

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071718\
 Data File : VU025460.D
 Acq On : 17 Jul 2018 14:33
 Operator : MD/SY
 Sample : J3986-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1C0

Quant Time: Jul 18 05:56:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 18 05:54:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	360907	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	330730	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	172365	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79624	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.56%
7) Chloroethane-d5	1.66	69	68641	47.34	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.68%
11) 1,1-Dichloroethene-d2	2.27	63	196037	52.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.92%
21) 2-Butanone-d5	4.18	46	172199	95.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.08%
24) Chloroform-d	4.65	84	209654	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.31	65	139612	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
32) Benzene-d6	5.34	84	380665	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
36) 1,2-Dichloropropane-d6	6.33	67	126644	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.70%
41) Toluene-d8	7.57	98	368197	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%
43) trans-1,3-Dichloropropene-	7.85	79	67141	48.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.46%
47) 2-Hexanone-d5	8.31	63	134400	97.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.95%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	194376	49.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	165687	47.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.94%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	75156	25.312	ug/L 99
3) Chloromethane	1.33	50	67784	25.797	ug/L 99
5) Vinyl chloride	1.40	62	132496	50.150	ug/L 100
6) Bromomethane	1.61	94	25282	17.558	ug/L 97
8) Chloroethane	1.68	64	40183	25.415	ug/L 99
9) Trichlorofluoromethane	1.88	101	163478	42.090	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	46773	22.180	ug/L 96
12) 1,1-Dichloroethene	2.28	96	126953	64.899	ug/L 95
13) Acetone	2.32	43	2813	1.779	ug/L 87
15) Methyl Acetate	2.62	43	3874	1.325	ug/L 100
16) Methylene chloride	2.70	84	100445	39.264	ug/L 98
17) trans-1,2-Dichloroethene	2.98	96	46661	20.166	ug/L 96
19) 1,1-Dichloroethane	3.45	63	270279	58.394	ug/L 97
20) cis-1,2-Dichloroethene	4.23	96	103065	36.381	ug/L 99
23) Bromochloromethane	4.55	128	54939	38.692	ug/L 97
25) Chloroform	4.67	83	254228	52.271	ug/L 98
27) 1,2-Dichloroethane	5.41	62	256017	63.386	ug/L 100

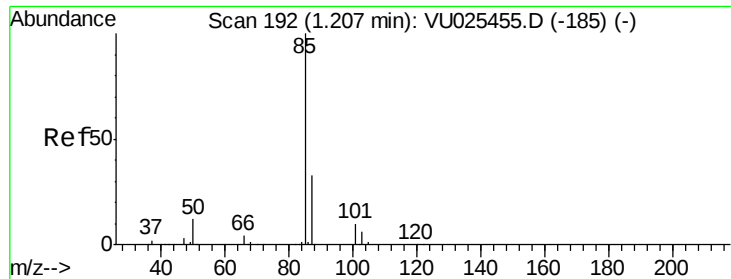
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.92	97	82754	18.803	ug/L	99
31) Carbon tetrachloride	5.14	117	222724	57.604	ug/L	99
33) Benzene	5.39	78	420509	42.978	ug/L	100
34) Trichloroethene	6.19	95	199119	76.877	ug/L	98
37) 1,2-Dichloropropane	6.44	63	98531	36.505	ug/L	99
38) Bromodichloromethane	6.76	83	67088	18.409	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	97120	23.223	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	184442	45.942	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	60046	23.464	ug/L	99
46) Tetrachloroethene	8.23	164	145641	67.404	ug/L	98
49) Dibromochloromethane	8.48	129	112023	36.161	ug/L	96
50) 1,2-Dibromoethane	8.59	107	79093	28.001	ug/L #	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	157565	35.763	ug/L	99
61) Bromoform	9.96	173	108961	44.814	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	39729	35.194	ug/L	96

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



#2

Dichlorodifluoromethane

Concen: 25.312 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

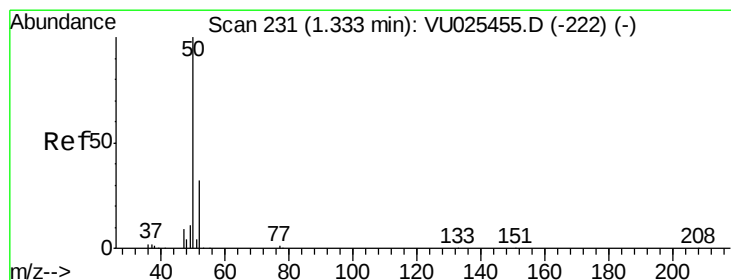
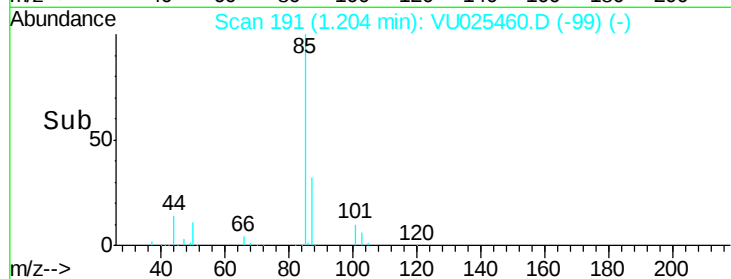
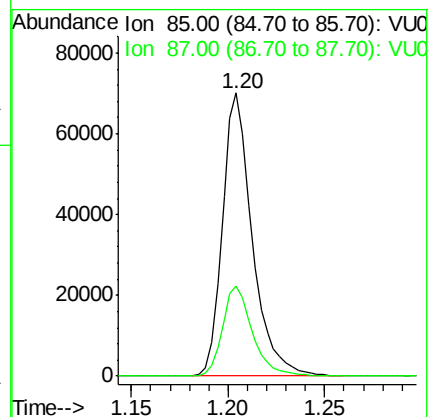
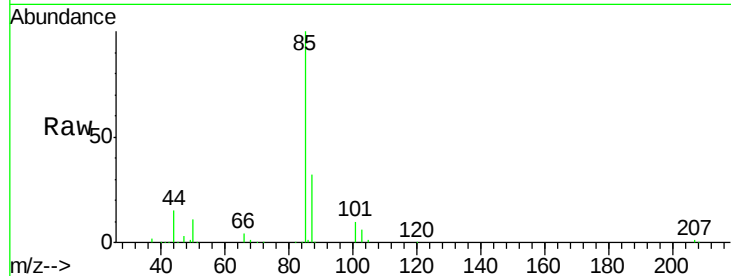
DB1C0

Tgt Ion: 85 Resp: 75156

Ion Ratio Lower Upper

85 100

87 32.0 25.9 38.9



#3

Chloromethane

Concen: 25.797 ug/L

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025460.D

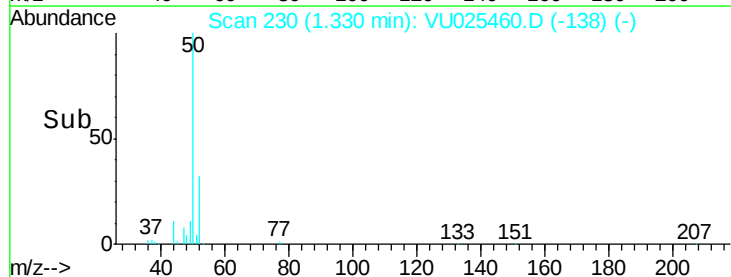
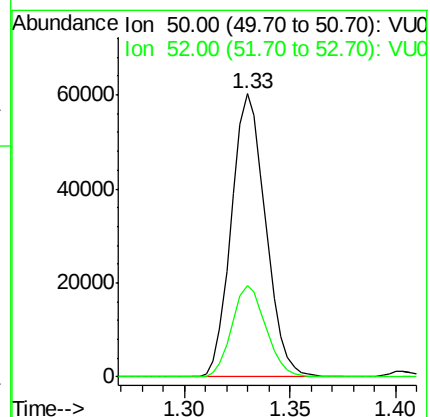
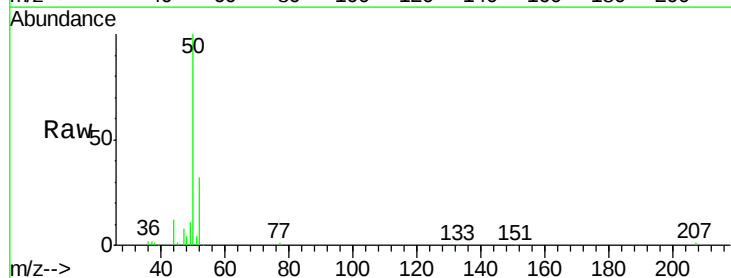
Acq: 17 Jul 2018 14:33

