

Data File : VU029995.D
Acq On : 12 Mar 2019 02:53
Operator : JC/SP
Sample : K1796-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5R0

Quant Time: Mar 12 07:12:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 07:07:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	511500	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	494326	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	234841	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	177011	52.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.64%
7) Chloroethane-d5	1.68	69	142840	52.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.27	63	240870	39.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.88%
21) 2-Butanone-d5	4.17	46	255405	100.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.76%
24) Chloroform-d	4.65	84	304004	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
26) 1,2-Dichloroethane-d4	5.31	65	182715	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.22%
32) Benzene-d6	5.34	84	673088	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.33	67	202060	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.76%
41) Toluene-d8	7.56	98	610020	51.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.85	79	88640	46.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.98%
47) 2-Hexanone-d5	8.31	63	214685	98.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292328	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	244777	53.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.62%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2737	0.814 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2035	0.635 ug/L #	1
13) Acetone	2.32	43	82614	27.874 ug/L	100
15) Methyl Acetate	2.62	43	2860	0.747 ug/L	93
37) 1,2-Dichloropropane	6.33	63	20703	5.564 ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	4644	0.802 ug/L #	54
44) trans-1,3-Dichloropropene	7.85	75	3254	0.615 ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	24133	4.980 ug/L	97

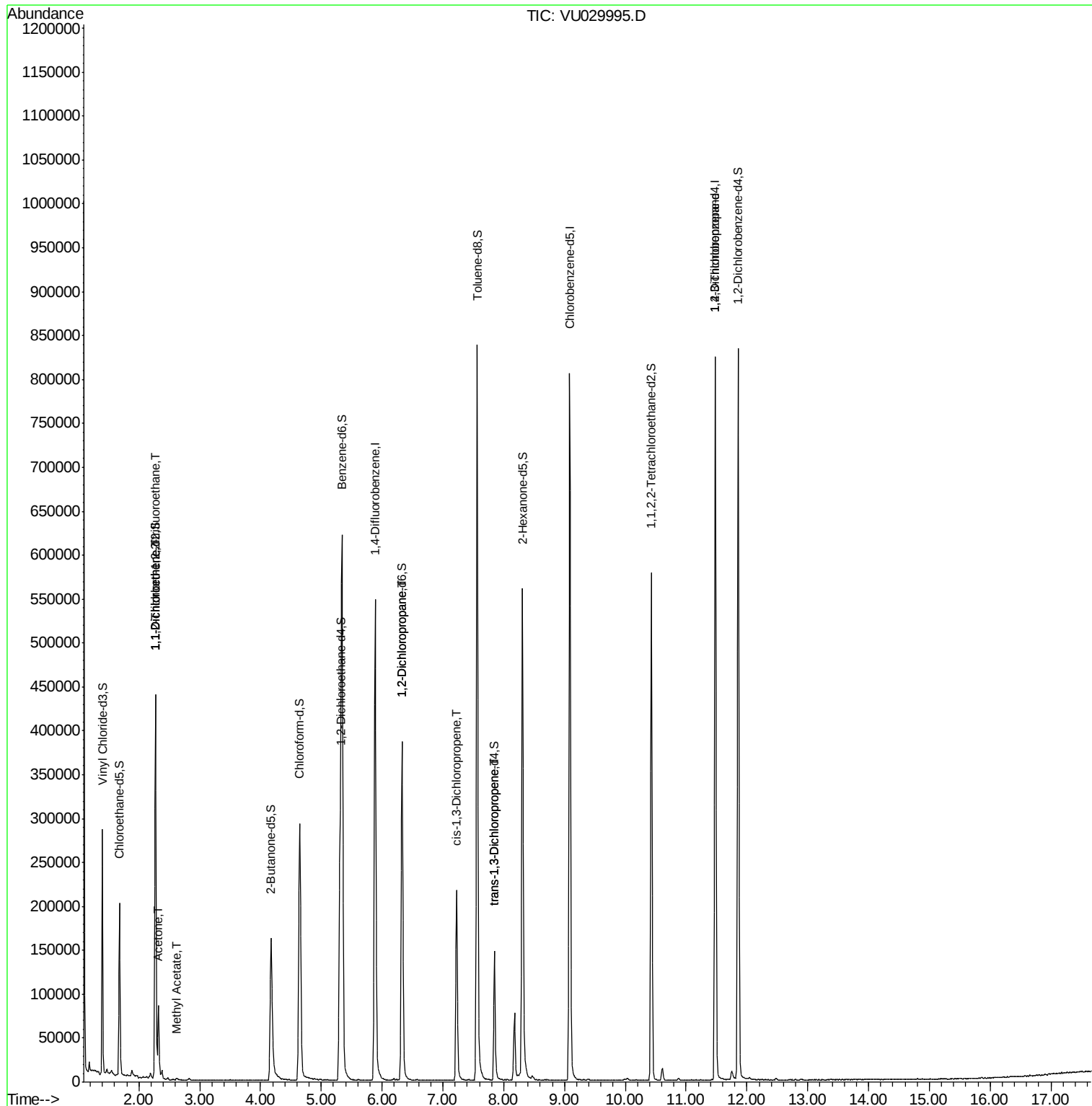
(#) = qualifier out of range (m) = manual integration (+) = signals summed

