

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030731.D
 Acq On : 05 Apr 2019 10:26
 Operator : JC/SP
 Sample : K2271-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB7C4

Quant Time: Apr 06 00:33:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	431467	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	418665	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	190928	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	177222	46.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.02%
7) Chloroethane-d5	1.66	69	138567	47.40	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.27	63	378540	54.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.68%
21) 2-Butanone-d5	4.17	46	311445	102.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.03%
24) Chloroform-d	4.64	84	302716	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
26) 1,2-Dichloroethane-d4	5.30	65	201370	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
32) Benzene-d6	5.33	84	604452	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
36) 1,2-Dichloropropane-d6	6.32	67	206556	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.62%
41) Toluene-d8	7.56	98	525895	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%
43) trans-1,3-Dichloropropene-	7.85	79	94711	49.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.18%
47) 2-Hexanone-d5	8.31	63	194561	101.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	278672	49.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.64%
64) 1,2-Dichlorobenzene-d4	11.85	152	181722	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	113863	30.043	ug/L	100
3) Chloromethane	1.32	50	136980	27.942	ug/L	99
5) Vinyl chloride	1.40	62	268027	56.481	ug/L	98
6) Bromomethane	1.60	94	48387	19.681	ug/L	98
8) Chloroethane	1.68	64	74086	27.372	ug/L	99
9) Trichlorofluoromethane	1.87	101	249054	45.042	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	68755	22.254	ug/L	95
12) 1,1-Dichloroethene	2.28	96	204946	68.716	ug/L	93
16) Methylene chloride	2.69	84	147414	40.686	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	65787	20.774	ug/L	97
19) 1,1-Dichloroethane	3.44	63	426006	65.185	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	146575	41.919	ug/L	98
23) Bromochloromethane	4.54	128	70505	42.650	ug/L	98
25) Chloroform	4.67	83	370200	56.361	ug/L	100
27) 1,2-Dichloroethane	5.40	62	352242	70.263	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	107234	21.017	ug/L	98
31) Carbon tetrachloride	5.13	117	268879	61.153	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

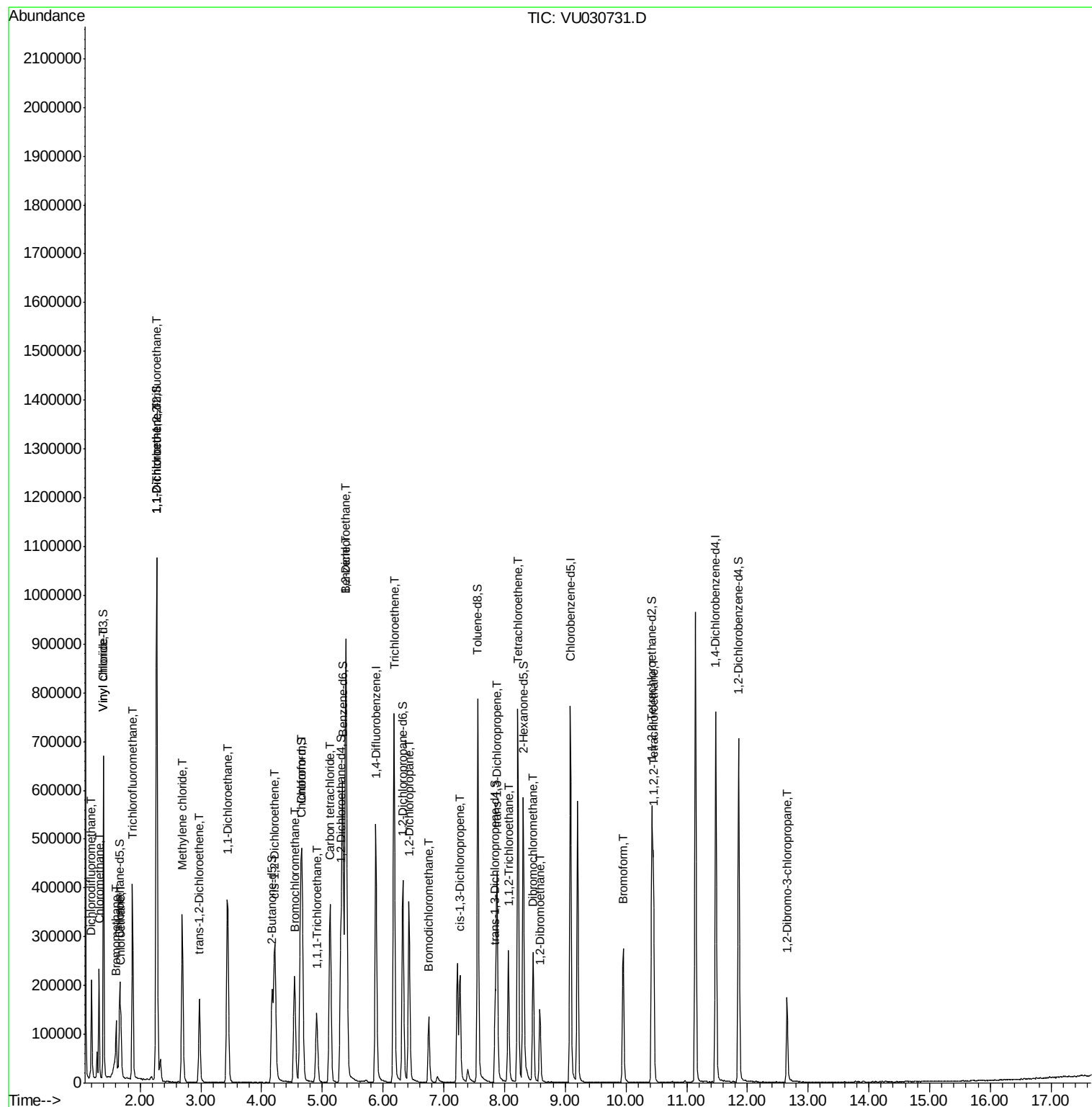
33) Benzene	5.38	78	637151	46.506	ug/L	100
34) Trichloroethene	6.18	95	274629	81.728	ug/L	98
37) 1,2-Dichloropropane	6.43	63	152313	39.261	ug/L	100
38) Bromodichloromethane	6.75	83	94114	20.110	ug/L	94
39) cis-1,3-Dichloropropene	7.27	75	136641	24.746	ug/L	95
44) trans-1,3-Dichloropropene	7.87	75	243817	50.104	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	83688	25.436	ug/L	97
46) Tetrachloroethene	8.22	164	167143	68.416	ug/L	99
49) Dibromochloromethane	8.47	129	135839	38.909	ug/L	99
50) 1,2-Dibromoethane	8.58	107	104249	29.281	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	223716	37.592	ug/L	99
61) Bromoform	9.95	173	124810	49.484	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	50798	39.478	ug/L	95

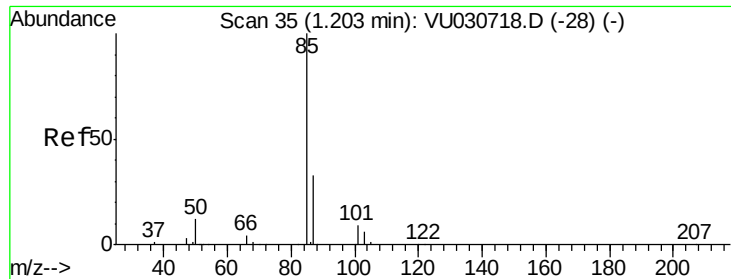
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 30.043 ug/L

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

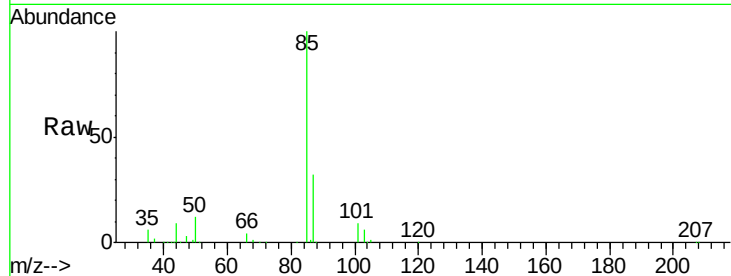
DB7C4

Tot Ion: 85 Resp: 113863

Ion Ratio Lower Upper

85 100

87 31.9 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VU030731.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU030731.D (-1) (-)

120000

100000

80000

60000

40000

20000

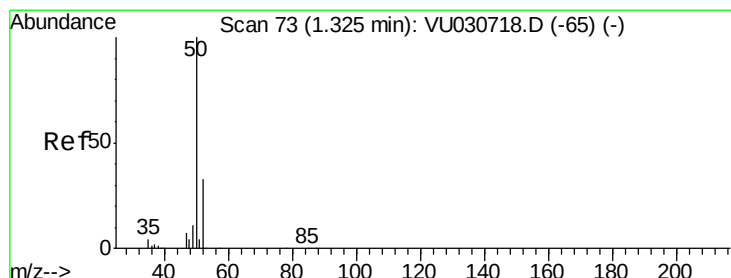
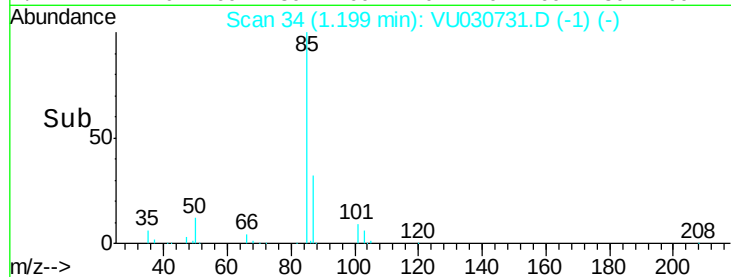
0

1.15

1.20

1.25

Time-->



#3

Chloromethane

Concen: 27.942 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU030731.D

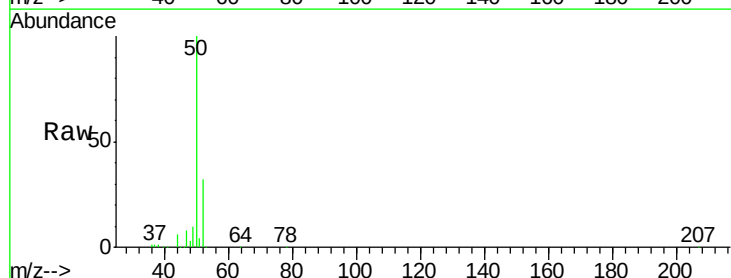
Acq: 05 Apr 2019 10:26

Tgt Ion: 50 Resp: 136980

Ion Ratio Lower Upper

50 100

52 31.9 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VU030731.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU030731.D (-1) (-)