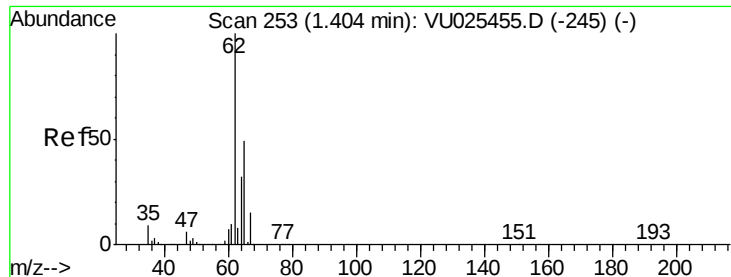
Tgt Ion: 50 Resp: 67784

Ion Ratio Lower Upper

50 100

52 32.5 22.4 41.6





#5

Vinyl chloride

Concen: 50.150 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

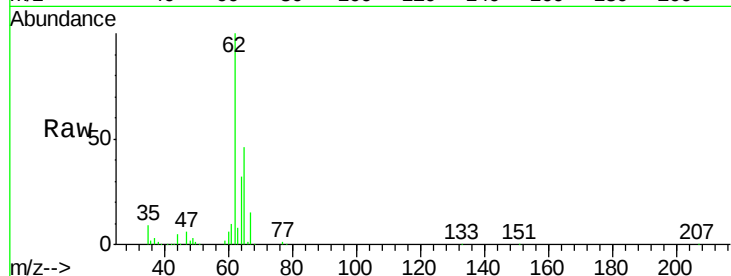
DB1C0

Tgt Ion: 62 Resp: 132496

Ion Ratio Lower Upper

62 100

64 32.1 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

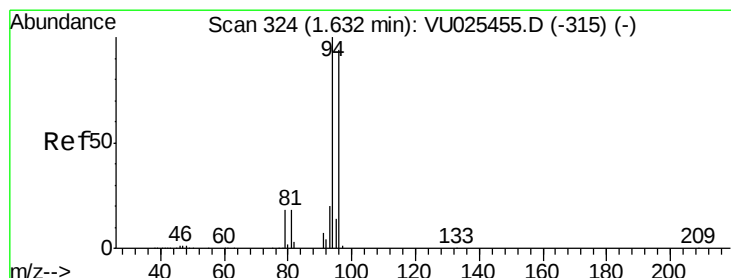
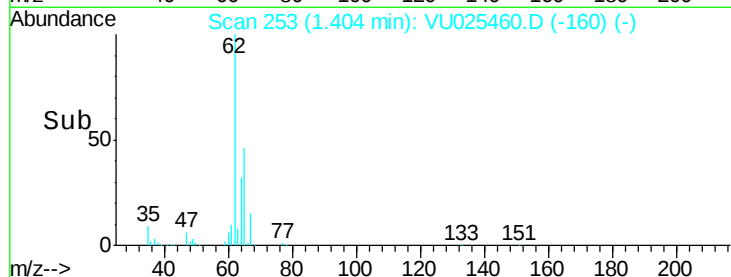
150000

100000

50000

0

Time--> 1.35 1.40 1.45



#6

Bromomethane

Concen: 17.558 ug/L

RT: 1.61 min Scan# 316

Delta R.T. -0.03 min

Lab File: VU025460.D

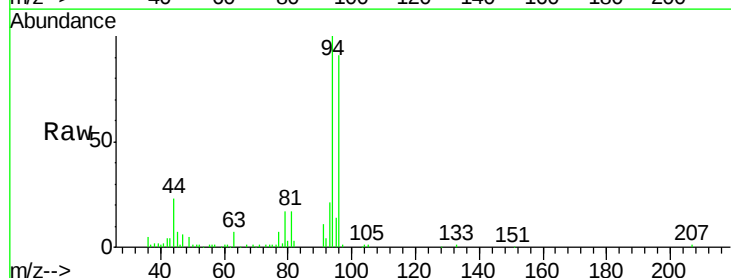
Acq: 17 Jul 2018 14:33

Tgt Ion: 94 Resp: 25282

Ion Ratio Lower Upper

94 100

96 91.2 65.8 122.2



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

25000

20000

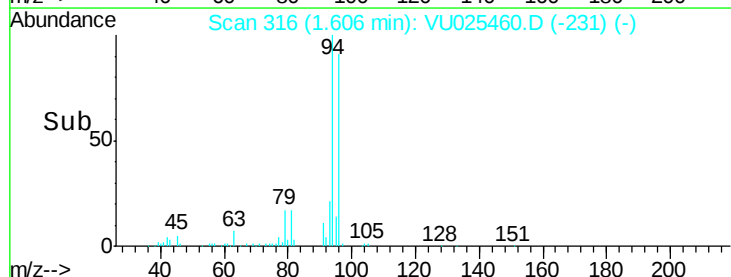
15000

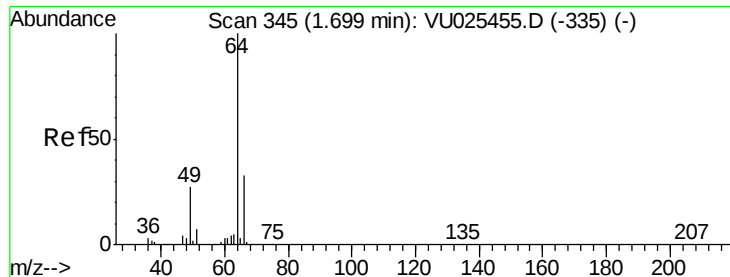
10000

5000

0

Time--> 1.55 1.60 1.65





#8

Chloroethane

Concen: 25.415 ug/L

RT: 1.68 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

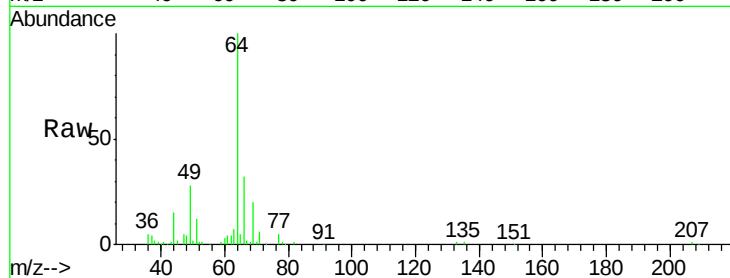
DB1C0

Tgt Ion: 64 Resp: 40183

Ion Ratio Lower Upper

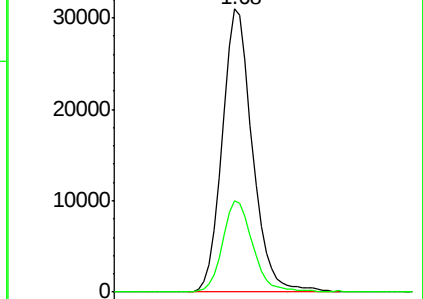
64 100

66 32.4 23.0 42.8

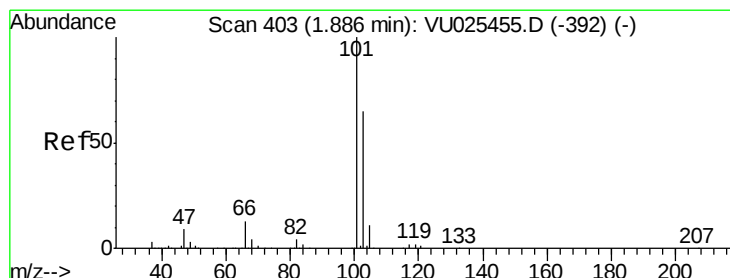
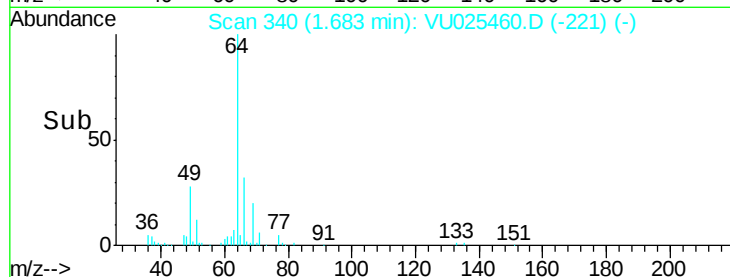


Abundance Ion 64.00 (63.70 to 64.70): VU025455.D (-335) (-)

Ion 66.00 (65.70 to 66.70): VU025455.D (-335) (-)



