

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029936.D
 Acq On : 09 Mar 2019 21:31
 Operator : JC/SP
 Sample : K1818-09
 Misc : 5.54g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Q9

Quant Time: Mar 11 02:27:04 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	564155	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	557903	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	277215	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142454	41.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.78%
7) Chloroethane-d5	1.70	69	90	0.03	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.23	63	198851	30.65	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.30%
21) 2-Butanone-d5	4.20	46	230040	86.26	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.26%
24) Chloroform-d	4.64	84	266279	39.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.50%
26) 1,2-Dichloroethane-d4	5.30	65	166779	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.98%
32) Benzene-d6	5.33	84	584369	42.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.06%
36) 1,2-Dichloropropane-d6	6.32	67	178259	42.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.90%
41) Toluene-d8	7.56	98	540566	40.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.04%
43) trans-1,3-Dichloropropene-	7.85	79	79893	39.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.62%
47) 2-Hexanone-d5	8.32	63	211720	93.71	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295528	44.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	231317	42.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.08%

Target Compounds

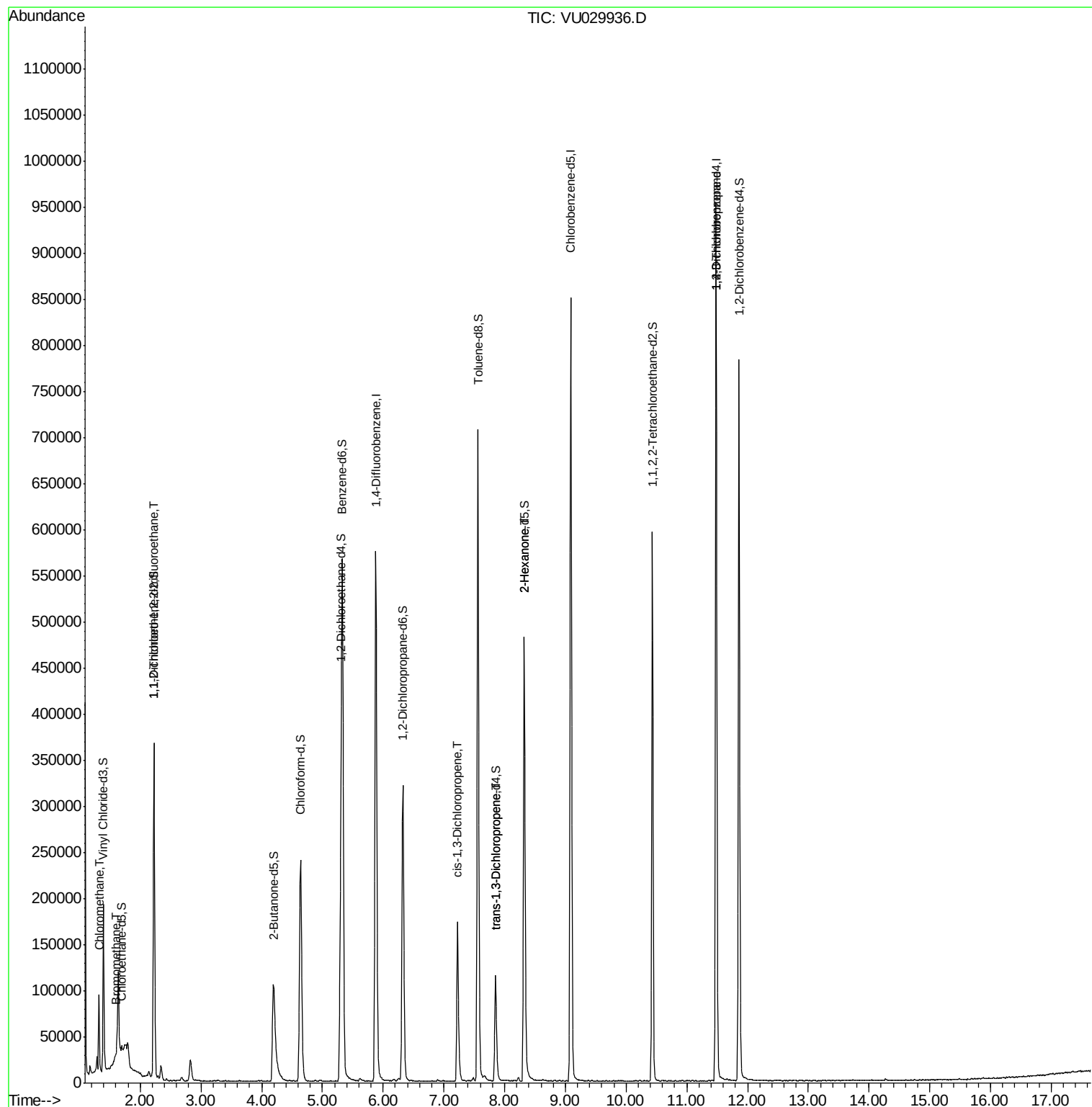
					Qvalue
3) Chloromethane	1.32	50	62765	11.022	ug/L 99
6) Bromomethane	1.60	94	3175	2.715	ug/L 94
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2261	0.629	ug/L # 17
39) cis-1,3-Dichloropropene	7.23	75	4366	0.739	ug/L # 68
44) trans-1,3-Dichloropropene	7.85	75	3009	0.571	ug/L 91
48) 2-Hexanone	8.32	43	20591	4.703	ug/L # 64
59) 1,2,3-Trichloropropane	11.48	75	27812	5.402	ug/L 95