150000

100000

50000

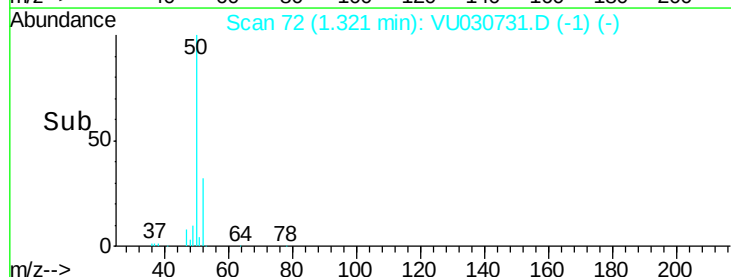
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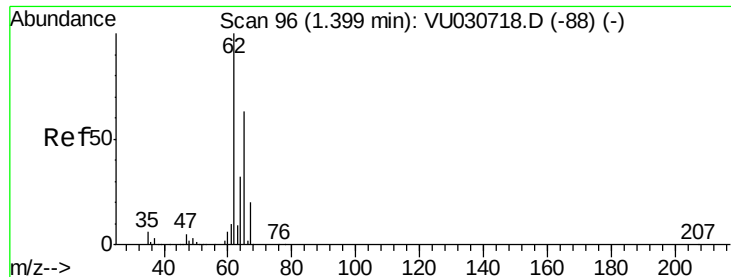
1.30

1.32

1.35

Time-->





#5

Vinyl chloride

Concen: 56.481 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

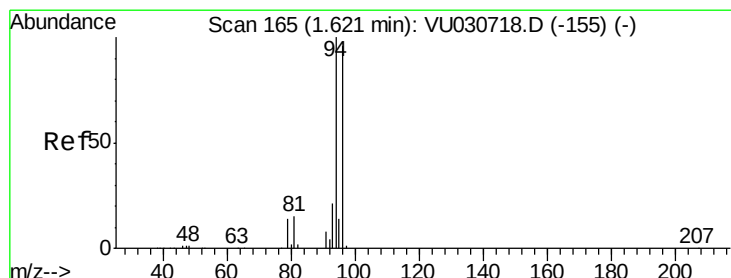
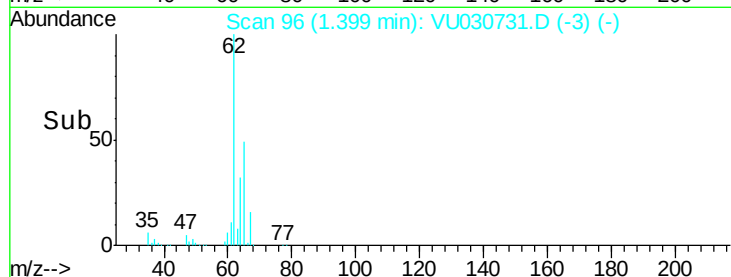
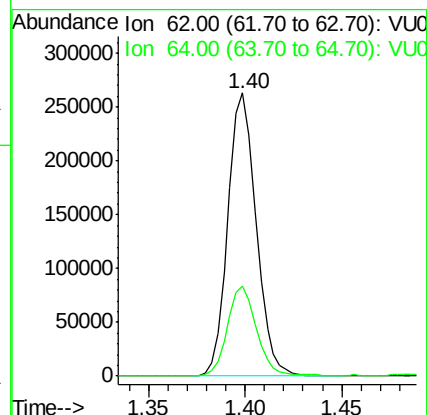
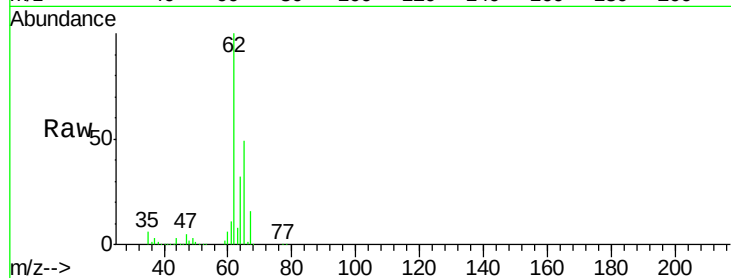
DB7C4

Tot Ion: 62 Resp: 268027

Ion Ratio Lower Upper

62 100

64 31.7 21.5 39.9



#6

Bromomethane

Concen: 19.681 ug/L

RT: 1.60 min Scan# 160

Delta R.T. -0.02 min

Lab File: VU030731.D

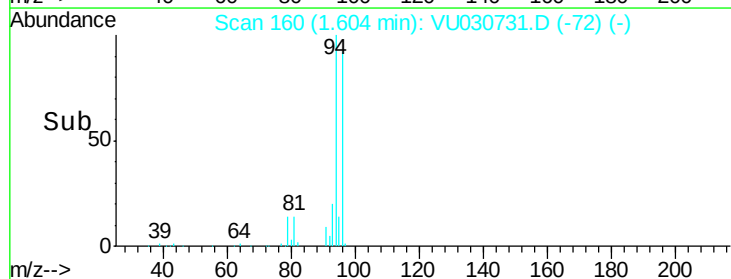
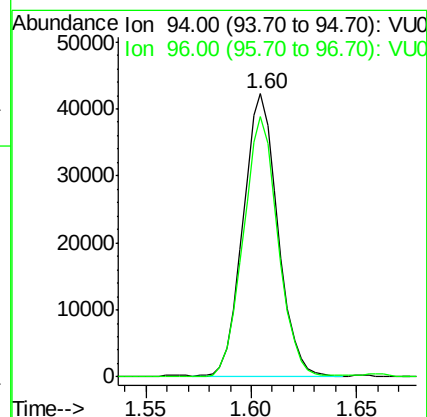
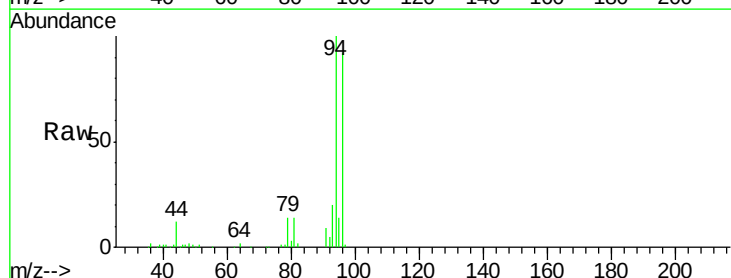
Acq: 05 Apr 2019 10:26

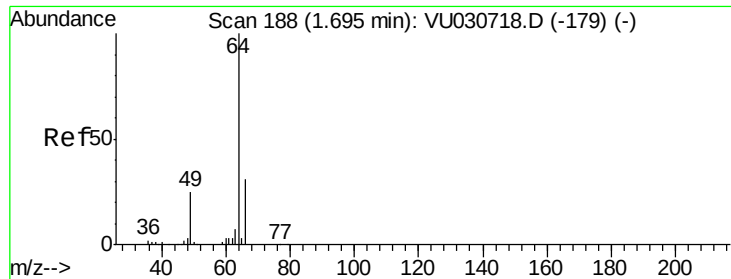
Tgt Ion: 94 Resp: 48387

Ion Ratio Lower Upper

94 100

96 92.0 65.5 121.7





#8

Chloroethane

Concen: 27.372 ug/L

RT: 1.68 min Scan# 185

Delta R.T. -0.01 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

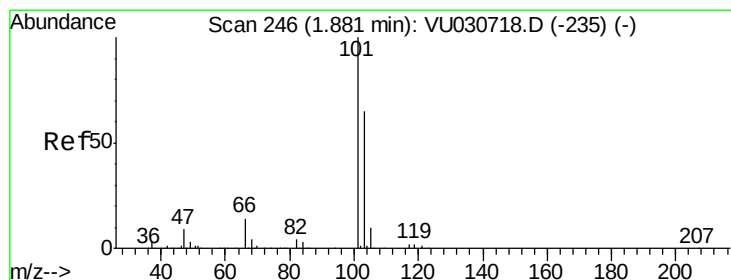
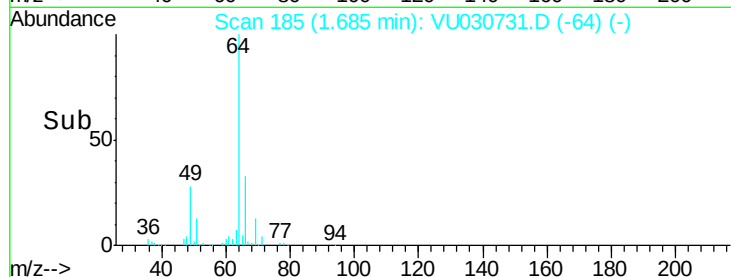
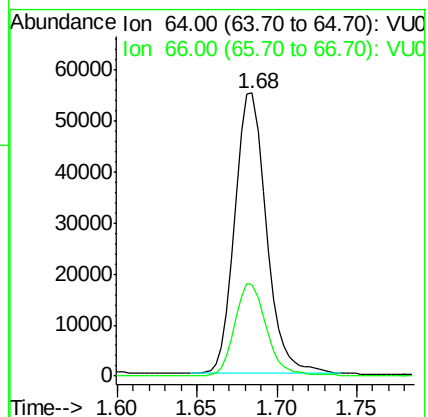
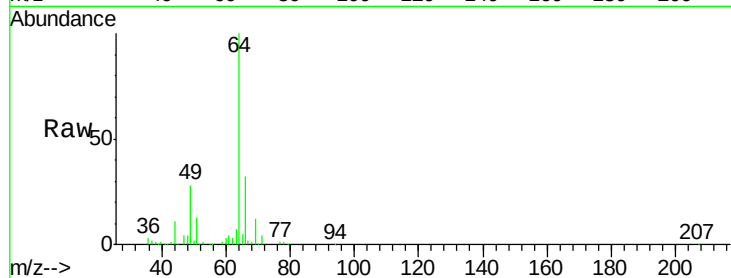
DB7C4

Tot Ion: 64 Resp: 74086

Ion Ratio Lower Upper

64 100

66 32.4 22.4 41.6



#9

Trichlorofluoromethane

Concen: 45.042 ug/L

RT: 1.87 min Scan# 244

Delta R.T. -0.01 min

Lab File: VU030731.D

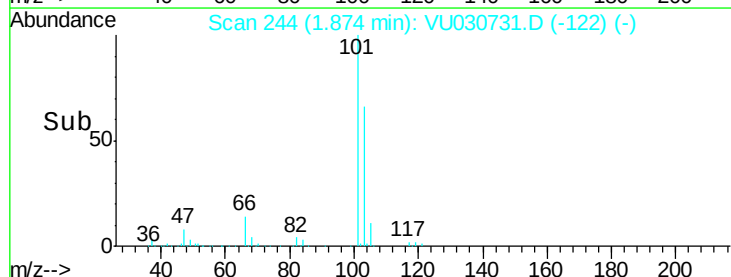
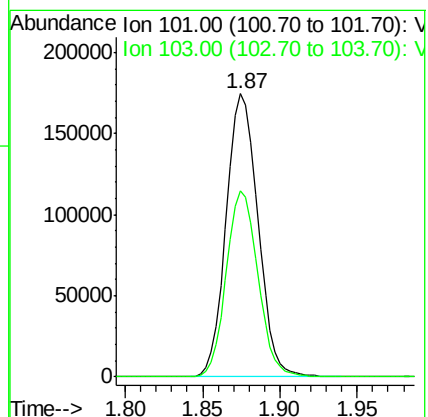
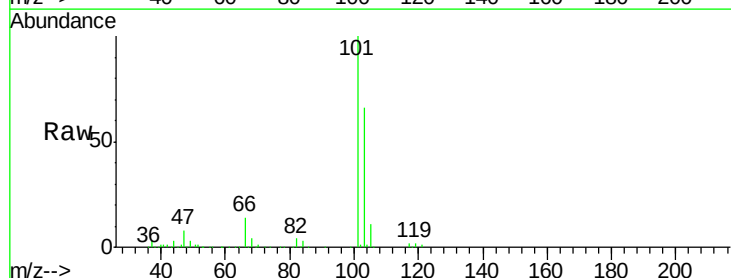
Acq: 05 Apr 2019 10:26

