

Data File : VU030797.D
Acq On : 06 Apr 2019 14:00
Operator : JC/SP
Sample : K2299-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6W7

Quant Time: Apr 08 05:04:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489991	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	470372	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216336	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	214056	48.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.88%
7) Chloroethane-d5	1.66	69	168670	50.81	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.62%
11) 1,1-Dichloroethene-d2	2.26	63	438987	55.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.98%
21) 2-Butanone-d5	4.17	46	363545	104.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.87%
24) Chloroform-d	4.64	84	348042	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.18%
26) 1,2-Dichloroethane-d4	5.30	65	237160	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
32) Benzene-d6	5.33	84	693944	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
36) 1,2-Dichloropropane-d6	6.32	67	246848	52.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.92%
41) Toluene-d8	7.56	98	604124	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.85	79	111011	51.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.46%
47) 2-Hexanone-d5	8.31	63	241597	112.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	329945	51.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	216489	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	122125	28.374 ug/L	97
3) Chloromethane	1.32	50	153432	27.560 ug/L	99
5) Vinyl chloride	1.40	62	306913	56.951 ug/L	99
6) Bromomethane	1.60	94	55362	19.828 ug/L	99
8) Chloroethane	1.68	64	83307	27.103 ug/L	99
9) Trichlorofluoromethane	1.87	101	296781	47.263 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	81072	23.107 ug/L	96
12) 1,1-Dichloroethene	2.27	96	235833	69.627 ug/L	95
13) Acetone	2.32	43	4265	1.202 ug/L	77
16) Methylene chloride	2.69	84	175043	42.542 ug/L	100
17) trans-1,2-Dichloroethene	2.97	96	77012	21.414 ug/L	99
19) 1,1-Dichloroethane	3.44	63	489864	66.004 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	163276	41.118 ug/L	97
23) Bromochloromethane	4.54	128	80903	43.095 ug/L	96
25) Chloroform	4.67	83	440986	59.119 ug/L	98
27) 1,2-Dichloroethane	5.40	62	413445	72.621 ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	126168	22.010 ug/L	100

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QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.13	117	318505	64.477	ug/L	99
33) Benzene	5.38	78	746506	48.498	ug/L	100
34) Trichloroethene	6.18	95	325007	86.088	ug/L	99
37) 1,2-Dichloropropane	6.43	63	184299	42.284	ug/L #	98
38) Bromodichloromethane	6.75	83	109982	20.917	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	154993	24.984	ug/L	97
44) trans-1,3-Dichloropropene	7.87	75	283842	51.917	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	100324	27.140	ug/L	96
46) Tetrachloroethene	8.22	164	197617	71.998	ug/L	99
49) Dibromochloromethane	8.47	129	165862	42.286	ug/L	94
50) 1,2-Dibromoethane	8.58	107	120873	30.218	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	267246	39.970	ug/L	100
59) 1,2,3-Trichloropropane	11.48	75	28659	5.490	ug/L	91
61) Bromoform	9.95	173	152313	53.295	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	61077	41.891	ug/L	91

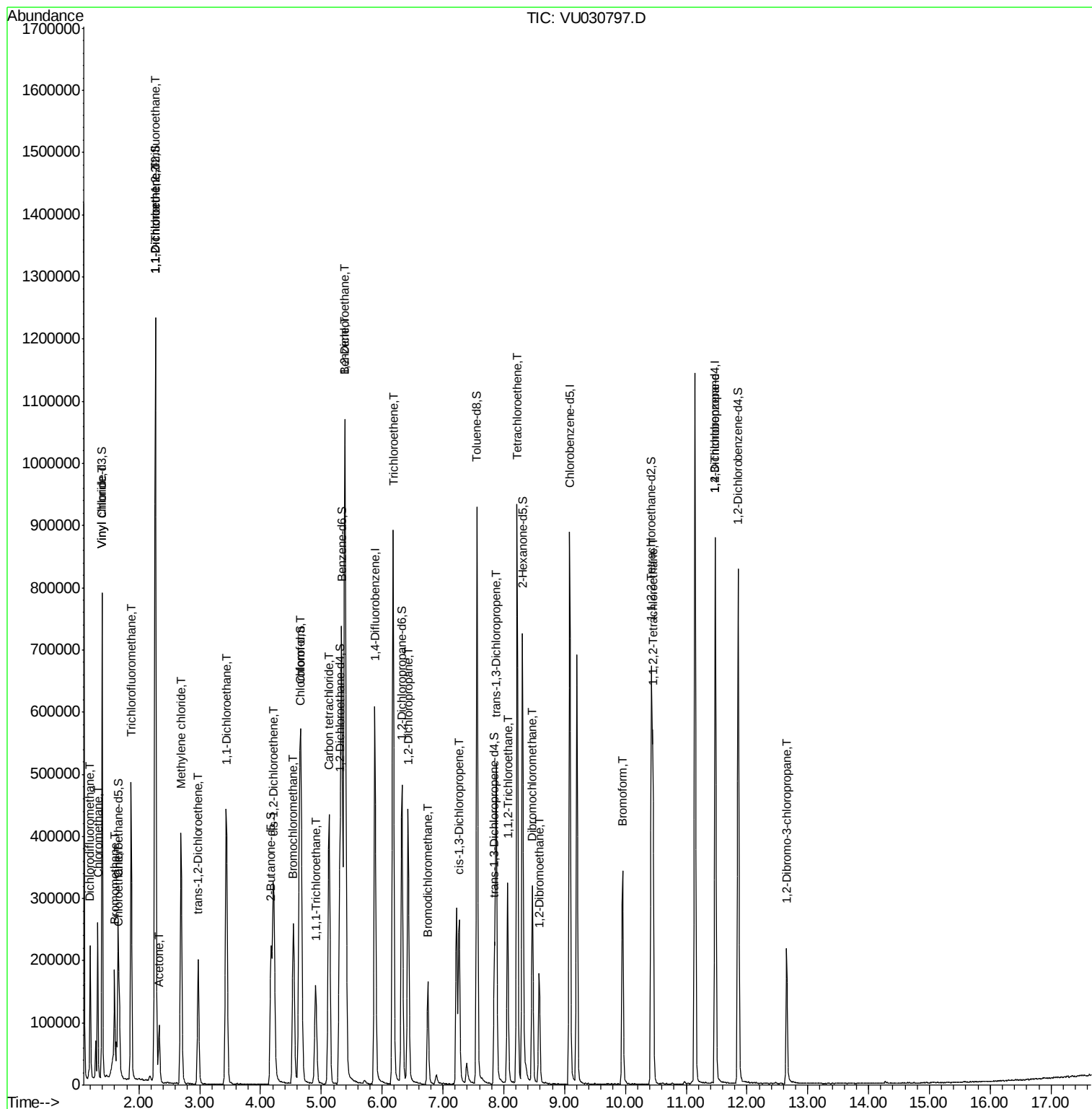
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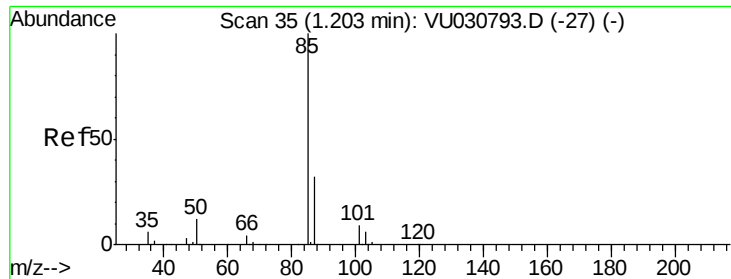
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#2

Dichlorodifluoromethane

Concen: 28.374 ug/L

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

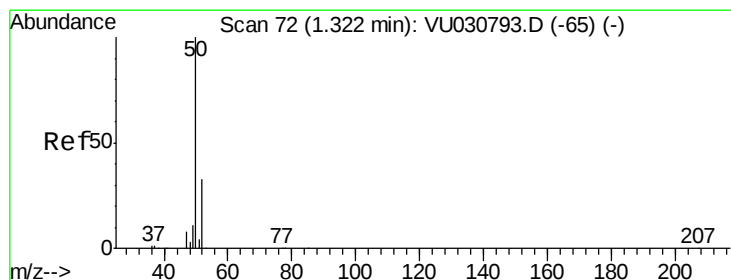
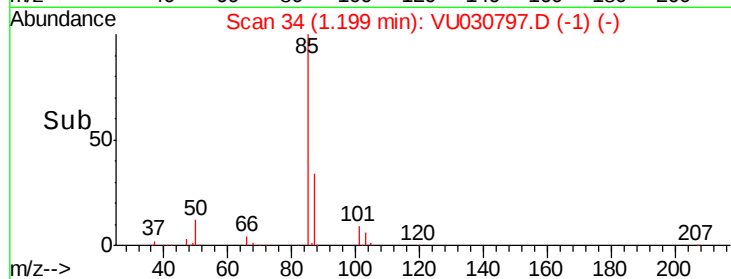
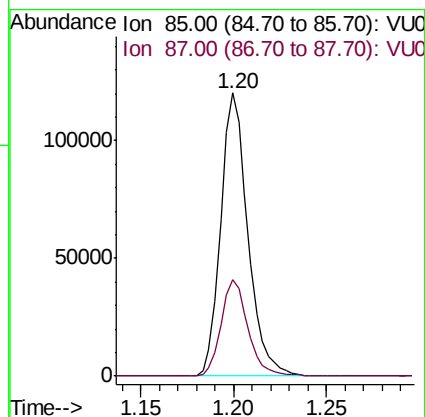
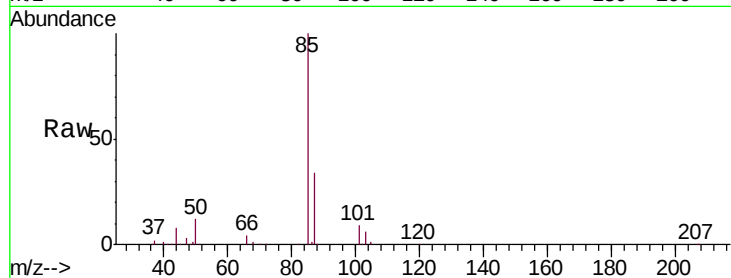
DB6W7

Tgt Ion: 85 Resp: 122125

Ion Ratio Lower Upper

85 100

87 33.7 25.7 38.5



#3

Chloromethane

Concen: 27.560 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU030797.D

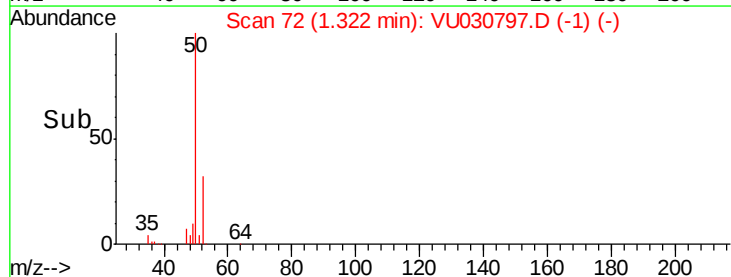
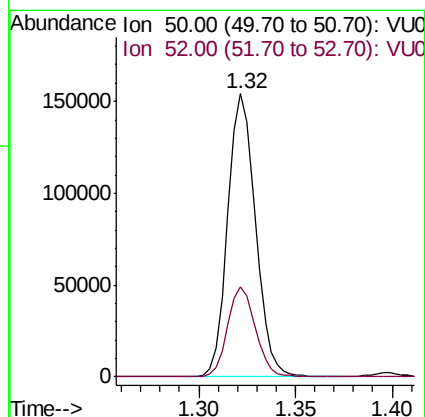
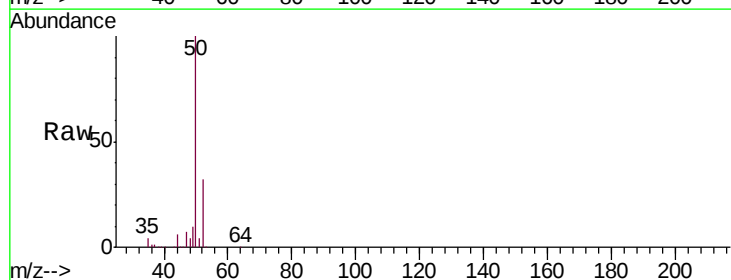
Acq: 06 Apr 2019 14:00