Time-->



#9

Trichlorofluoromethane

Concen: 42.090 ug/L

RT: 1.88 min Scan# 400

Delta R.T. -0.01 min

Lab File: VU025460.D

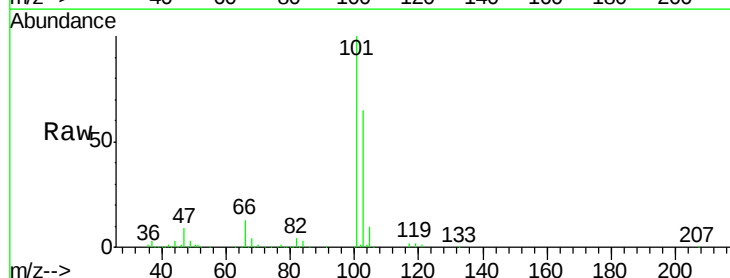
Acq: 17 Jul 2018 14:33

Tgt Ion: 101 Resp: 163478

Ion Ratio Lower Upper

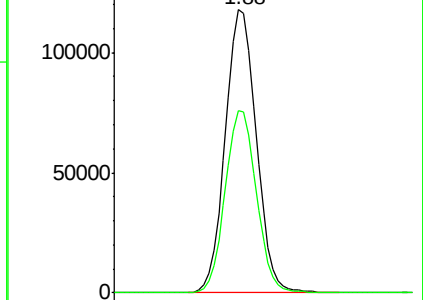
101 100

103 64.8 52.3 78.5

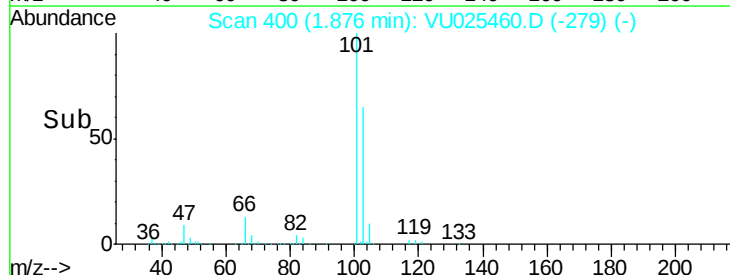


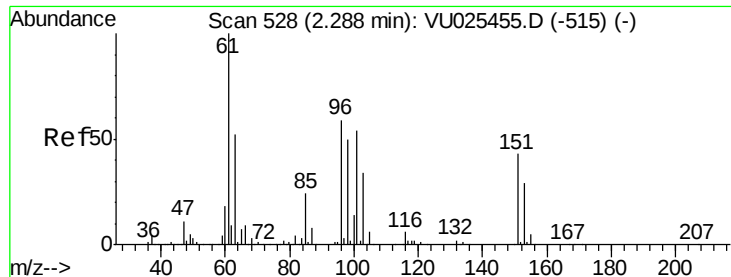
Abundance Ion 101.00 (100.70 to 101.70): VU025455.D (-392) (-)

Ion 103.00 (102.70 to 103.70): VU025455.D (-392) (-)



Time-->





#10

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

Concen: 22.180 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.01 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

DB1C0

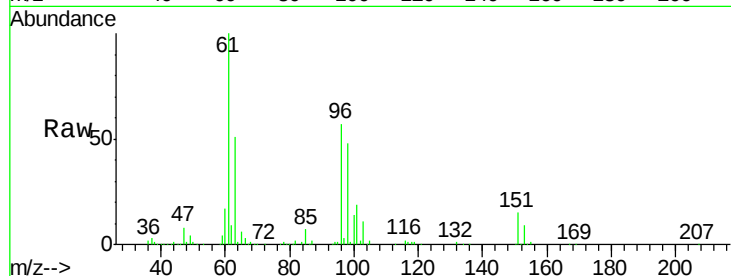
Tgt Ion: 101 Resp: 46773

Ion Ratio Lower Upper

101 100

85 41.9 35.4 53.2

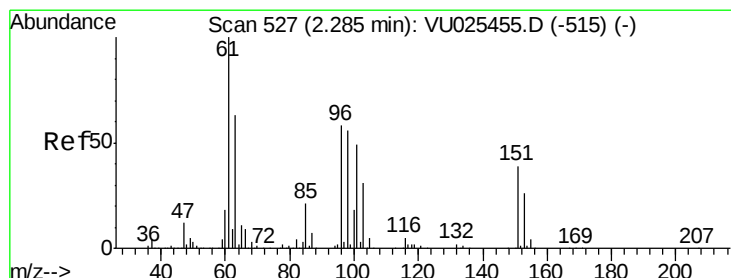
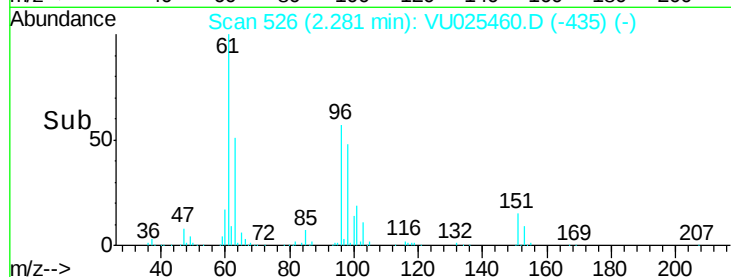
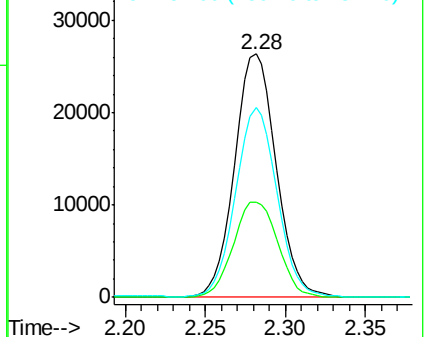
151 77.9 65.0 97.4



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: 64.899 ug/L

RT: 2.28 min Scan# 525

Delta R.T. -0.01 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

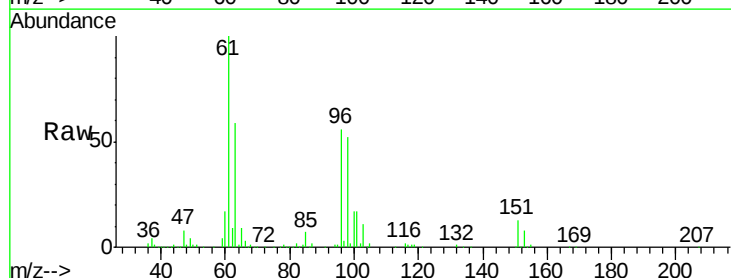
Tgt Ion: 96 Resp: 126953

Ion Ratio Lower Upper

96 100

61 177.2 120.6 224.0

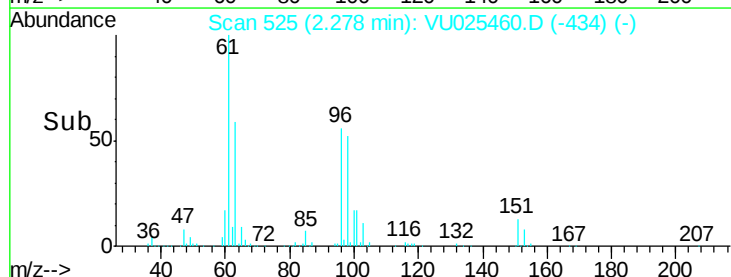
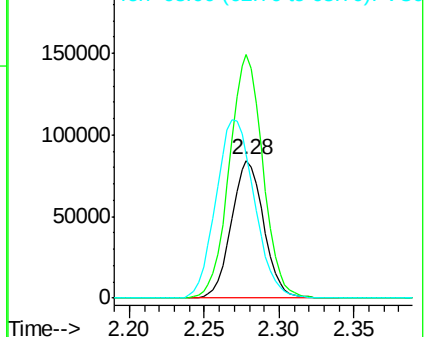
63 104.4 79.3 147.3

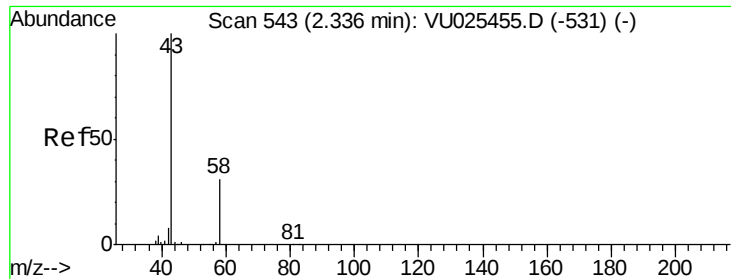


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.779 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.01 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

