

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029920.D
 Acq On : 09 Mar 2019 15:19
 Operator : JC/SP
 Sample : K1789-14
 Misc : 6.41g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0P7

Quant Time: Mar 11 02:25:11 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	561710	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	561217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	296590	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	132221	38.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.16%
7) Chloroethane-d5	1.70	69	20	0.01	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.02%#
11) 1,1-Dichloroethene-d2	2.23	63	182689	28.28	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.56%#
21) 2-Butanone-d5	4.19	46	205863	77.53	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.53%
24) Chloroform-d	4.64	84	237741	35.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.28%
26) 1,2-Dichloroethane-d4	5.30	65	147461	37.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.46%
32) Benzene-d6	5.33	84	528773	37.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.62%
36) 1,2-Dichloropropane-d6	6.32	67	161002	38.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.22%
41) Toluene-d8	7.56	98	491918	36.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.32%#
43) trans-1,3-Dichloropropene-	7.85	79	74096	36.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.50%
47) 2-Hexanone-d5	8.32	63	190684	83.90	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271351	40.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	222449	38.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.48%#

Target Compounds

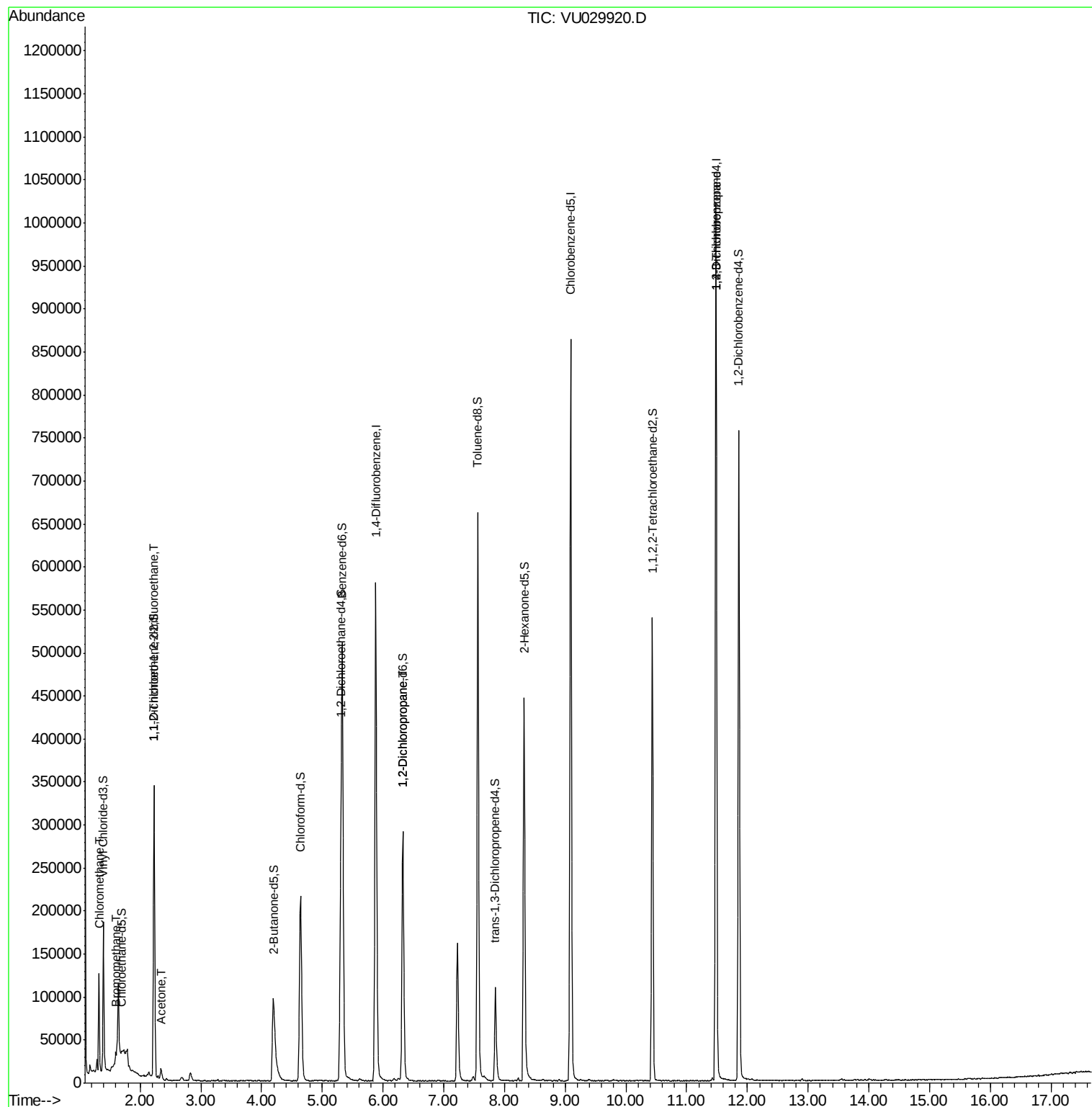
					Qvalue
3) Chloromethane	1.32	50	84231	14.856	ug/L 99
6) Bromomethane	1.60	94	3960	3.401	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2173	0.607	ug/L # 28
13) Acetone	2.34	43	1679	0.580	ug/L 63
37) 1,2-Dichloropropane	6.32	63	16186	4.143	ug/L # 87
59) 1,2,3-Trichloropropane	11.48	75	30098	5.812	ug/L 94

