

Data File : VU031191.D
Acq On : 14 Apr 2019 05:32
Operator : JC/SP
Sample : K2409-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC28

Quant Time: Apr 15 01:43:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 15 01:39:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	408261	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	392787	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	149036	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	208003	57.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.14%
7) Chloroethane-d5	1.68	69	191094	69.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	138.18%#
11) 1,1-Dichloroethene-d2	2.27	63	328818	49.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.76%
21) 2-Butanone-d5	4.17	46	265281	91.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.84%
24) Chloroform-d	4.73	84	519	0.09	ug/L	0.09
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.18%#
26) 1,2-Dichloroethane-d4	5.30	65	190988	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
32) Benzene-d6	5.33	84	543821	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
36) 1,2-Dichloropropane-d6	6.32	67	182790	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.04%
41) Toluene-d8	7.56	98	451570	44.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.86%
43) trans-1,3-Dichloropropene-	7.85	79	65910	36.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.56%
47) 2-Hexanone-d5	8.31	63	146909	81.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	259791	49.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	150989	51.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.02%

Target Compounds

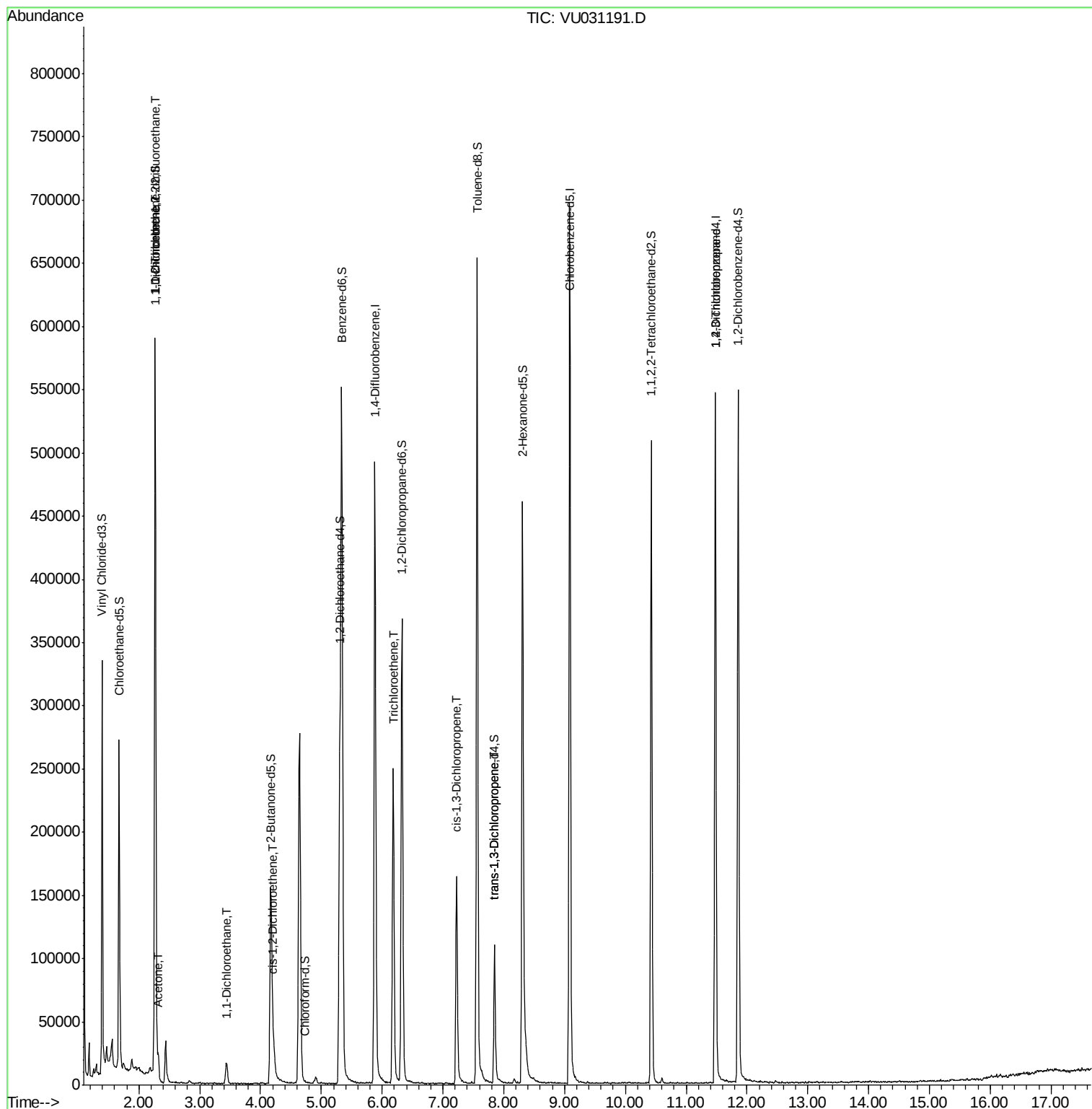
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2764	0.945 ug/L #	22
12) 1,1-Dichloroethene	2.28	96	42291	14.986 ug/L #	14
13) Acetone	2.32	43	18325	6.200 ug/L	98
19) 1,1-Dichloroethane	3.44	63	19295	3.120 ug/L	89
20) cis-1,2-Dichloroethene	4.22	96	1765	0.533 ug/L	99
34) Trichloroethene	6.18	95	89886	28.512 ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	4121	0.795 ug/L	83
44) trans-1,3-Dichloropropene	7.85	75	3244	0.711 ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	16738	3.840 ug/L	93