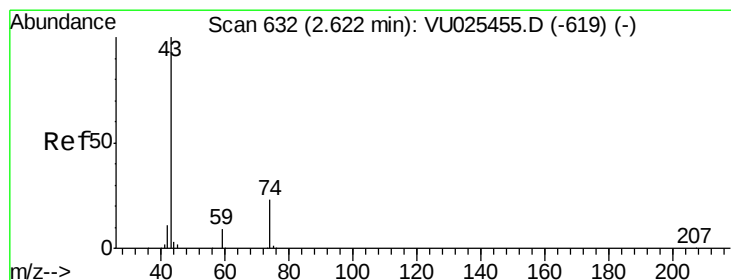
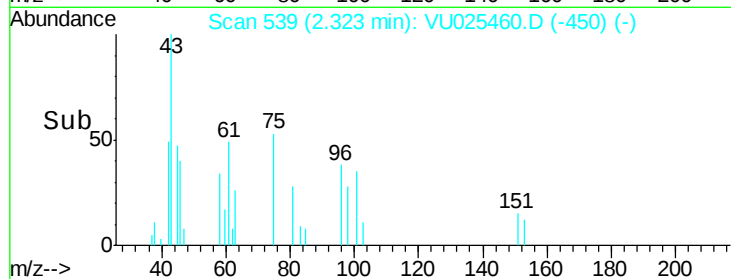
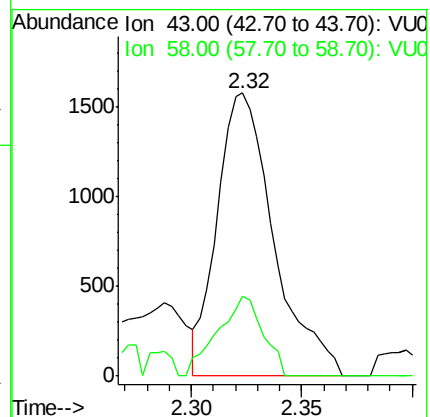
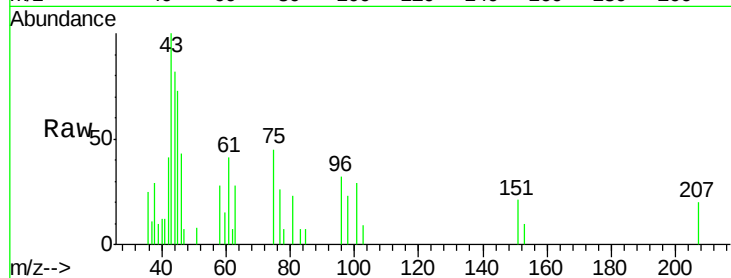
DB1C0

Tgt Ion: 43 Resp: 2813

Ion Ratio Lower Upper

43 100

58 22.7 0.0 59.0



#15

Methyl Acetate

Concen: 1.325 ug/L

RT: 2.62 min Scan# 630

Delta R.T. -0.01 min

Lab File: VU025460.D

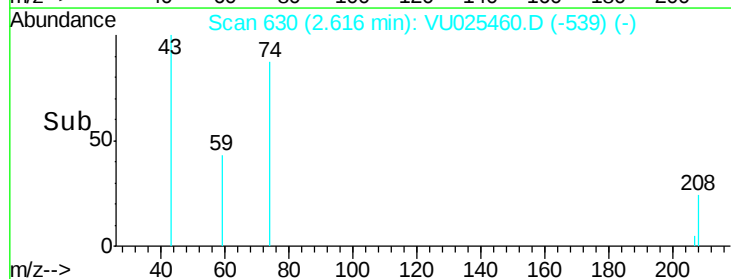
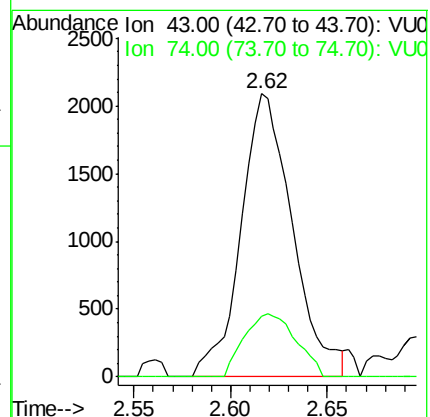
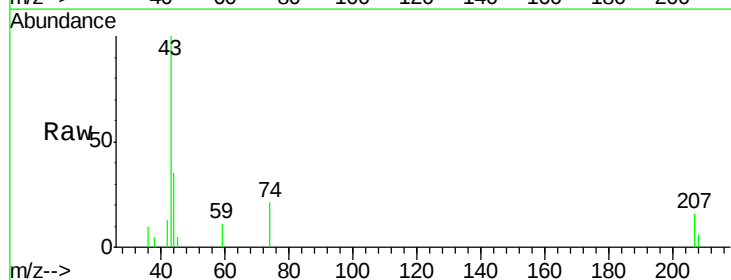
Acq: 17 Jul 2018 14:33

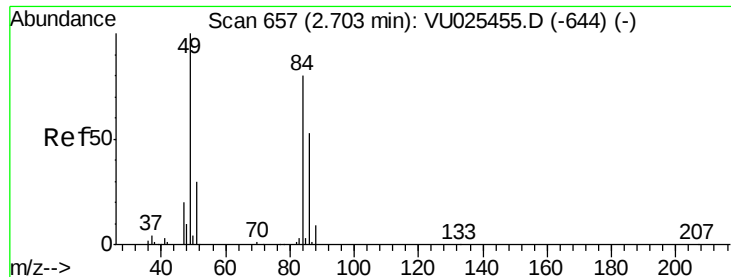
Tgt Ion: 43 Resp: 3874

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.8

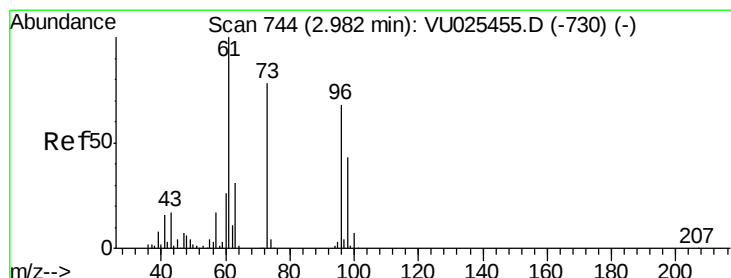
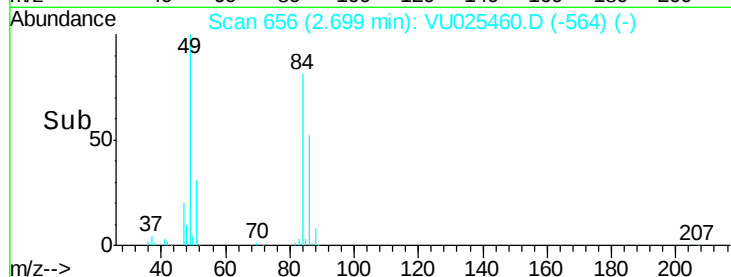
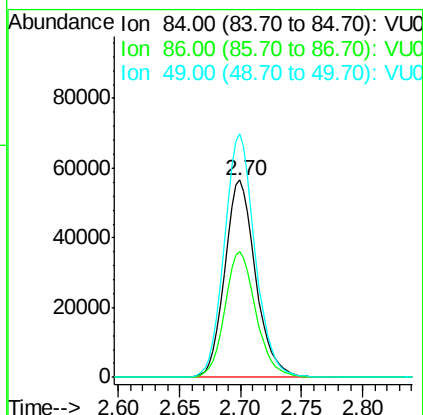
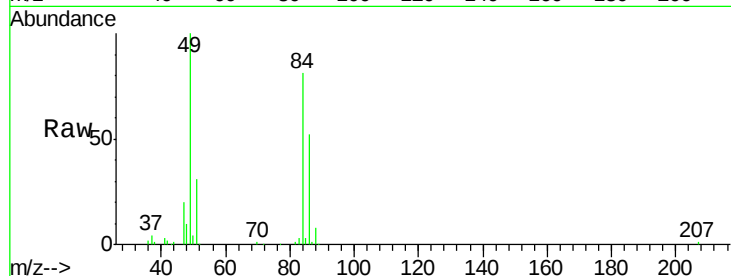




#16
Methylene chloride
Concen: 39.264 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU025460.D
Acq: 17 Jul 2018 14:33

