

Data File : VU029994.D
Acq On : 12 Mar 2019 02:30
Operator : JC/SP
Sample : K1796-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Q9

Quant Time: Mar 12 07:12:04 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	510936	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	488692	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	234692	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	176237	52.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.30%
7) Chloroethane-d5	1.68	69	140847	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.26%
11) 1,1-Dichloroethene-d2	2.27	63	236085	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
21) 2-Butanone-d5	4.17	46	247979	97.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.93%
24) Chloroform-d	4.65	84	297923	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	5.31	65	178022	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.66%
32) Benzene-d6	5.34	84	651963	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.66%
36) 1,2-Dichloropropane-d6	6.33	67	200112	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.96%
41) Toluene-d8	7.56	98	606267	51.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.94%
43) trans-1,3-Dichloropropene-	7.85	79	89683	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.18%
47) 2-Hexanone-d5	8.31	63	212659	98.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	286690	48.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	240931	52.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.98%

Target Compounds

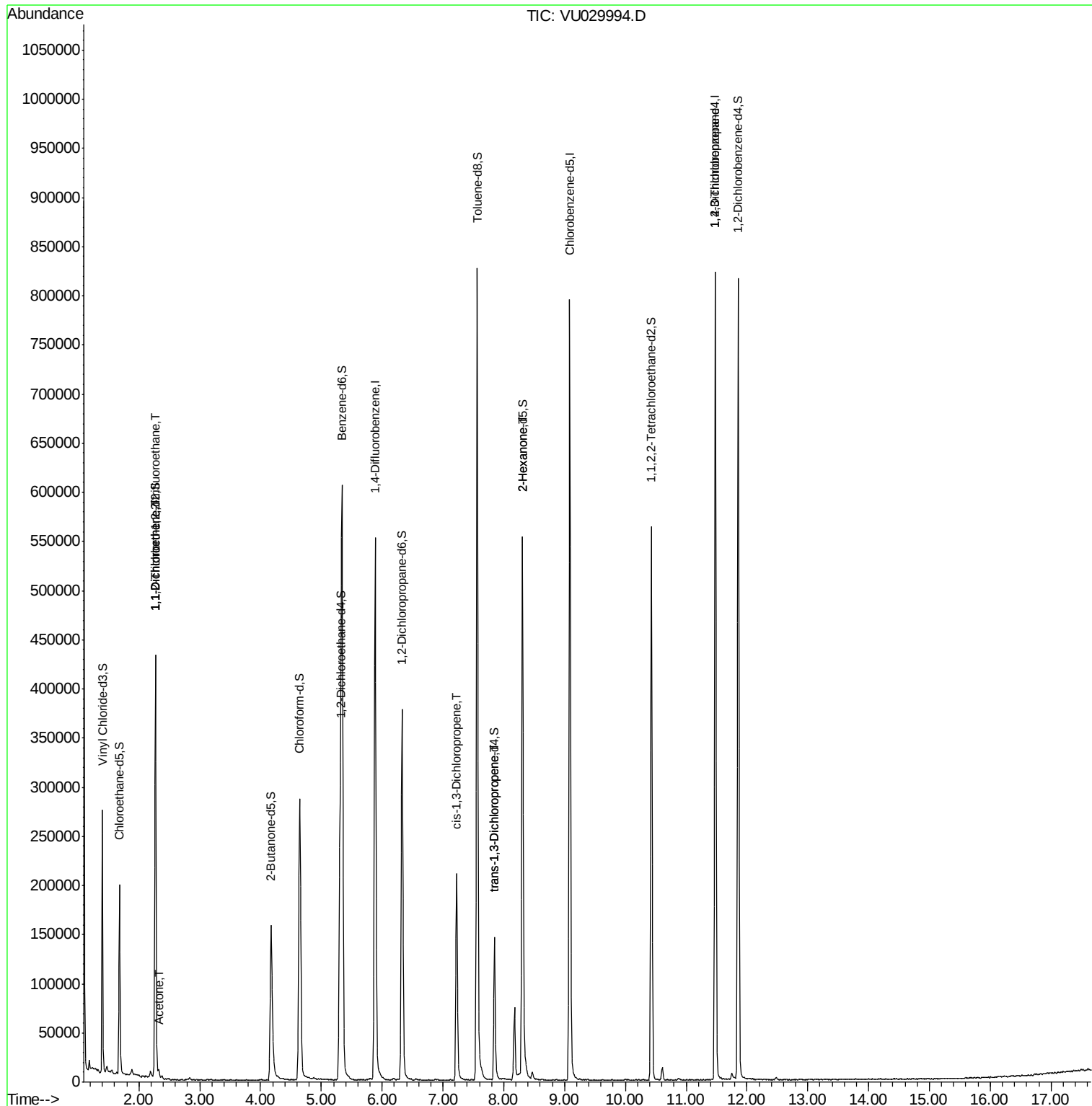
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2259	0.673	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1915	0.598	ug/L #	1
13) Acetone	2.32	43	6316	2.133	ug/L	93
39) cis-1,3-Dichloropropene	7.22	75	4581	0.800	ug/L #	67
44) trans-1,3-Dichloropropene	7.85	75	3607	0.690	ug/L #	82
48) 2-Hexanone	8.31	43	21367	5.043	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	24395	5.092	ug/L	94