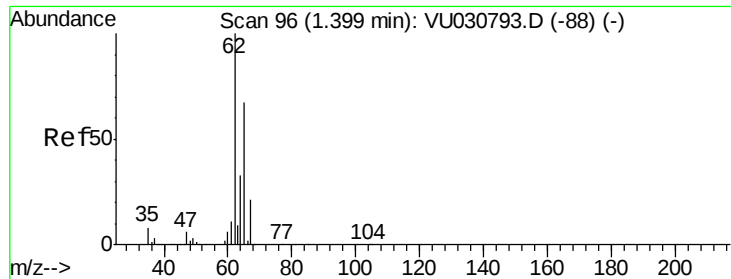
Tgt Ion: 50 Resp: 153432

Ion Ratio Lower Upper

50 100

52 31.9 22.7 42.1





#5

Vinyl chloride

Concen: 56.951 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

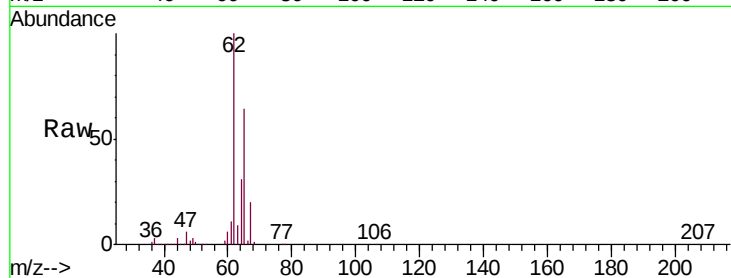
DB6W7

Tgt Ion: 62 Resp: 306913

Ion Ratio Lower Upper

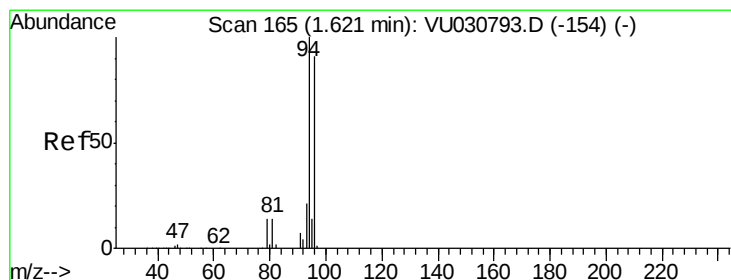
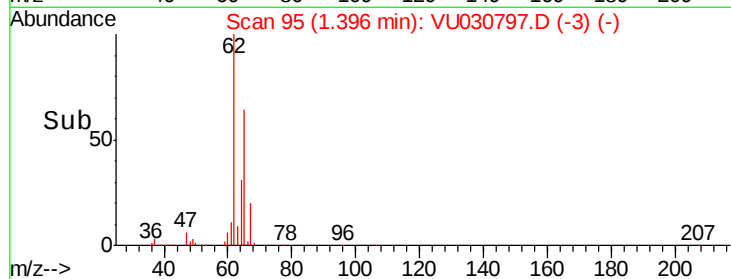
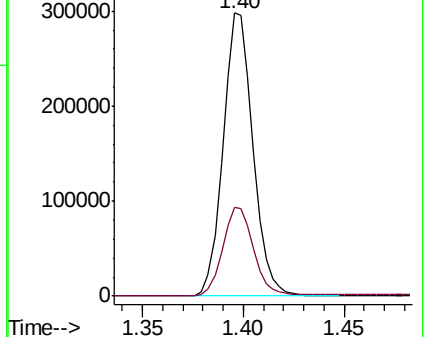
62 100

64 31.2 21.5 39.9



Abundance Ion 62.00 (61.70 to 62.70): VU030797.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU030797.D (-88) (-)



#6

Bromomethane

Concen: 19.828 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU030797.D

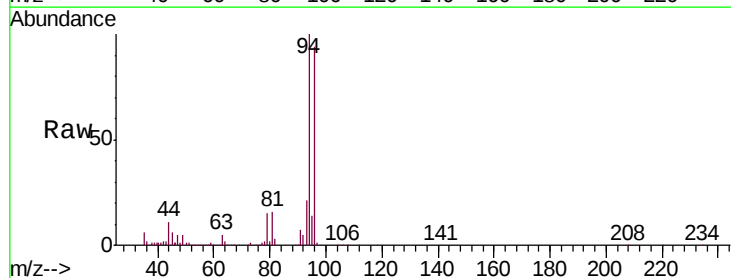
Acq: 06 Apr 2019 14:00

Tgt Ion: 94 Resp: 55362

Ion Ratio Lower Upper

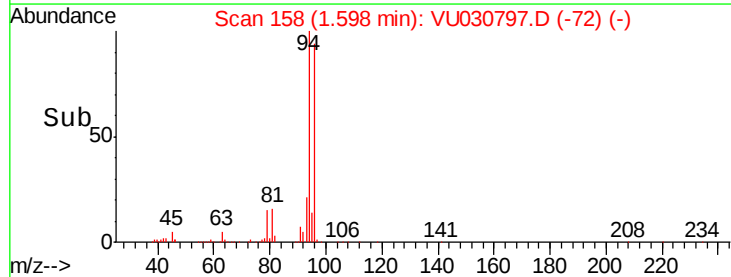
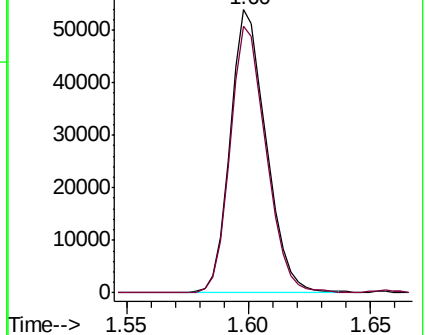
94 100

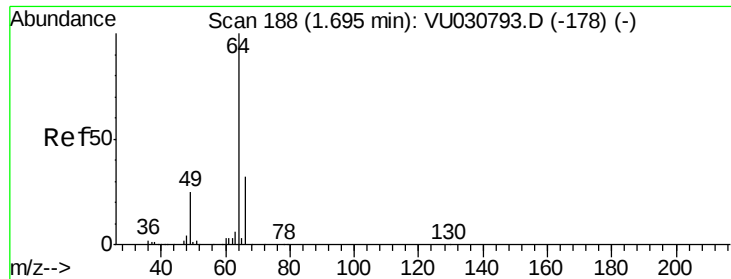
96 94.1 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU030797.D (-154) (-)

Ion 96.00 (95.70 to 96.70): VU030797.D (-154) (-)





#8

Chloroethane

Concen: 27.103 ug/L

RT: 1.68 min Scan# 183

Delta R.T. -0.02 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

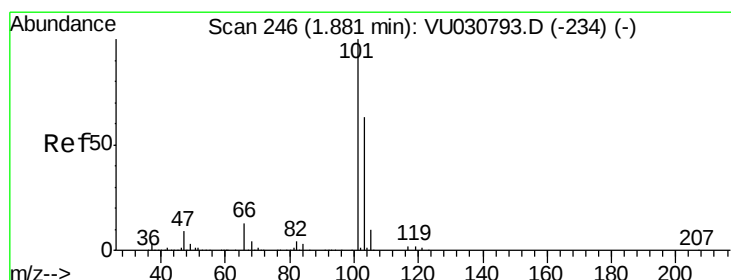
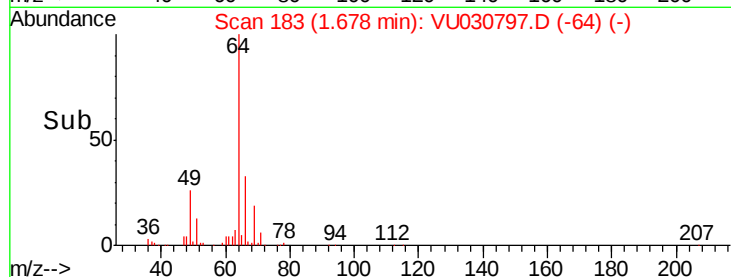
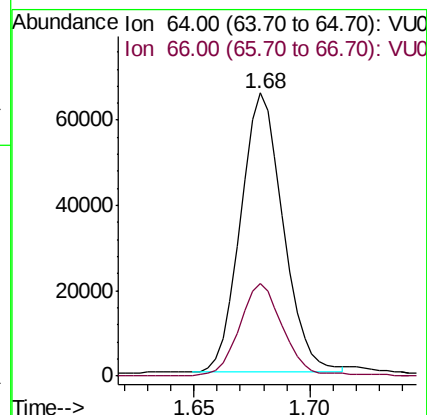
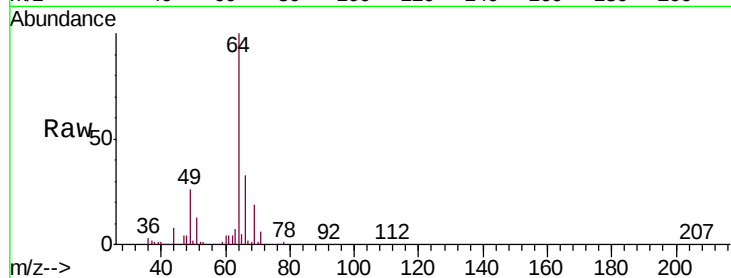
DB6W7

Tgt Ion: 64 Resp: 83307

Ion Ratio Lower Upper

64 100

66 32.7 22.4 41.6



#9

Trichlorofluoromethane

Concen: 47.263 ug/L

RT: 1.87 min Scan# 243

Delta R.T. -0.01 min

Lab File: VU030797.D

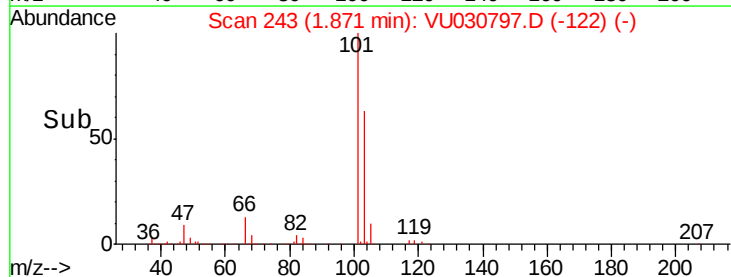
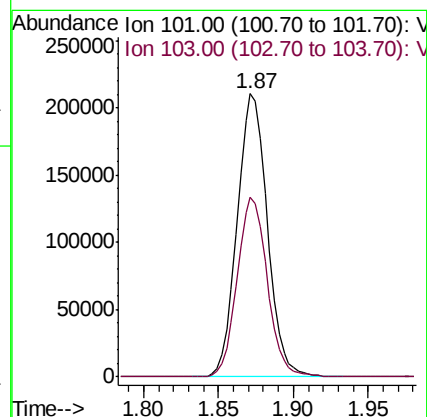
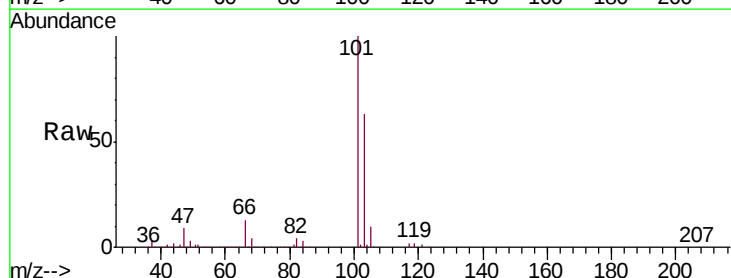
Acq: 06 Apr 2019 14:00

