

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029923.D
 Acq On : 09 Mar 2019 16:29
 Operator : JC/SP
 Sample : K1789-17
 Misc : 5.99g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Q0

Quant Time: Mar 11 02:25:29 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	550311	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	553438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	292459	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	143394	42.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.42%
7) Chloroethane-d5	1.78	69	225	0.08	ug/L	0.11
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.16%#
11) 1,1-Dichloroethene-d2	2.23	63	199602	31.54	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.08%
21) 2-Butanone-d5	4.19	46	221711	85.23	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.23%
24) Chloroform-d	4.64	84	261364	40.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.30	65	160954	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.08%
32) Benzene-d6	5.33	84	571938	41.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.94%
36) 1,2-Dichloropropane-d6	6.32	67	171447	41.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.32%
41) Toluene-d8	7.56	98	533168	40.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.58%
43) trans-1,3-Dichloropropene-	7.85	79	80509	39.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.88%
47) 2-Hexanone-d5	8.32	63	209738	93.58	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295649	44.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	242773	42.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.64%

Target Compounds

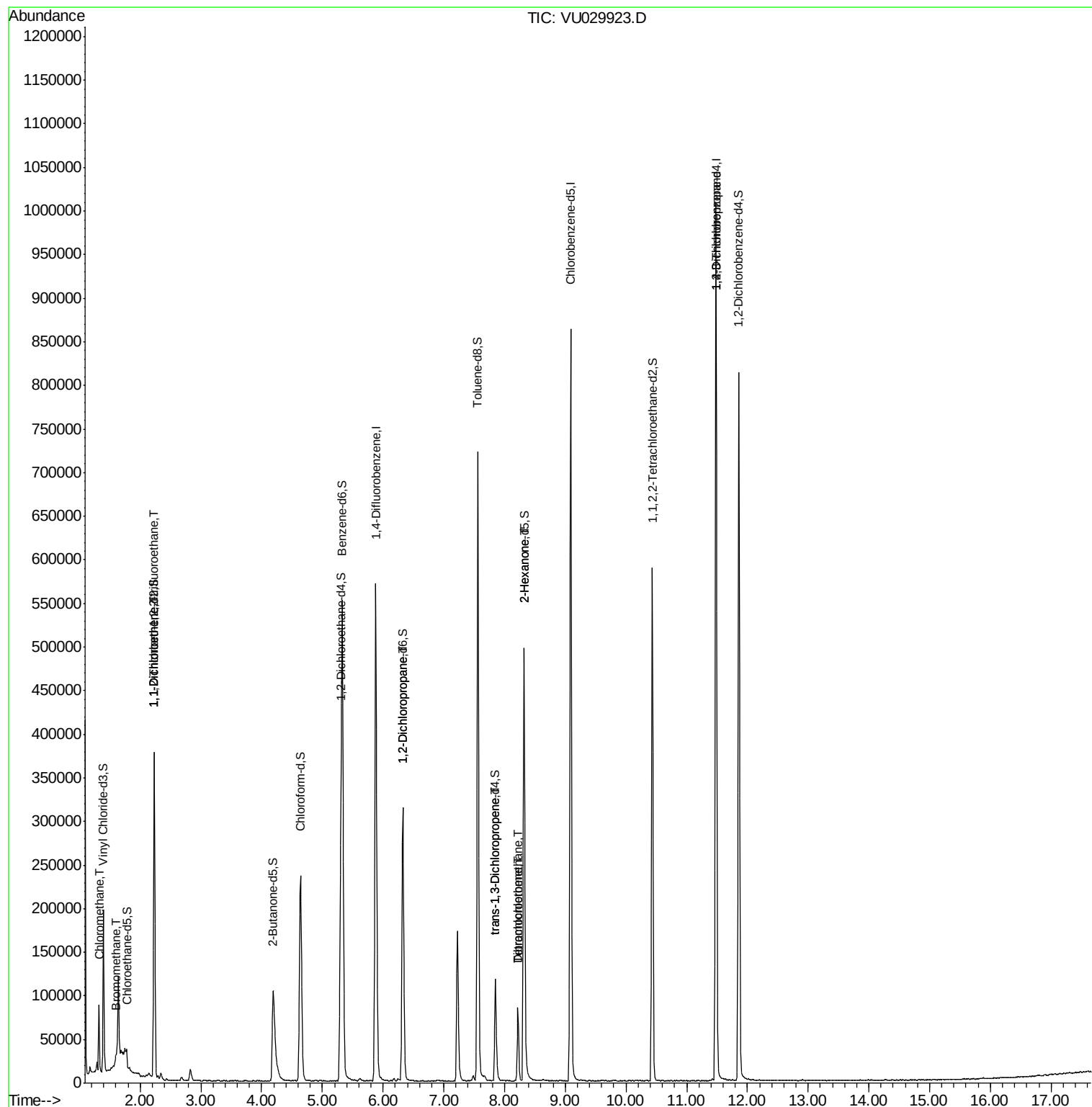
					Qvalue
3) Chloromethane	1.32	50	59692	10.746	ug/L 100
6) Bromomethane	1.60	94	2860	2.507	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2456	0.700	ug/L # 25
12) 1,1-Dichloroethene	2.23	96	1908	0.561	ug/L # 1
37) 1,2-Dichloropropane	6.32	63	17138	4.448	ug/L # 87
44) trans-1,3-Dichloropropene	7.85	75	3192	0.611	ug/L 98
46) Tetrachloroethene	8.22	164	21283	6.202	ug/L 94
48) 2-Hexanone	8.32	43	20686	4.763	ug/L # 62
49) Dibromochloromethane	8.22	129	19637	4.587	ug/L # 11
59) 1,2,3-Trichloropropane	11.48	75	29930	5.861	ug/L 98