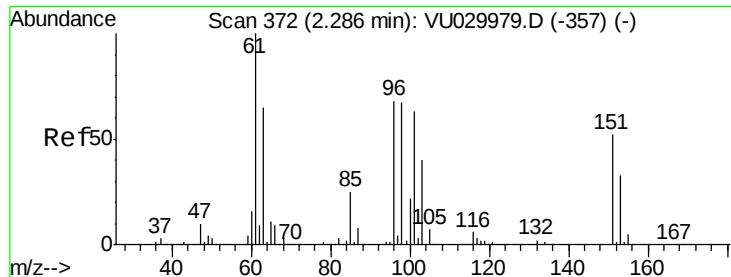
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Response via : Initial Calibration





#10

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

Concen: 0.814 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029995.D

Acq: 12 Mar 2019 02:53

Instrument :

MSVOA_U

ClientSampleId :

BF5R0

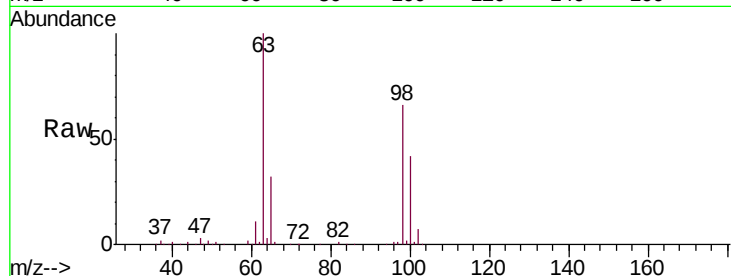
Tgt Ion: 101 Resp: 2737

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

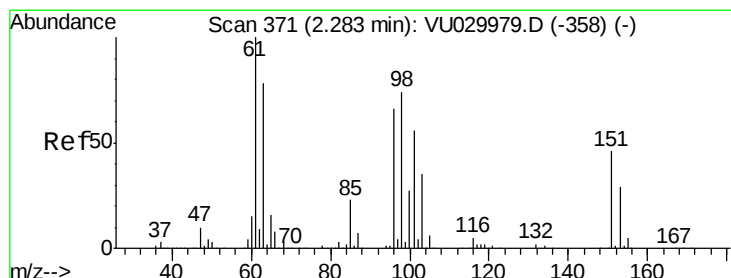
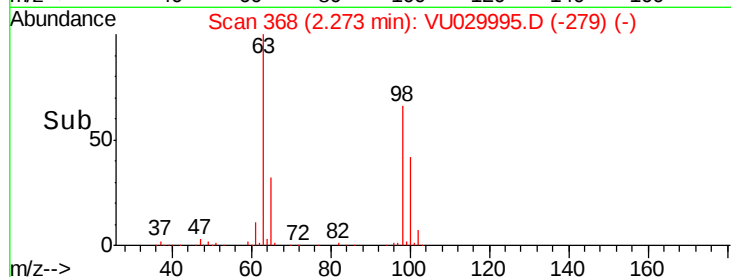
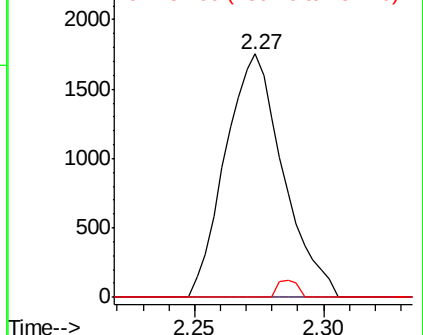
151 2.4 66.1 99.1#



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: 0.635 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029995.D