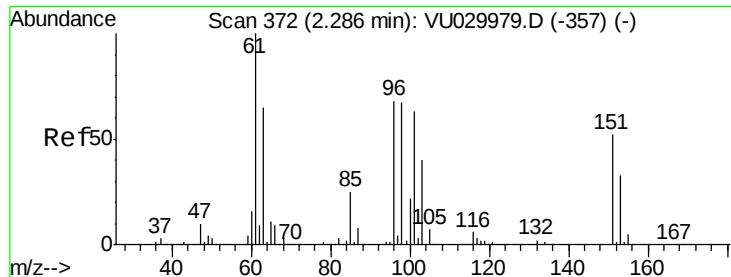
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.673 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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Acq: 12 Mar 2019 02:30

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ClientSampleId :

BF5Q9

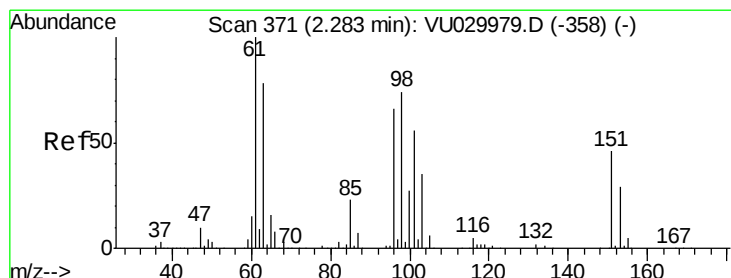
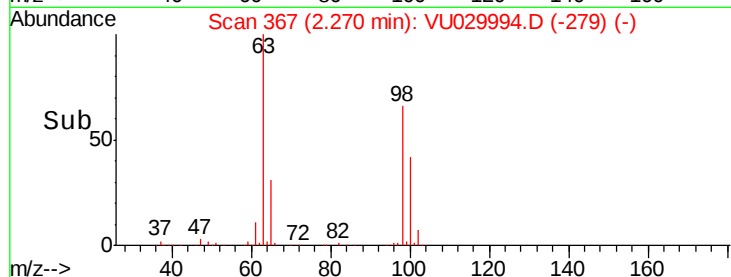
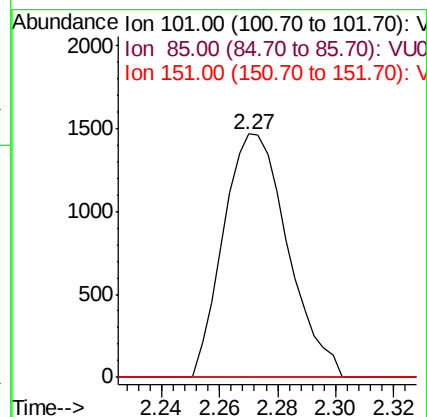
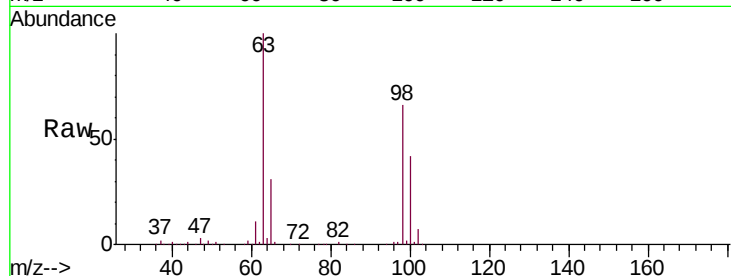
Tgt Ion: 101 Resp: 2259