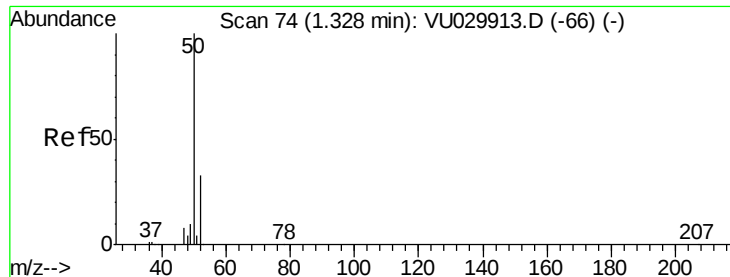
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 14.856 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029920.D

Acq: 09 Mar 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

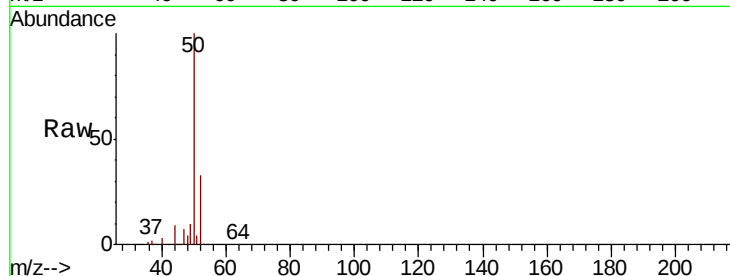
BF0P7

Tgt Ion: 50 Resp: 84231

Ion Ratio Lower Upper

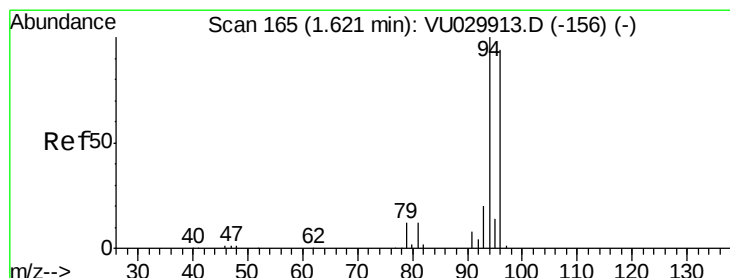
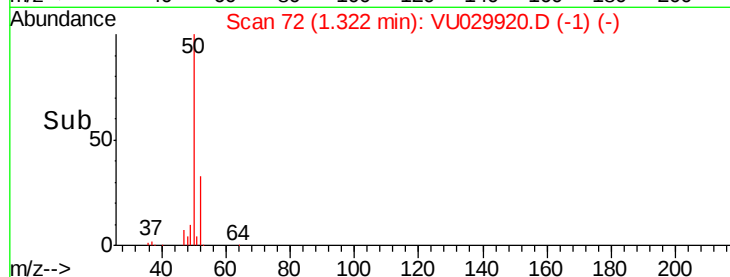
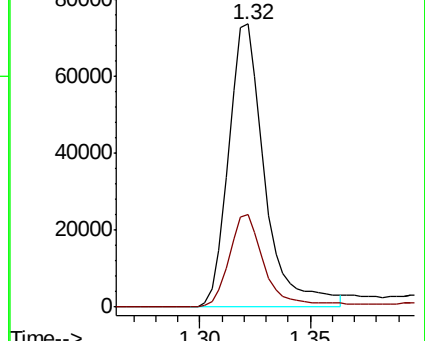
50 100