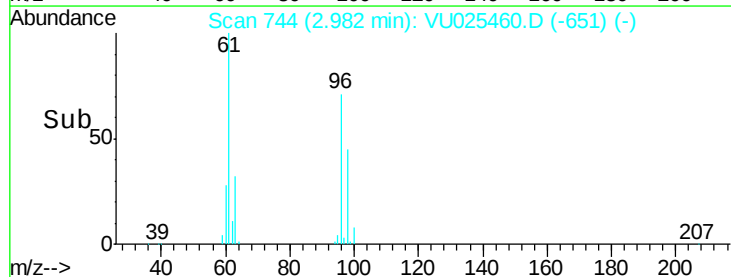
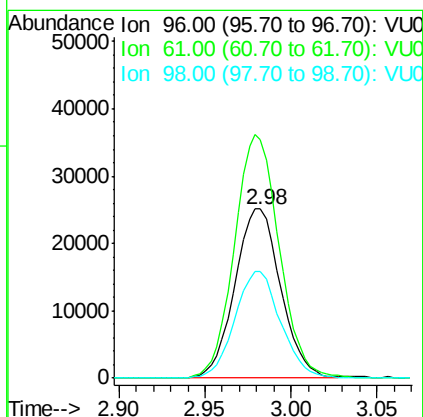
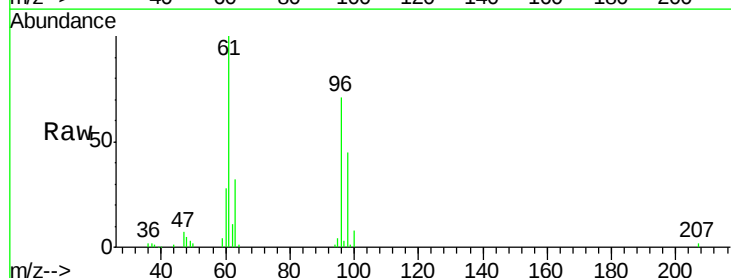
Instrument :
MSVOA_U
ClientSampleId :
DB1C0

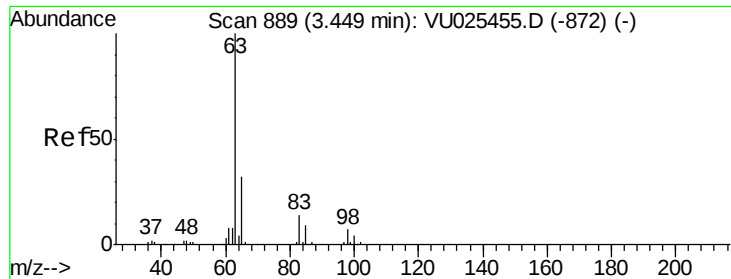
Tgt Ion: 84 Resp: 100445
Ion Ratio Lower Upper
84 100
86 64.0 46.3 85.9
49 123.4 87.9 163.3



#17
trans-1,2-Dichloroethene
Concen: 20.166 ug/L
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU025460.D
Acq: 17 Jul 2018 14:33

Tgt Ion: 96 Resp: 46661
Ion Ratio Lower Upper
96 100
61 140.7 103.6 192.4
98 63.2 44.8 83.2

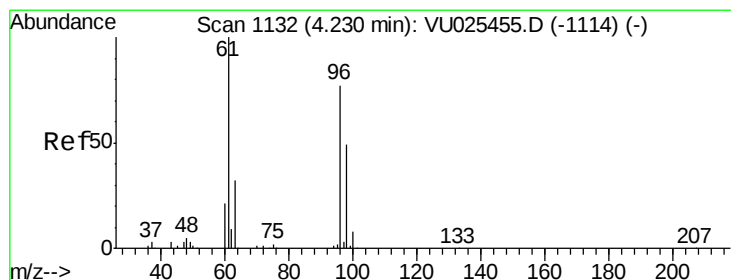
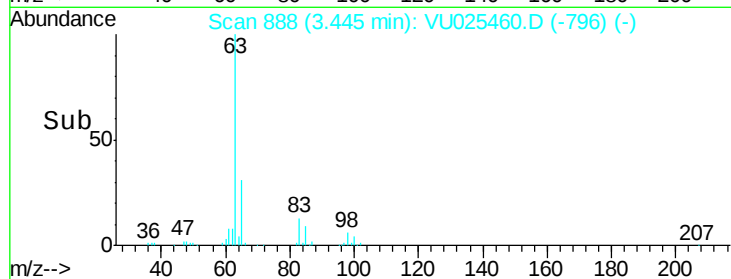
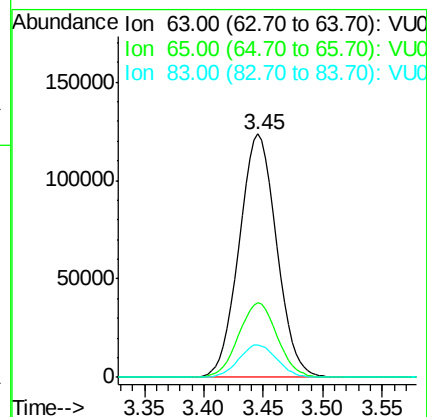
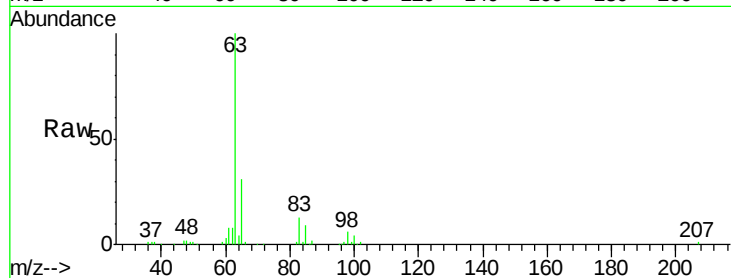




#19
 1,1-Dichloroethane
 Concen: 58.394 ug/L
 RT: 3.45 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: VU025460.D
 Acq: 17 Jul 2018 14:33

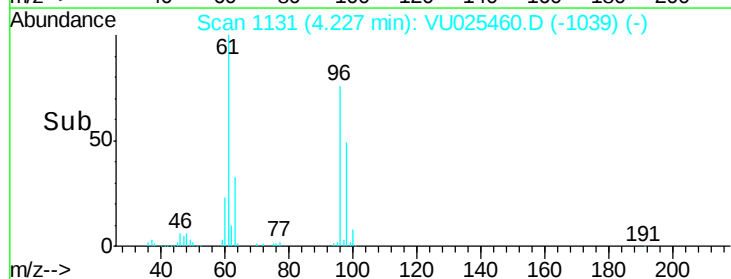
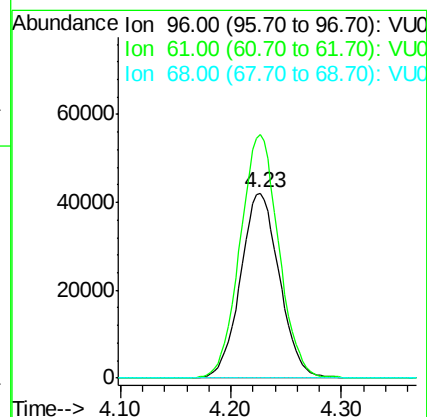
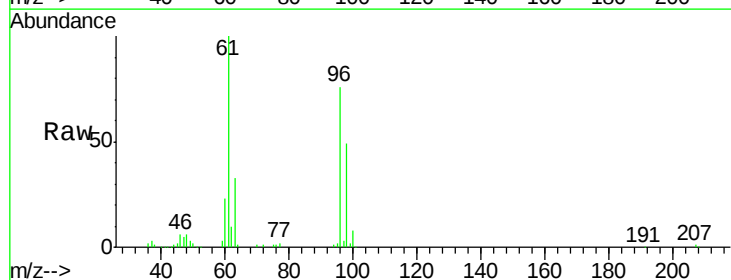
Instrument :
 MSVOA_U
 ClientSampleId :
 DB1C0

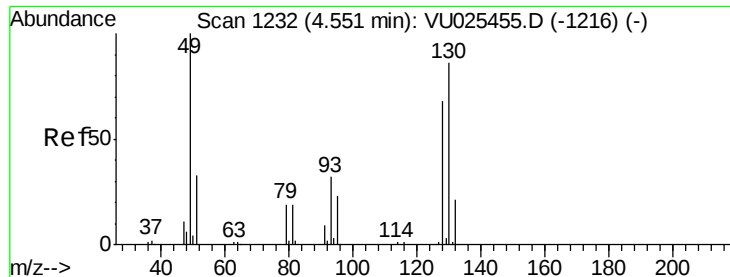
Tgt Ion: 63 Resp: 270279
 Ion Ratio Lower Upper
 63 100
 65 30.7 22.7 42.1
 83 13.4 9.9 18.3



