

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029919.D
 Acq On : 09 Mar 2019 14:56
 Operator : JC/SP
 Sample : K1818-05
 Misc : 5.97g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2L0

Quant Time: Mar 11 02:25:03 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	585476	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	573878	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	302850	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	126775	35.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.98%
7) Chloroethane-d5	1.64	69	50571	16.84	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	33.68%#
11) 1,1-Dichloroethene-d2	2.23	63	179824	26.71	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.42%#
21) 2-Butanone-d5	4.20	46	187996	67.93	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.93%
24) Chloroform-d	4.64	84	225329	32.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.82%#
26) 1,2-Dichloroethane-d4	5.30	65	140309	34.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.90%#
32) Benzene-d6	5.33	84	500208	34.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.96%#
36) 1,2-Dichloropropane-d6	6.32	67	149730	34.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.32%#
41) Toluene-d8	7.56	98	461937	33.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.32%#
43) trans-1,3-Dichloropropene-	7.85	79	68054	32.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.12%
47) 2-Hexanone-d5	8.32	63	173600	74.69	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	252277	36.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	204269	34.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.78%#

Target Compounds

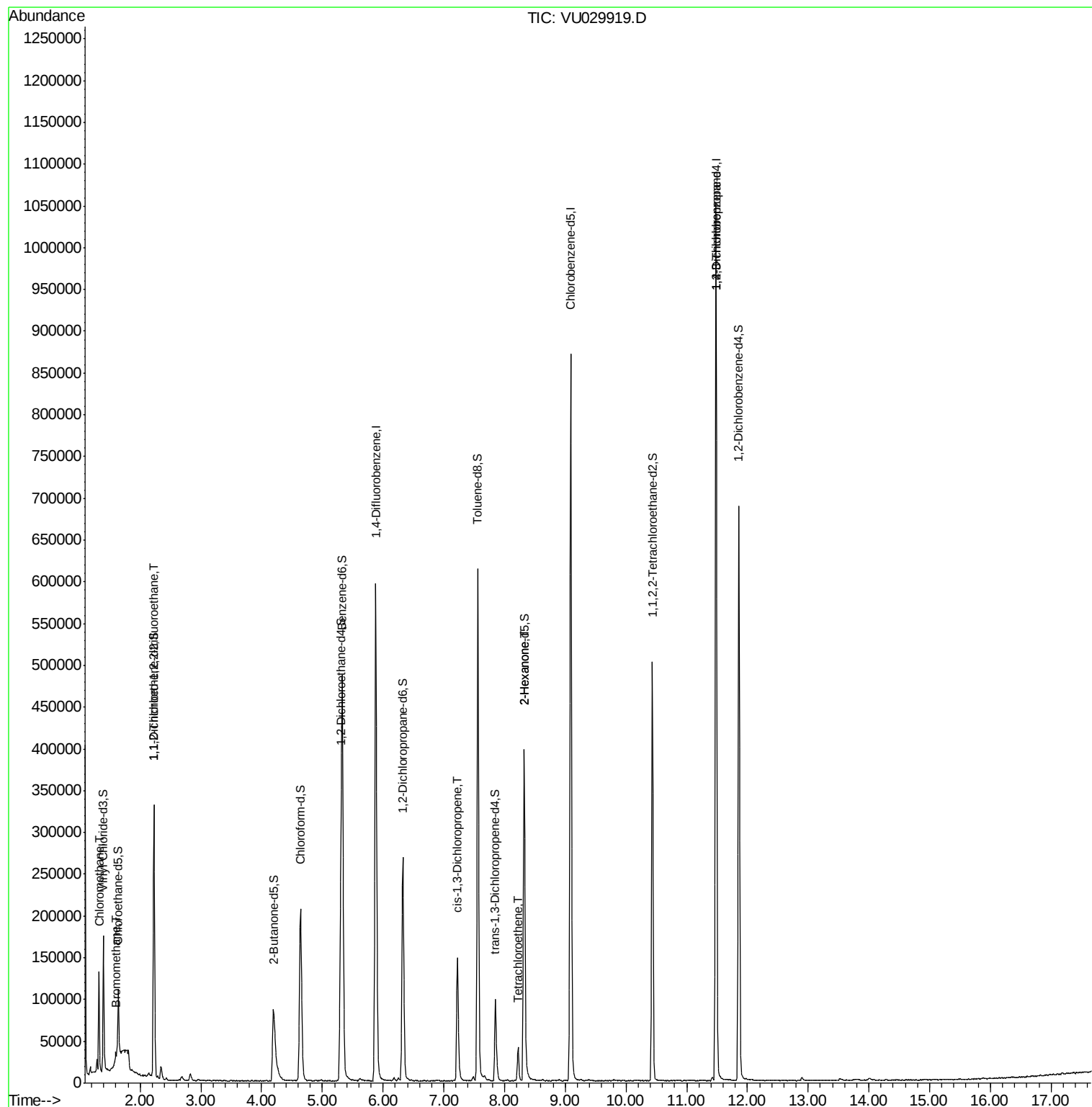
					Qvalue
3) Chloromethane	1.32	50	87201	14.755	ug/L 99
6) Bromomethane	1.60	94	4957	4.084	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2426	0.650	ug/L # 27
39) cis-1,3-Dichloropropene	7.23	75	3983	0.655	ug/L # 64
46) Tetrachloroethene	8.22	164	9942	2.794	ug/L 93
48) 2-Hexanone	8.32	43	16871	3.746	ug/L # 62
59) 1,2,3-Trichloropropane	11.48	75	30737	5.804	ug/L 96