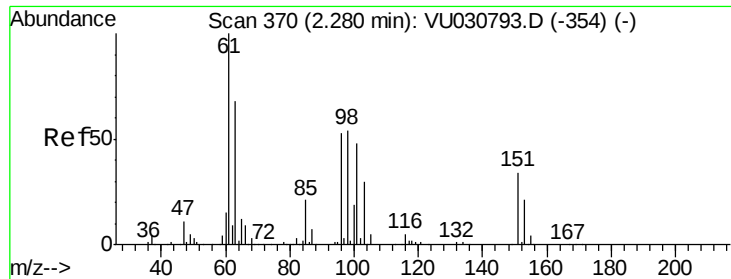
Tgt Ion: 101 Resp: 296781

Ion Ratio Lower Upper

101 100

103 63.6 51.8 77.8





#10

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

Concen: 23.107 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

DB6W7

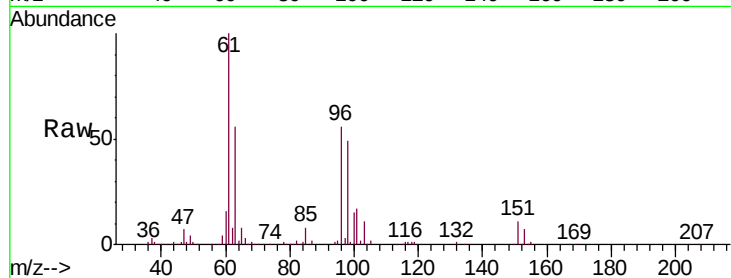
Tgt Ion: 101 Resp: 81072

Ion Ratio Lower Upper

101 100

85 43.5 36.8 55.2

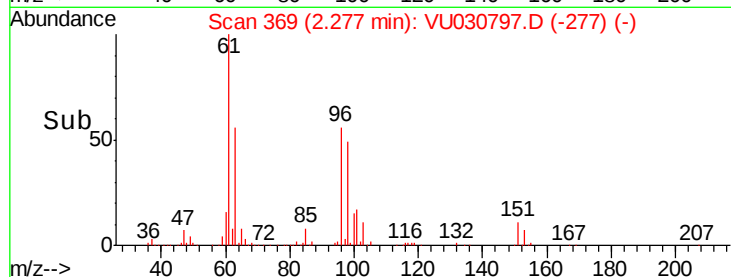
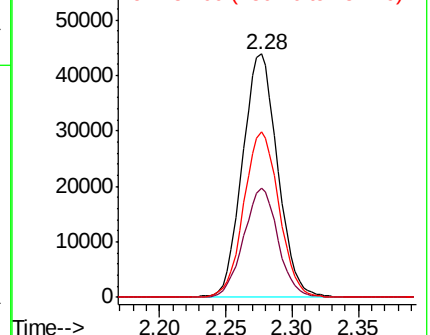
151 67.8 57.4 86.0



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: 69.627 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

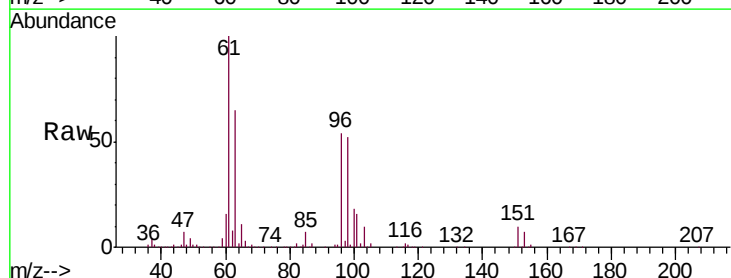
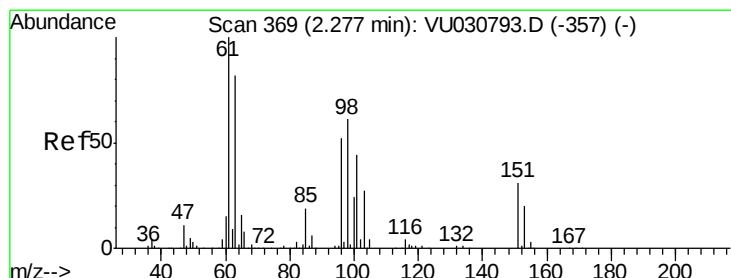
Tgt Ion: 96 Resp: 235833

Ion Ratio Lower Upper

96 100

61 184.6 132.0 245.2

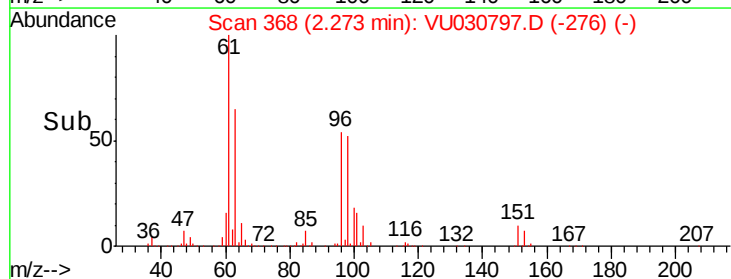
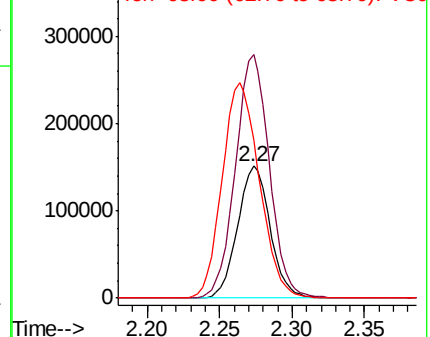
63 119.3 90.9 168.9

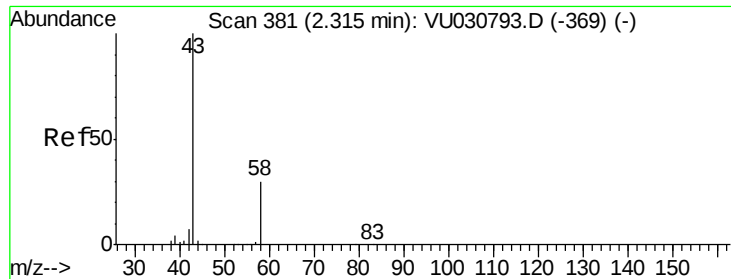


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.202 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

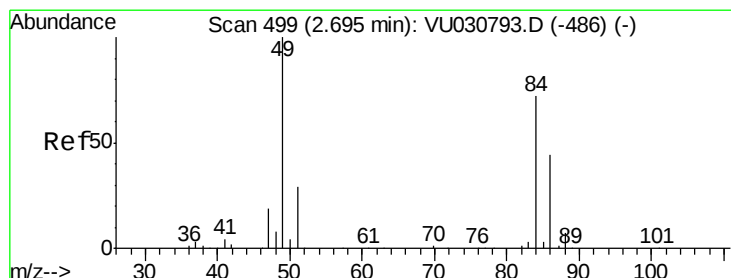
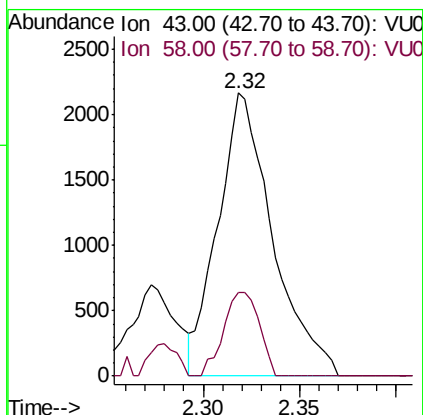
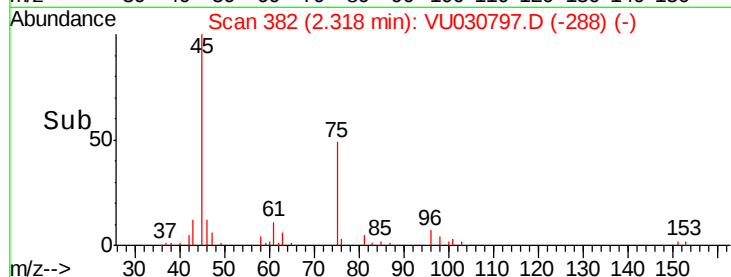
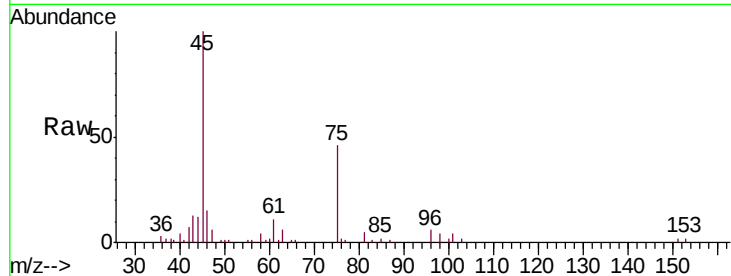
DB6W7

Tgt Ion: 43 Resp: 4265

Ion Ratio Lower Upper

43 100

58 19.2 0.0 64.0



#16

Methylene chloride

Concen: 42.542 ug/L

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

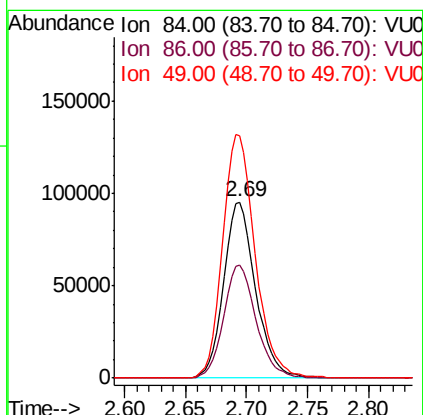
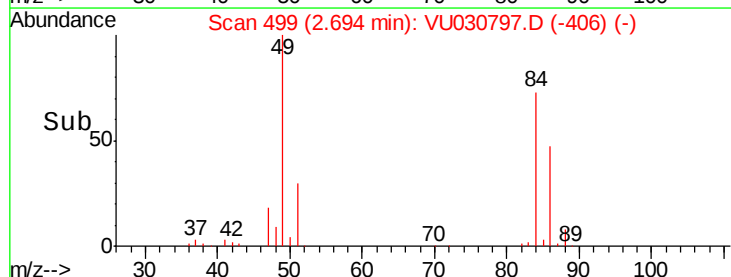
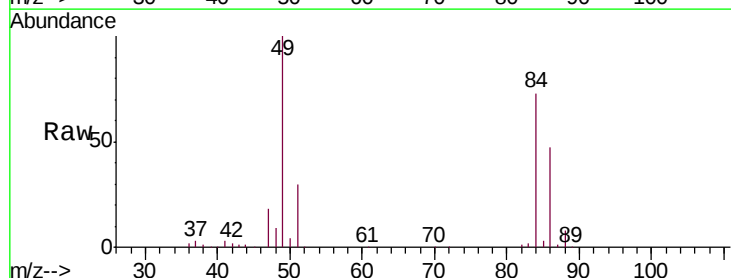
Tgt Ion: 84 Resp: 175043