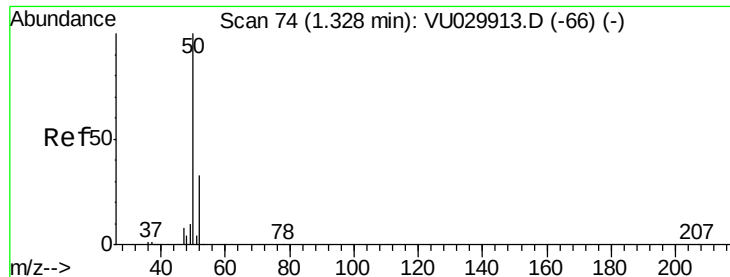
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 11.022 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029936.D

Acq: 09 Mar 2019 21:31

Instrument :

MSVOA_U

ClientSampled :

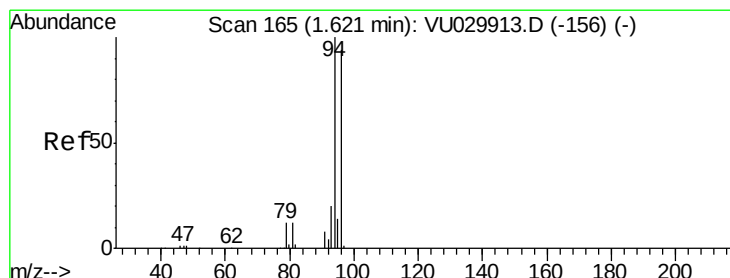
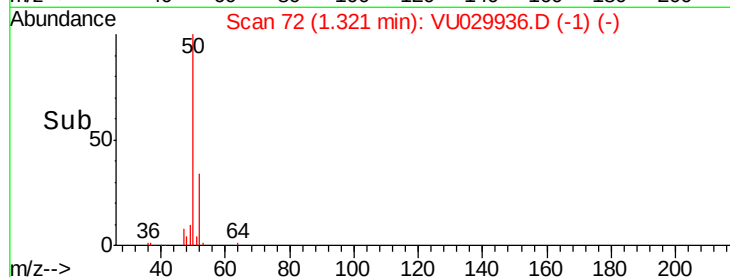
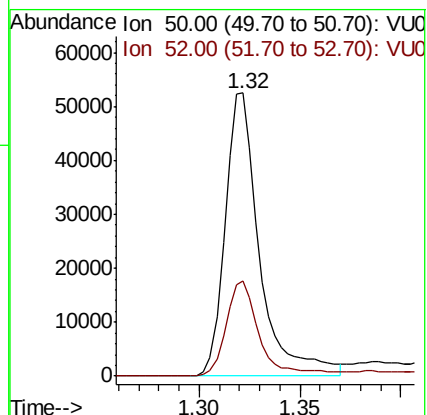
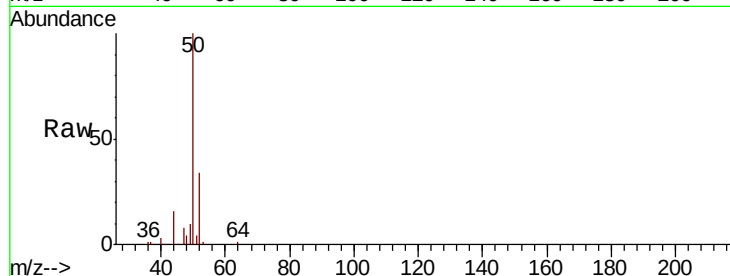
BF0Q9