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

151 0.0 66.1 99.1#



#12

1,1-Dichloroethene

Concen: 0.598 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029994.D

Acq: 12 Mar 2019 02:30

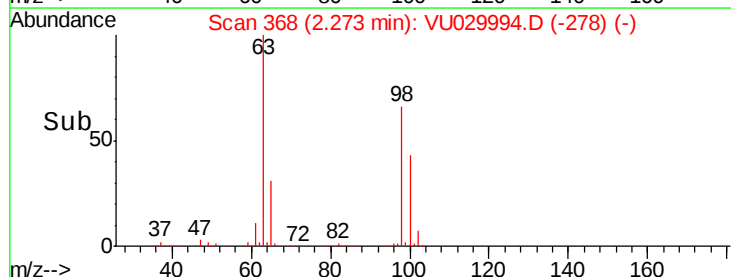
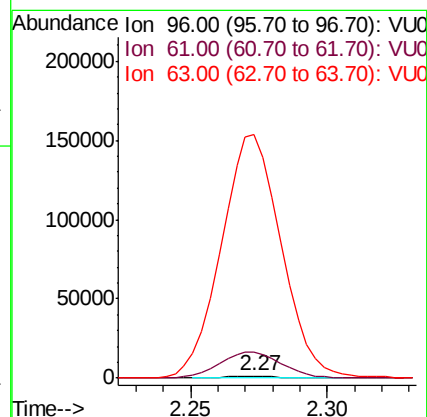
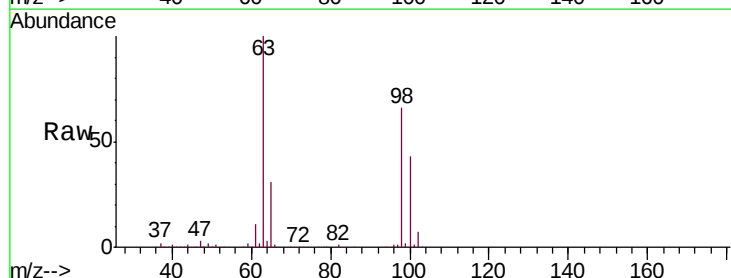
Tgt Ion: 96 Resp: 1915

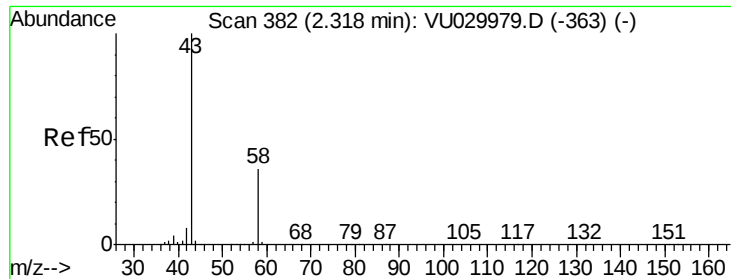
Ion Ratio Lower Upper

96 100

61 1207.0 110.4 205.0#

63 11188.4 86.5 160.7#





#13

Acetone

Concen: 2.133 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029994.D

Acq: 12 Mar 2019 02:30

Instrument :