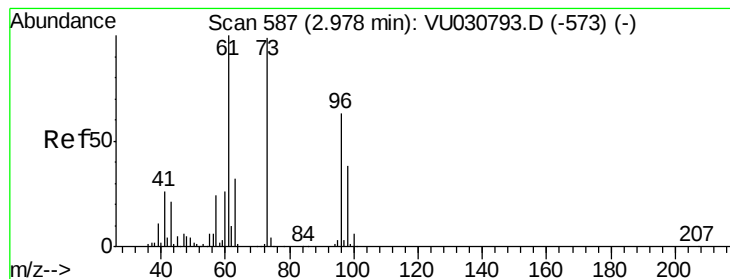
Ion Ratio Lower Upper

84 100

86 64.0 45.1 83.7

49 137.4 96.5 179.1





#17

trans-1,2-Dichloroethene

Concen: 21.414 ug/L

RT: 2.97 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

DB6W7

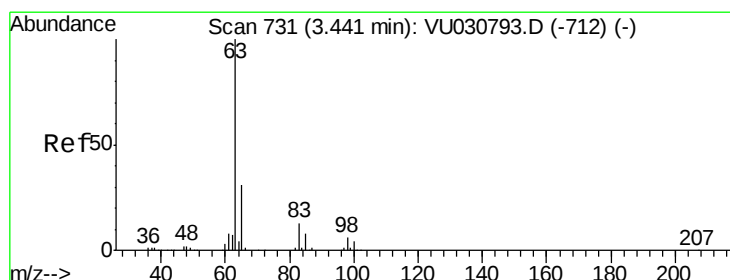
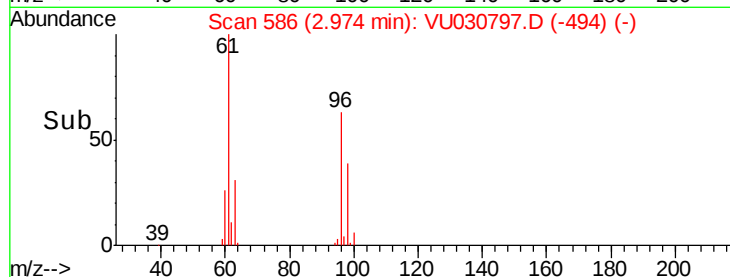
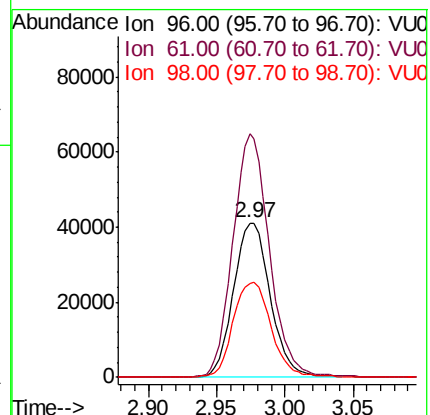
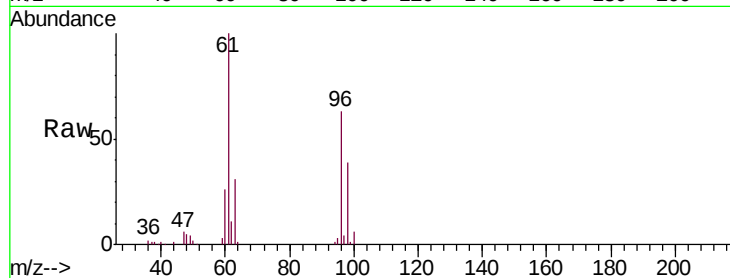
Tgt Ion: 96 Resp: 77012

Ion Ratio Lower Upper

96 100

61 157.8 109.5 203.3

98 61.2 44.0 81.6



#19

1,1-Dichloroethane

Concen: 66.004 ug/L

RT: 3.44 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

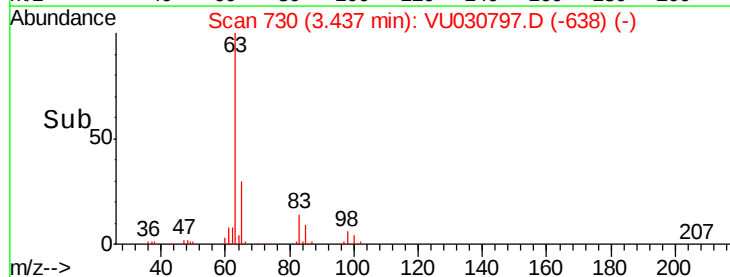
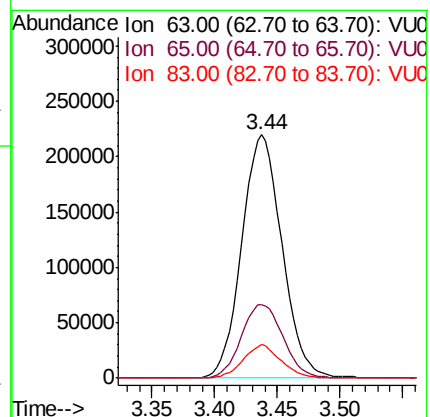
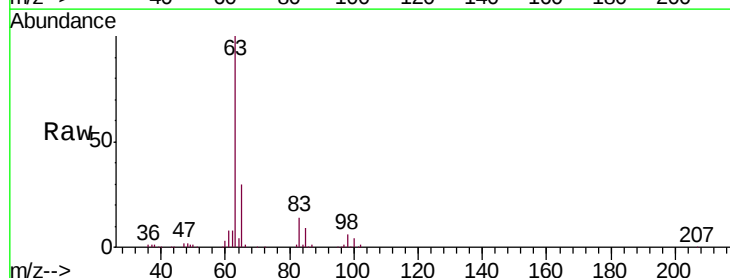
Tgt Ion: 63 Resp: 489864

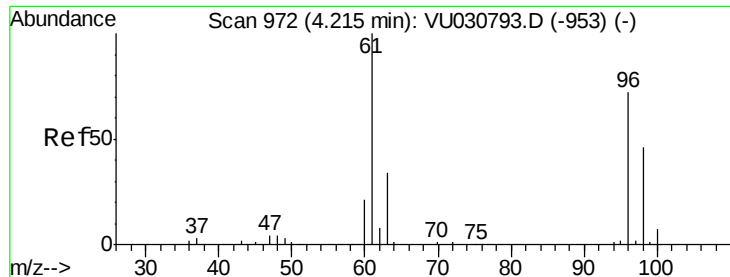
Ion Ratio Lower Upper

63 100

65 30.4 21.4 39.8

83 13.7 8.5 15.7

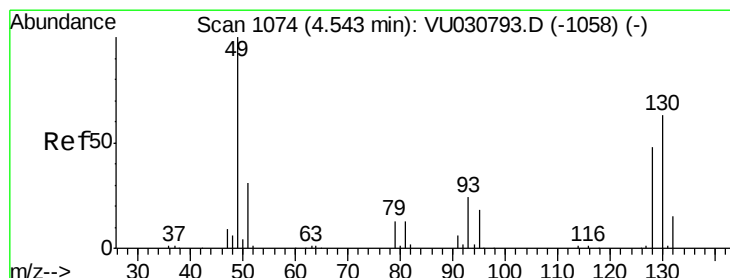
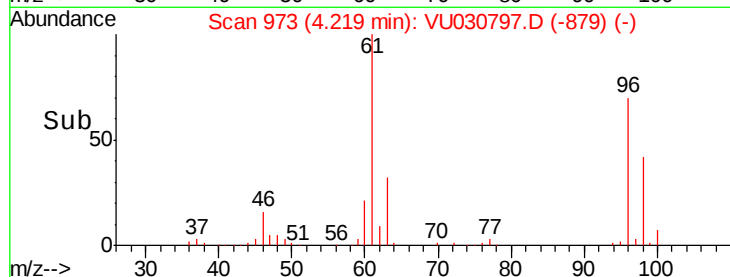
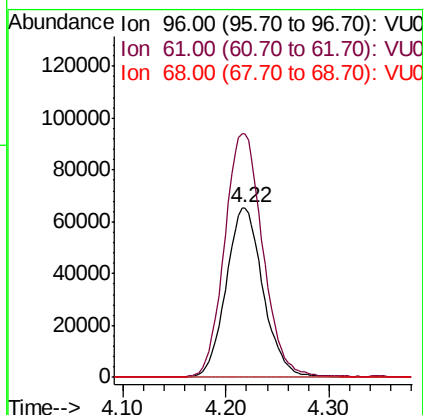
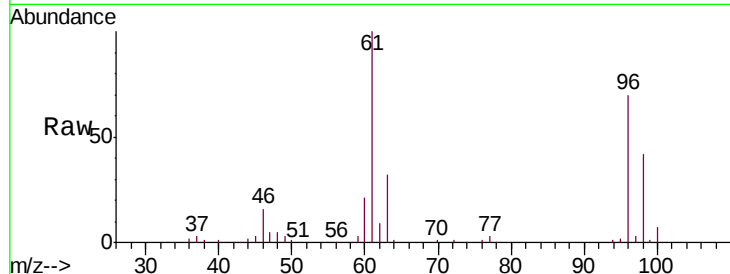




#20
 cis-1,2-Dichloroethene
 Concen: 41.118 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU030797.D
 Acq: 06 Apr 2019 14:00

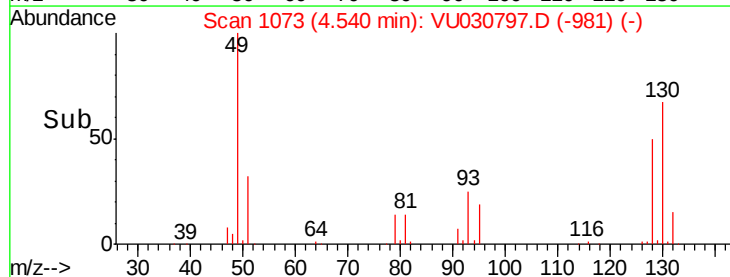
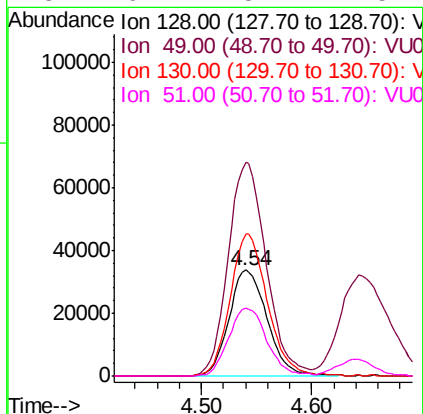
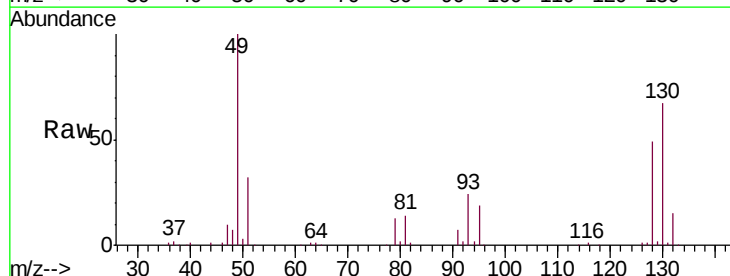
Instrument :
 MSVOA_U
 ClientSampleId :
 DB6W7

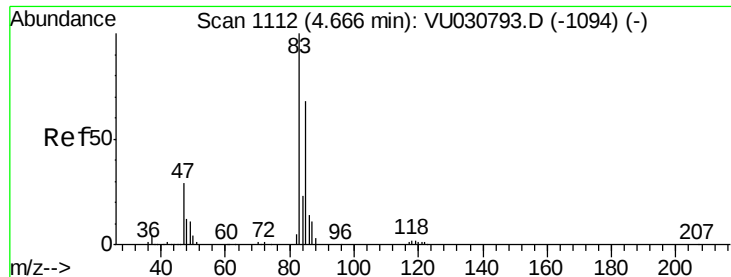
Tgt Ion: 96 Resp: 163276
 Ion Ratio Lower Upper
 96 100
 61 143.3 102.9 191.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 43.095 ug/L
 RT: 4.54 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VU030797.D
 Acq: 06 Apr 2019 14:00