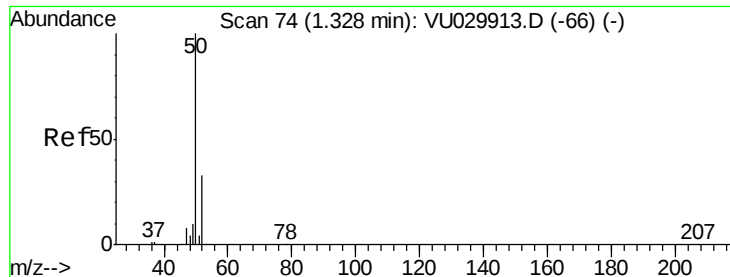
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 14.755 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029919.D

Acq: 09 Mar 2019 14:56

Instrument :

MSVOA_U

ClientSampleId :

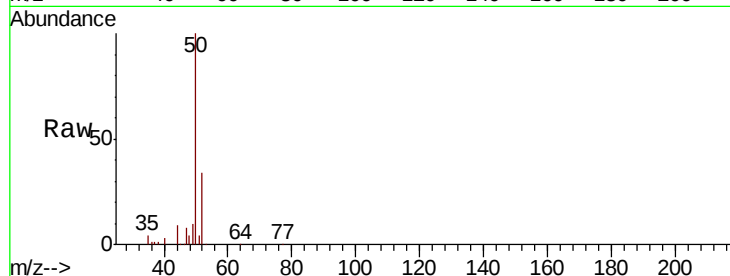
BF2L0

Tgt Ion: 50 Resp: 87201

Ion Ratio Lower Upper

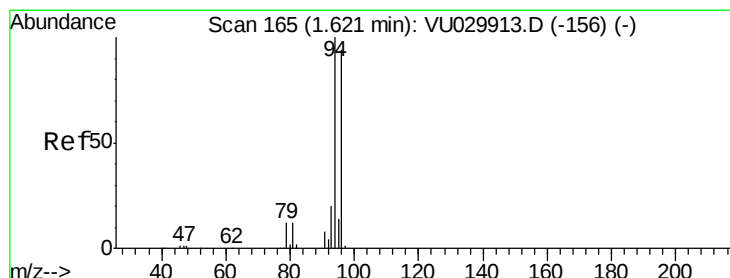
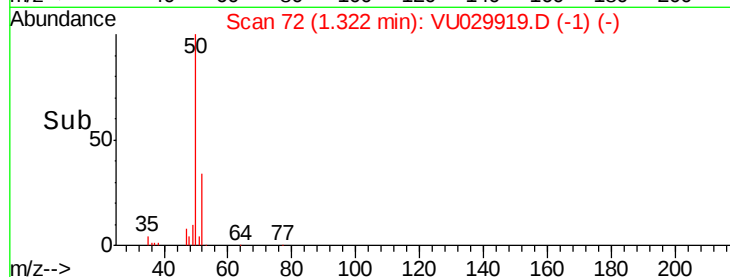
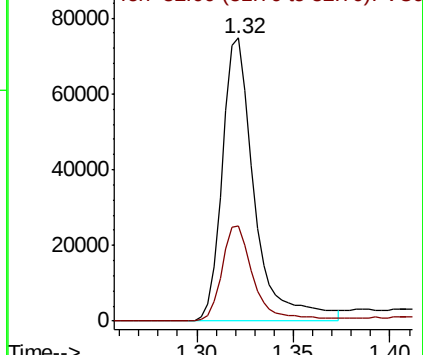
50 100

52 33.6 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 4.084 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029919.D

