75	62682	5.853	ug/L 95

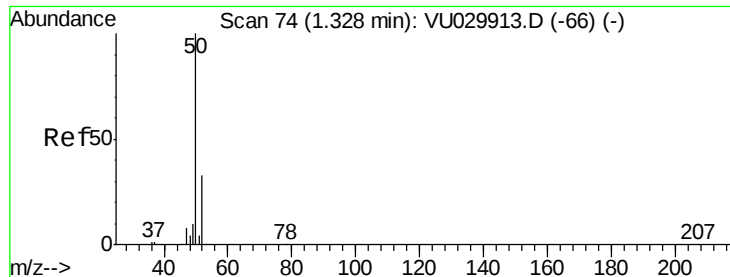
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 11 02:20:19 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 5.042 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029926.D

Acq: 09 Mar 2019 17:38

Instrument :

MSVOA_U

ClientSampled :

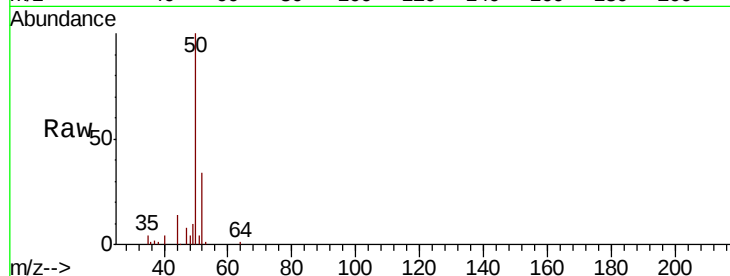
BF0Q3

Tgt Ion: 50 Resp: 58156

Ion Ratio Lower Upper

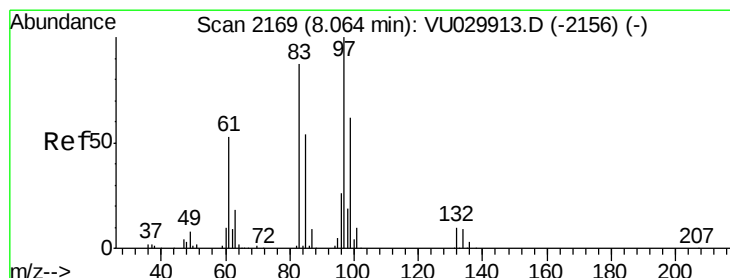
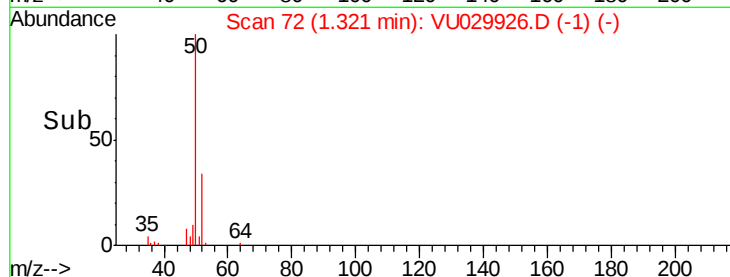
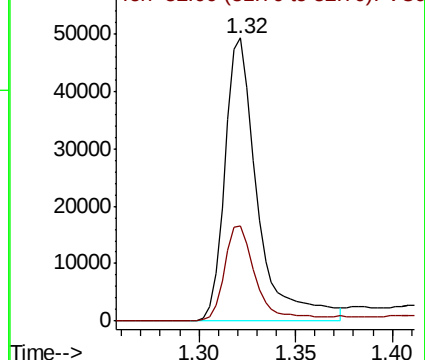
50 100