52 32.6 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: 3.401 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029920.D

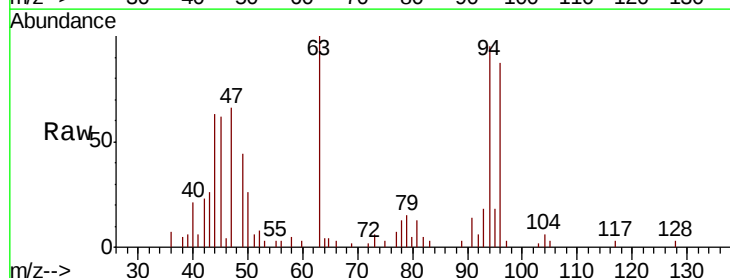
Acq: 09 Mar 2019 15:19

Tgt Ion: 94 Resp: 3960

Ion Ratio Lower Upper

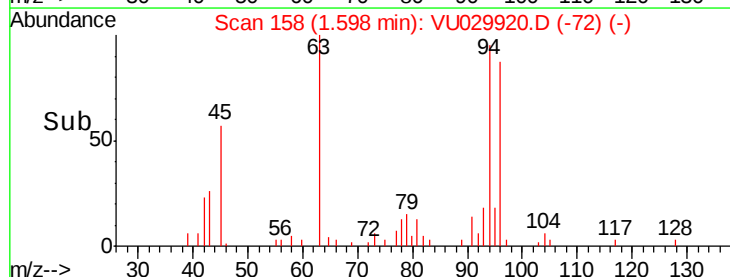
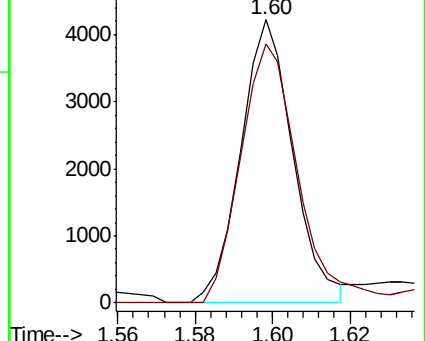
94 100

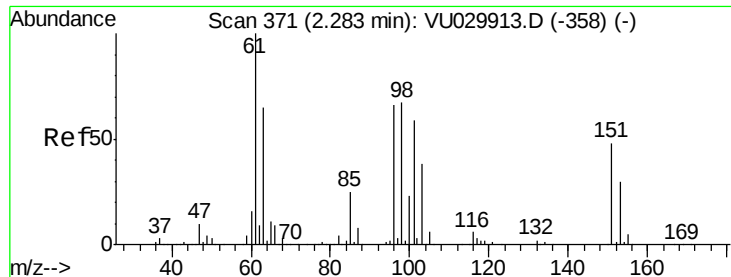
96 91.6 65.7 121.9



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: 0.607 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