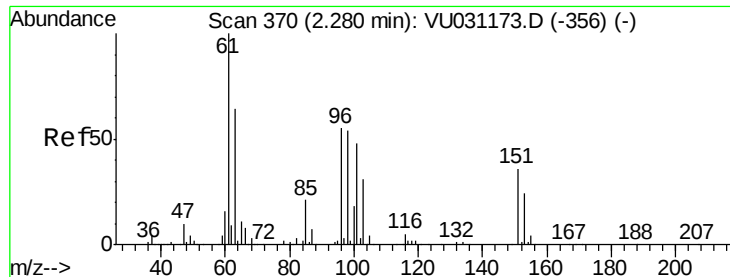
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.945 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031191.D

Acq: 14 Apr 2019 05:32

Instrument :

MSVOA_U

ClientSampleId :

BFC28

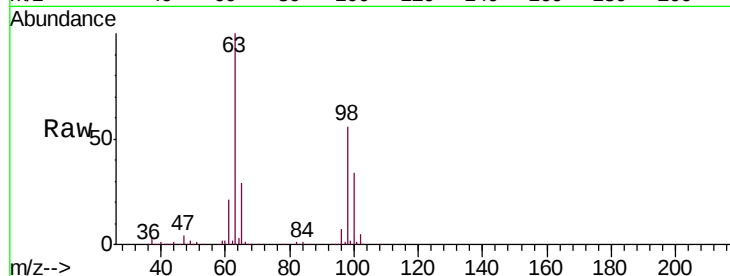
Tgt Ion: 101 Resp: 2764

Ion Ratio Lower Upper

101 100

85 2.3 36.8 55.2#

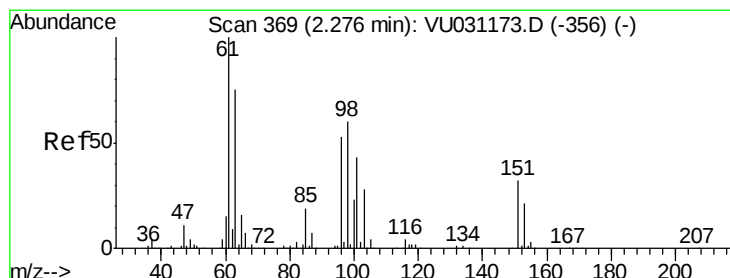
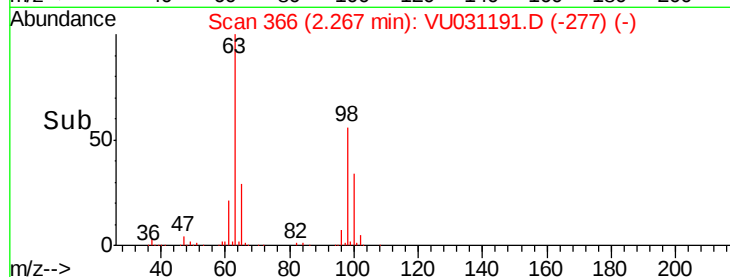
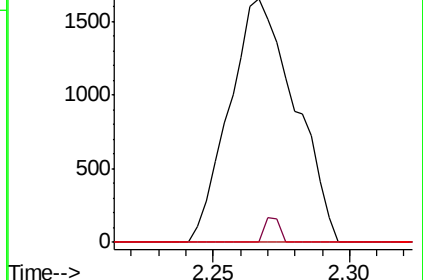
151 0.0 57.4 86.0#