MSVOA_U

ClientSampleId :

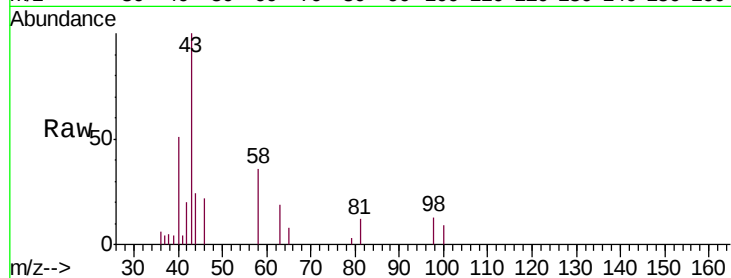
BF5Q9

Tgt Ion: 43 Resp: 6316

Ion Ratio Lower Upper

43 100

58 32.5 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

4000

3000

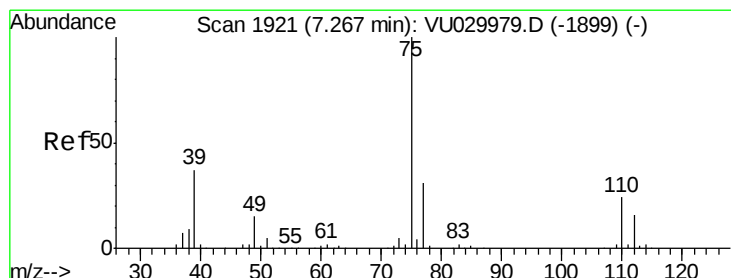
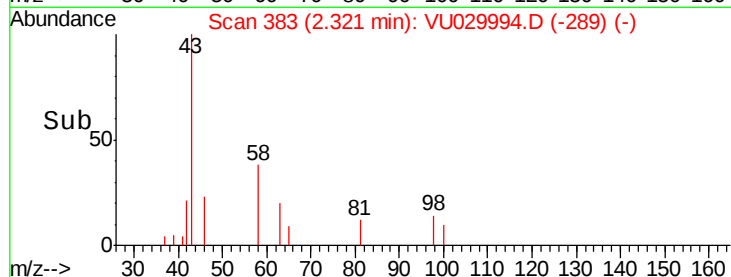
2000