Tgt Ion: 128 Resp: 80903
 Ion Ratio Lower Upper
 128 100
 49 202.2 139.9 259.7
 130 134.7 86.6 160.8
 51 64.1 52.2 78.4





#25

Chloroform

Concen: 59.119 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

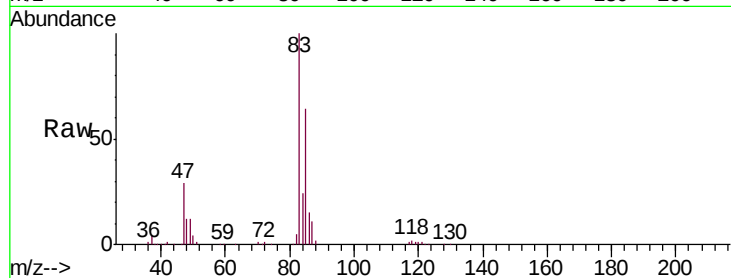
DB6W7

Tgt Ion: 83 Resp: 440986

Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030797.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030797.D (-1094) (-)

4.67

200000

150000

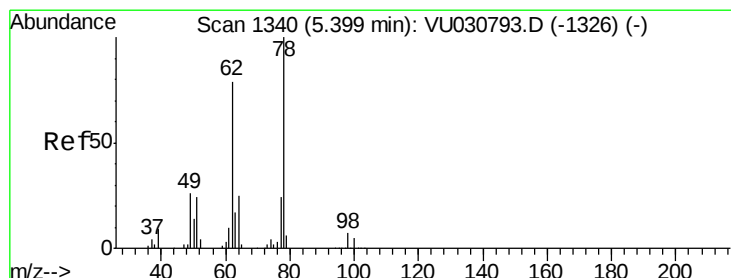
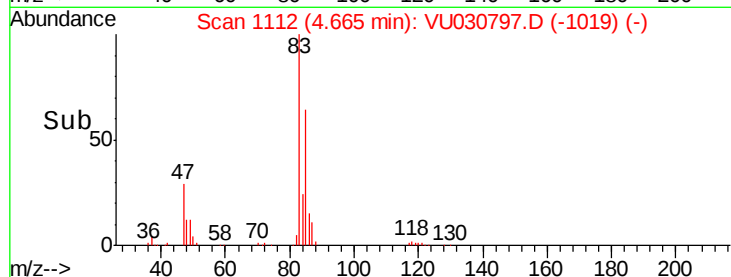
100000

50000

0

4.60 4.70

Time-->



#27

1,2-Dichloroethane

Concen: 72.621 ug/L

RT: 5.40 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VU030797.D

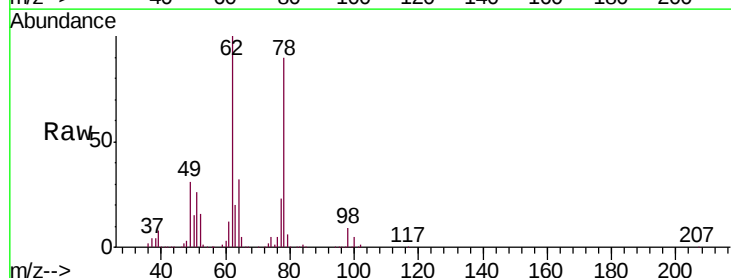
Acq: 06 Apr 2019 14:00

Tgt Ion: 62 Resp: 413445

Ion Ratio Lower Upper

62 100

98 8.8 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU030797.D (-1247) (-)

Ion 98.00 (97.70 to 98.70): VU030797.D (-1247) (-)

5.40

200000

150000

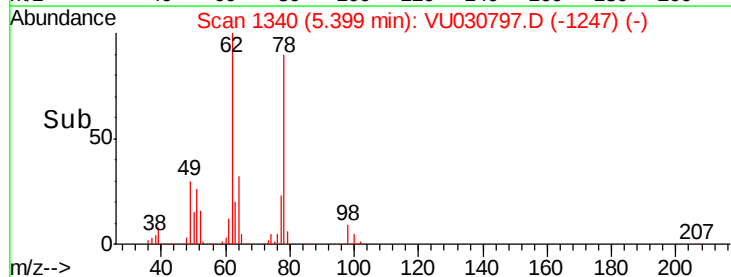
100000

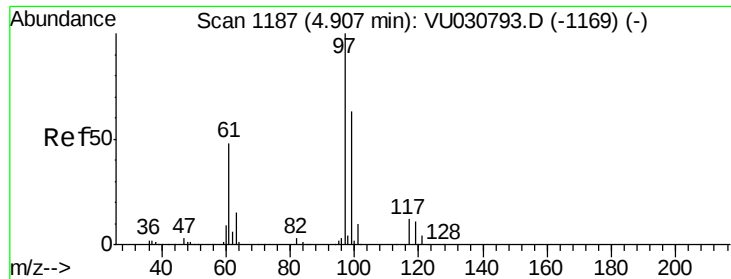
50000

0

5.30 5.35 5.40 5.45 5.50

Time-->

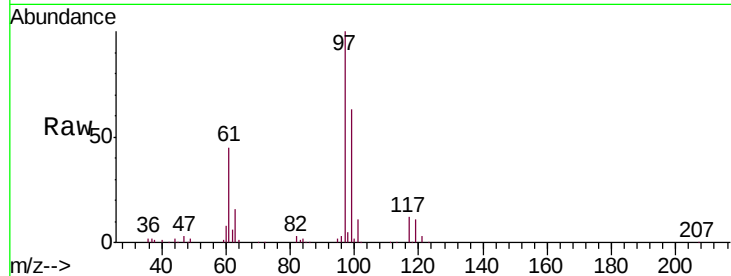




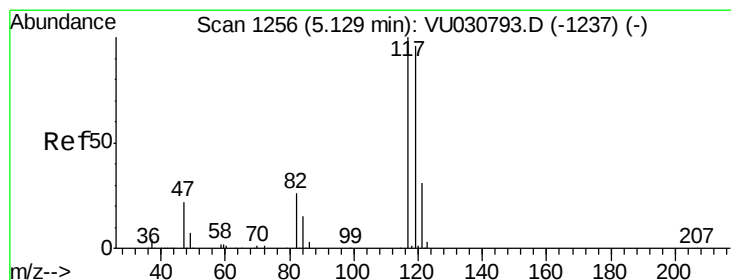
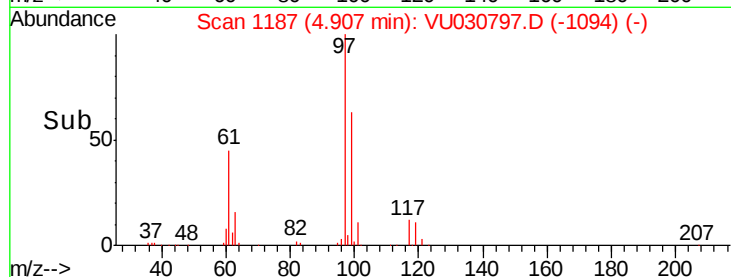
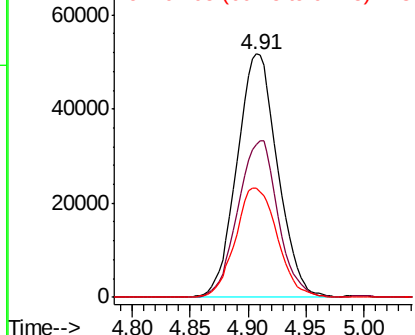
#30
 1,1,1-Trichloroethane
 Concen: 22.010 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: VU030797.D
 Acq: 06 Apr 2019 14:00

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6W7

Tgt Ion: 97 Resp: 126168
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.4 77.2
 61 46.5 37.1 55.7

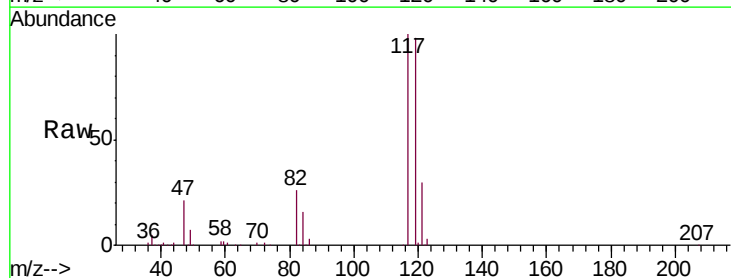


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

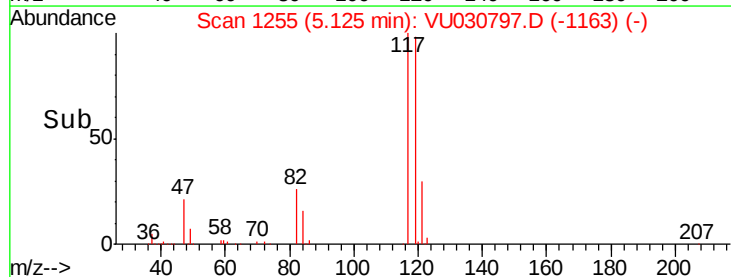
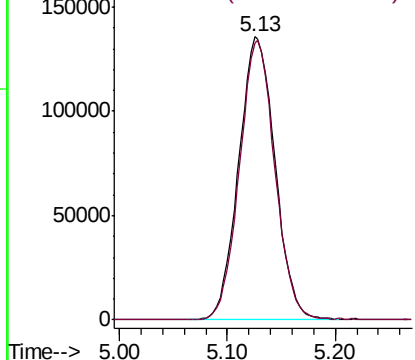


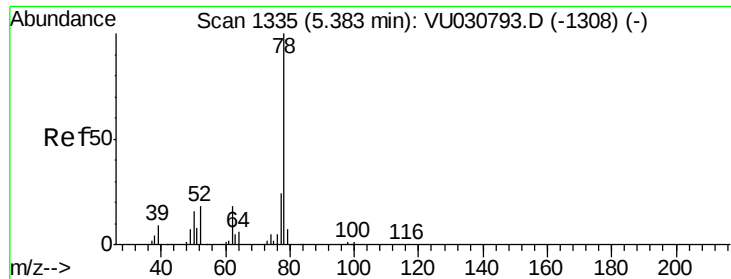
#31
 Carbon tetrachloride
 Concen: 64.477 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VU030797.D
 Acq: 06 Apr 2019 14:00

Tgt Ion: 117 Resp: 318505
 Ion Ratio Lower Upper
 117 100
 119 96.1 76.2 114.2



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V





#33

Benzene

Concen: 48.498 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

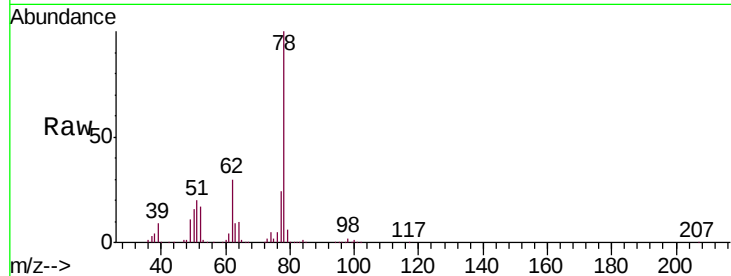
Instrument :