Acq: 12 Mar 2019 02:53

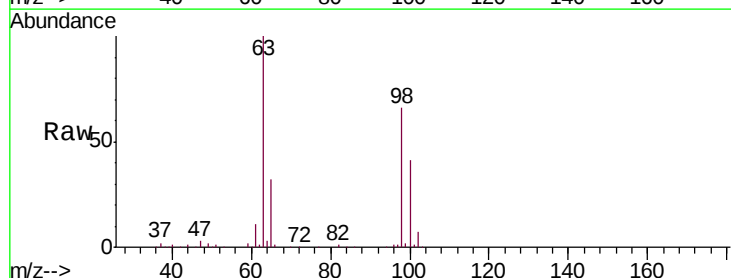
Tgt Ion: 96 Resp: 2035

Ion Ratio Lower Upper

96 100

61 1329.5 110.4 205.0#

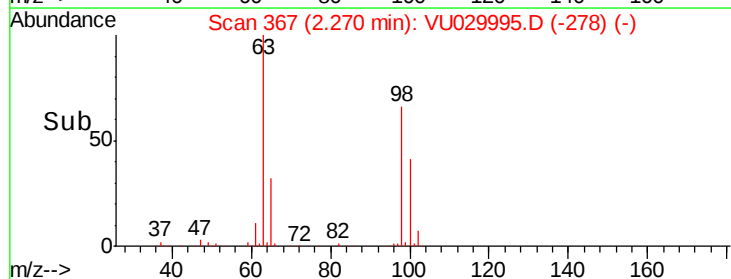
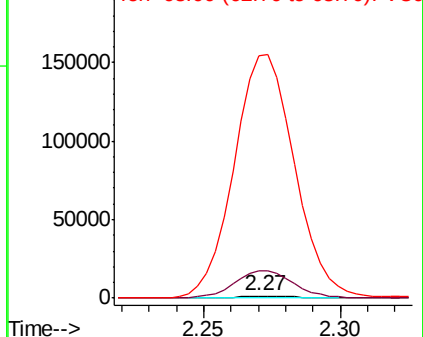
63 11732.5 86.5 160.7#

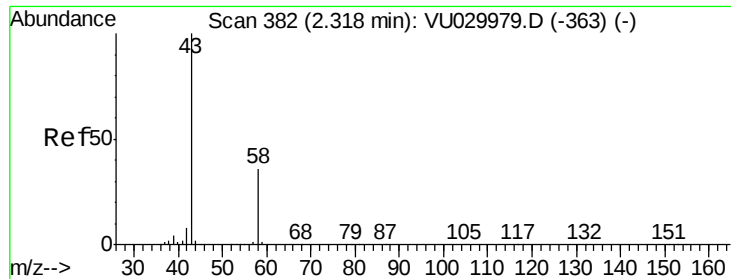


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 27.874 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029995.D

Acq: 12 Mar 2019 02:53

Instrument :

MSVOA_U

ClientSampled :

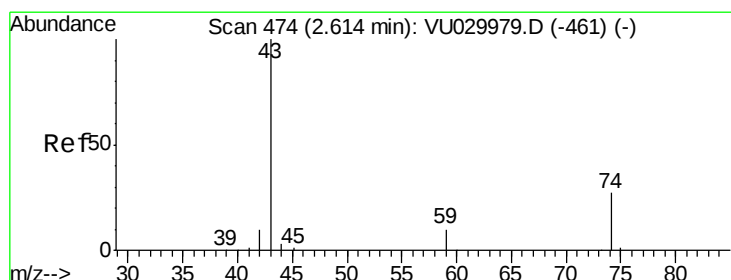
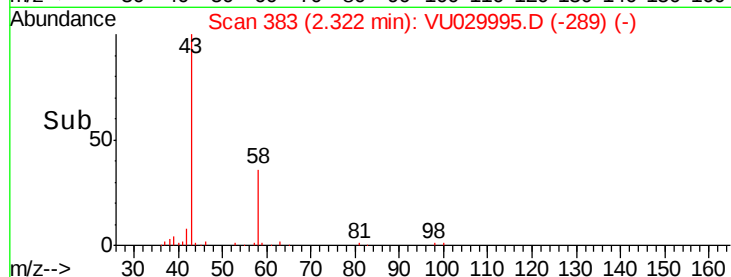
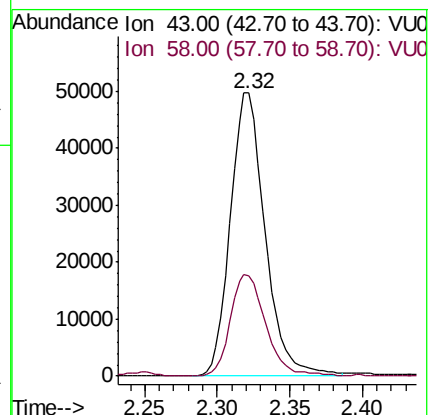
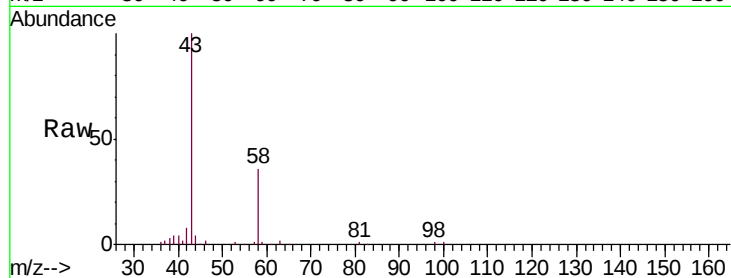
BF5R0