1000

0

Time-->

2.25 2.30 2.35 2.40



#39

cis-1,3-Dichloropropene

Concen: 0.800 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.05 min

Lab File: VU029994.D

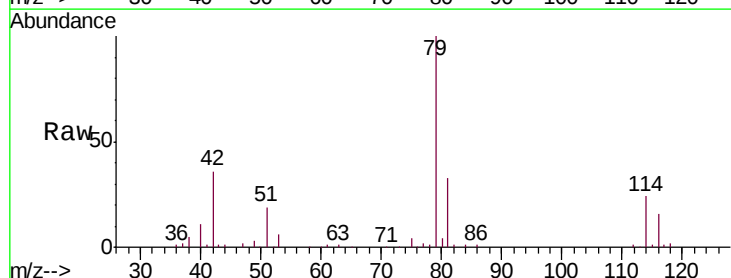
Acq: 12 Mar 2019 02:30

Tgt Ion: 75 Resp: 4581

Ion Ratio Lower Upper

75 100

77 50.1 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.22

3000

2500

2000

1500

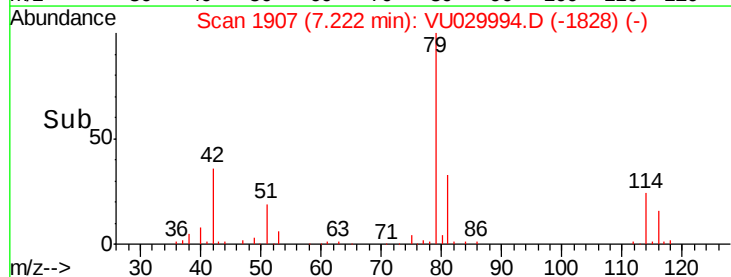
1000

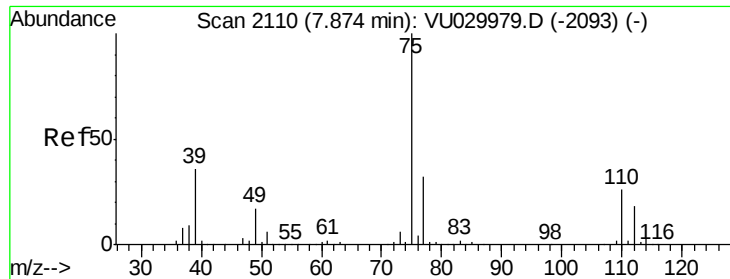
500

0

Time-->

7.20 7.25

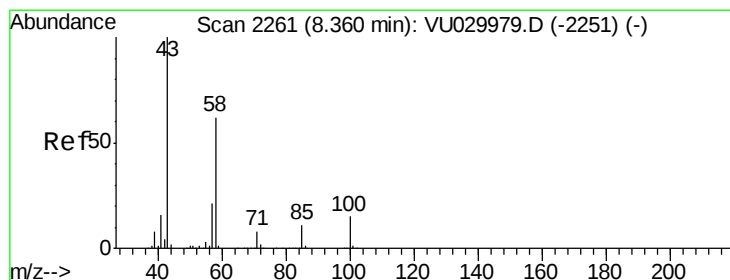
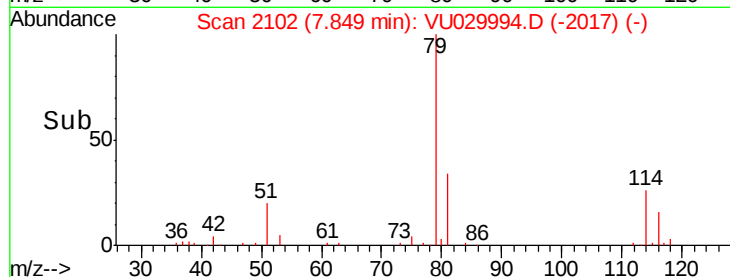
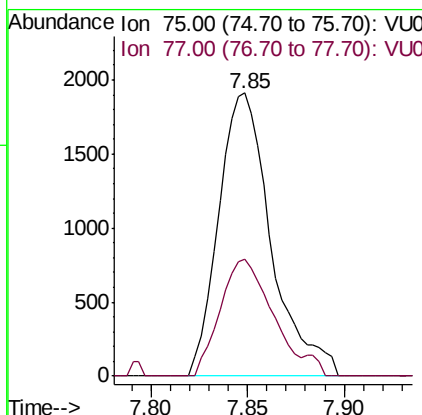
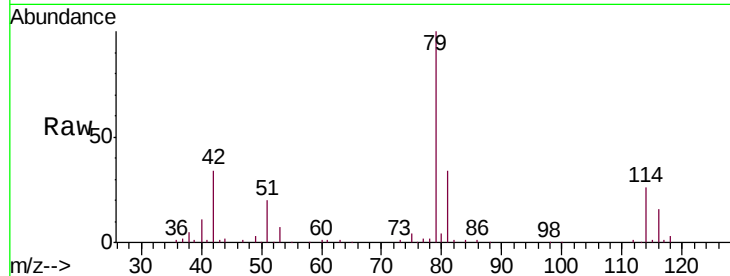




#44
trans-1,3-Dichloropropene
Concen: 0.690 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029994.D
Acq: 12 Mar 2019 02:30