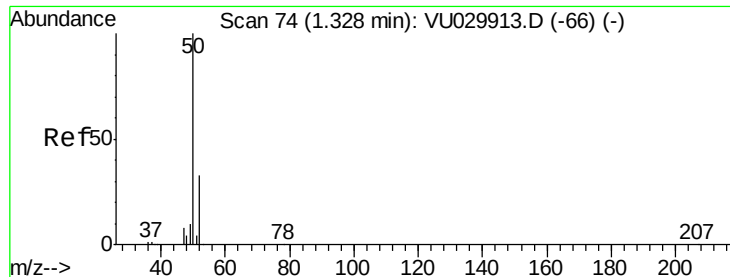
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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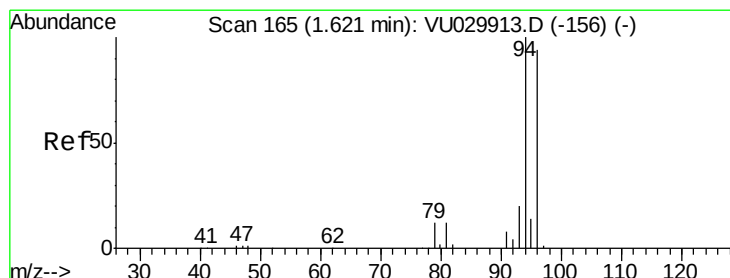
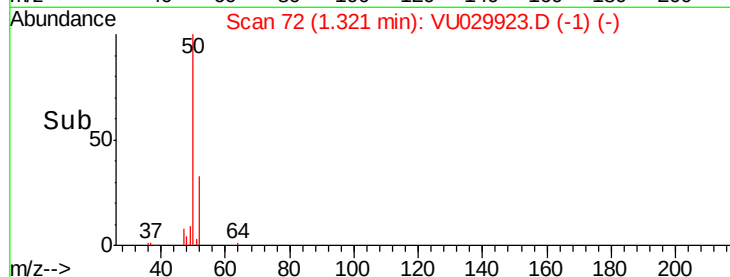
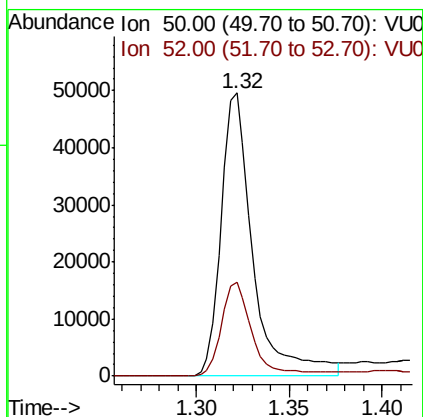
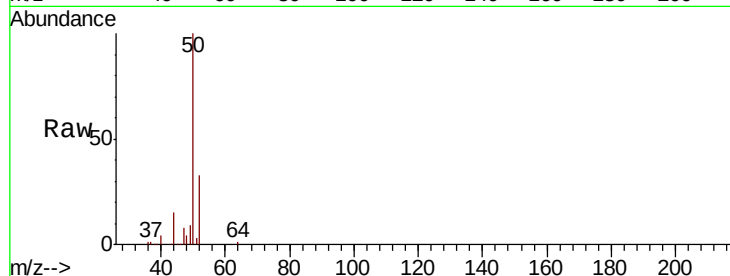