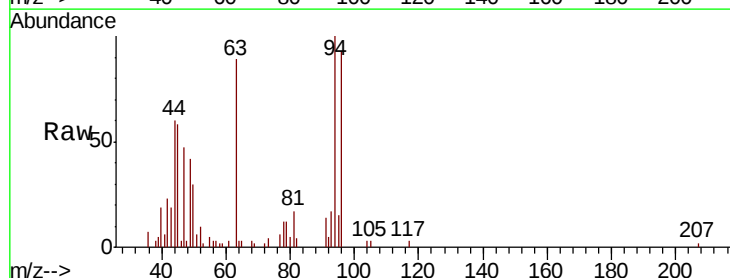
Acq: 09 Mar 2019 14:56

Tgt Ion: 94 Resp: 4957

Ion Ratio Lower Upper

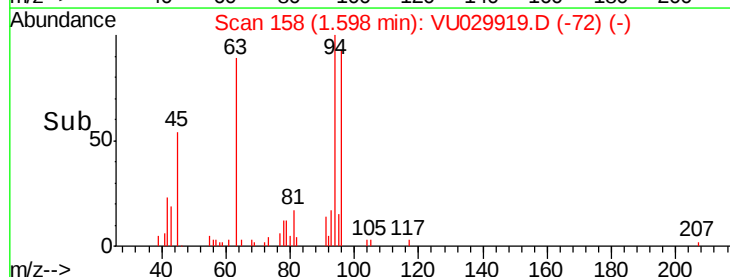
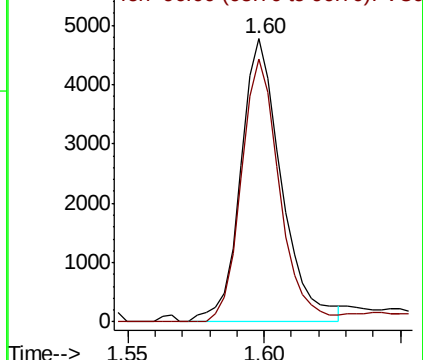
94 100

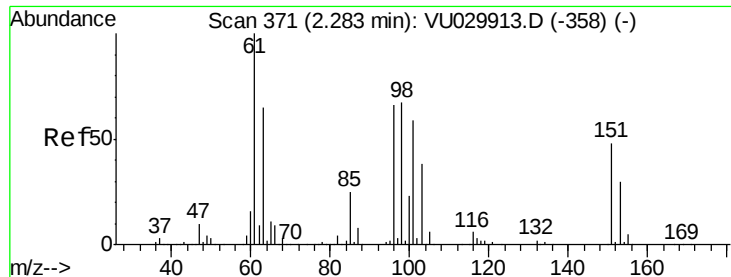
96 92.7 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#10

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

Concen: 0.650 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

Lab File: VU029919.D

Acq: 09 Mar 2019 14:56

Instrument :