Lab File: VU029920.D

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BF0P7

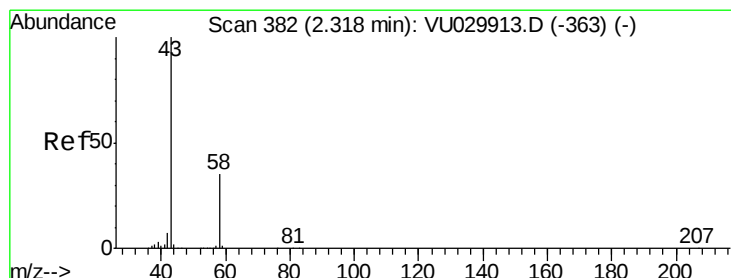
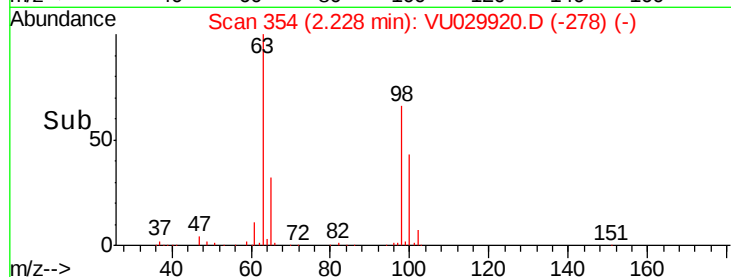
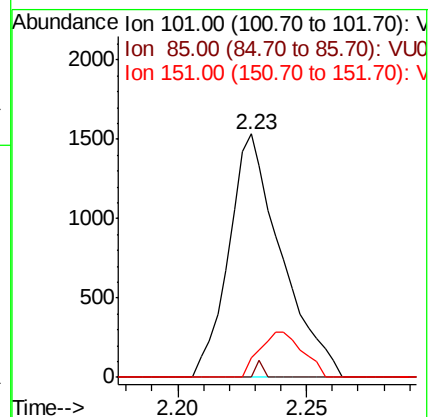
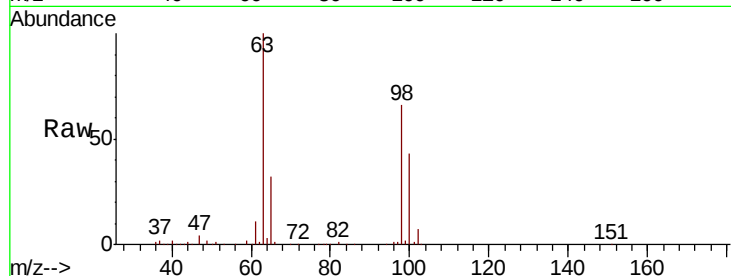
Tgt Ion: 101 Resp: 2173

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

151 15.4 65.8 98.6#



#13

Acetone

Concen: 0.580 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.03 min

Lab File: VU029920.D

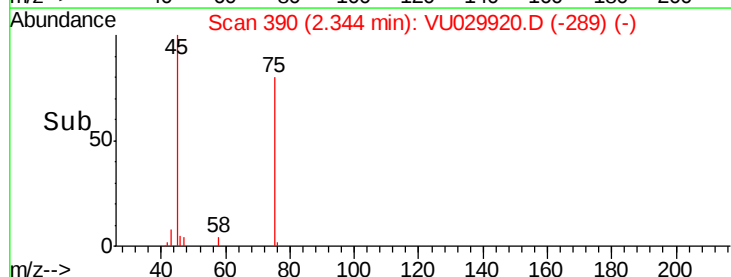
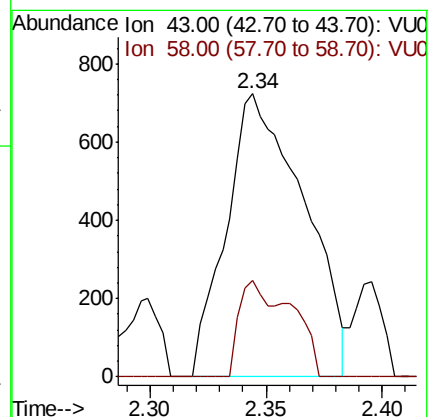
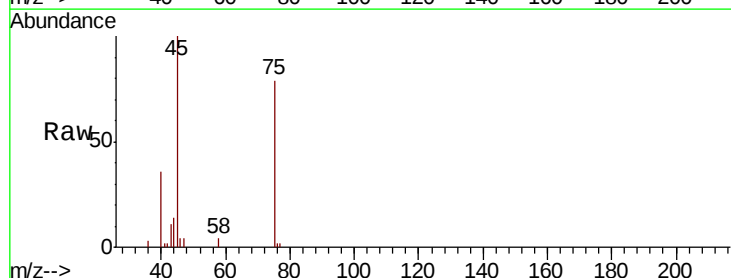
Acq: 09 Mar 2019 15:19