#20
 cis-1,2-Dichloroethene
 Concen: 36.381 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU025460.D
 Acq: 17 Jul 2018 14:33

Tgt Ion: 96 Resp: 103065
 Ion Ratio Lower Upper
 96 100
 61 131.6 91.7 170.3
 68 0.0 0.0 0.0





#23

Bromochloromethane

Concen: 38.692 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

DB1C0

Tgt Ion:128 Resp: 54939

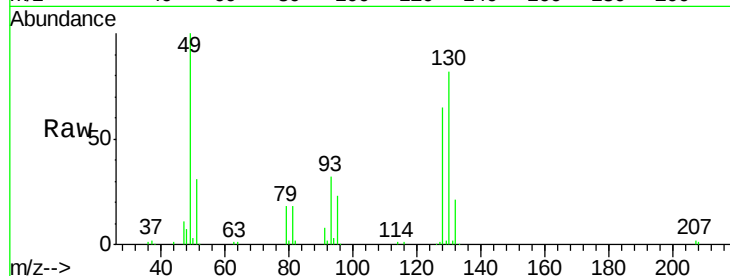
Ion Ratio Lower Upper

128 100

49 154.5 103.0 191.2

130 127.3 88.5 164.3

51 48.0 38.7 58.1

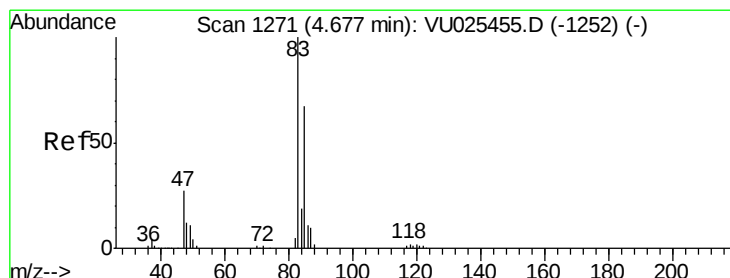
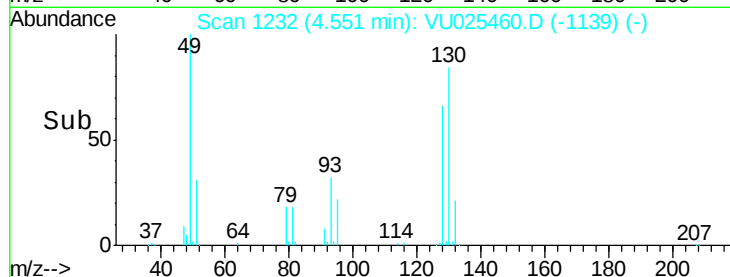
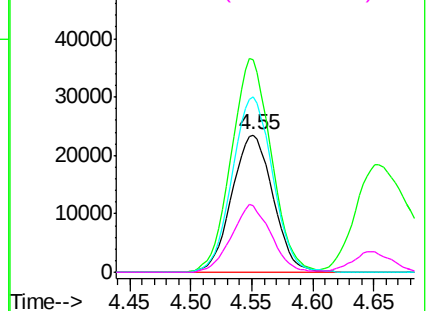


Abundance Ion 128.00 (127.70 to 128.70): V

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: 52.271 ug/L

RT: 4.67 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU025460.D

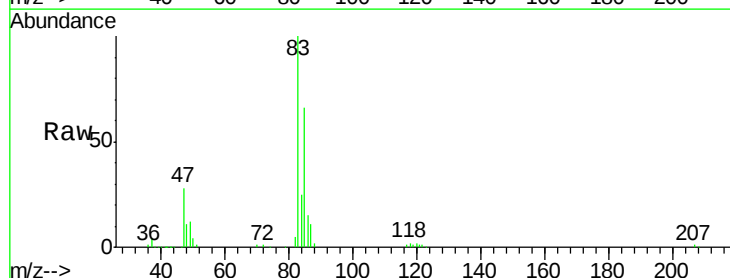
Acq: 17 Jul 2018 14:33

Tgt Ion: 83 Resp: 254228

Ion Ratio Lower Upper

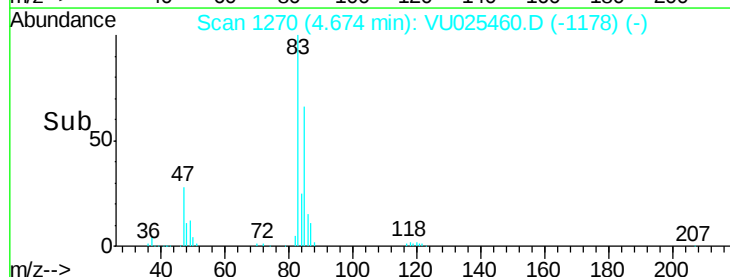
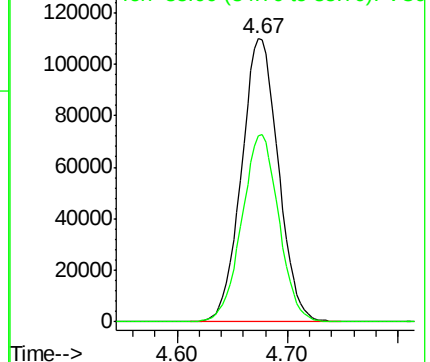
83 100

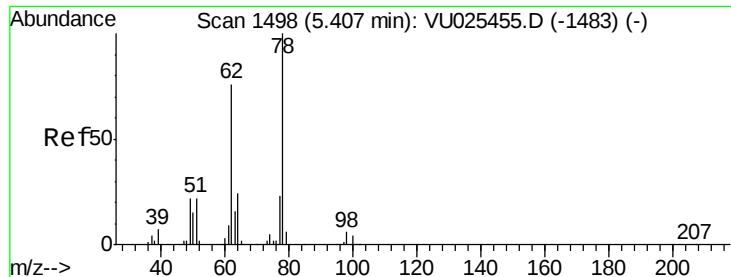
85 65.8 47.2 87.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#27

1,2-Dichloroethane

Concen: 63.386 ug/L

RT: 5.41 min Scan# 1498

Delta R.T. 0.00 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

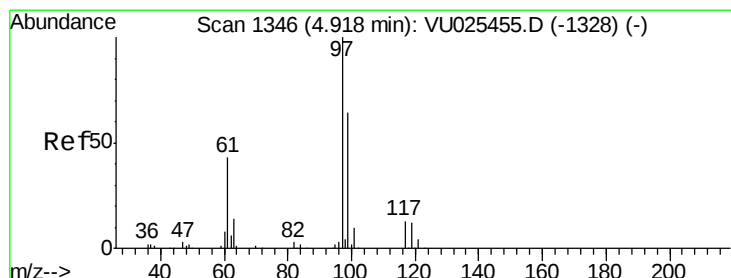
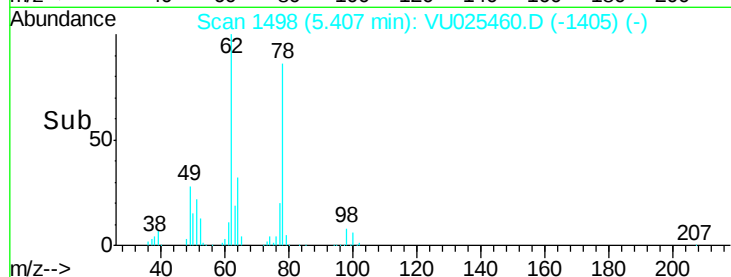
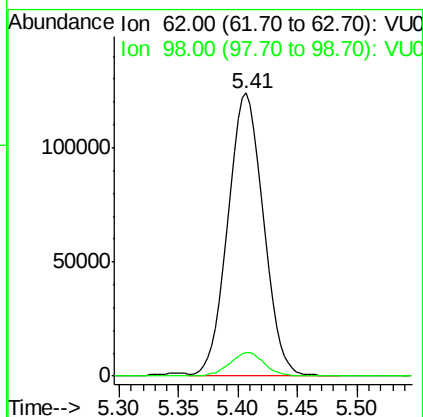
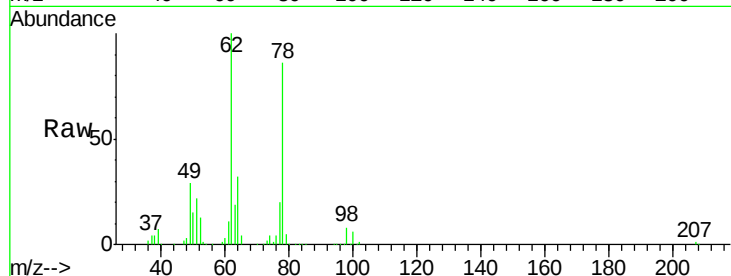
DB1C0