MSVOA_U

ClientSampleId :

BF2L0

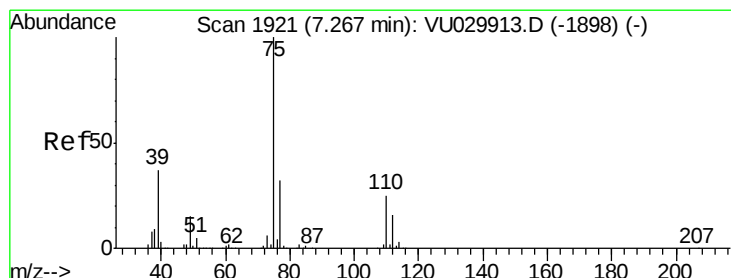
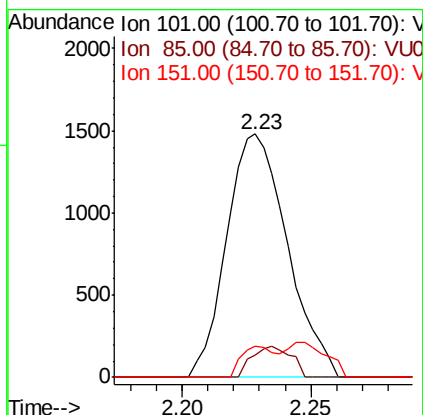
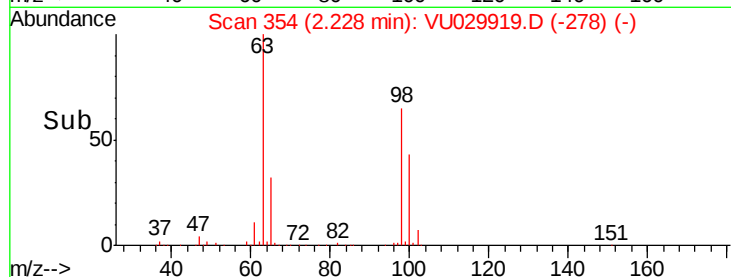
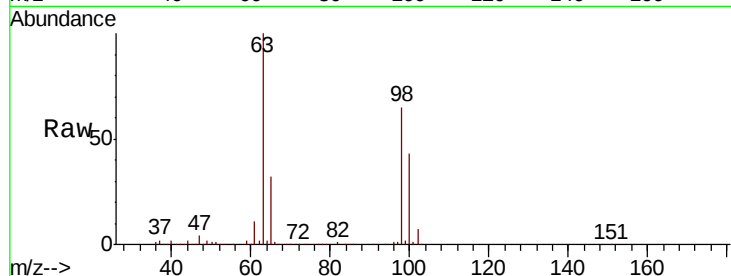
Tgt Ion: 101 Resp: 2426