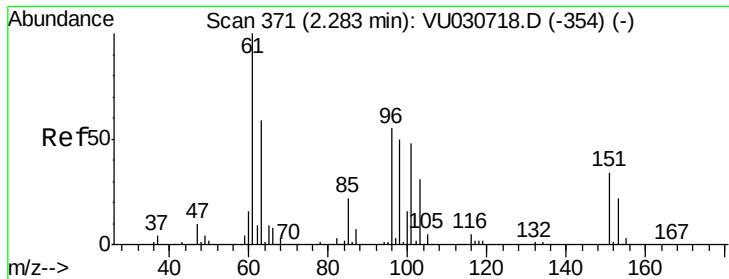
Tgt Ion:101 Resp: 249054

Ion Ratio Lower Upper

101 100

103 65.5 51.8 77.8





#10

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

Concen: 22.254 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

DB7C4

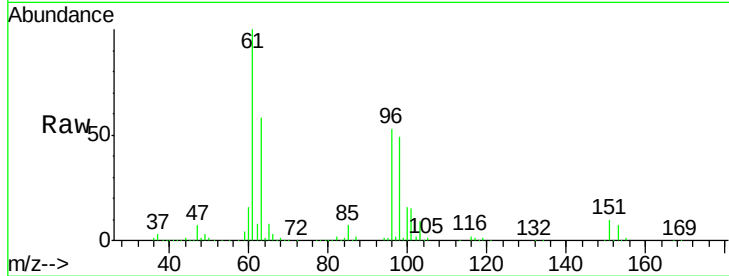
Tot Ion:101 Resp: 68755

Ion Ratio Lower Upper

101 100

85 43.4 36.8 55.2

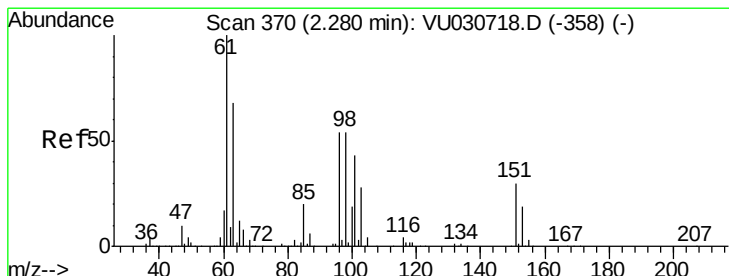
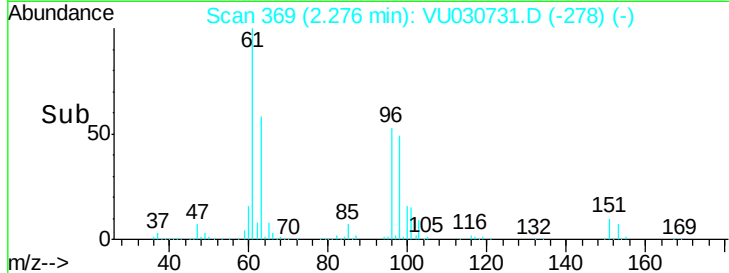
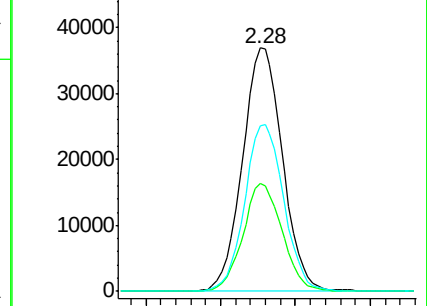
151 67.0 57.4 86.0



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: 68.716 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

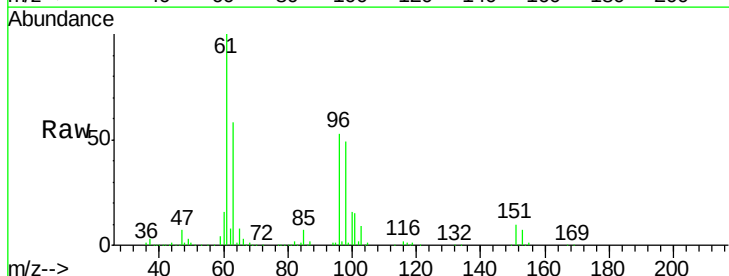
Tgt Ion: 96 Resp: 204946

Ion Ratio Lower Upper

96 100

61 190.0 132.0 245.2

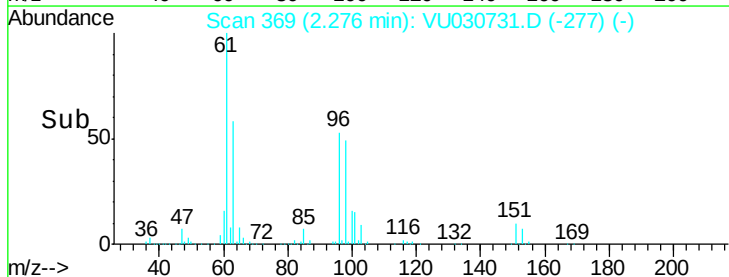
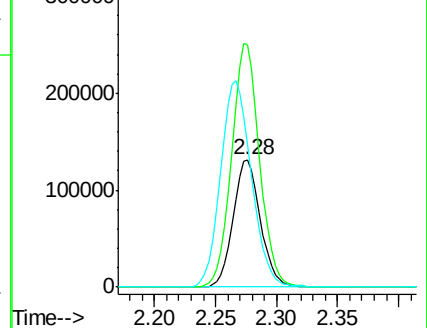
63 111.1 90.9 168.9

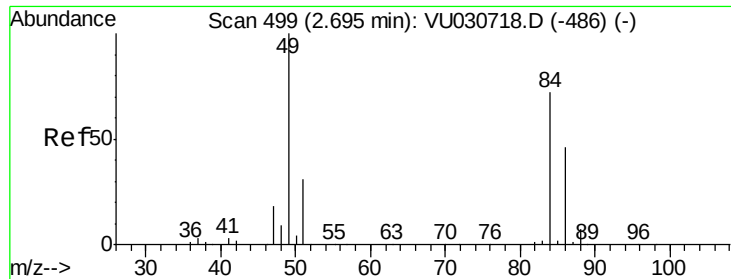


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

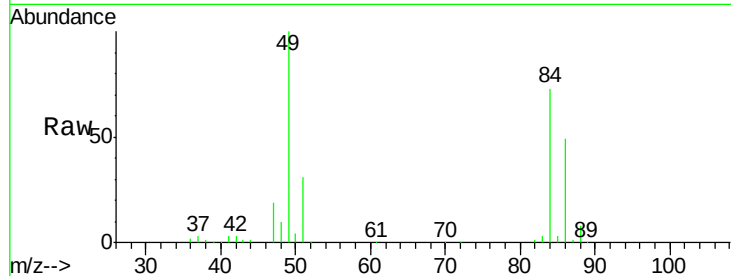




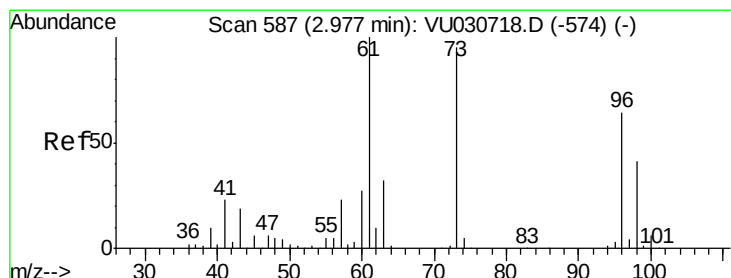
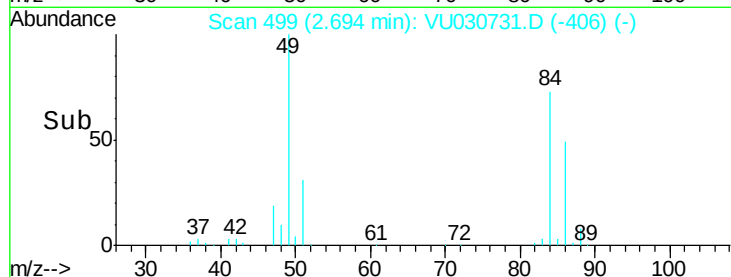
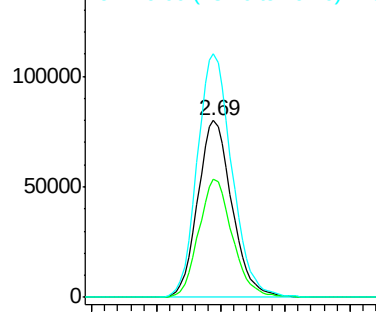
#16
Methylene chloride
Concen: 40.686 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU030731.D
Acq: 05 Apr 2019 10:26

Instrument :
MSVOA_U
ClientSampled :
DB7C4

Tot Ion: 84 Resp: 147414
Ion Ratio Lower Upper
84 100
86 67.1 45.1 83.7
49 137.8 96.5 179.1

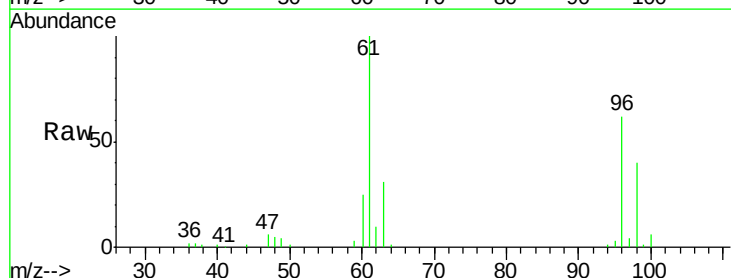


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

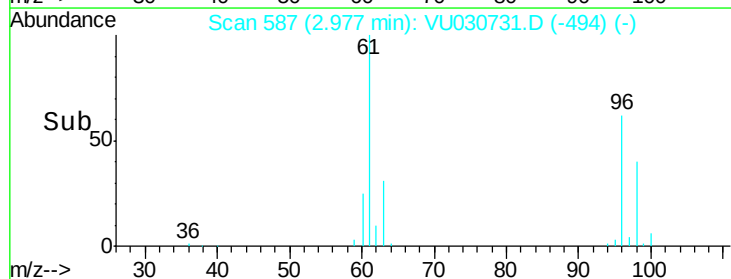
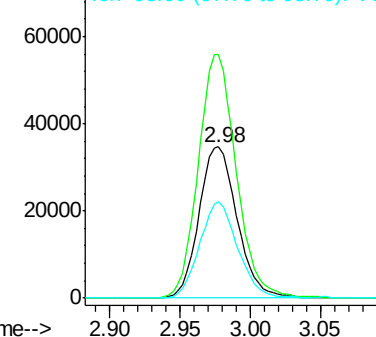