Tgt Ion: 50 Resp: 62765

Ion Ratio Lower Upper

50 100

52 33.7 23.1 42.9



#6

Bromomethane

Concen: 2.715 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029936.D

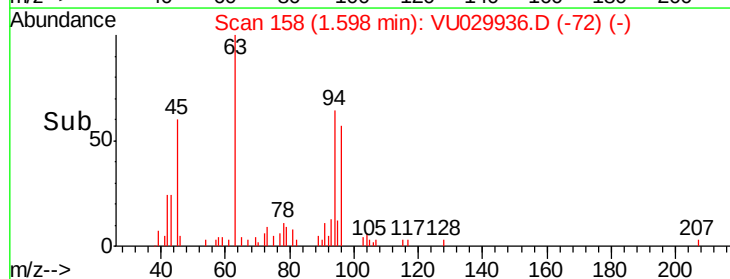
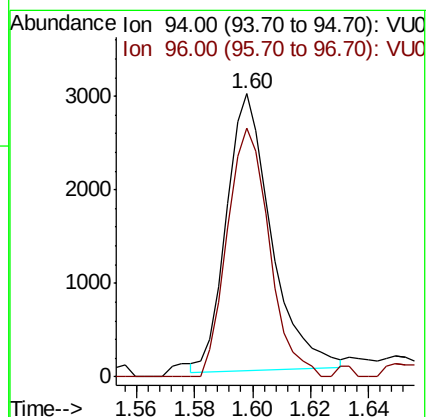
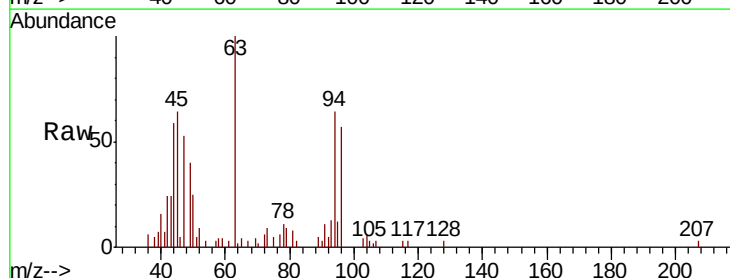
Acq: 09 Mar 2019 21:31