Ion Ratio Lower Upper

101 100

85 8.2 33.4 50.2#

151 7.5 65.8 98.6#



#39

cis-1,3-Dichloropropene

Concen: 0.655 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029919.D

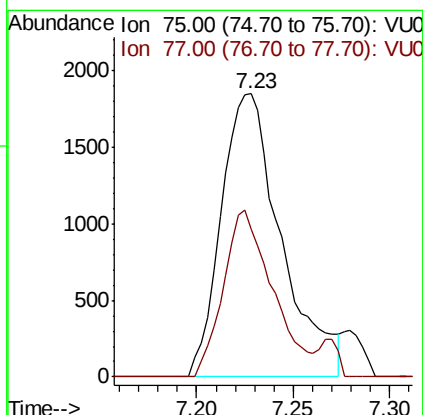
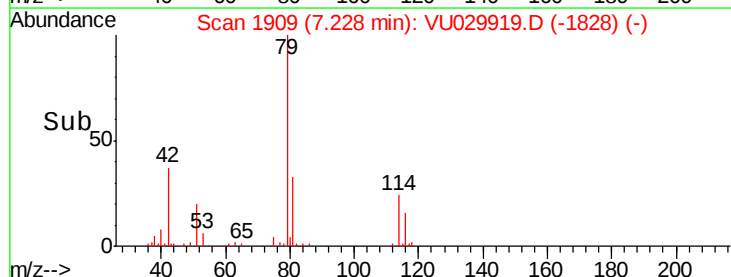
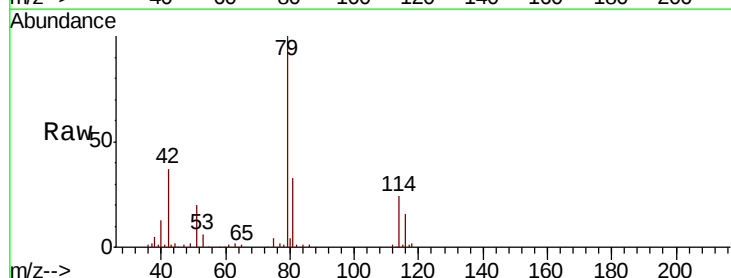
Acq: 09 Mar 2019 14:56

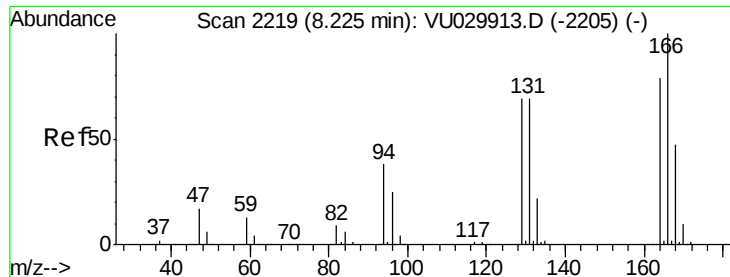
Tgt Ion: 75 Resp: 3983

Ion Ratio Lower Upper

75 100

77 52.1 22.5 41.9#





#46

Tetrachloroethene

Concen: 2.794 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029919.D

Acq: 09 Mar 2019 14:56

Instrument :

MSVOA_U

ClientSampleId :

BF2L0

Tgt Ion:164 Resp: 9942

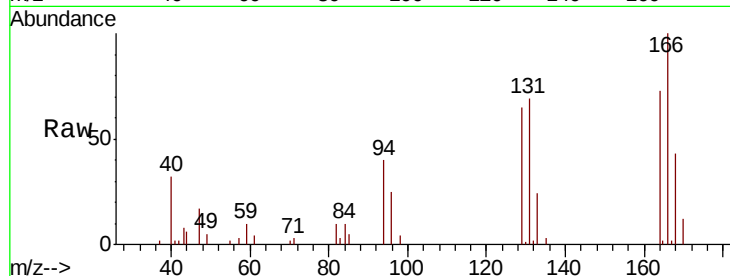
Ion Ratio Lower Upper

164 100

129 89.4 61.0 113.2

131 94.6 60.5 112.3

166 136.7 88.3 163.9

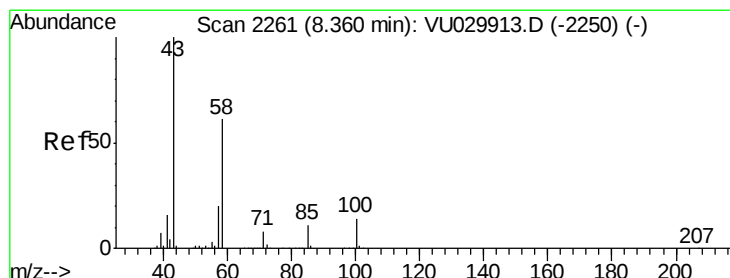
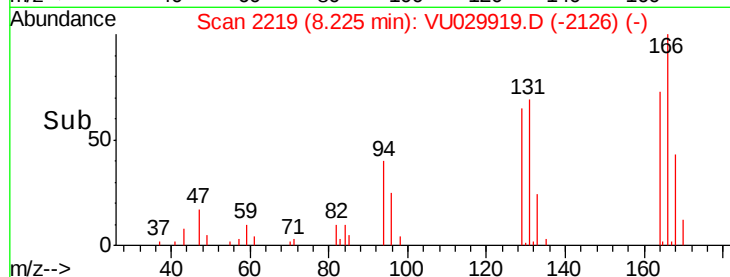
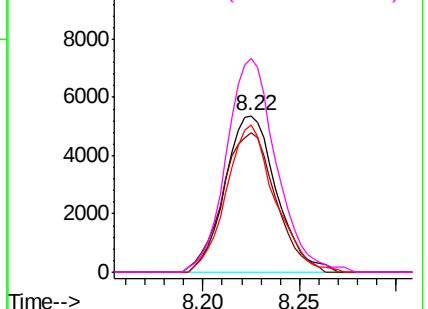