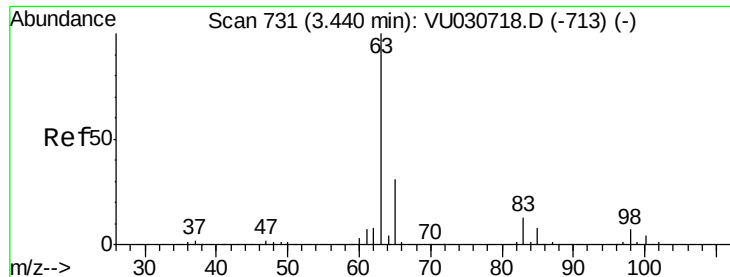
#17
trans-1,2-Dichloroethene
Concen: 20.774 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU030731.D
Acq: 05 Apr 2019 10:26

Tgt Ion: 96 Resp: 65787
Ion Ratio Lower Upper
96 100
61 161.0 109.5 203.3
98 64.1 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

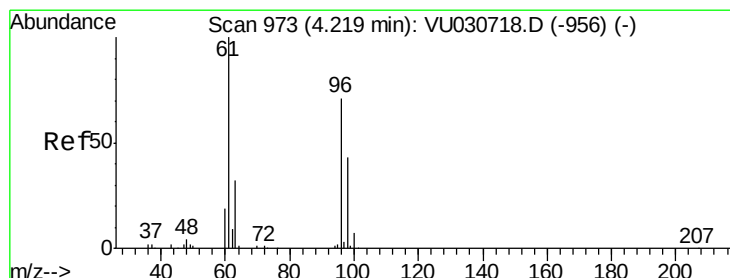
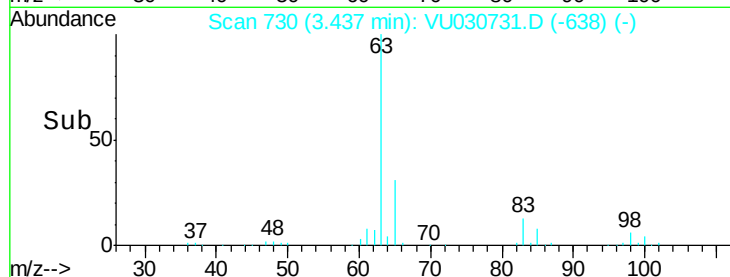
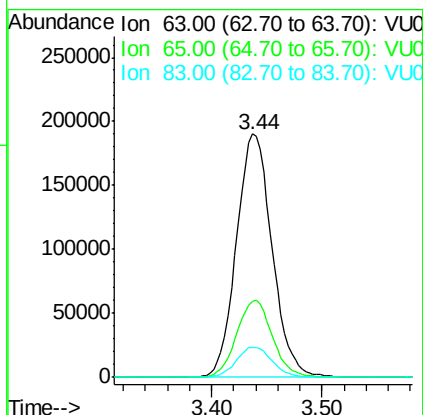
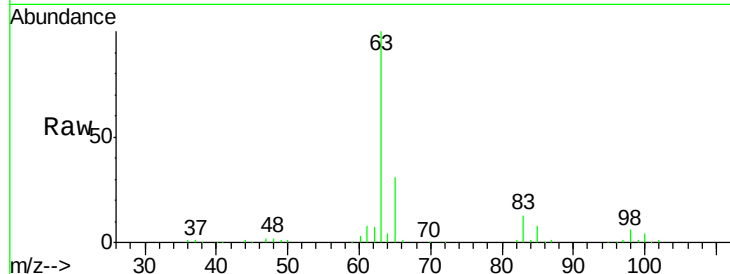




#19
 1,1-Dichloroethane
 Concen: 65.185 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU030731.D
 Acq: 05 Apr 2019 10:26

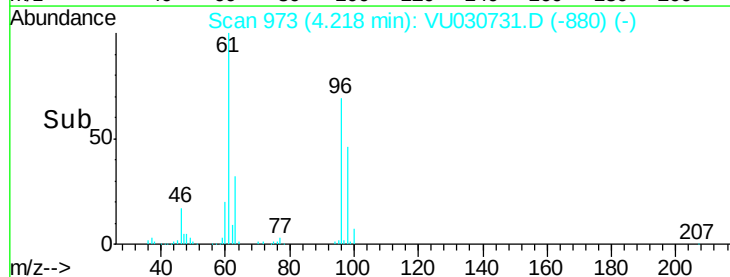
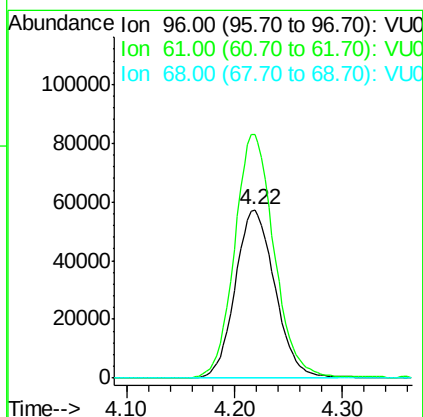
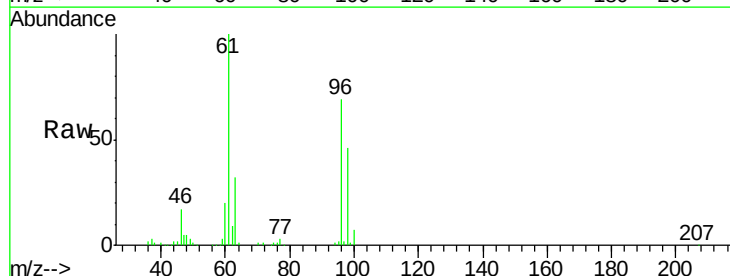
Instrument :
 MSVOA_U
 ClientSampleID :
 DB7C4

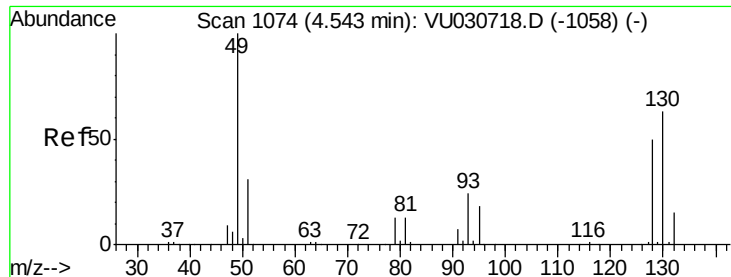
Tot Ion: 63 Resp: 426006
 Ion Ratio Lower Upper
 63 100
 65 31.3 21.4 39.8
 83 12.5 8.5 15.7



#20
 cis-1,2-Dichloroethene
 Concen: 41.919 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU030731.D
 Acq: 05 Apr 2019 10:26

Tgt Ion: 96 Resp: 146575
 Ion Ratio Lower Upper
 96 100
 61 144.7 102.9 191.1
 68 0.0 0.0 0.0





#23

Bromochloromethane

Concen: 42.650 ug/L

RT: 4.54 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

DB7C4

Tot Ion:128 Resp: 70505

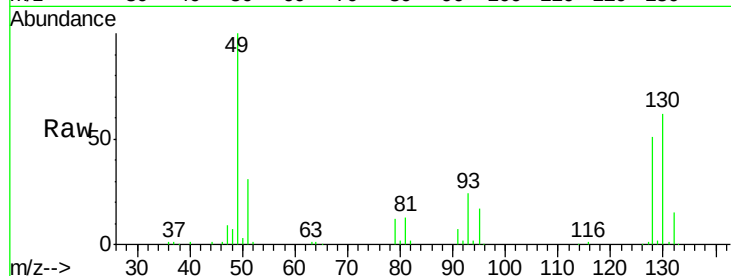
Ion Ratio Lower Upper

128 100

49 197.8 139.9 259.7

130 121.9 86.6 160.8

51 60.9 52.2 78.4

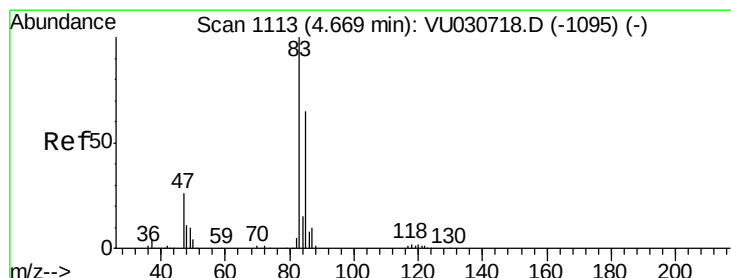
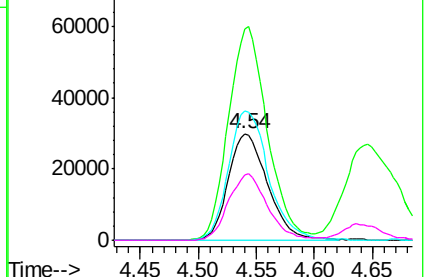
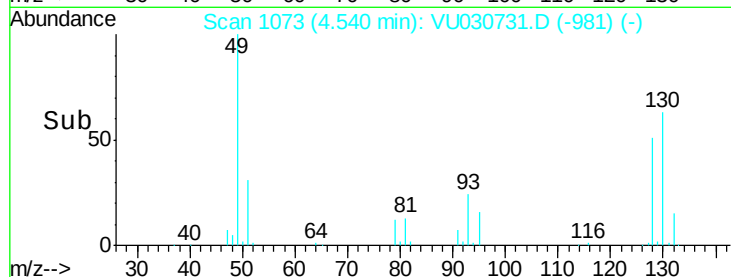


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VU0



#25

Chloroform

Concen: 56.361 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030731.D

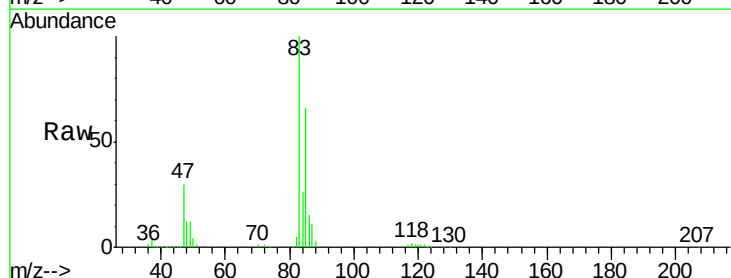
Acq: 05 Apr 2019 10:26

Tgt Ion: 83 Resp: 370200

Ion Ratio Lower Upper

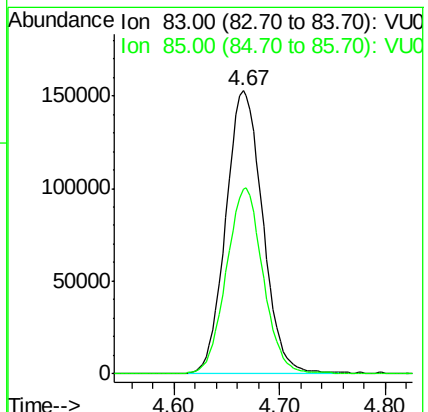
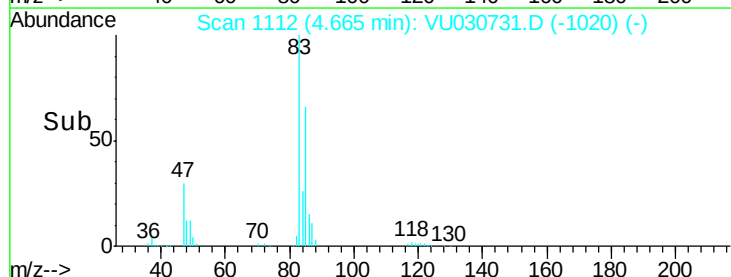
83 100