52 33.5 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#45

1,1,2-Trichloroethane

Concen: 0.346 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.16 min

Lab File: VU029926.D

Acq: 09 Mar 2019 17:38

Tgt Ion: 97 Resp: 2836

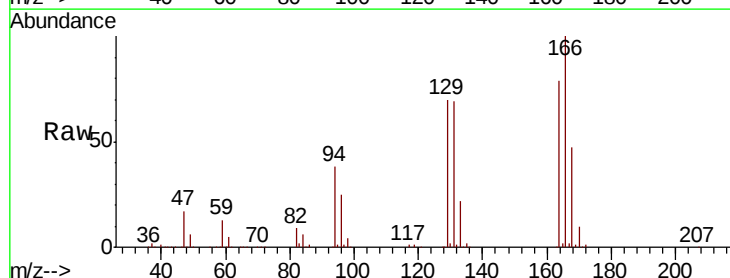
Ion Ratio Lower Upper

97 100

99 8.5 43.7 81.1#

83 241.2 60.8 112.8#

85 41.2 38.1 70.7

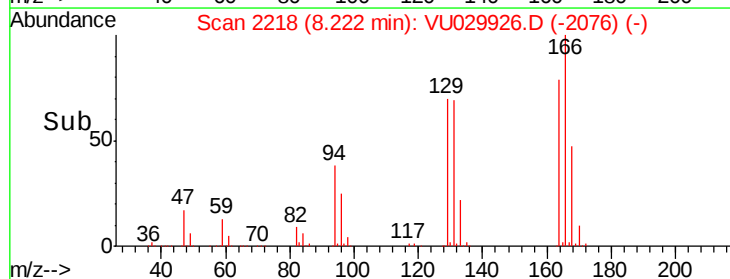
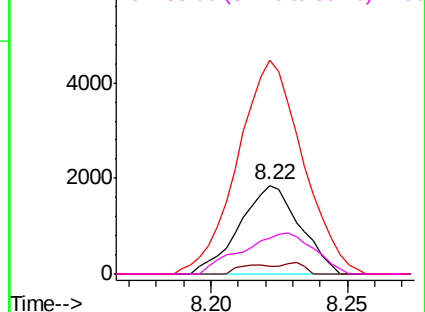


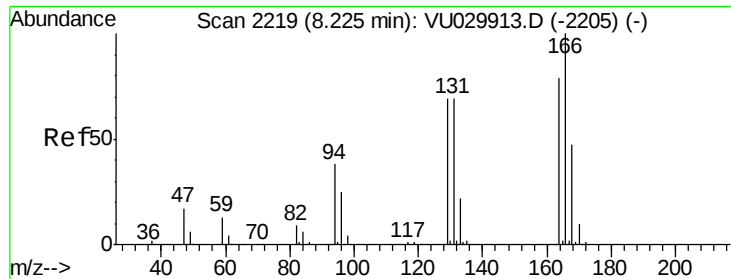
Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

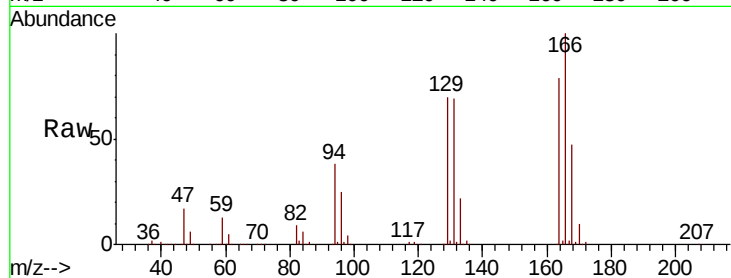




#46
Tetrachloroethene
Concen: 53.078 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029926.D
Acq: 09 Mar 2019 17:38

Instrument :
MSVOA_U
ClientSampleId :
BF0Q3

Tgt Ion:	164	Resp:	381950
Ion	Ratio	Lower	Upper
164	100		
129	88.3	61.0	113.2
131	87.6	60.5	112.3
166	126.4	88.3	163.9