#3
Chloromethane
Concen: 10.746 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.01 min
Lab File: VU029923.D
Acq: 09 Mar 2019 16:29

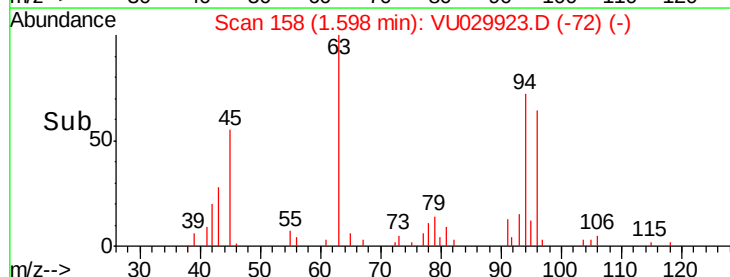
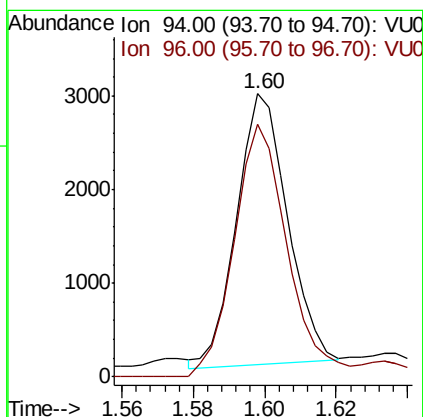
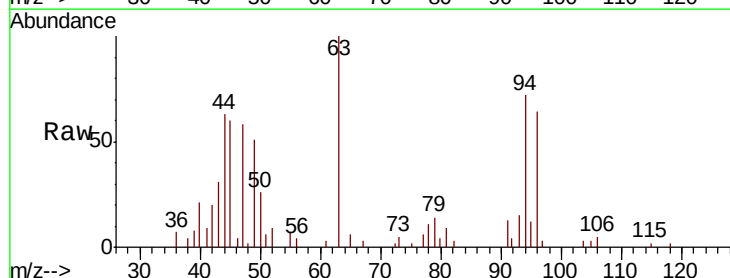
Instrument :
MSVOA_U
ClientSampled :
BF0Q0

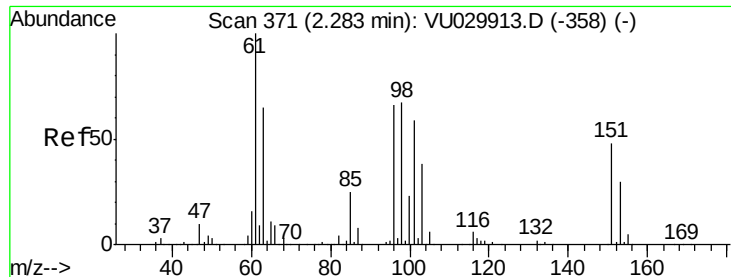
Tgt Ion: 50 Resp: 59692
Ion Ratio Lower Upper
50 100
52 33.2 23.1 42.9



#6
Bromomethane
Concen: 2.507 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.02 min
Lab File: VU029923.D
Acq: 09 Mar 2019 16:29

Tgt Ion: 94 Resp: 2860
Ion Ratio Lower Upper
94 100
96 89.1 65.7 121.9





#10

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

Concen: 0.700 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

Lab File: VU029923.D

Acq: 09 Mar 2019 16:29

Instrument :