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: 14.986 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU031191.D

Acq: 14 Apr 2019 05:32

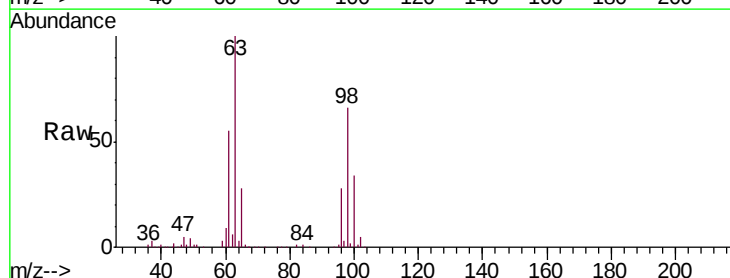
Tgt Ion: 96 Resp: 42291

Ion Ratio Lower Upper

96 100

61 199.0 132.0 245.2

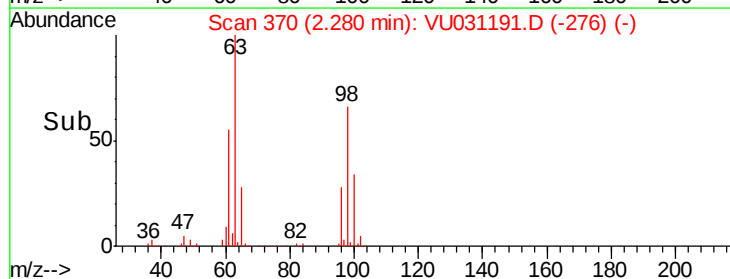
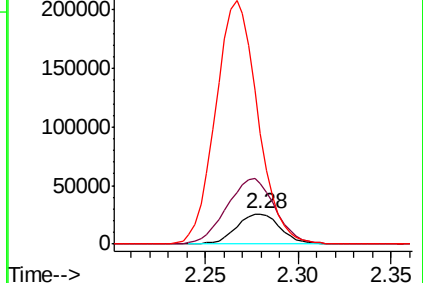
63 362.6 90.9 168.9#

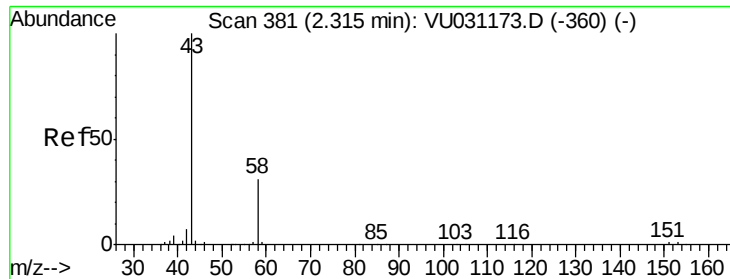


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 6.200 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031191.D

Acq: 14 Apr 2019 05:32

Instrument :

MSVOA_U

ClientSampleId :

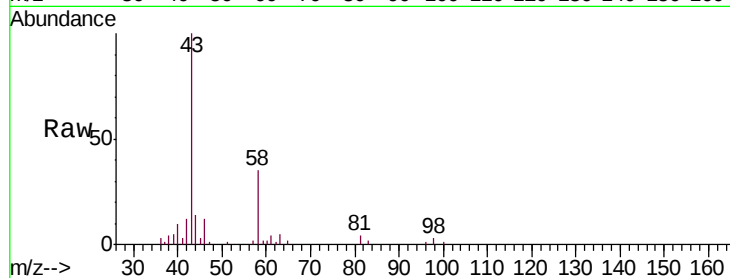
BFC28

Tgt Ion: 43 Resp: 18325

Ion Ratio Lower Upper

43 100

58 30.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031173.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU031173.D (-360) (-)