MSVOA_U

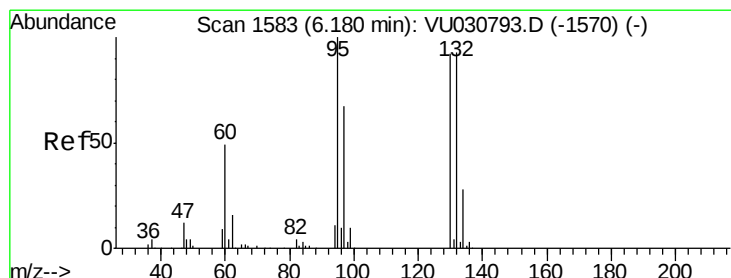
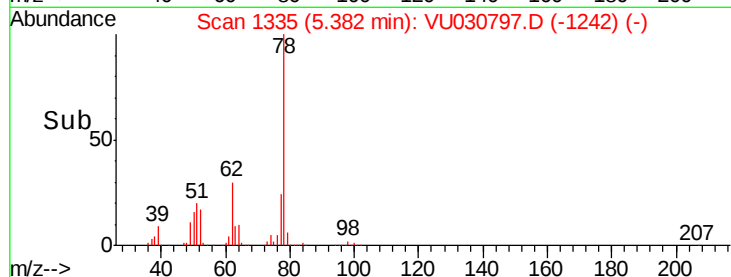
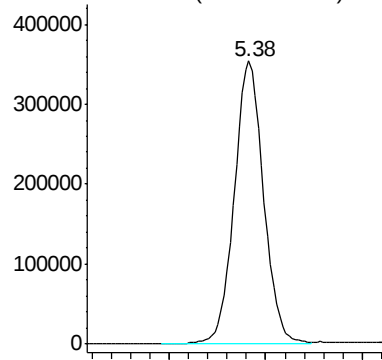
ClientSampleId :

DB6W7

Tgt Ion: 78 Resp: 746506



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 86.088 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Tgt Ion: 95 Resp: 325007

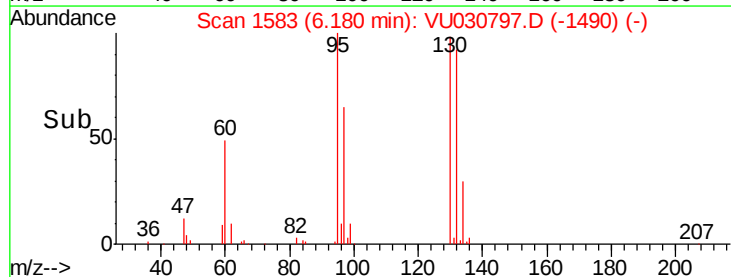
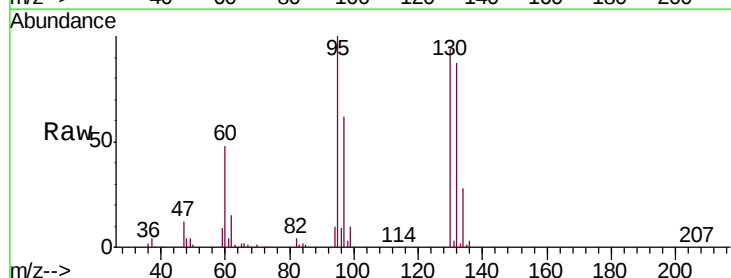
Ion	Ratio	Lower	Upper
95	100		
97	62.4	44.5	82.7
132	87.5	61.5	114.1
130	93.7	64.9	120.5

Abundance Ion 95.00 (94.70 to 95.70): VU0

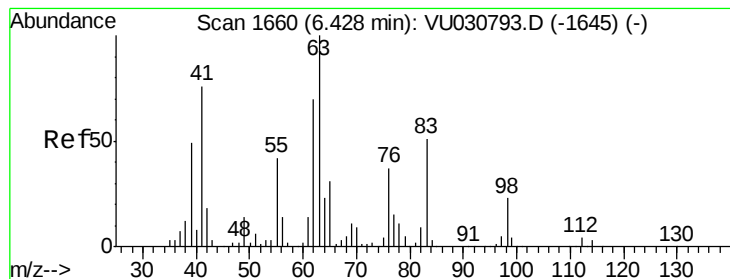
Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#37

1,2-Dichloropropane

Concen: 42.284 ug/L

RT: 6.43 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Instrument :

MSVOA_U

ClientSampled :

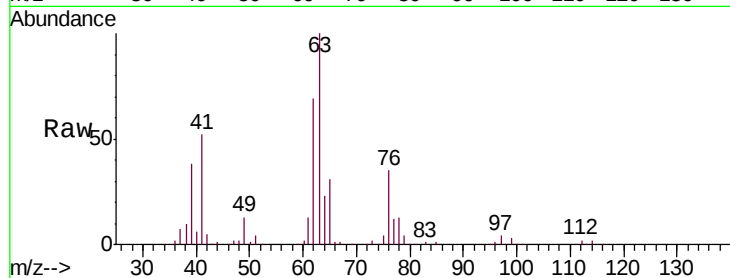
DB6W7

Tgt Ion: 63 Resp: 184299

Ion Ratio Lower Upper

63 100

112 2.9 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VU030797.D (-1645) (-)

Ion 112.00 (111.70 to 112.70): VU030797.D (-1645) (-)

6.43

100000

80000

60000

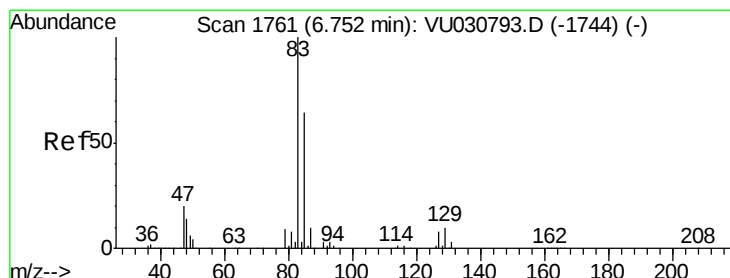
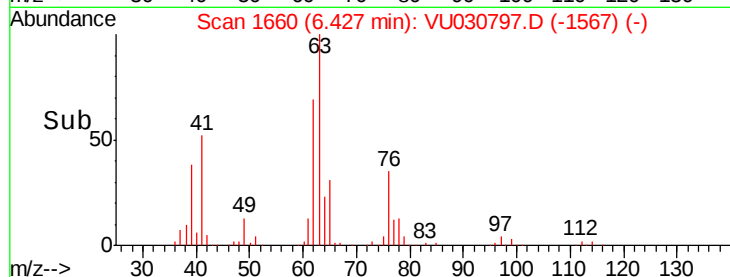
40000

20000

0

6.35 6.40 6.45 6.50

Time-->



#38

Bromodichloromethane

Concen: 20.917 ug/L

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

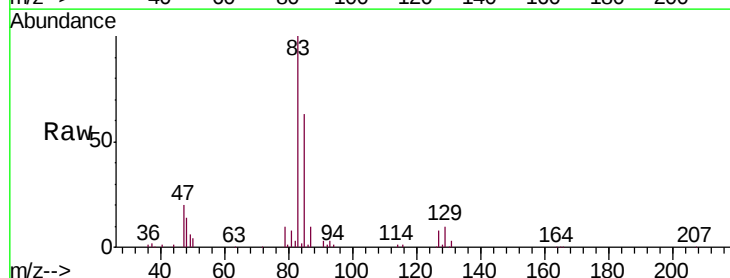
Tgt Ion: 83 Resp: 109982

Ion Ratio Lower Upper

83 100

85 63.4 46.5 86.3

127 8.3 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VU030797.D (-1744) (-)

Ion 85.00 (84.70 to 85.70): VU030797.D (-1744) (-)

Ion 127.00 (126.70 to 127.70): VU030797.D (-1744) (-)

80000

60000

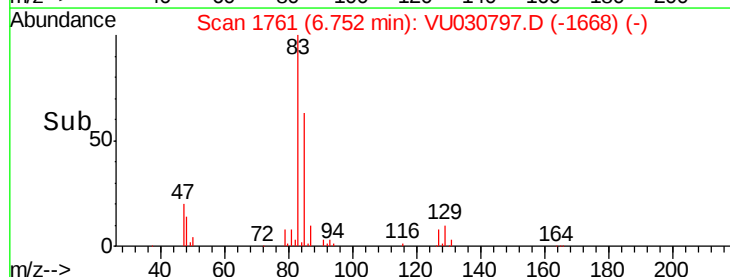
40000

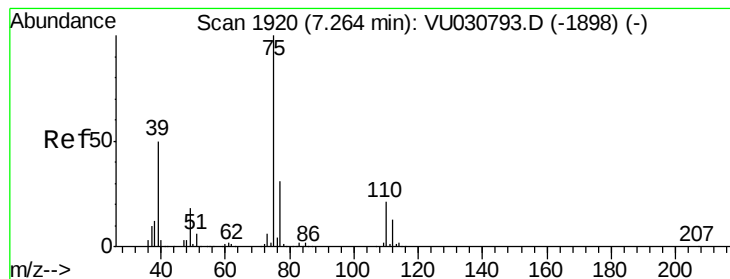
20000

0

6.70 6.75 6.80

Time-->



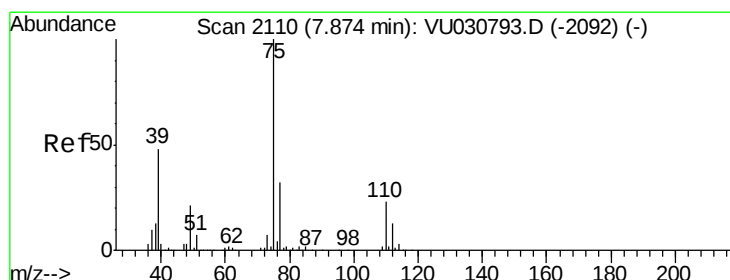
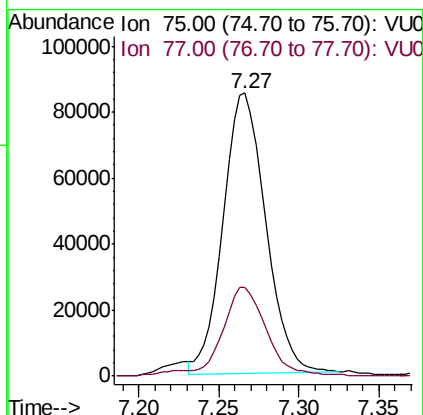
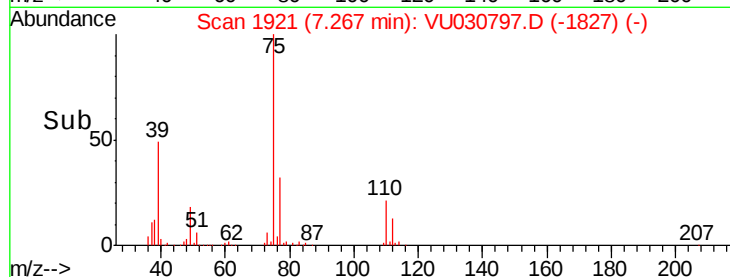
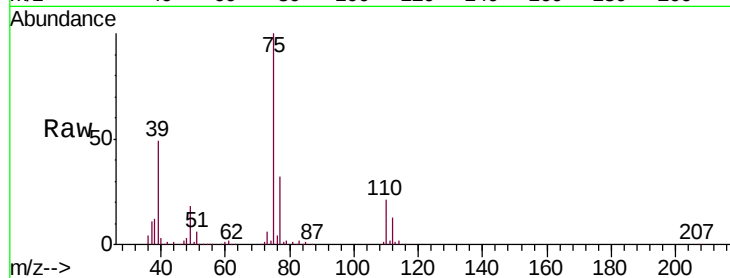


#39

cis-1,3-Dichloropropene
Concen: 24.984 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VU030797.D
Acq: 06 Apr 2019 14:00