MSVOA_U

ClientSampleId :

BF0Q0

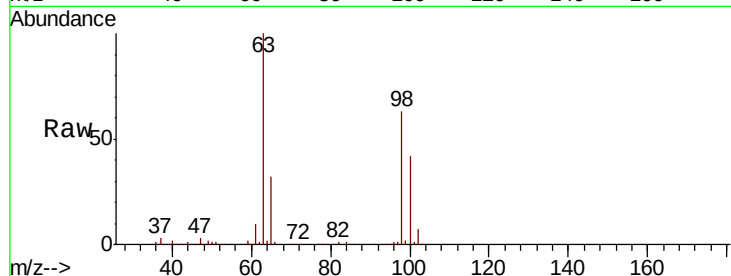
Tgt Ion:101 Resp: 2456

Ion Ratio Lower Upper

101 100

85 4.2 33.4 50.2#

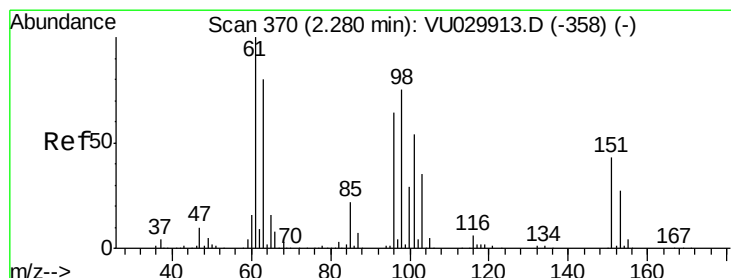
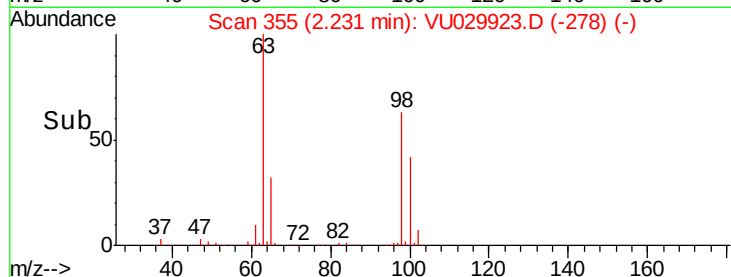
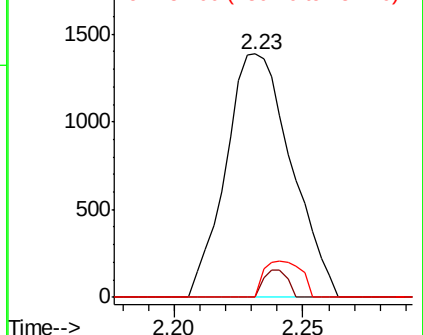
151 8.6 65.8 98.6#