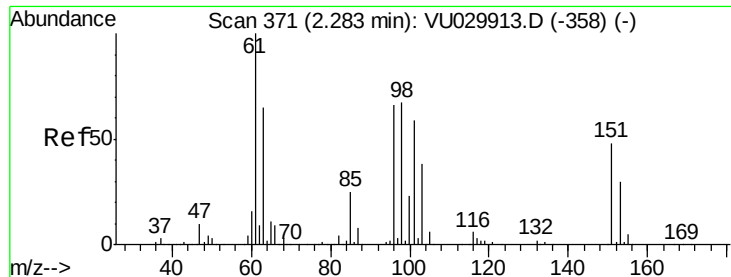
Tgt Ion: 94 Resp: 3175

Ion Ratio Lower Upper

94 100

96 87.9 65.7 121.9





#10

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

Concen: 0.629 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

Lab File: VU029936.D

Acq: 09 Mar 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

BF0Q9

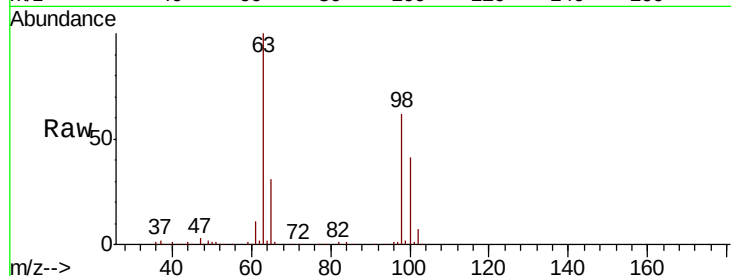
Tgt Ion: 101 Resp: 2261

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

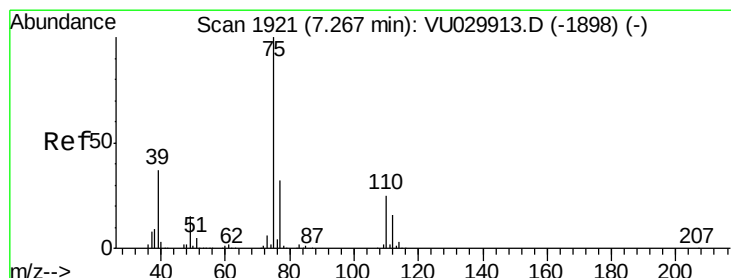
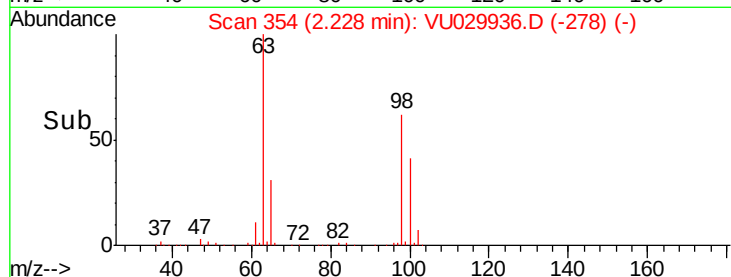
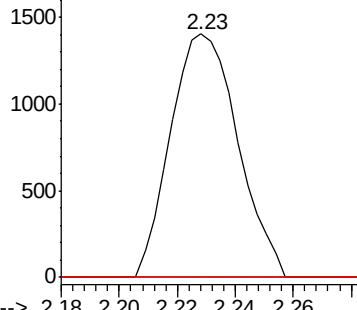
151 0.0 65.8 98.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.739 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029936.D

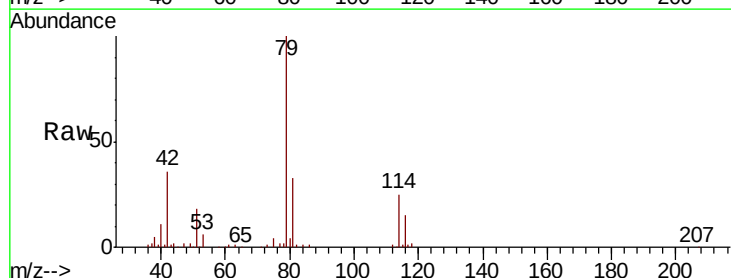
Acq: 09 Mar 2019 21:31

Tgt Ion: 75 Resp: 4366

Ion Ratio Lower Upper

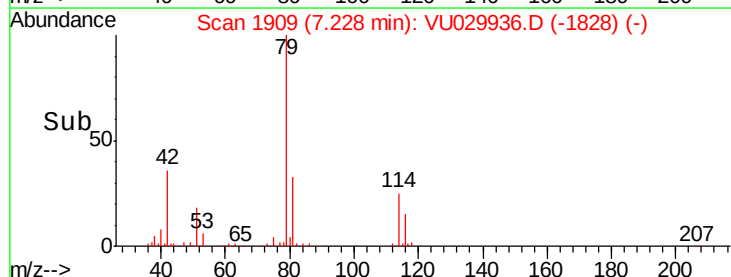
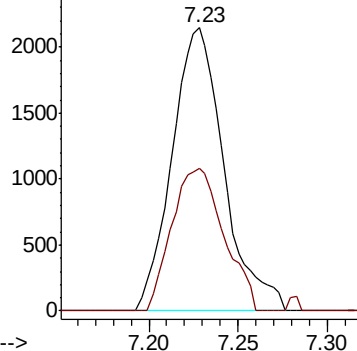
75 100