Tgt Ion: 43 Resp: 82614

Ion Ratio Lower Upper

43 100

58 36.6 0.0 73.0



#15

Methyl Acetate

Concen: 0.747 ug/L

RT: 2.62 min Scan# 477

Delta R.T. 0.01 min

Lab File: VU029995.D

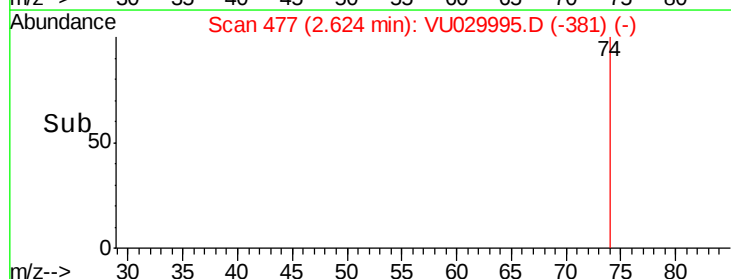
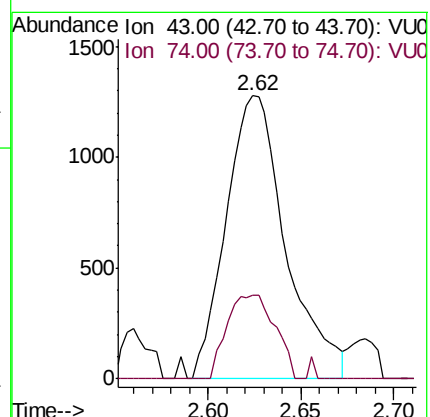
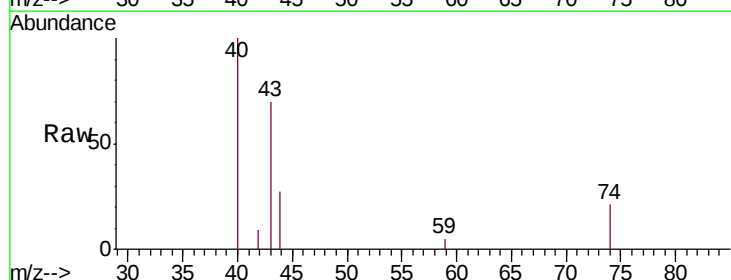
Acq: 12 Mar 2019 02:53