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



#12

1,1-Dichloroethene

Concen: 0.561 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

Lab File: VU029923.D

Acq: 09 Mar 2019 16:29

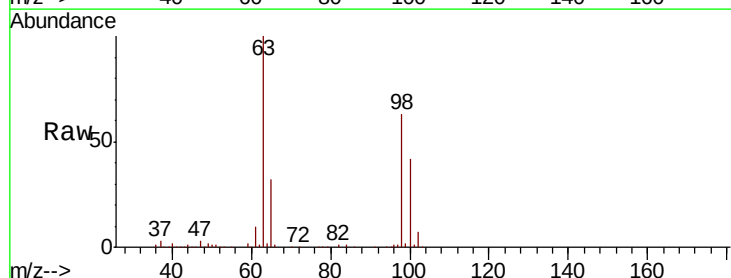
Tgt Ion: 96 Resp: 1908

Ion Ratio Lower Upper

96 100

61 1206.0 109.0 202.4#

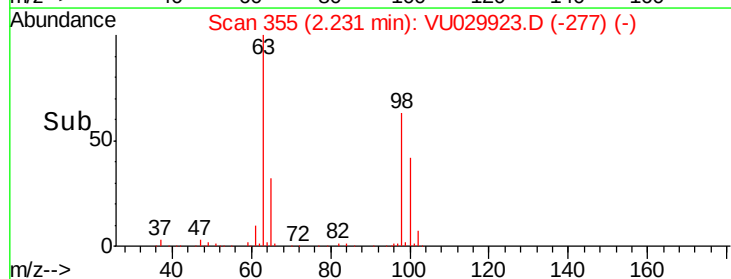
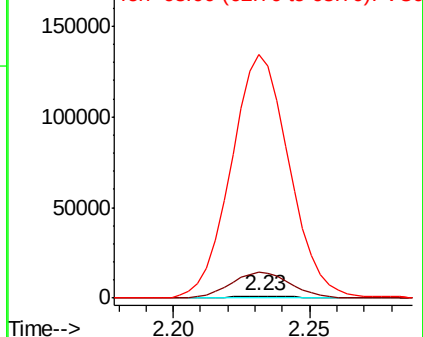
63 11536.5 88.1 163.5#

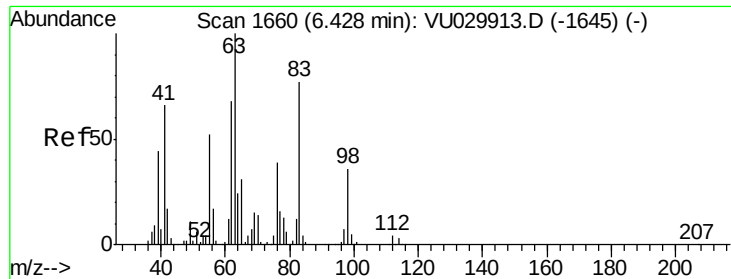


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

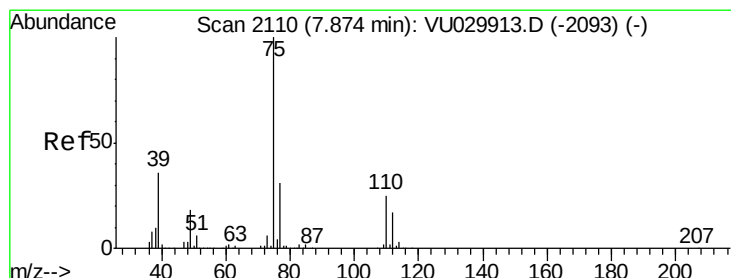
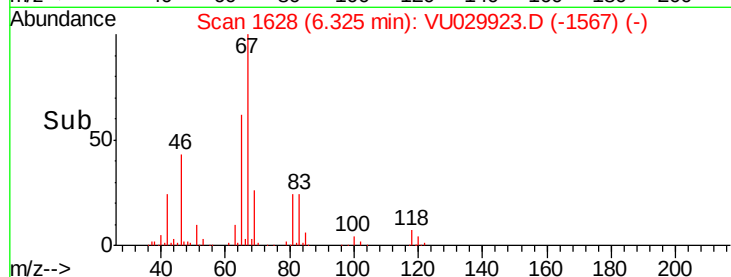
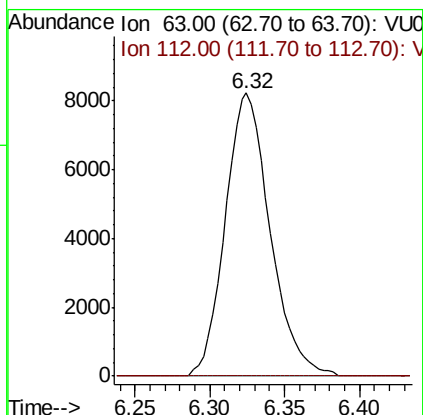
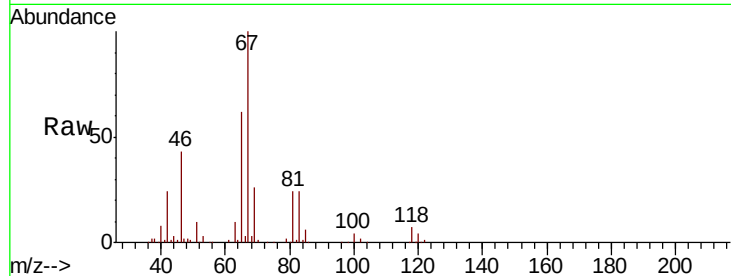