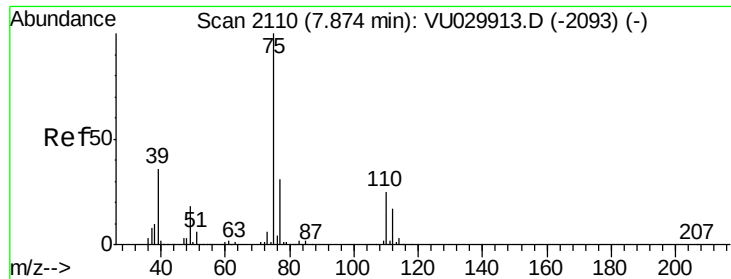
77 50.3 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

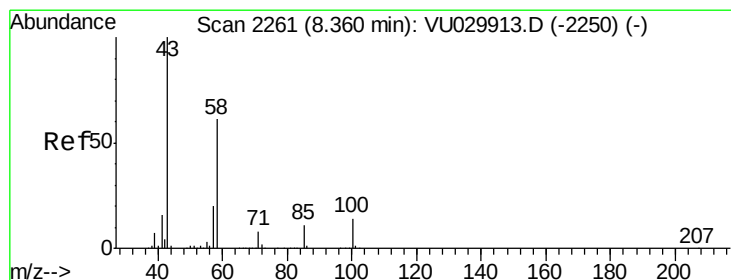
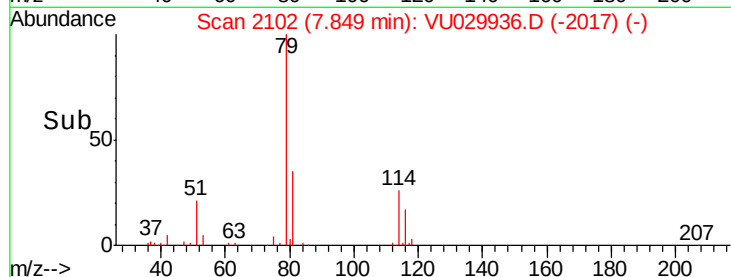
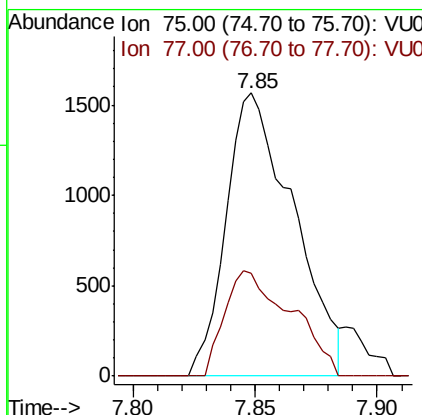
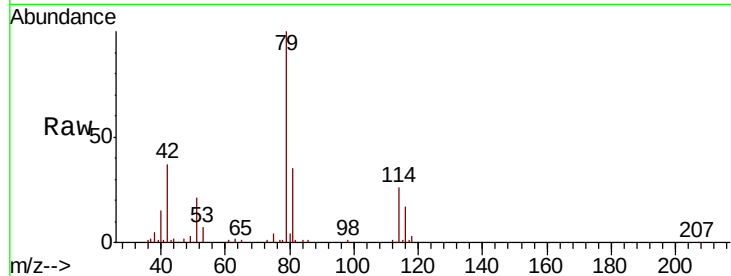




#44
trans-1,3-Dichloropropene
Concen: 0.571 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029936.D
Acq: 09 Mar 2019 21:31