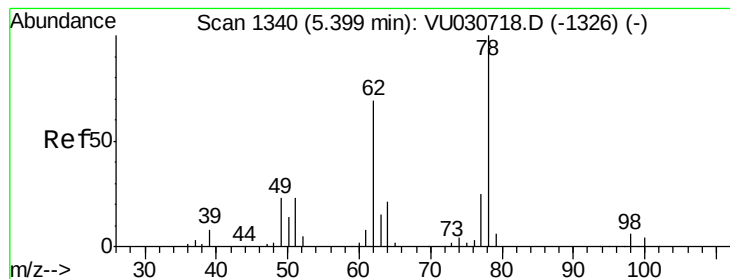
85 65.5 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#27

1,2-Dichloroethane

Concen: 70.263 ug/L

RT: 5.40 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

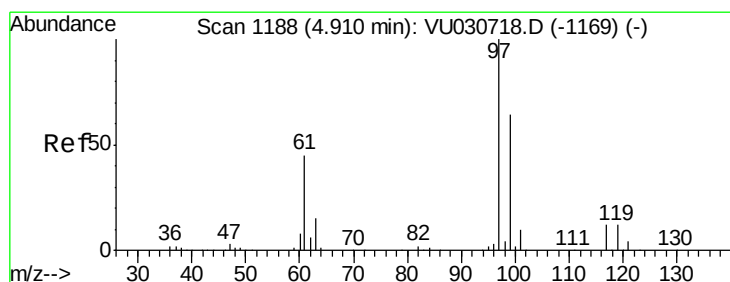
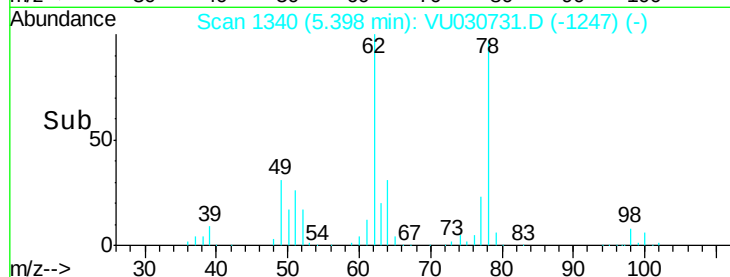
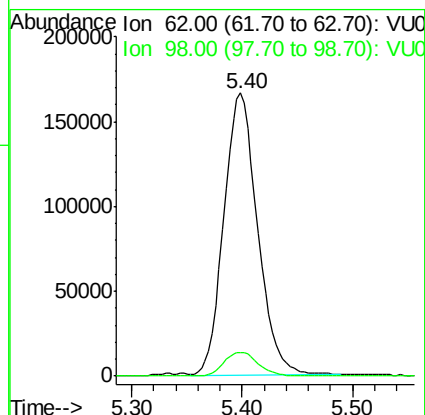
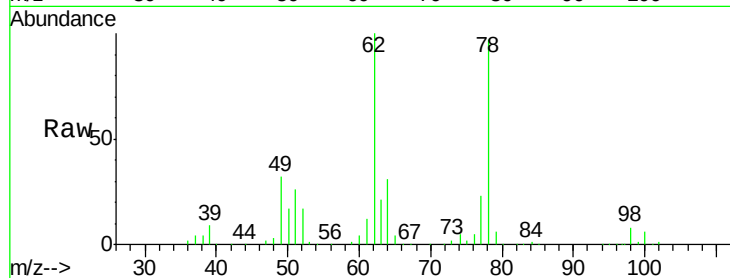
DB7C4

Tot Ion: 62 Resp: 352242

Ion Ratio Lower Upper

62 100

98 8.4 7.2 10.8



#30

1,1,1-Trichloroethane

Concen: 21.017 ug/L

RT: 4.91 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

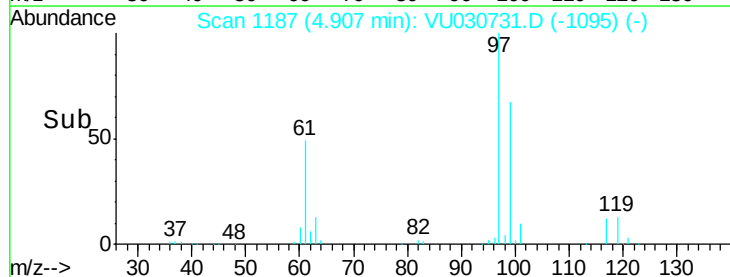
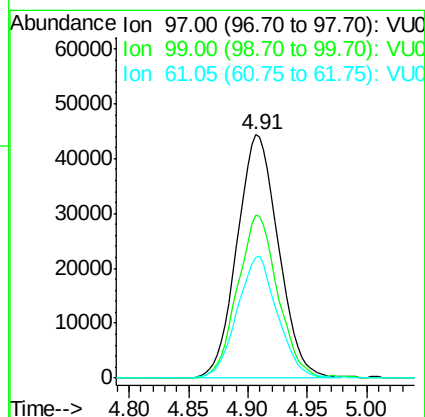
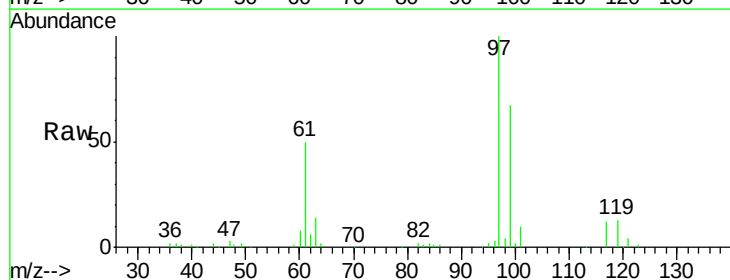
Tgt Ion: 97 Resp: 107234

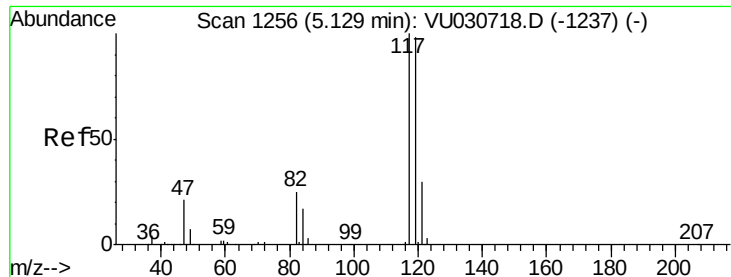
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.2

61 48.6 37.1 55.7





#31

Carbon tetrachloride

Concen: 61.153 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

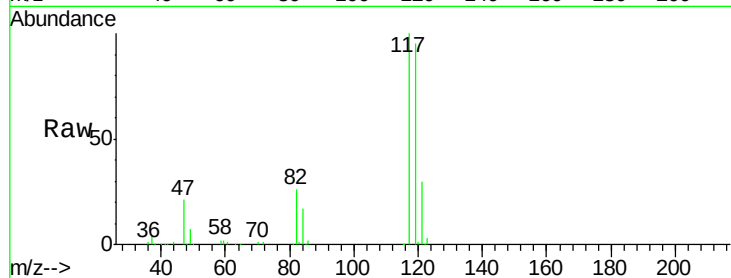
DB7C4

Tot Ion:117 Resp: 268879

Ion Ratio Lower Upper

117 100

119 95.0 76.2 114.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

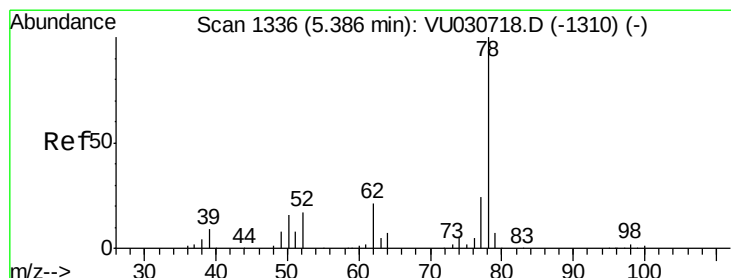
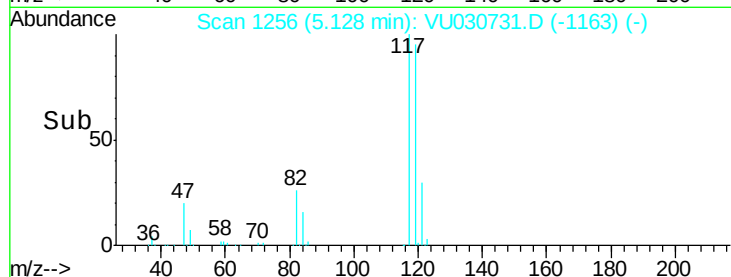
5.13

100000

50000

0

Time--> 5.00 5.10 5.20



#33

Benzene

Concen: 46.506 ug/L

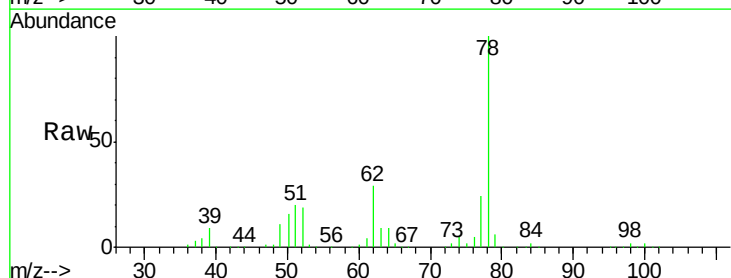
RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