Instrument :
MSVOA_U
ClientSampleId :
DB6W7

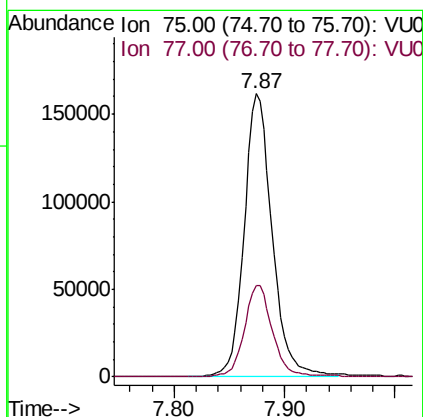
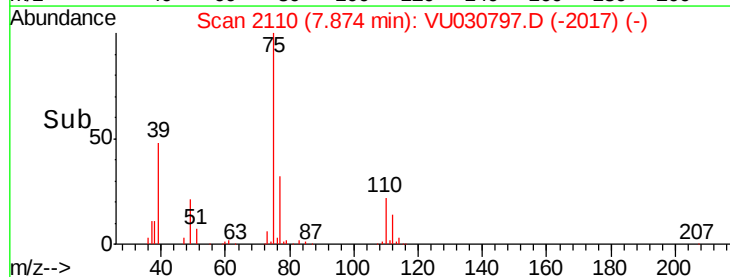
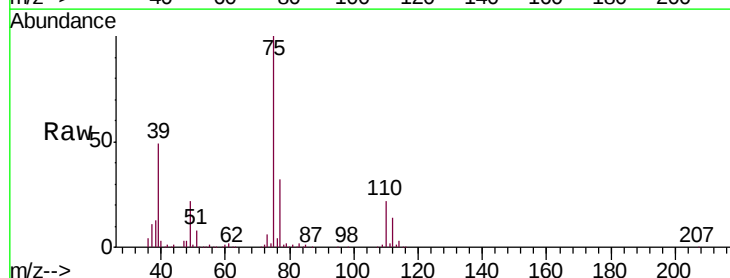
Tgt Ion: 75 Resp: 154993
Ion Ratio Lower Upper
75 100
77 31.5 23.1 42.9

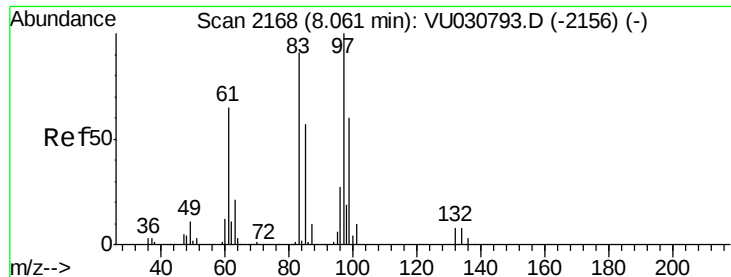


#44

trans-1,3-Dichloropropene
Concen: 51.917 ug/L
RT: 7.87 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VU030797.D
Acq: 06 Apr 2019 14:00

Tgt Ion: 75 Resp: 283842
Ion Ratio Lower Upper
75 100
77 32.4 21.6 40.0





#45

1,1,2-Trichloroethane

Concen: 27.140 ug/L

RT: 8.06 min Scan# 2169

Delta R.T. 0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

DB6W7

Tgt Ion: 97 Resp: 100324

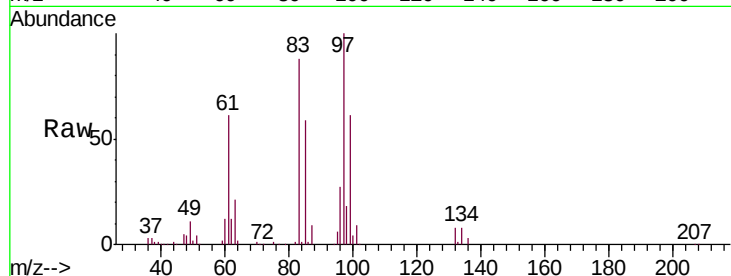
Ion Ratio Lower Upper

97 100

99 60.5 44.0 81.8

83 88.4 65.3 121.3

85 58.5 42.5 78.9

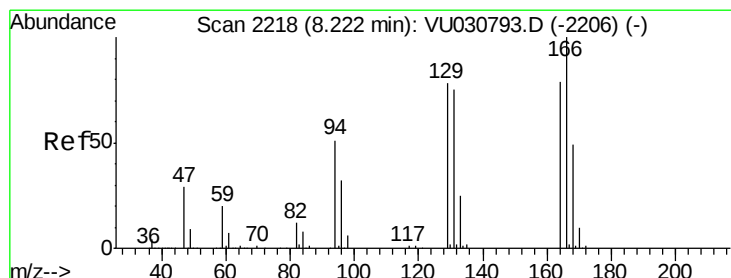
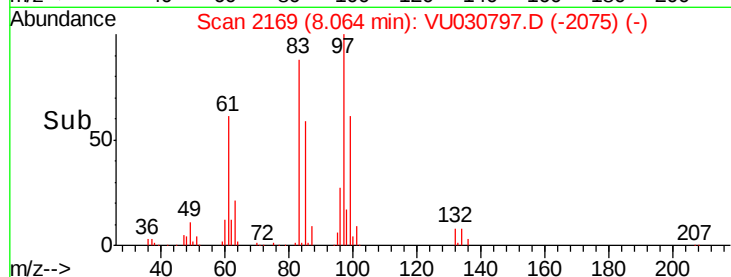
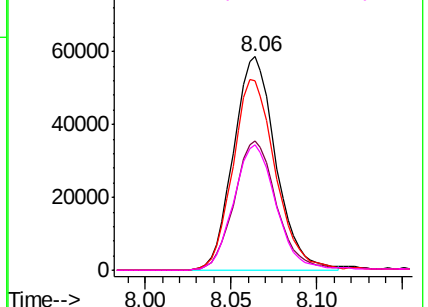


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

Tetrachloroethene

Concen: 71.998 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Tgt Ion: 164 Resp: 197617

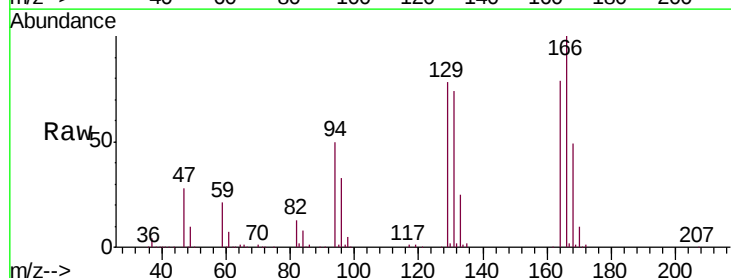
Ion Ratio Lower Upper

164 100

129 99.1 67.4 125.2

131 94.4 65.9 122.5

166 127.0 88.6 164.6

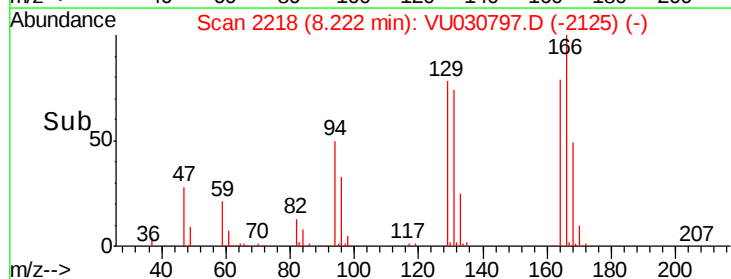
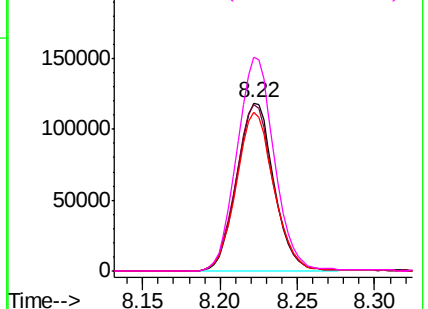


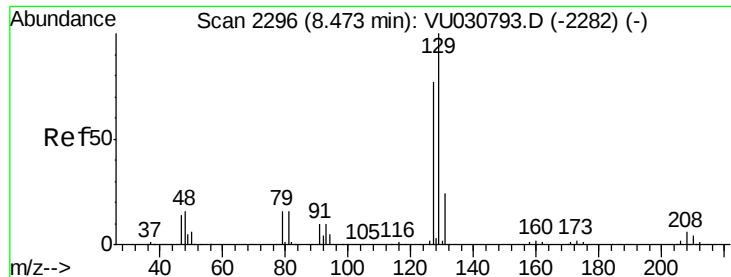
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#49

Dibromochloromethane

Concen: 42.286 ug/L

RT: 8.47 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

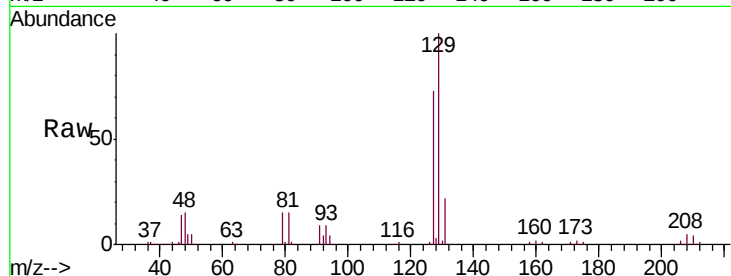
DB6W7

Tgt Ion:129 Resp: 165862

Ion Ratio Lower Upper

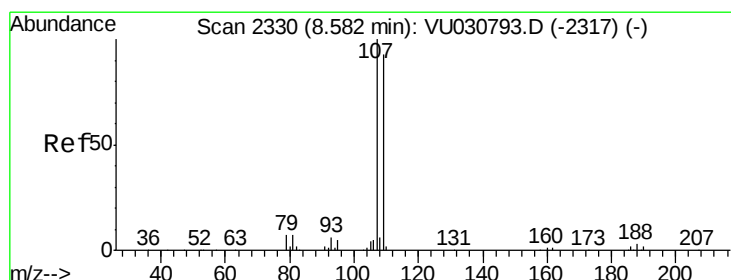
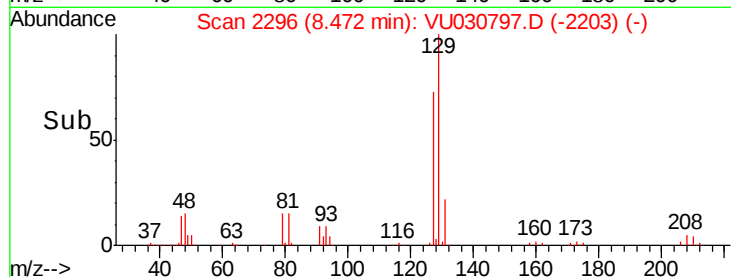
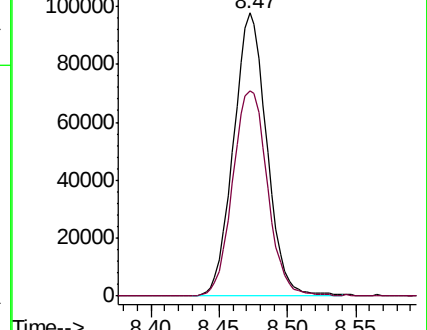
129 100