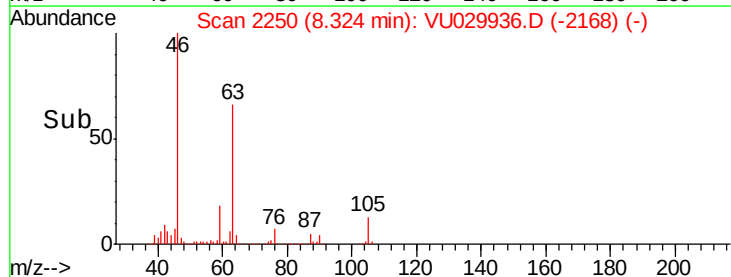
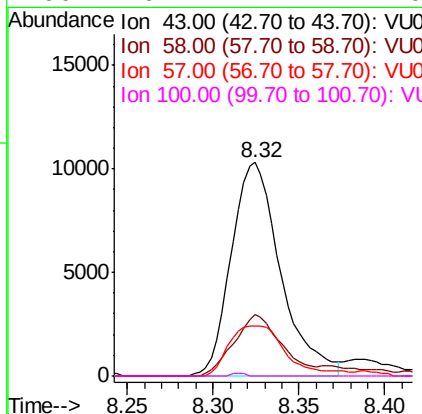
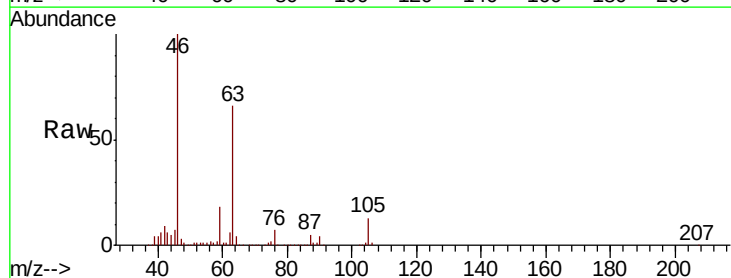
Instrument :
MSVOA_U
ClientSampleId :
BF0Q9

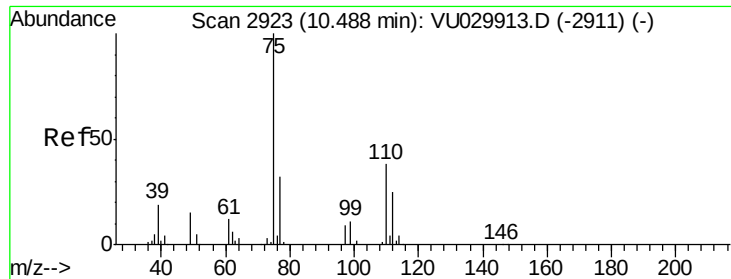
Tgt Ion: 75 Resp: 3009
Ion Ratio Lower Upper
75 100
77 36.1 21.8 40.6



#48
2-Hexanone
Concen: 4.703 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU029936.D
Acq: 09 Mar 2019 21:31

Tgt Ion: 43 Resp: 20591
Ion Ratio Lower Upper
43 100
58 27.6 49.2 73.8#
57 27.0 16.6 25.0#
100 0.4 11.4 17.0#





#59

1,2,3-Trichloropropane

Concen: 5.402 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029936.D

Acq: 09 Mar 2019 21:31

Instrument :

MSVOA_U

ClientSampleId :

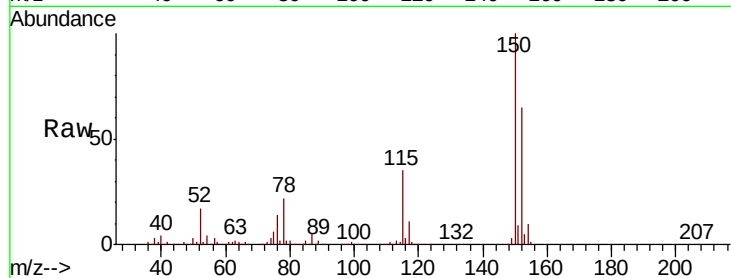
BF0Q9

Tgt Ion: 75 Resp: 27812

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