12000

10000

8000

6000

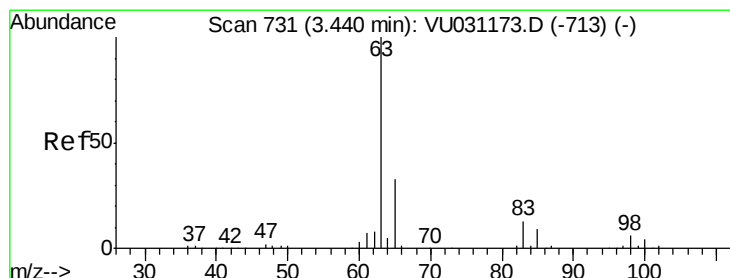
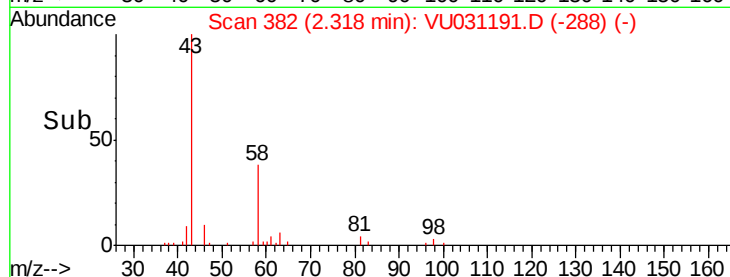
4000

2000

0

2.25 2.30 2.35

Time-->



#19

1,1-Dichloroethane

Concen: 3.120 ug/L

RT: 3.44 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU031191.D

Acq: 14 Apr 2019 05:32

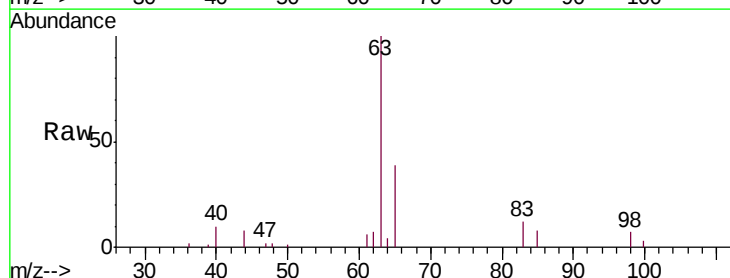
Tgt Ion: 63 Resp: 19295

Ion Ratio Lower Upper

63 100

65 38.8 21.4 39.8

83 12.3 8.5 15.7



Abundance Ion 63.00 (62.70 to 63.70): VU031173.D (-713) (-)

Ion 65.00 (64.70 to 65.70): VU031173.D (-713) (-)

Ion 83.00 (82.70 to 83.70): VU031173.D (-713) (-)