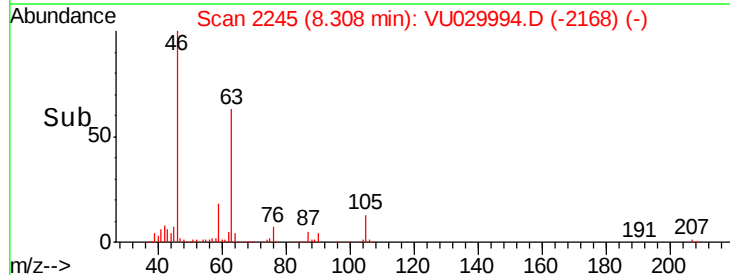
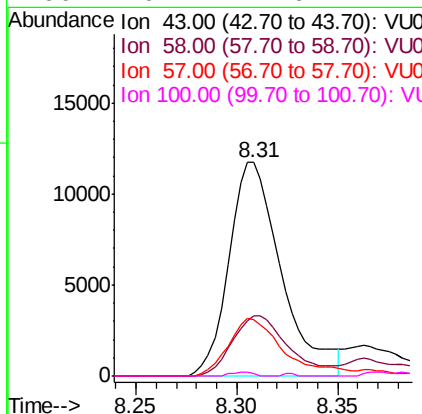
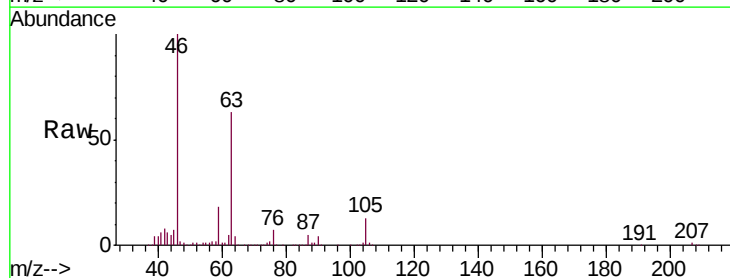
Instrument :
MSVOA_U
ClientSampleId :
BF5Q9

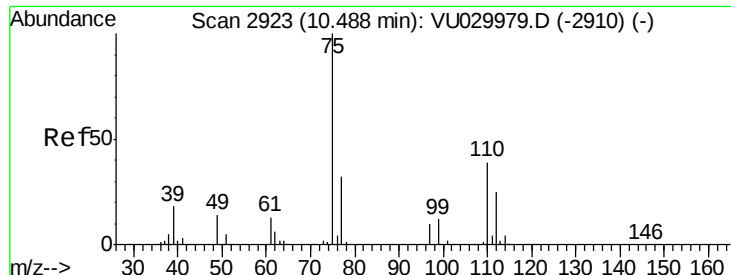
Tgt Ion: 75 Resp: 3607
Ion Ratio Lower Upper
75 100
77 41.2 21.9 40.7#



#48
2-Hexanone
Concen: 5.043 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029994.D
Acq: 12 Mar 2019 02:30

Tgt Ion: 43 Resp: 21367
Ion Ratio Lower Upper
43 100
58 29.3 48.6 72.8#
57 26.7 16.1 24.1#
100 0.7 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 5.092 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029994.D

Acq: 12 Mar 2019 02:30

Instrument :

MSVOA_U

ClientSampleId :

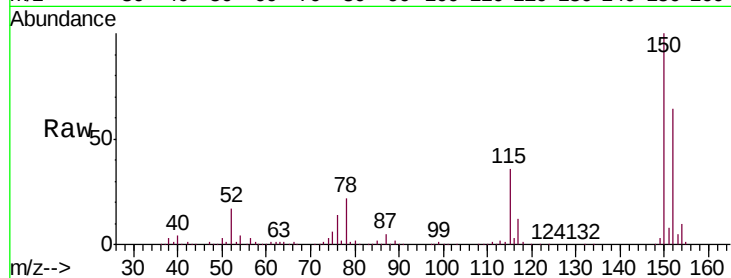
BF5Q9

Tgt Ion: 75 Resp: 24395

Ion Ratio Lower Upper

75 100

77 35.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