Tgt Ion: 78 Resp: 637151



Abundance Ion 78.00 (77.70 to 78.70): VU0

5.38

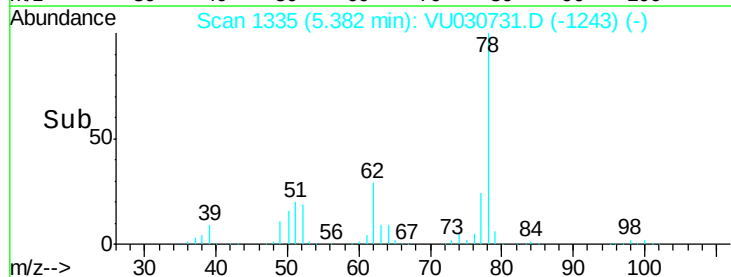
300000

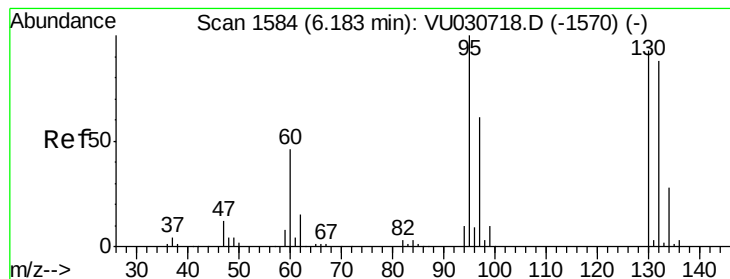
200000

100000

0

Time--> 5.30 5.40 5.50





#34

Trichloroethene

Concen: 81.728 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

DB7C4

Tot Ion: 95 Resp: 274629

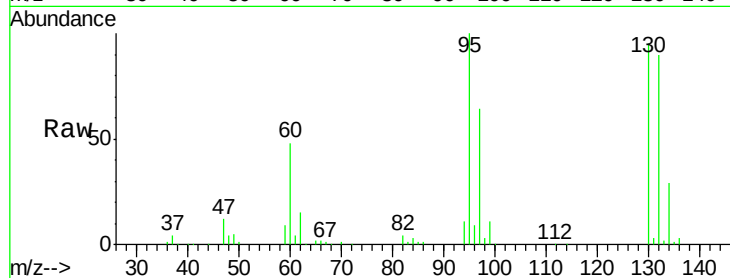
Ion Ratio Lower Upper

95 100

97 64.4 44.5 82.7

132 89.6 61.5 114.1

130 95.3 64.9 120.5

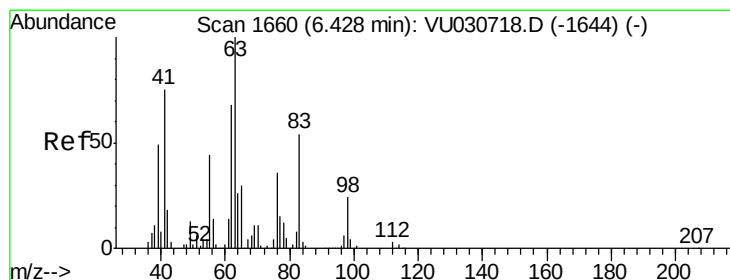
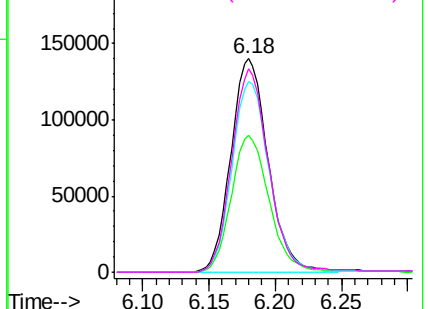
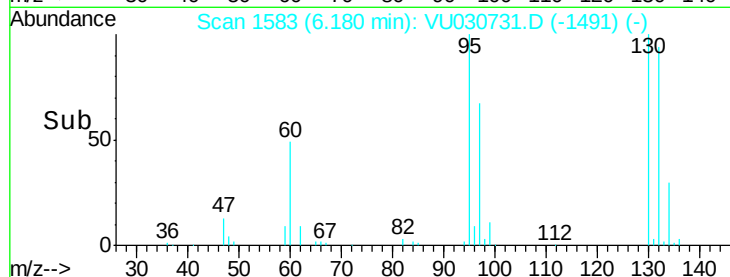


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 39.261 ug/L

RT: 6.43 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VU030731.D

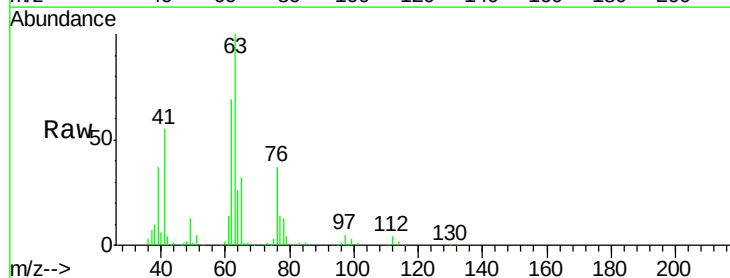
Acq: 05 Apr 2019 10:26

Tgt Ion: 63 Resp: 152313

Ion Ratio Lower Upper

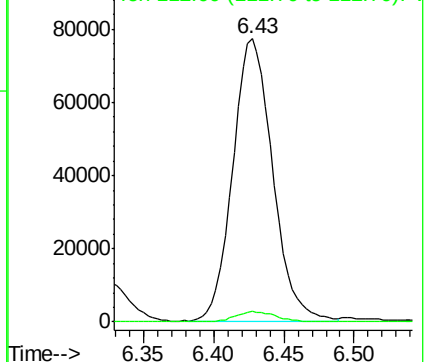
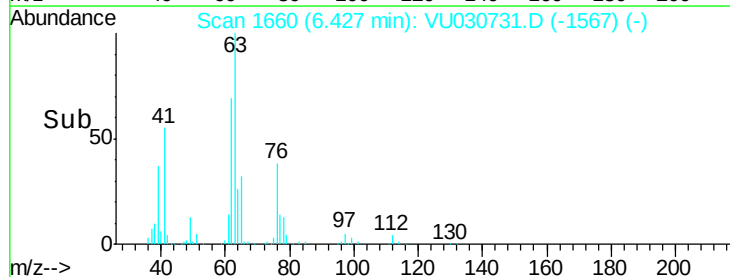
63 100

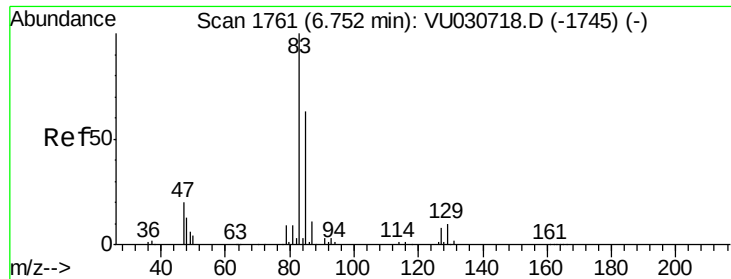
112 3.8 3.0 4.4



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

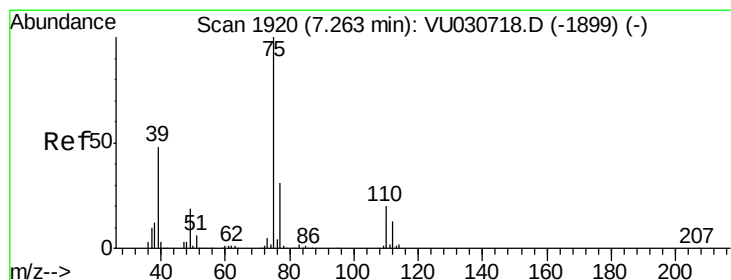
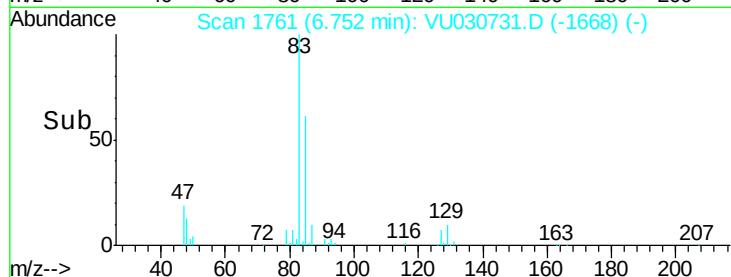
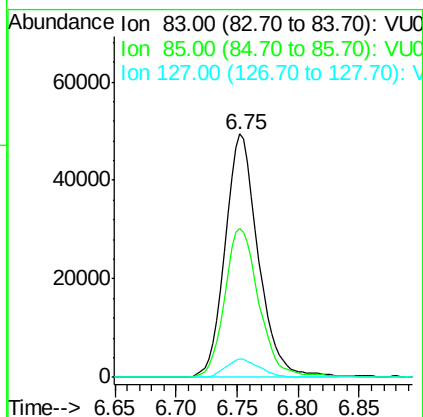
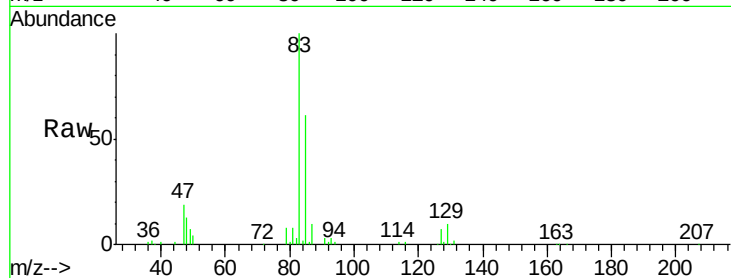




#38
 Bromodichloromethane
 Concen: 20.110 ug/L
 RT: 6.75 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: VU030731.D
 Acq: 05 Apr 2019 10:26

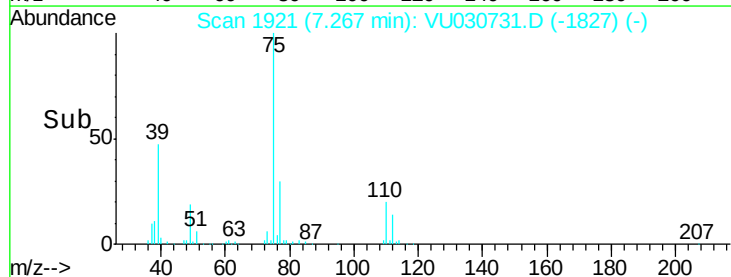
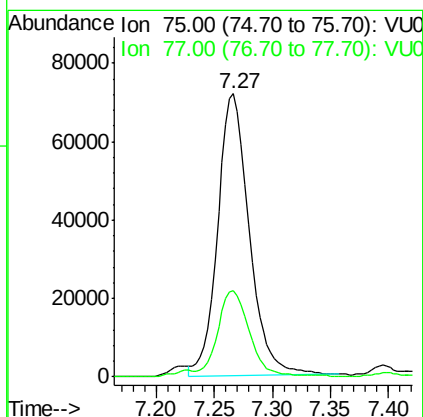
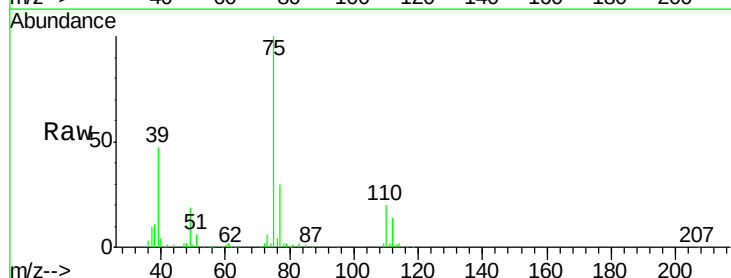
Instrument :
 MSVOA_U
 ClientSampleId :
 DB7C4