10000

8000

6000

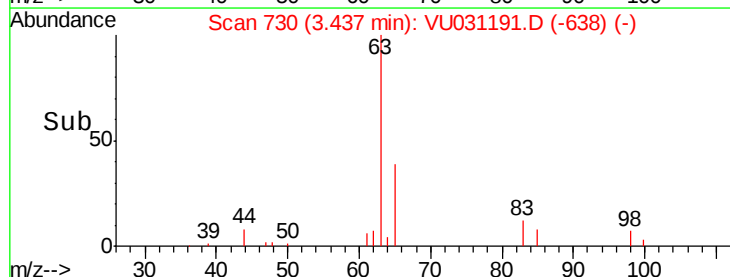
4000

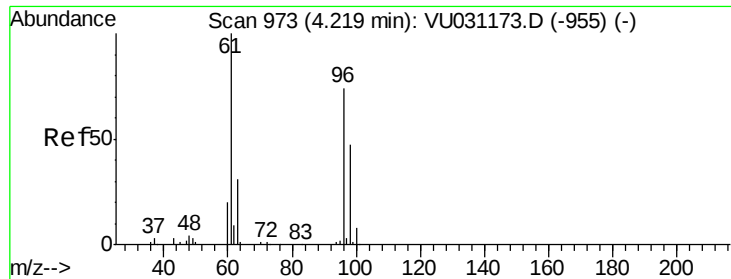
2000

0

3.35 3.40 3.45 3.50

Time-->

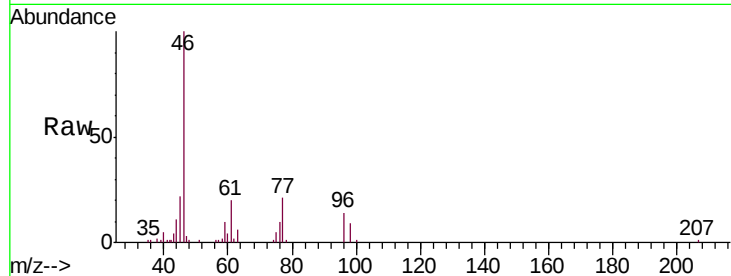




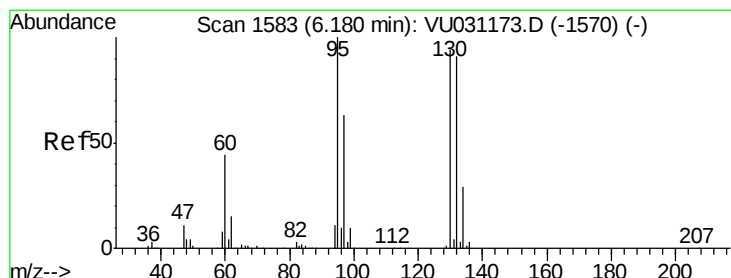
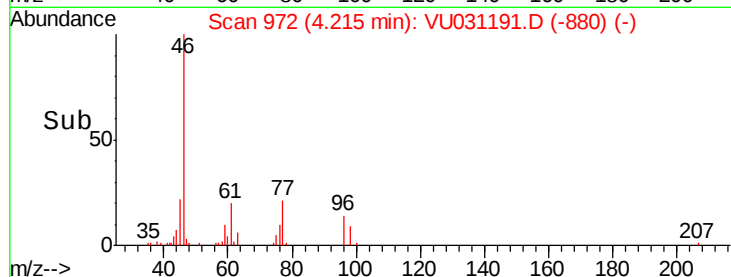
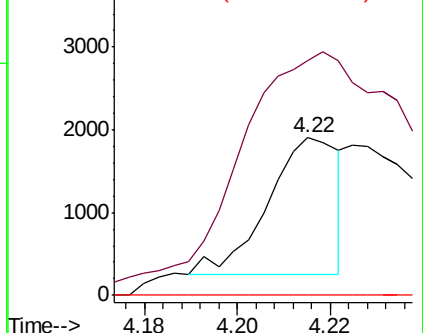
#20
 cis-1,2-Dichloroethene
 Concen: 0.533 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU031191.D
 Acq: 14 Apr 2019 05:32

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC28

Tgt Ion: 96 Resp: 1765
 Ion Ratio Lower Upper
 96 100
 61 148.8 102.9 191.1
 68 0.0 0.0 0.0