Tgt Ion: 62 Resp: 256017

Ion Ratio Lower Upper

62 100

98 8.1 6.5 9.7



#30

1,1,1-Trichloroethane

Concen: 18.803 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

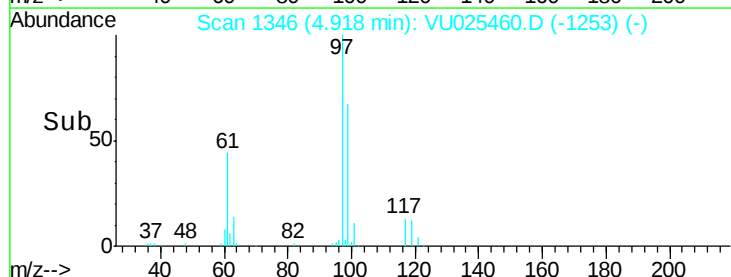
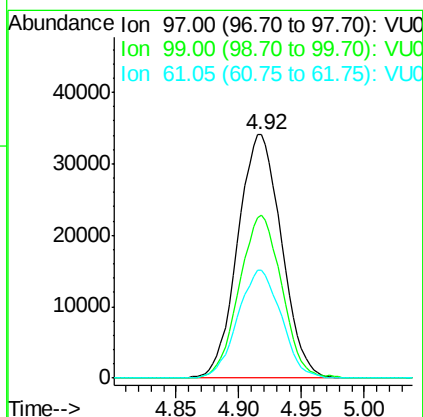
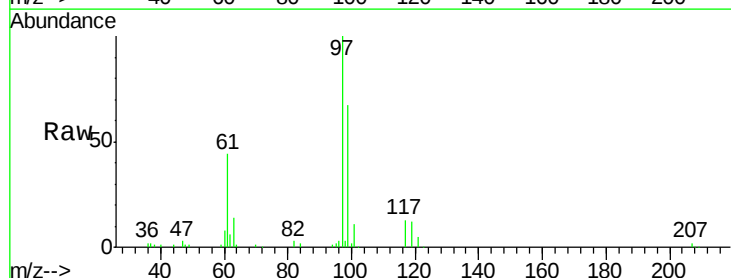
Tgt Ion: 97 Resp: 82754

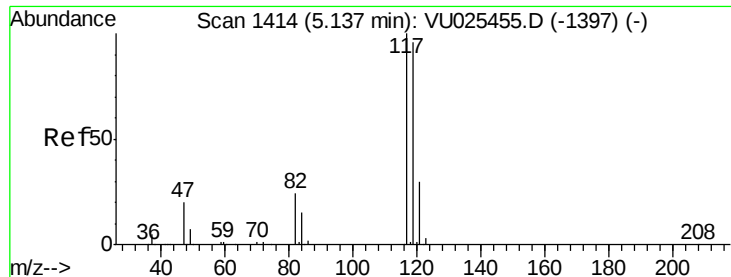
Ion Ratio Lower Upper

97 100

99 65.0 51.5 77.3

61 44.1 34.1 51.1





#31

Carbon tetrachloride

Concen: 57.604 ug/L

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

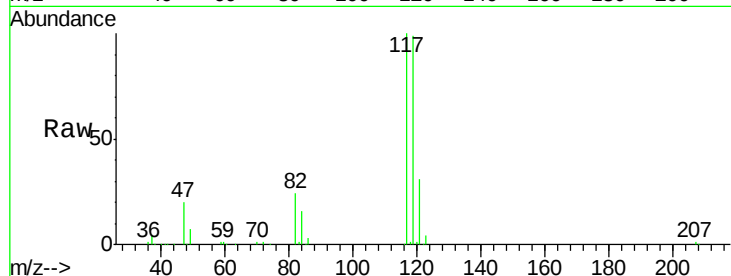
DB1C0

Tgt Ion:117 Resp: 222724

Ion Ratio Lower Upper

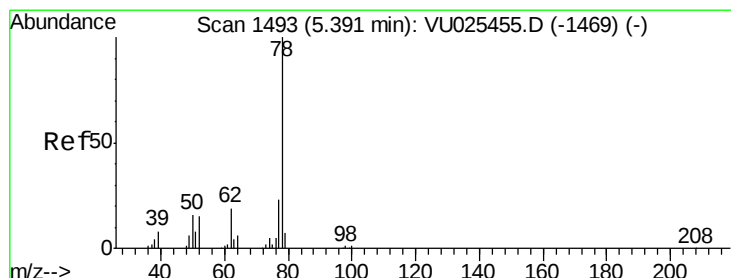
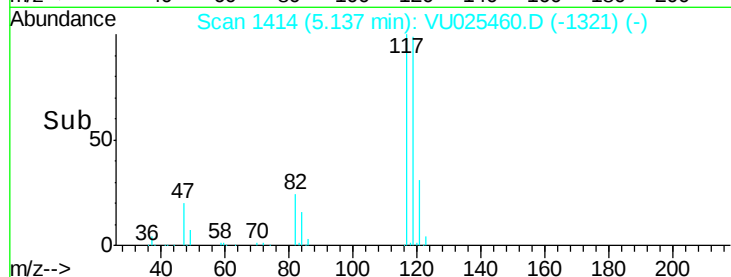
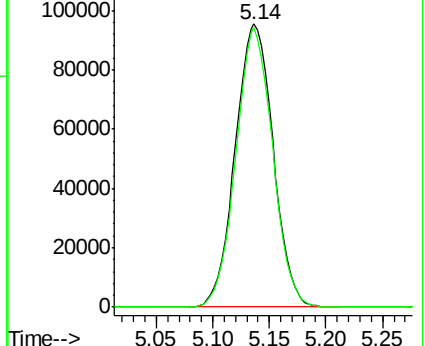
117 100

119 95.8 77.1 115.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 42.978 ug/L

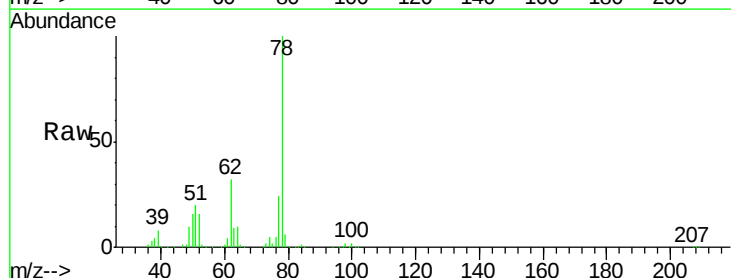
RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

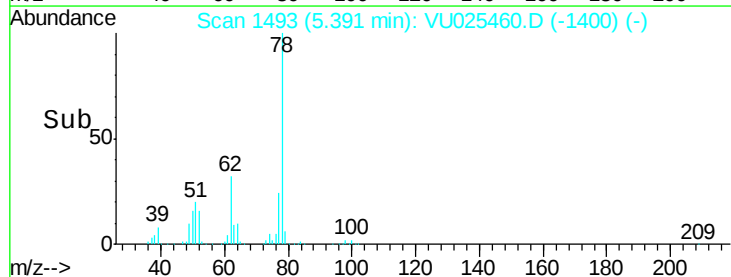
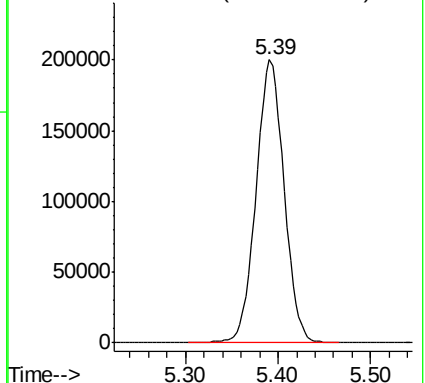
Lab File: VU025460.D