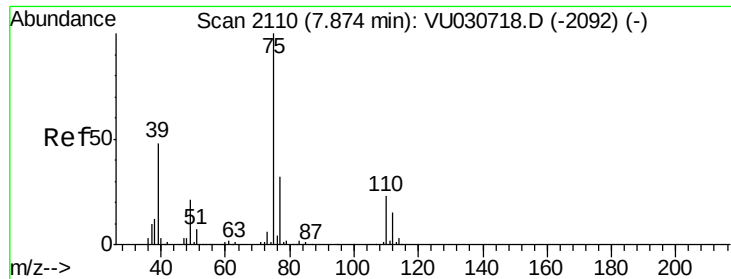
Tot Ion: 83 Resp: 94114
 Ion Ratio Lower Upper
 83 100
 85 61.1 46.5 86.3
 127 7.4 6.6 10.0



#39
 cis-1,3-Dichloropropene
 Concen: 24.746 ug/L
 RT: 7.27 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VU030731.D
 Acq: 05 Apr 2019 10:26

Tgt Ion: 75 Resp: 136641
 Ion Ratio Lower Upper
 75 100
 77 30.3 23.1 42.9





#44

trans-1,3-Dichloropropene

Concen: 50.104 ug/L

RT: 7.87 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

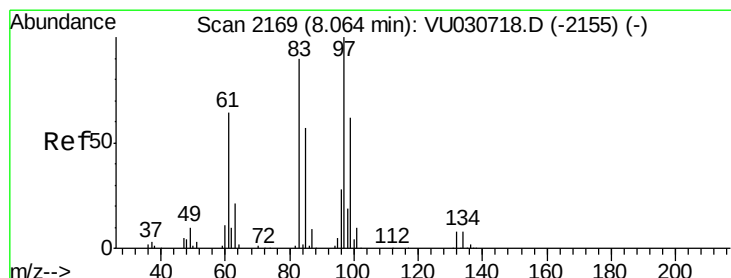
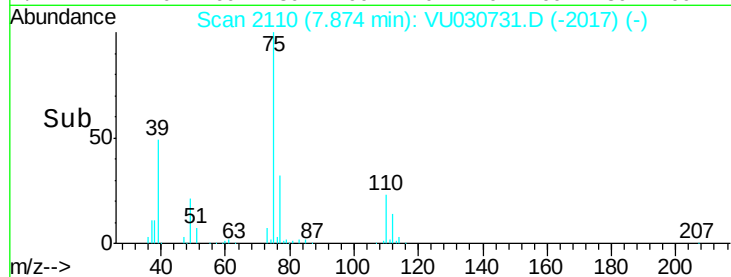
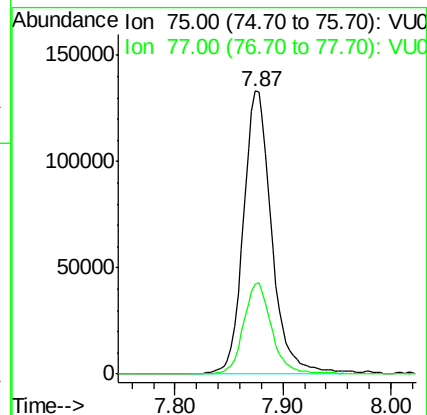
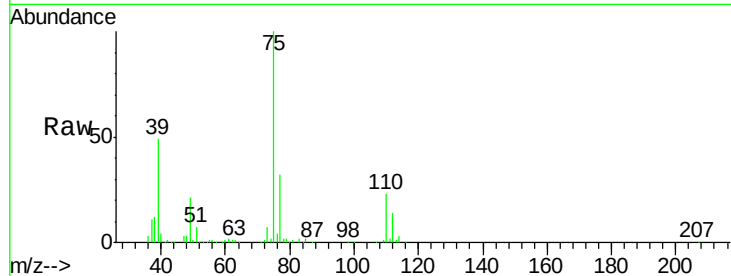
DB7C4

Tot Ion: 75 Resp: 243817

Ion Ratio Lower Upper

75 100

77 32.0 21.6 40.0



#45

1,1,2-Trichloroethane

Concen: 25.436 ug/L

RT: 8.06 min Scan# 2169

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

Tgt Ion: 97 Resp: 83688

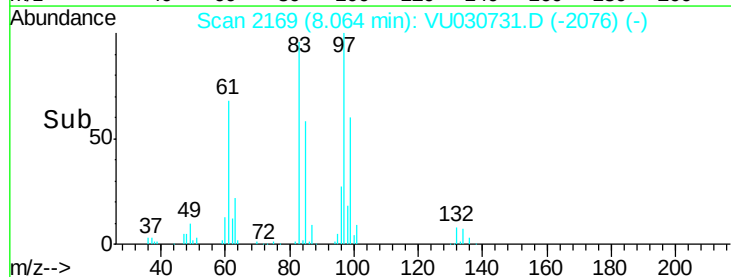
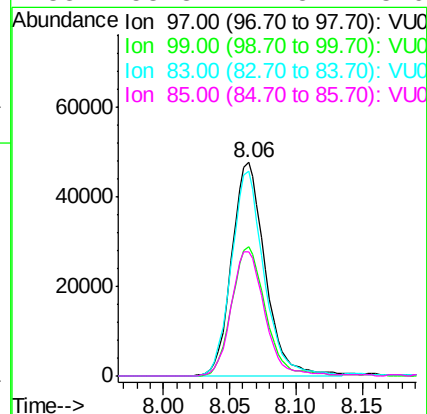
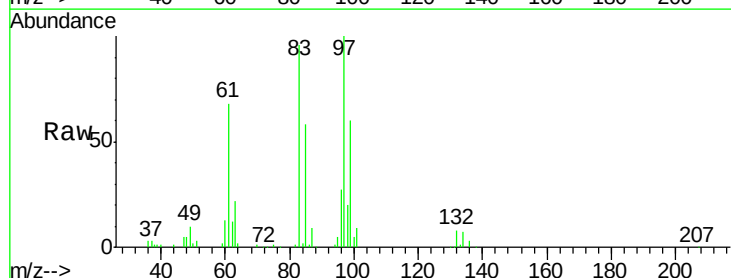
Ion Ratio Lower Upper

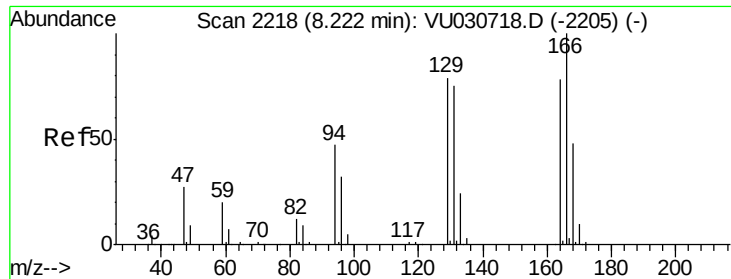
97 100

99 60.5 44.0 81.8

83 96.0 65.3 121.3

85 58.3 42.5 78.9

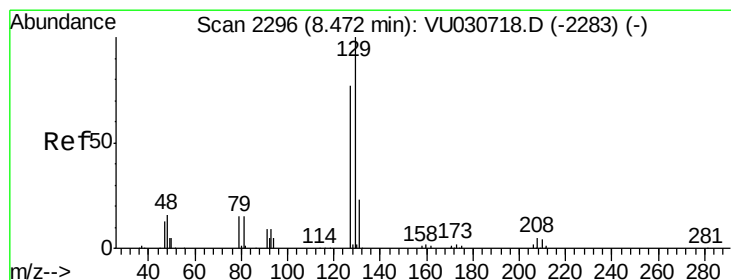
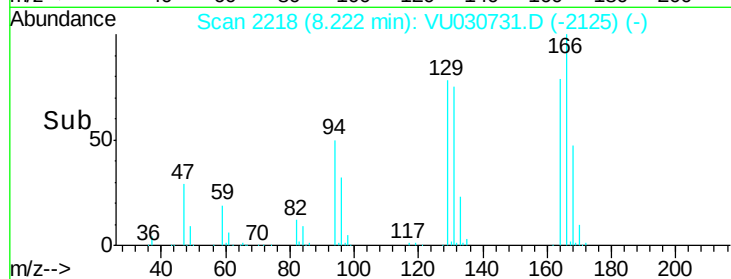
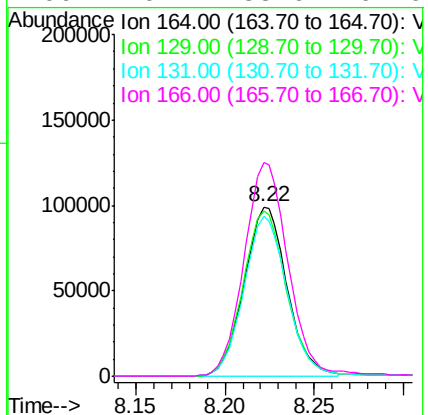
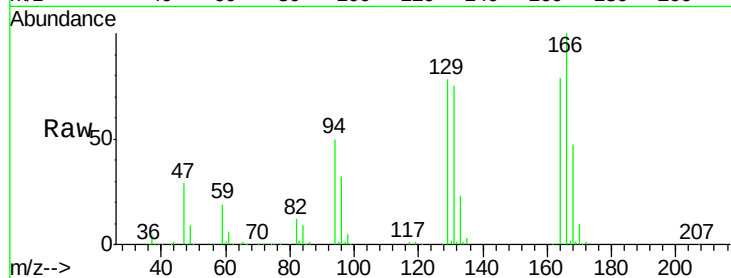




#46
Tetrachloroethene
Concen: 68.416 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030731.D
Acq: 05 Apr 2019 10:26

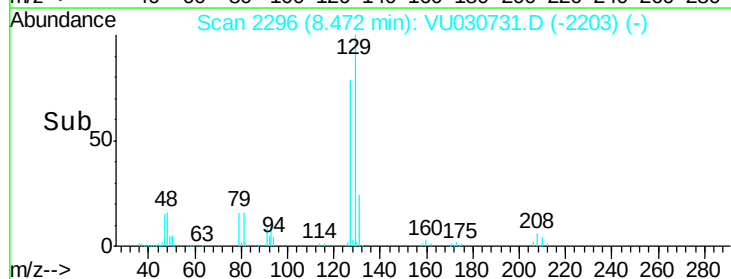
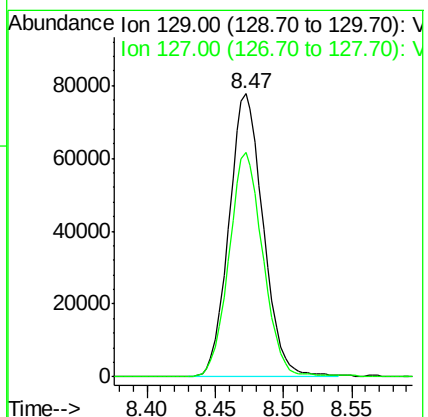
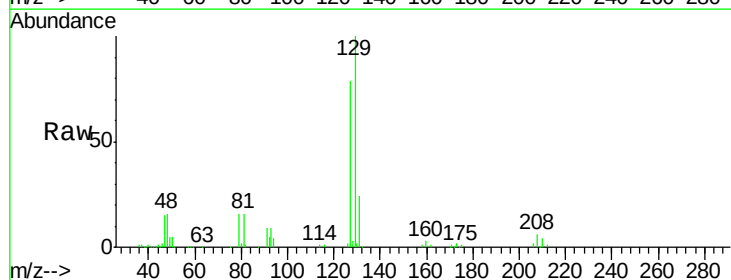
Instrument :
MSVOA_U
ClientSampled :
DB7C4