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.746 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

Lab File: VU029919.D

Acq: 09 Mar 2019 14:56

Tgt Ion: 43 Resp: 16871

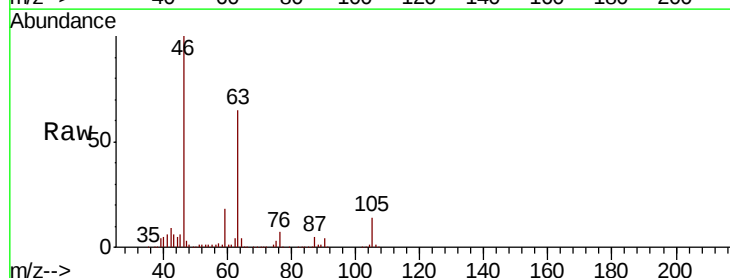
Ion Ratio Lower Upper

43 100

58 26.3 49.2 73.8#

57 28.2 16.6 25.0#

100 0.0 11.4 17.0#

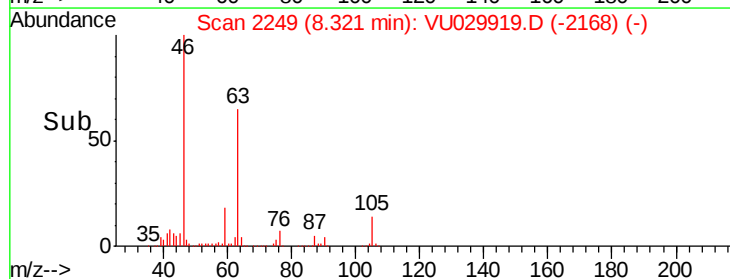
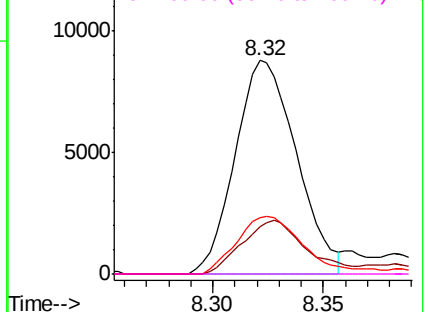


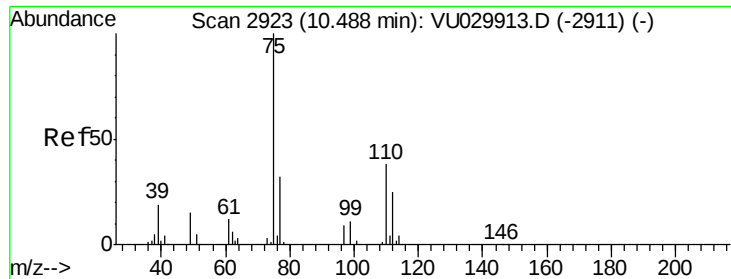
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#59

1,2,3-Trichloropropane

Concen: 5.804 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029919.D

Acq: 09 Mar 2019 14:56

Instrument :

MSVOA_U

ClientSampleId :

BF2L0

Tgt Ion: 75 Resp: 30737

Ion Ratio Lower Upper

75 100

77 35.0 26.1 39.1