127 72.6 54.5 101.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

1,2-Dibromoethane

Concen: 30.218 ug/L

RT: 8.58 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

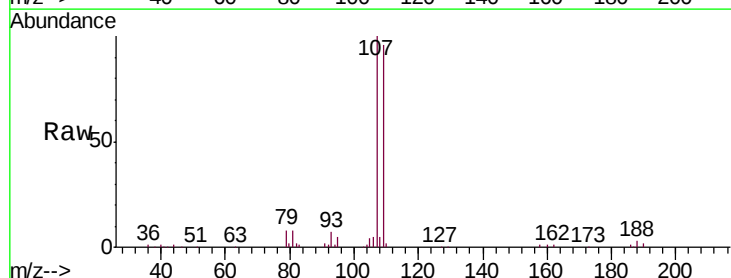
Tgt Ion:107 Resp: 120873

Ion Ratio Lower Upper

107 100

109 95.9 66.4 123.2

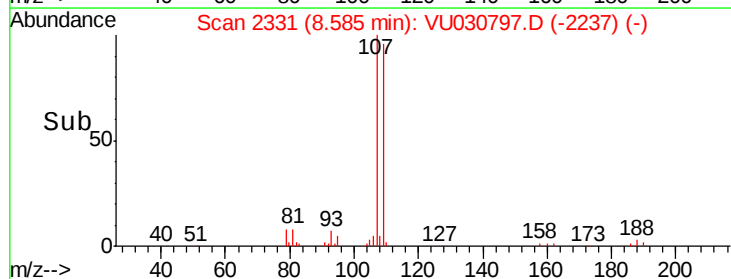
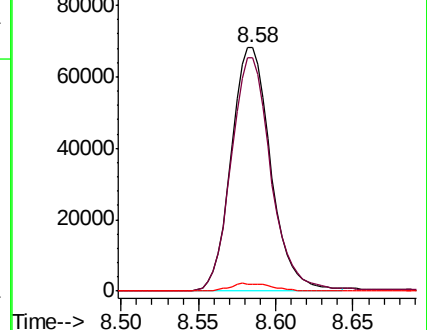
188 2.9 2.6 4.0

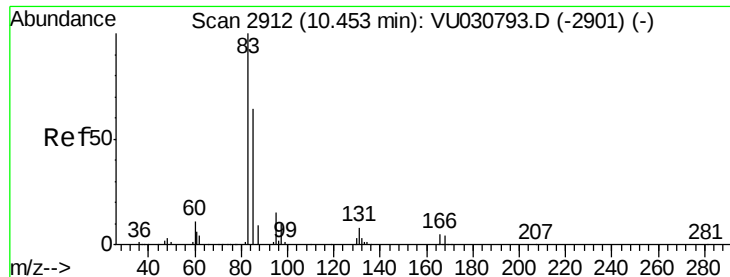


Abundance Ion 107.00 (106.70 to 107.70): V

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: 39.970 ug/L

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

DB6W7

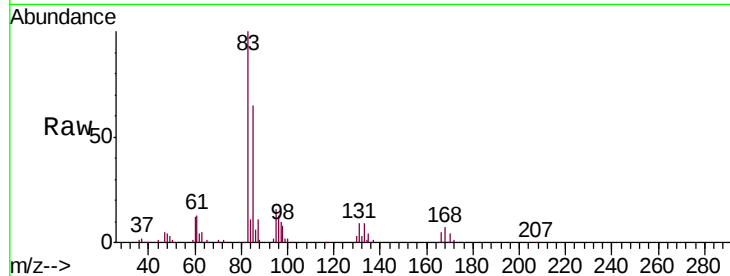
Tgt Ion: 83 Resp: 267246

Ion Ratio Lower Upper

83 100

85 64.6 45.3 84.1

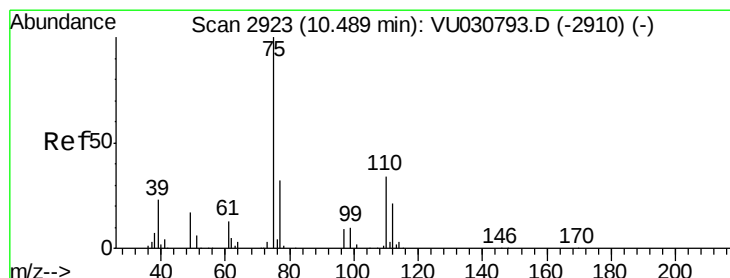
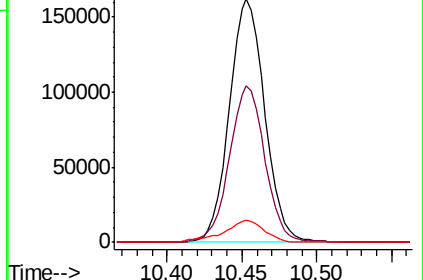
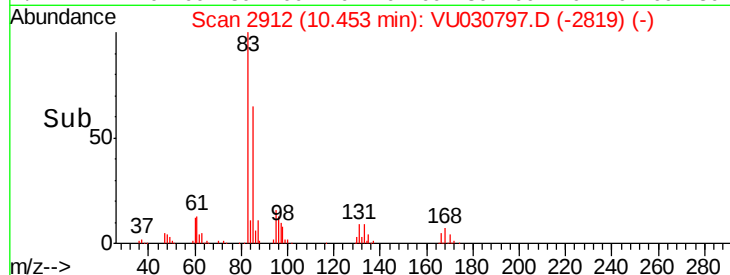
131 9.0 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VU030797.D (-2912) (-)

Ion 85.00 (84.70 to 85.70): VU030797.D (-2912) (-)

Ion 131.00 (130.70 to 131.70): VU030797.D (-2912) (-)



#59

1,2,3-Trichloropropane

Concen: 5.490 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030797.D

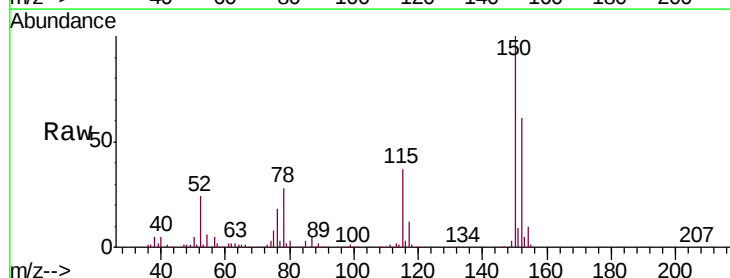
Acq: 06 Apr 2019 14:00

Tgt Ion: 75 Resp: 28659

Ion Ratio Lower Upper

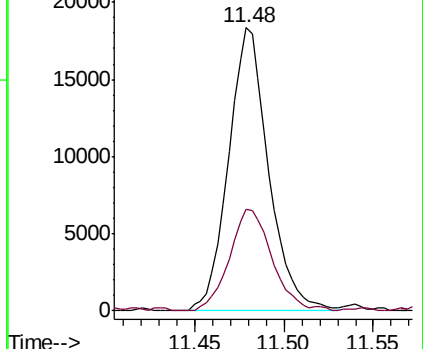
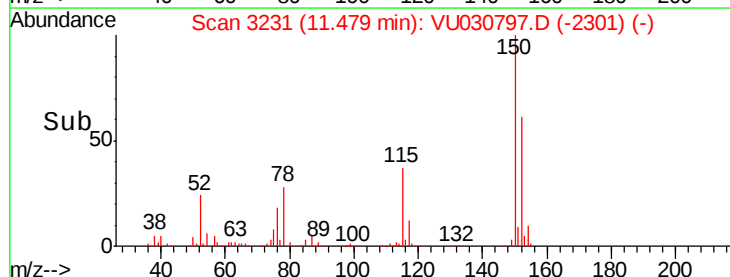
75 100

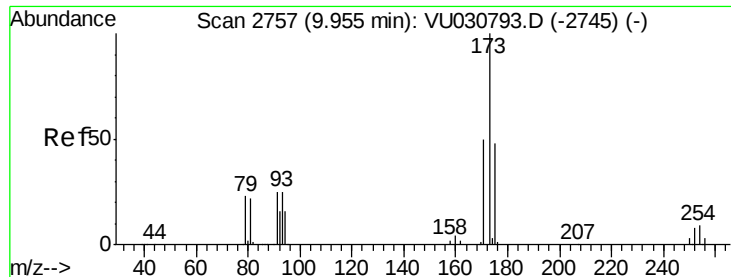
77 37.8 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU030797.D (-3231) (-)

Ion 77.00 (76.70 to 77.70): VU030797.D (-3231) (-)





#61

Bromoform

Concen: 53.295 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

DB6W7

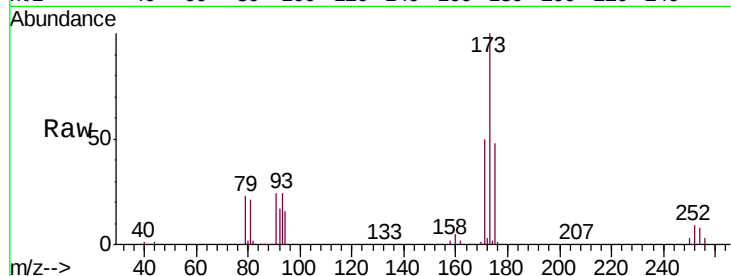
Tgt Ion:173 Resp: 152313

Ion Ratio Lower Upper

173 100

175 48.8 39.1 58.7

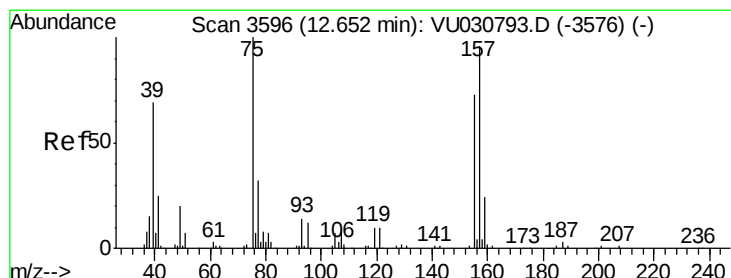
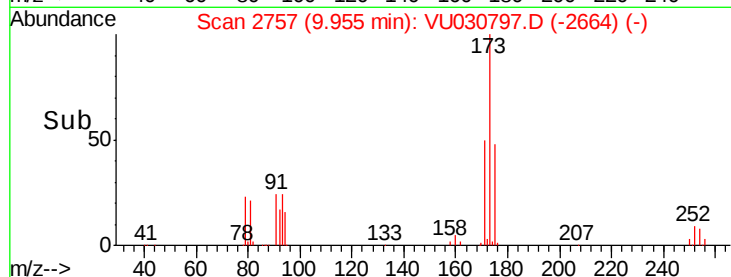
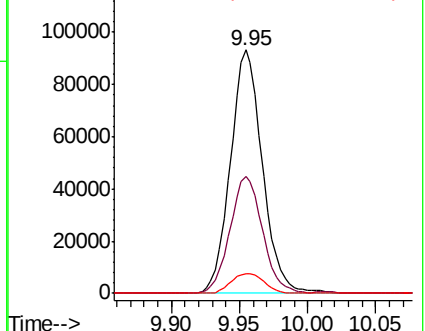
254 8.4 7.3 10.9



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: 41.891 ug/L

RT: 12.65 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VU030797.D

Acq: 06 Apr 2019 14:00

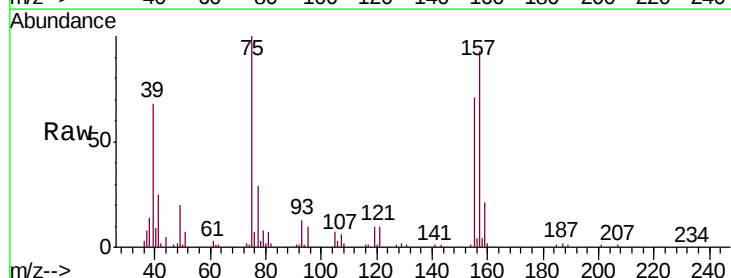
Tgt Ion: 75 Resp: 61077

Ion Ratio Lower Upper

75 100

155 70.6 64.1 96.1

157 92.6 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