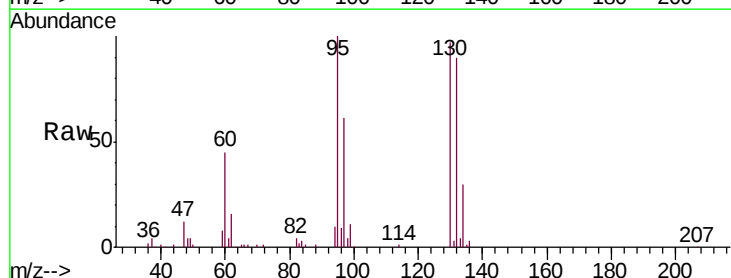


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

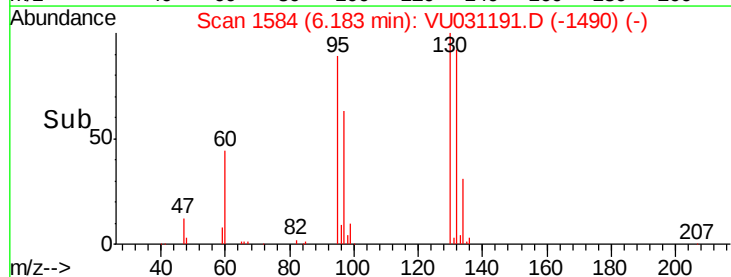
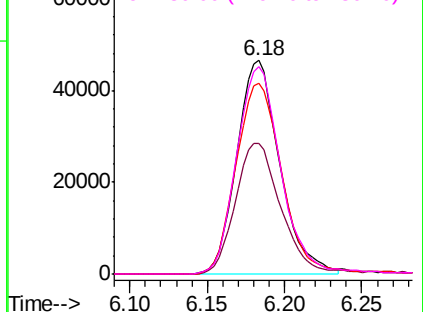


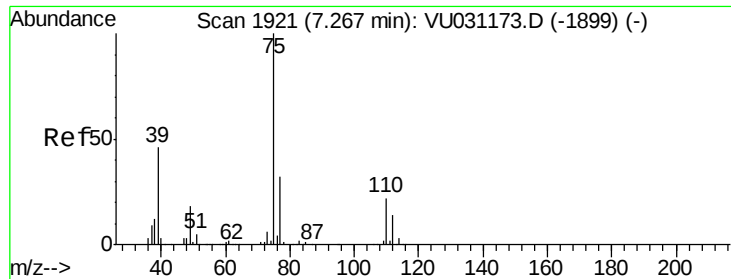
#34
 Trichloroethene
 Concen: 28.512 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031191.D
 Acq: 14 Apr 2019 05:32

Tgt Ion: 95 Resp: 89886
 Ion Ratio Lower Upper
 95 100
 97 60.9 44.5 82.7
 132 89.6 61.5 114.1
 130 96.9 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



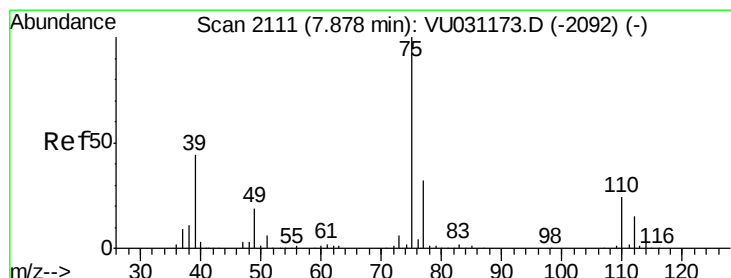
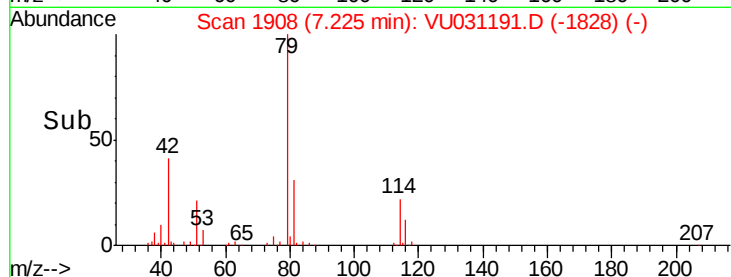
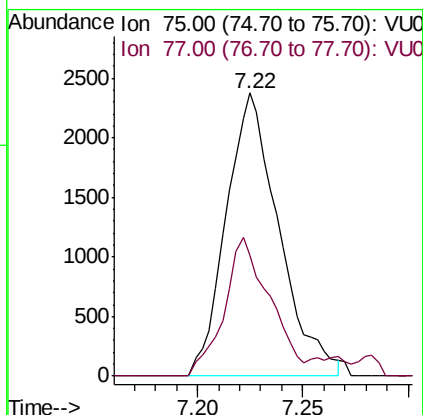
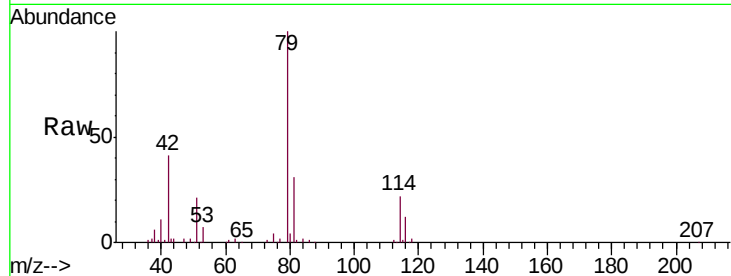