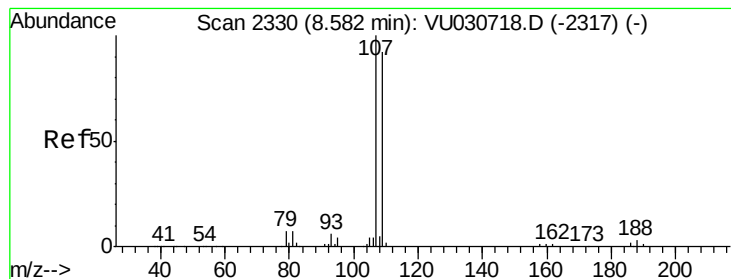
Tot Ion	Ratio	Lower	Upper
164	100		
129	97.9	67.4	125.2
131	94.2	65.9	122.5
166	126.1	88.6	164.6



#49
Dibromochloromethane
Concen: 38.909 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU030731.D
Acq: 05 Apr 2019 10:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.2	54.5	101.3





#50

1,2-Dibromoethane

Concen: 29.281 ug/L

RT: 8.58 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

Instrument :

MSVOA_U

ClientSampleId :

DB7C4

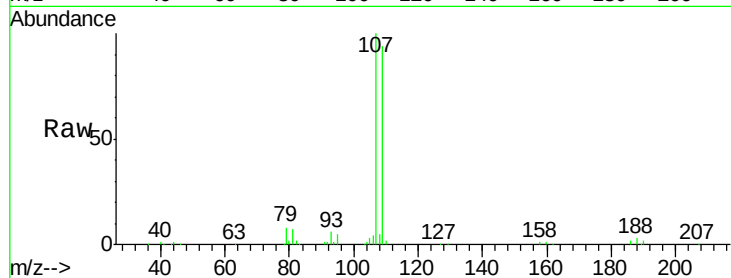
Tot Ion: 107 Resp: 104249

Ion Ratio Lower Upper

107 100

109 94.4 66.4 123.2

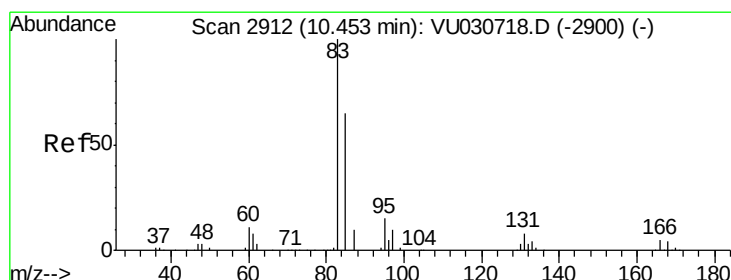
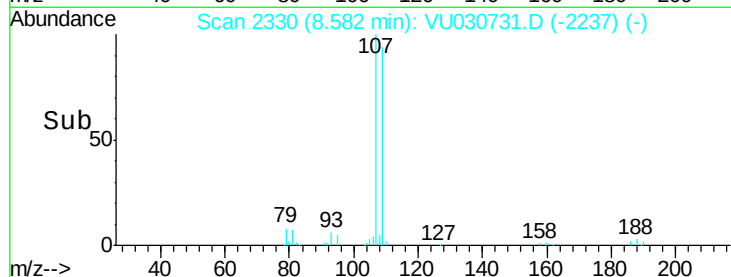
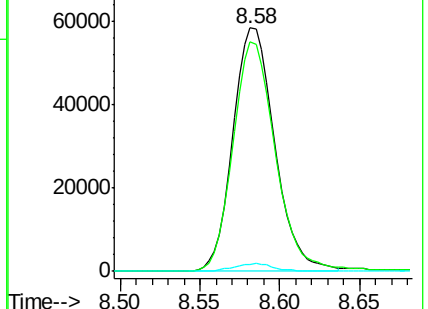
188 3.0 2.6 4.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 37.592 ug/L

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

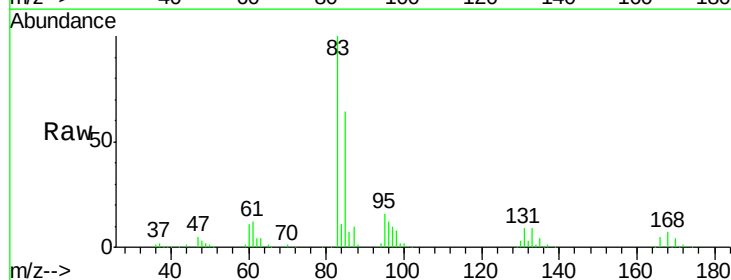
Tgt Ion: 83 Resp: 223716

Ion Ratio Lower Upper

83 100

85 63.7 45.3 84.1

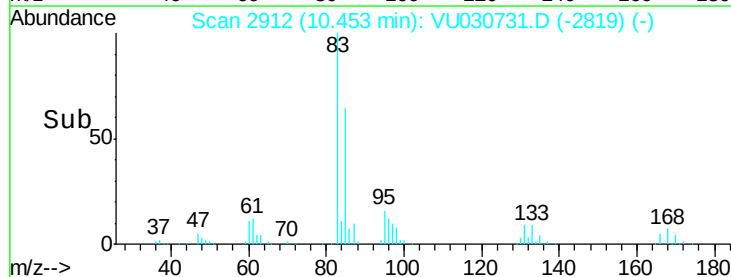
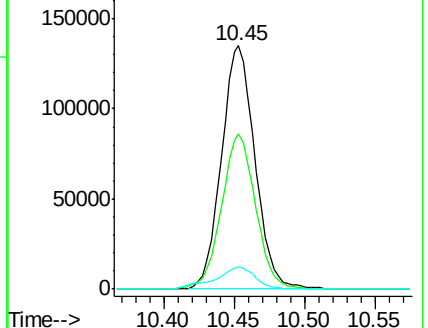
131 8.9 6.7 10.1

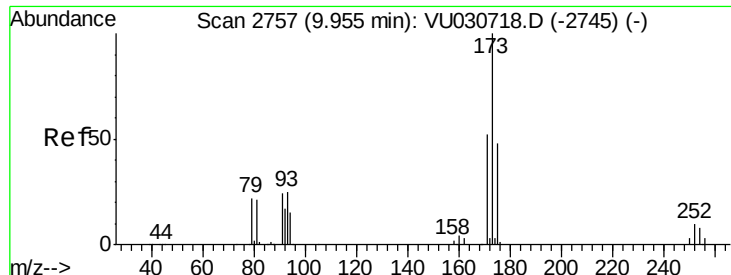


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 131.00 (130.70 to 131.70): V





#61

Bromoform

Concen: 49.484 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

Instrument :
MSVOA_U
ClientSampleId :
DB7C4

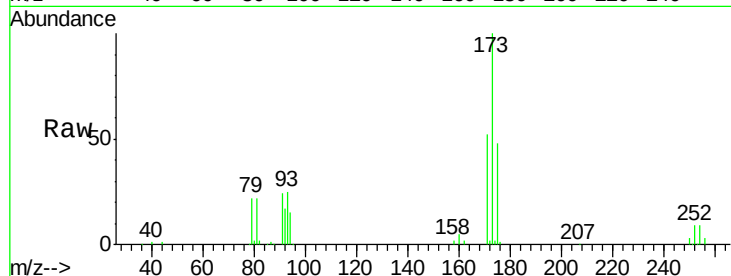
Tot Ion:173 Resp: 124810

Ion Ratio Lower Upper

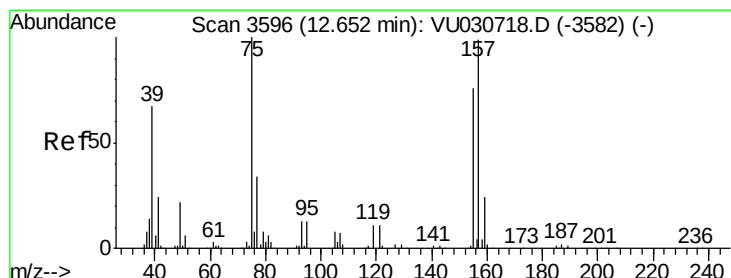
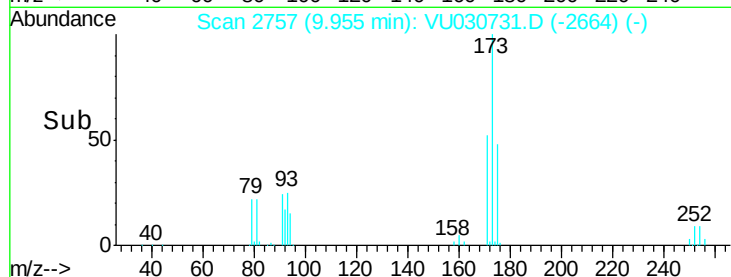
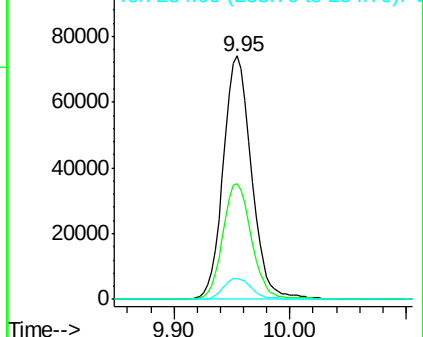
173 100

175 48.1 39.1 58.7

254 8.7 7.3 10.9



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 39.478 ug/L

RT: 12.65 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VU030731.D

Acq: 05 Apr 2019 10:26

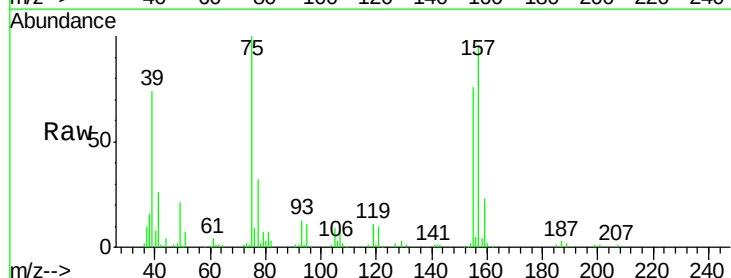
Tgt Ion: 75 Resp: 50798

Ion Ratio Lower Upper

75 100

155 76.5 64.1 96.1

157 94.9 80.6 120.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 155.00 (154.70 to 155.70): V
Ion 157.00 (156.70 to 157.70): V