#37
 1,2-Dichloropropane
 Concen: 4.448 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU029923.D
 Acq: 09 Mar 2019 16:29

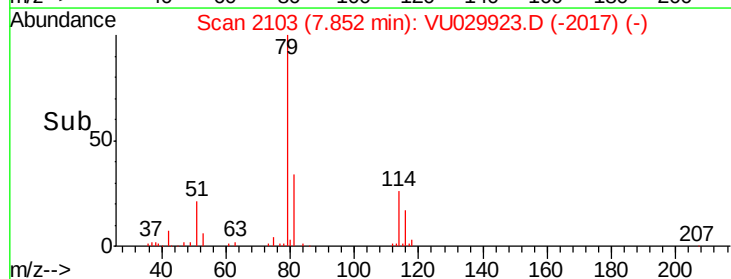
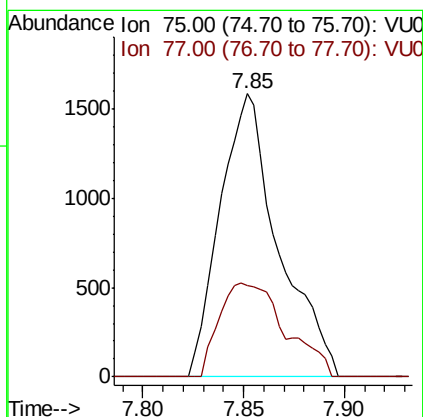
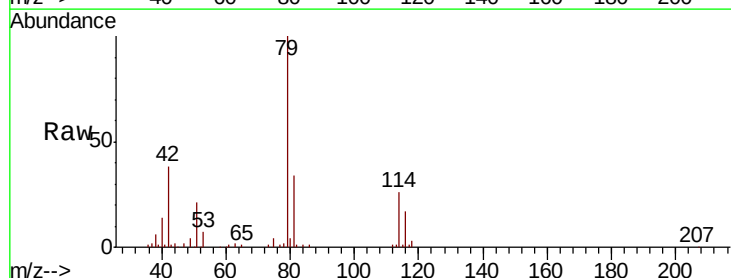
Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Q0

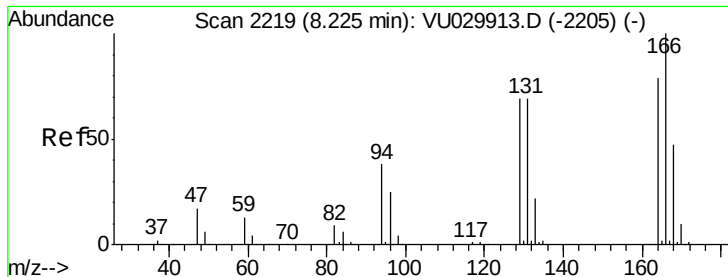
Tgt Ion: 63 Resp: 17138
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.611 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: VU029923.D
 Acq: 09 Mar 2019 16:29