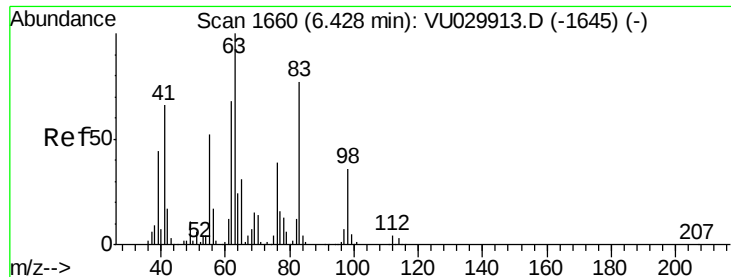
Tgt Ion: 43 Resp: 1679

Ion Ratio Lower Upper

43 100

58 13.7 0.0 70.2





#37

1,2-Dichloropropane

Concen: 4.143 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU029920.D

Acq: 09 Mar 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

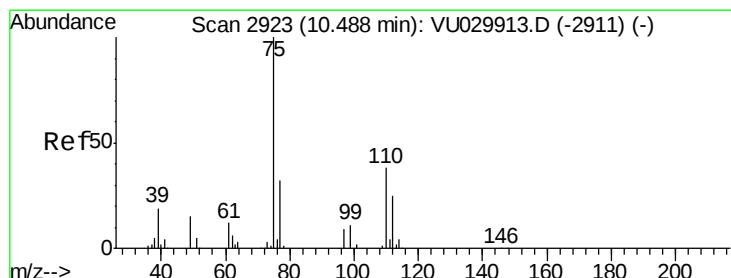
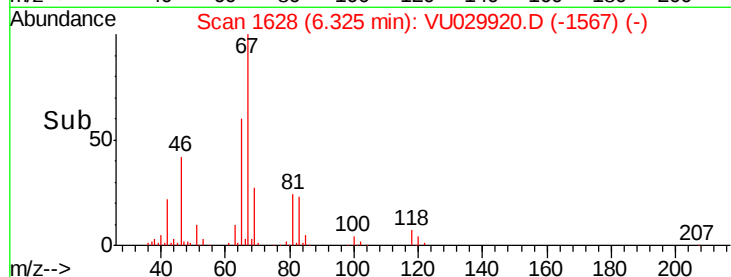
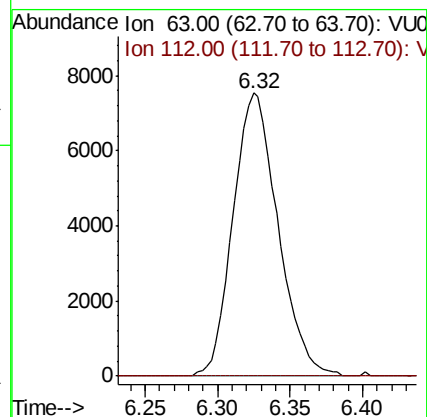
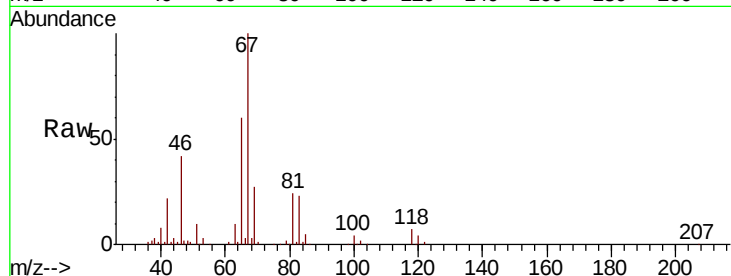
BF0P7

Tgt Ion: 63 Resp: 16186

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#59

1,2,3-Trichloropropane

Concen: 5.812 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029920.D

Acq: 09 Mar 2019 15:19

Tgt Ion: 75 Resp: 30098

Ion Ratio Lower Upper

75 100

77 35.8 26.1 39.1