#39

cis-1,3-Dichloropropene
 Concen: 0.795 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU031191.D
 Acq: 14 Apr 2019 05:32

Instrument :
 MSVOA_U
 ClientSampled :
 BFC28

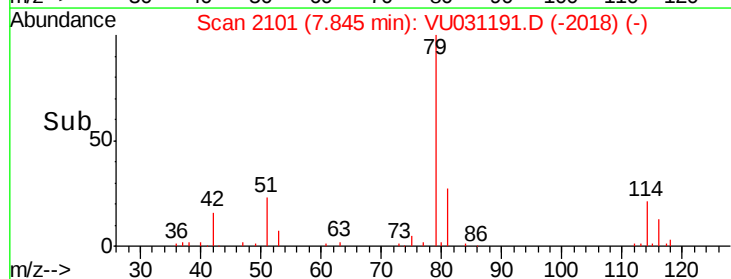
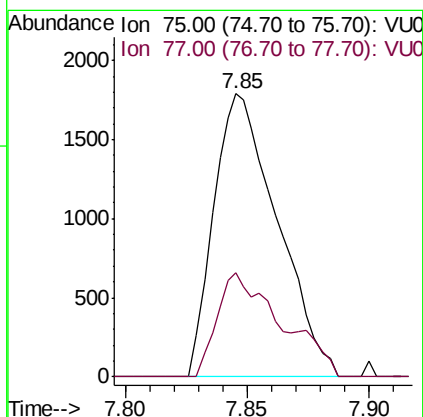
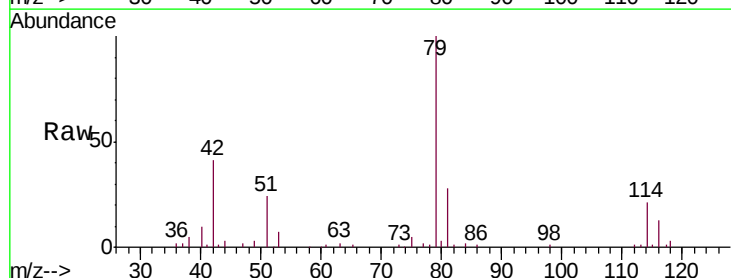
Tgt Ion: 75 Resp: 4121
 Ion Ratio Lower Upper
 75 100
 77 42.5 23.1 42.9

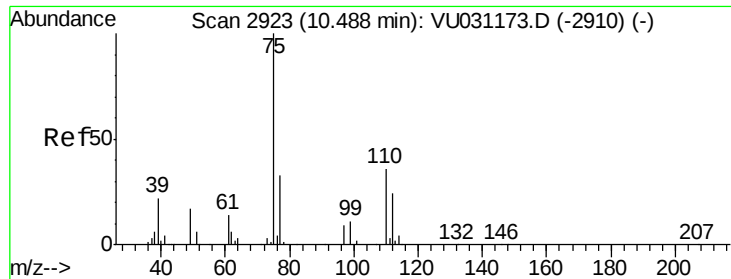


#44

trans-1,3-Dichloropropene
 Concen: 0.711 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU031191.D
 Acq: 14 Apr 2019 05:32

Tgt Ion: 75 Resp: 3244
 Ion Ratio Lower Upper
 75 100
 77 36.6 21.6 40.0





#59

1,2,3-Trichloropropane

Concen: 3.840 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031191.D

Acq: 14 Apr 2019 05:32

Instrument :

MSVOA_U

ClientSampleId :

BFC28

Tgt Ion: 75 Resp: 16738

Ion Ratio Lower Upper

75 100

77 36.5 26.1 39.1