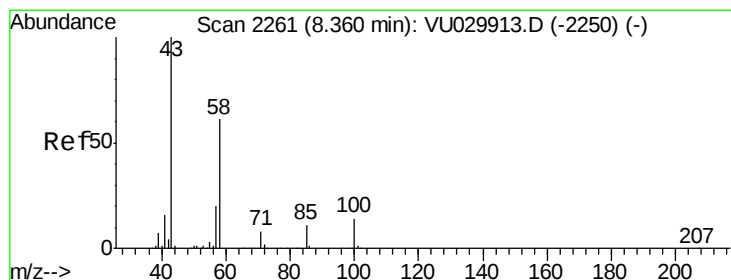
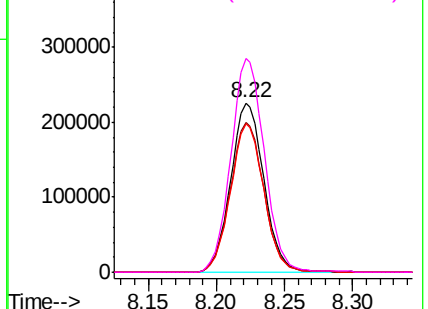
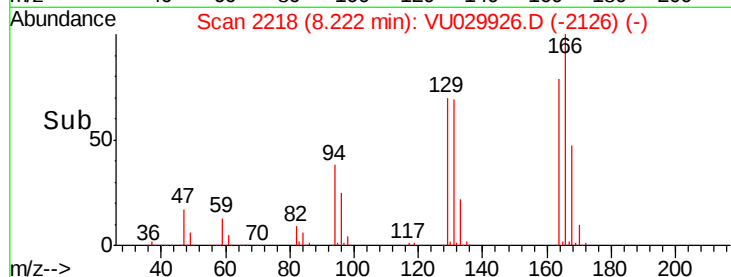
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

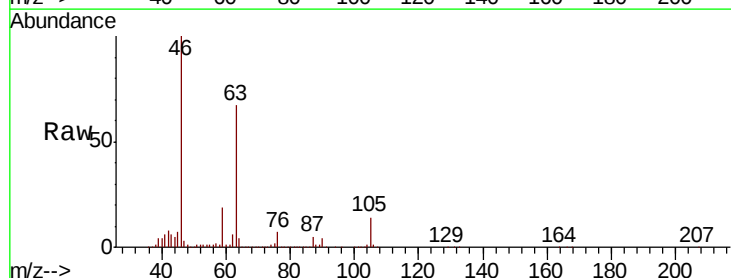
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 4.191 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU029926.D
Acq: 09 Mar 2019 17:38

Tgt Ion:	43	Resp:	38172
Ion	Ratio	Lower	Upper
43	100		
58	24.2	49.2	73.8#
57	23.5	16.6	25.0
100	0.1	11.4	17.0#



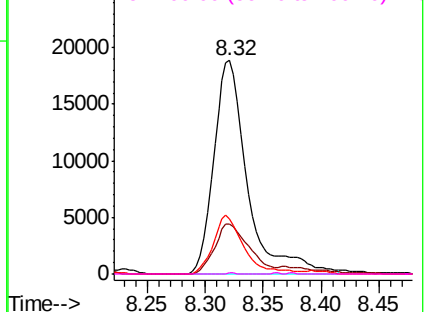
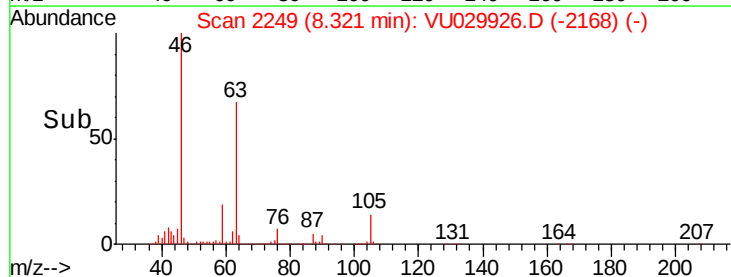
Abundance