Tgt Ion: 75 Resp: 3192
 Ion Ratio Lower Upper
 75 100
 77 32.3 21.8 40.6

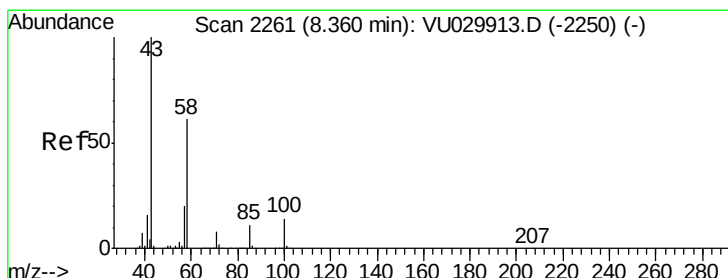
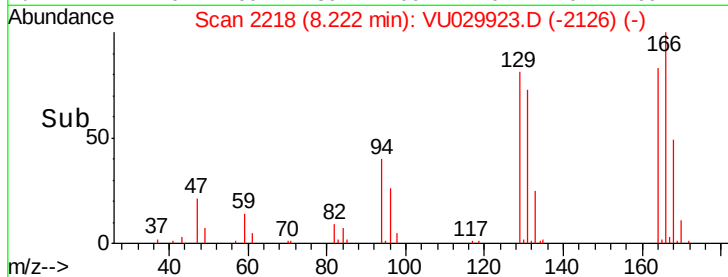
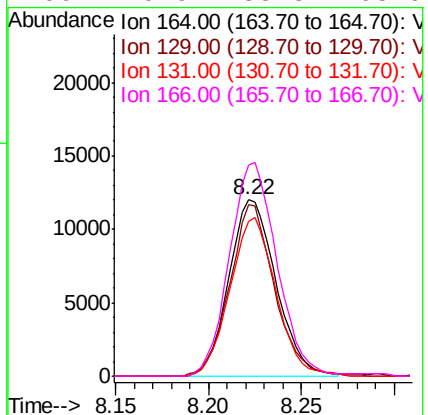
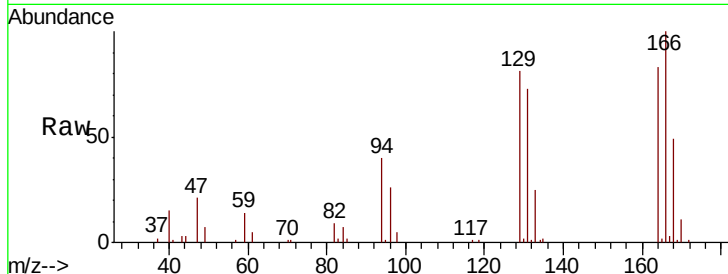




#46
Tetrachloroethene
Concen: 6.202 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029923.D
Acq: 09 Mar 2019 16:29

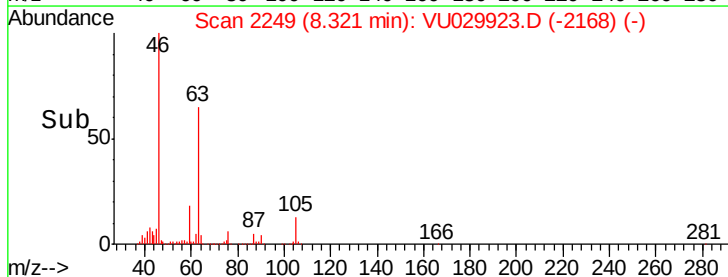
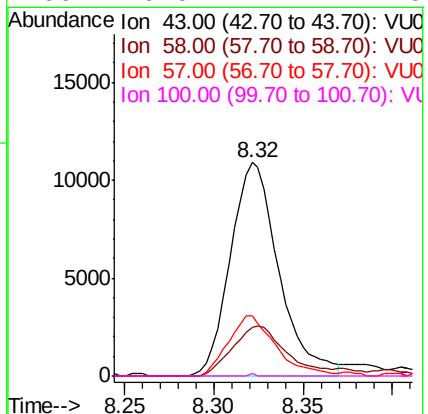
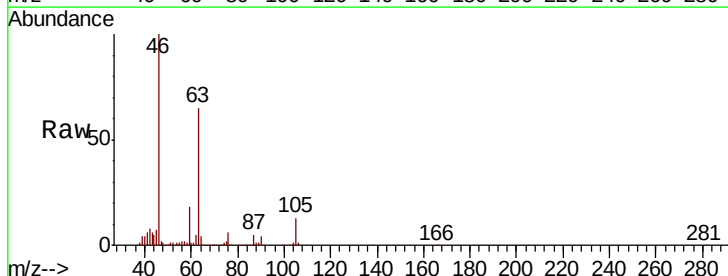
Instrument :
MSVOA_U
ClientSampleId :
BF0Q0