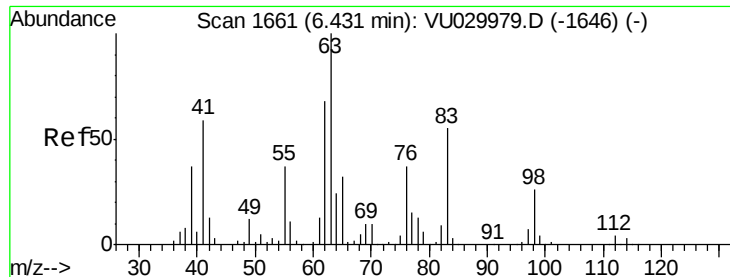
Tgt Ion: 43 Resp: 2860

Ion Ratio Lower Upper

43 100

74 23.7 21.9 32.9

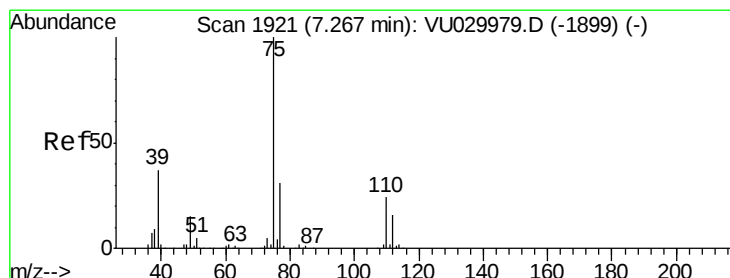
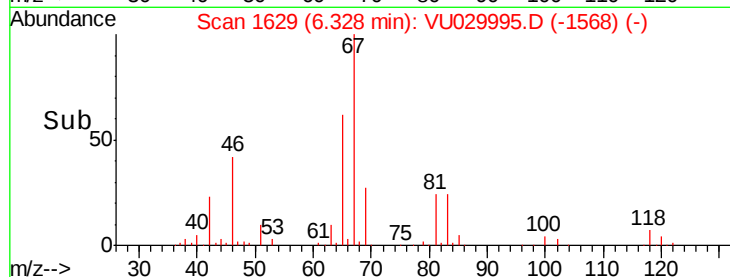
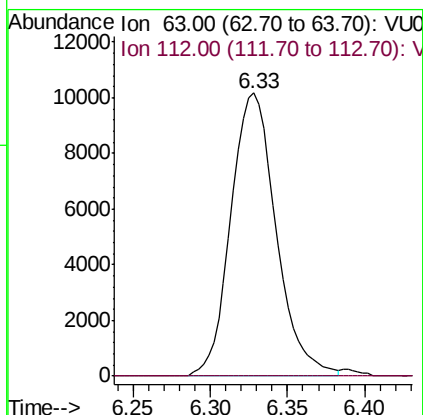
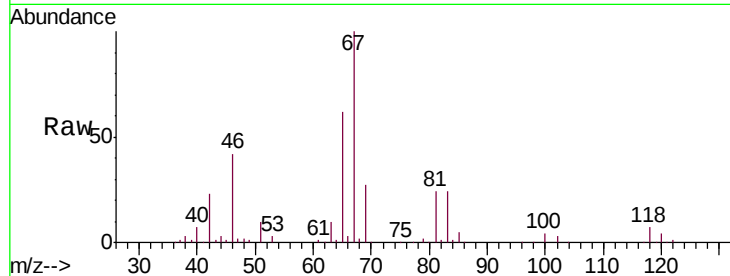




#37
 1,2-Dichloropropane
 Concen: 5.564 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029995.D
 Acq: 12 Mar 2019 02:53

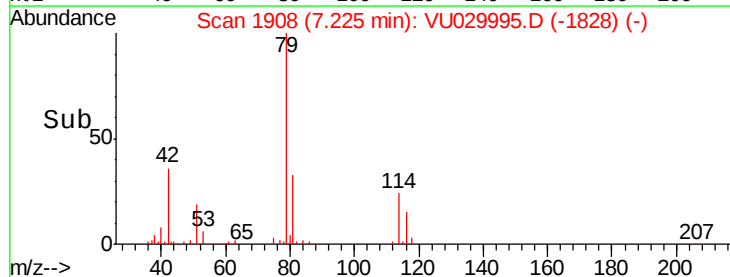
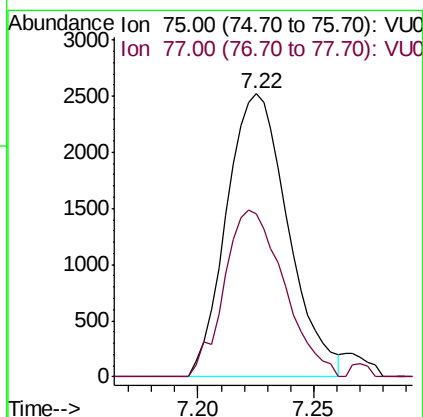
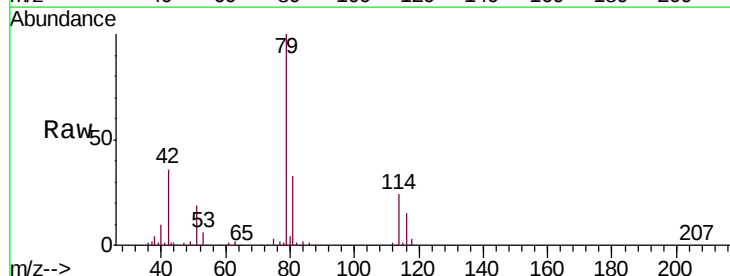
Instrument :
 MSVOA_U
 ClientSampleId :
 BF5R0