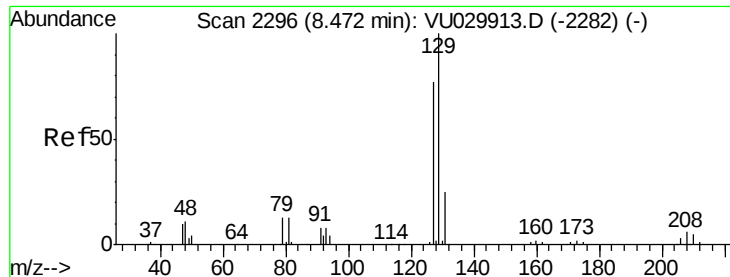
Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 38.080 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU029926.D

Acq: 09 Mar 2019 17:38

Instrument :

MSVOA_U

ClientSampleId :

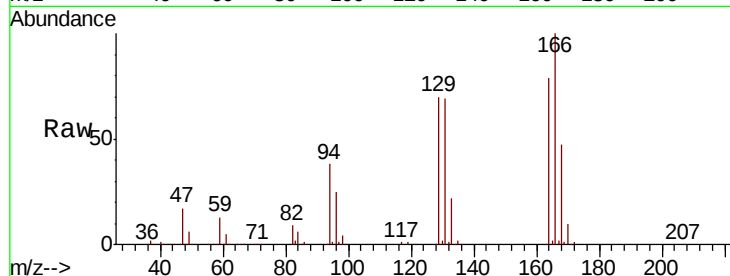
BF0Q3

Tgt Ion:129 Resp: 341824

Ion Ratio Lower Upper

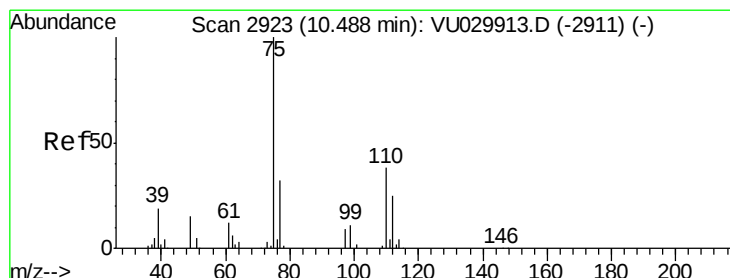
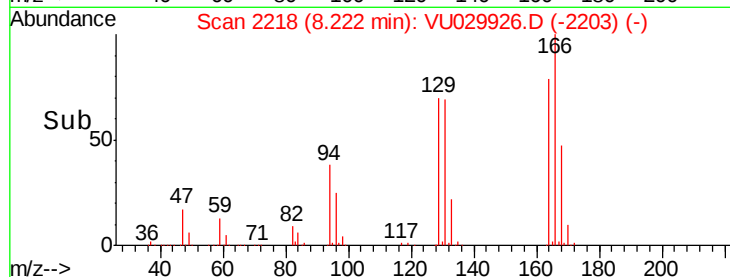
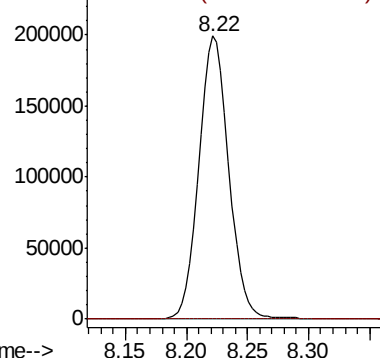
129 100

127 0.1 54.3 100.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.853 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029926.D

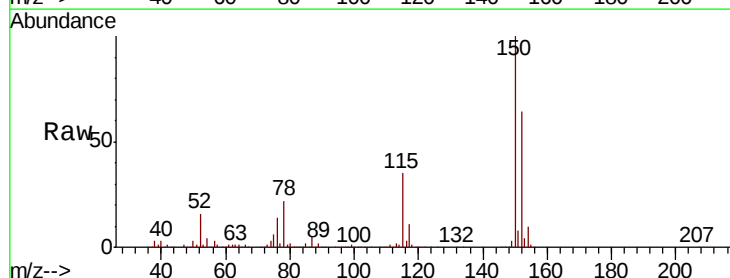
Acq: 09 Mar 2019 17:38

Tgt Ion: 75 Resp: 62682

Ion Ratio Lower Upper

75 100

77 35.4 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