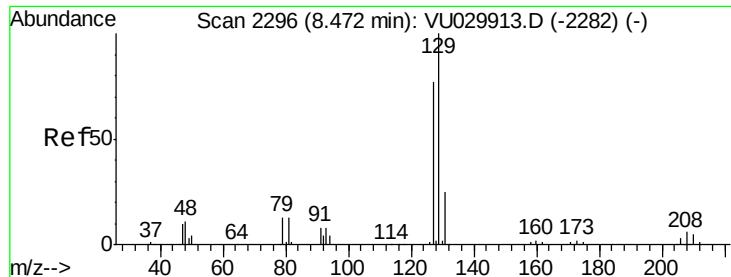
Tgt Ion:164 Resp: 21283
Ion Ratio Lower Upper
164 100
129 97.6 61.0 113.2
131 87.9 60.5 112.3
166 119.9 88.3 163.9



#48
2-Hexanone
Concen: 4.763 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU029923.D
Acq: 09 Mar 2019 16:29

Tgt Ion: 43 Resp: 20686
Ion Ratio Lower Upper
43 100
58 25.8 49.2 73.8#
57 27.9 16.6 25.0#
100 0.0 11.4 17.0#





#49

Dibromochloromethane

Concen: 4.587 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU029923.D

Acq: 09 Mar 2019 16:29

Instrument :

MSVOA_U

ClientSampleId :

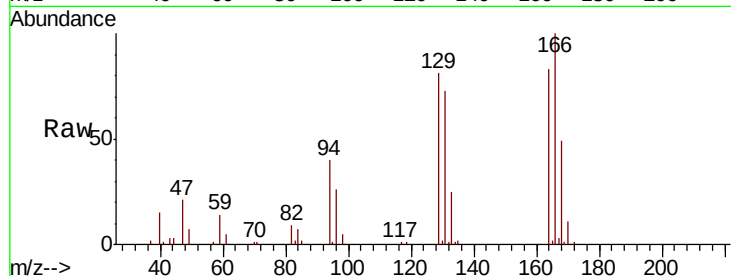
BF0Q0

Tgt Ion:129 Resp: 19637

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

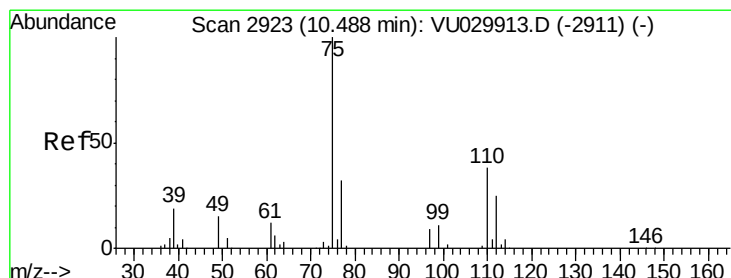
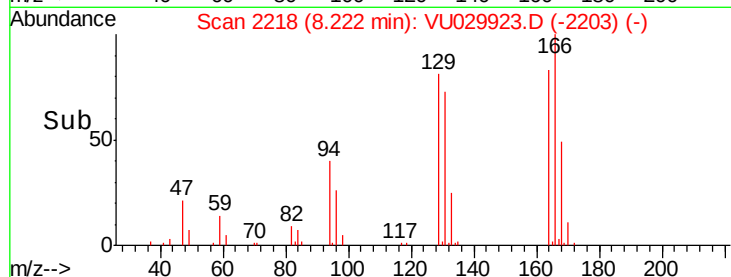
8.22

10000

5000

0

Time--> 8.15 8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 5.861 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029923.D

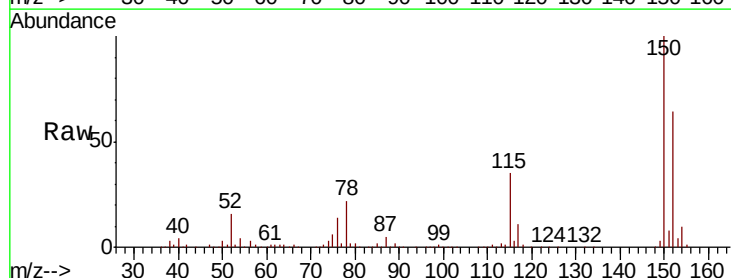
Acq: 09 Mar 2019 16:29

Tgt Ion: 75 Resp: 29930

Ion Ratio Lower Upper

75 100

77 33.6 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

20000

15000

10000

5000

0

Time--> 11.40 11.45 11.50 11.55