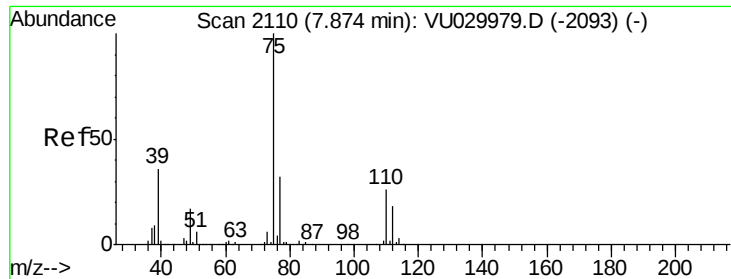
Tgt Ion: 63 Resp: 20703
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.802 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029995.D
 Acq: 12 Mar 2019 02:53

Tgt Ion: 75 Resp: 4644
 Ion Ratio Lower Upper
 75 100
 77 57.5 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.615 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029995.D

Acq: 12 Mar 2019 02:53

Instrument :

MSVOA_U

ClientSampled :

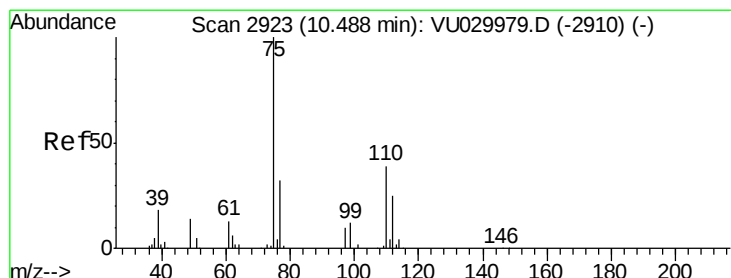
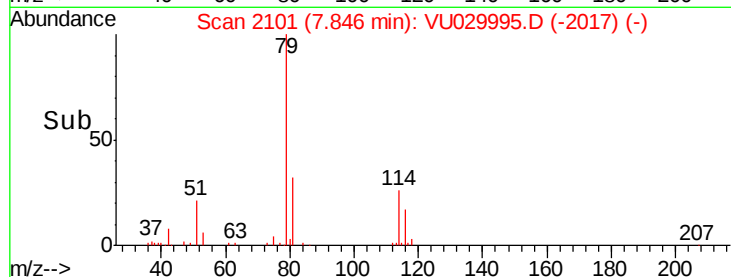
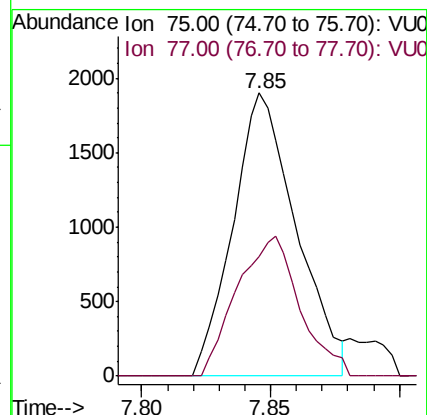
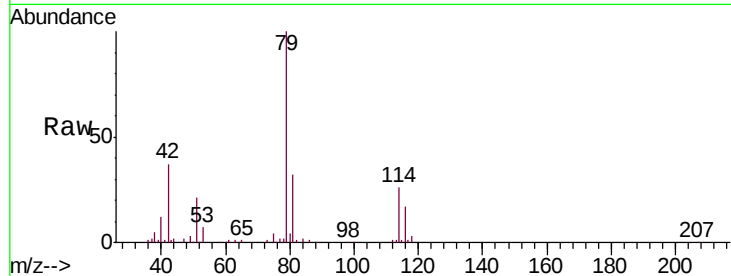
BF5R0

Tgt Ion: 75 Resp: 3254

Ion Ratio Lower Upper

75 100

77 42.1 21.9 40.7#



#59

1,2,3-Trichloropropane

Concen: 4.980 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029995.D

Acq: 12 Mar 2019 02:53

Tgt Ion: 75 Resp: 24133

Ion Ratio Lower Upper

75 100

77 34.1 25.8 38.8