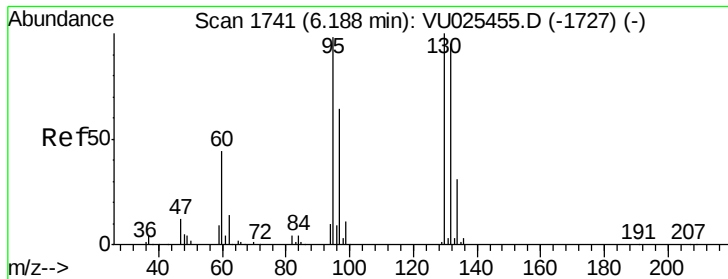
Acq: 17 Jul 2018 14:33

Tgt Ion: 78 Resp: 420509



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 76.877 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

DB1C0

Tgt Ion: 95 Resp: 199119

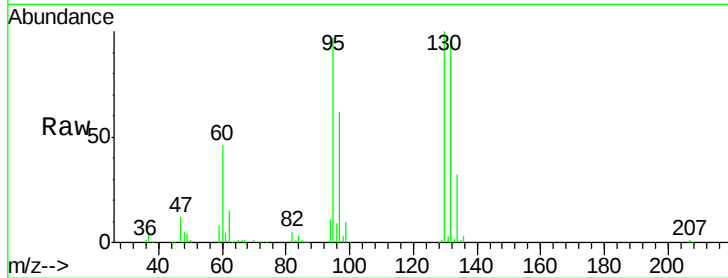
Ion Ratio Lower Upper

95 100

97 64.1 45.9 85.3

132 99.7 68.2 126.6

130 103.4 71.8 133.4

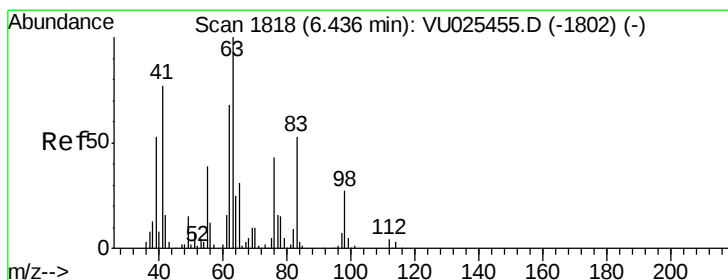
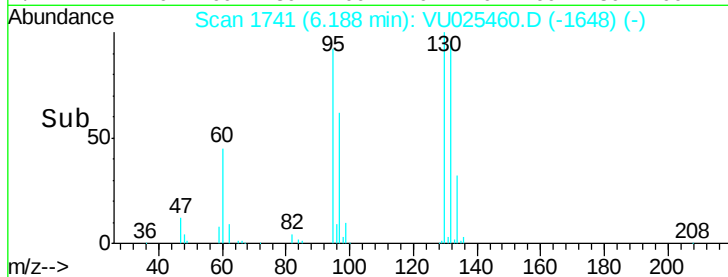
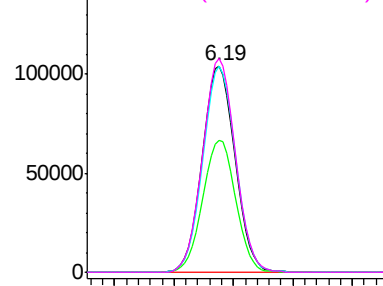


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 36.505 ug/L

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025460.D

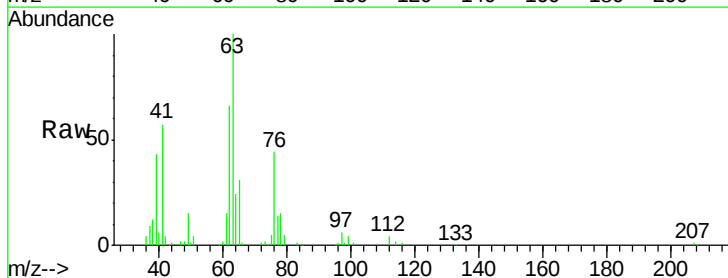
Acq: 17 Jul 2018 14:33

Tgt Ion: 63 Resp: 98531

Ion Ratio Lower Upper

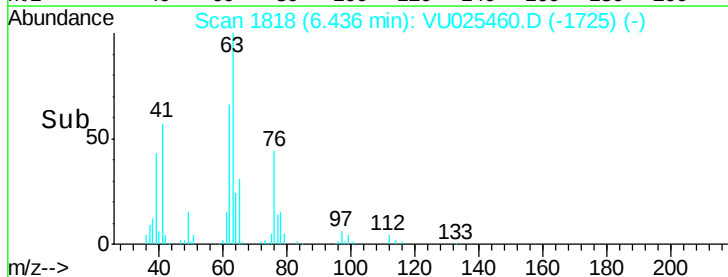
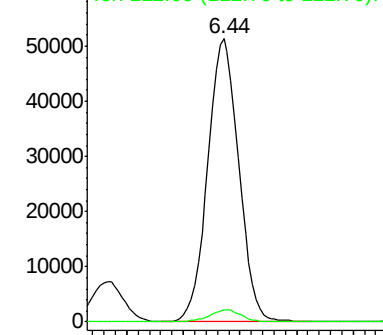
63 100

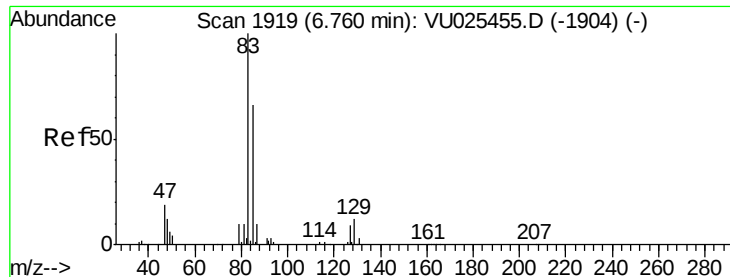
112 4.3 3.2 4.8



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#38

Bromodichloromethane

Concen: 18.409 ug/L

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

DB1C0

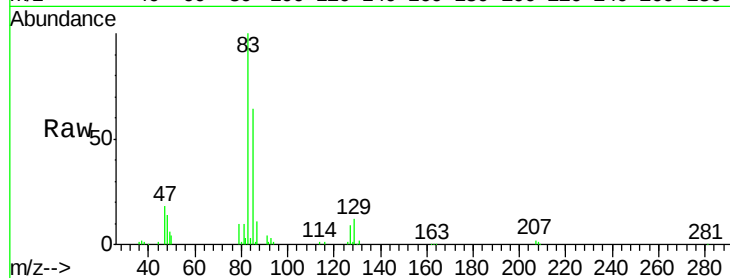
Tgt Ion: 83 Resp: 67088

Ion Ratio Lower Upper

83 100

85 63.9 45.8 85.2

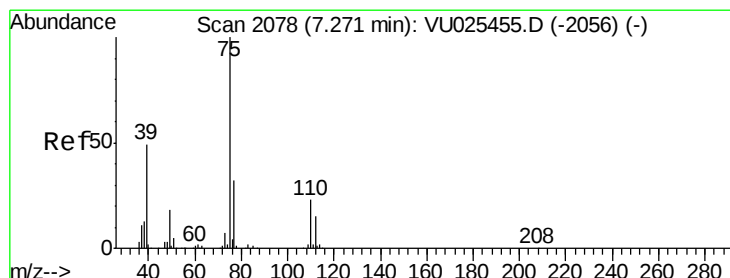
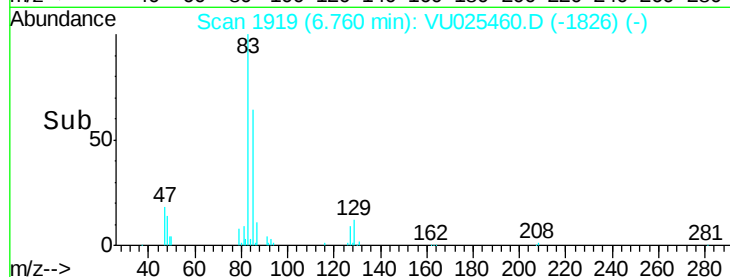
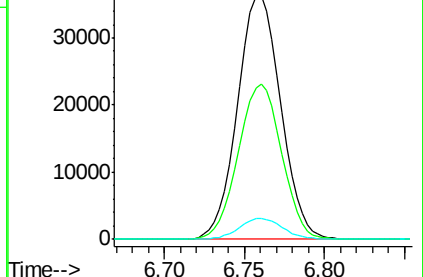
127 8.6 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VU025460.D (-1826) (-)

Ion 85.00 (84.70 to 85.70): VU025460.D (-1826) (-)

Ion 127.00 (126.70 to 127.70): VU025460.D (-1826) (-)



#39

cis-1,3-Dichloropropene

Concen: 23.223 ug/L

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025460.D

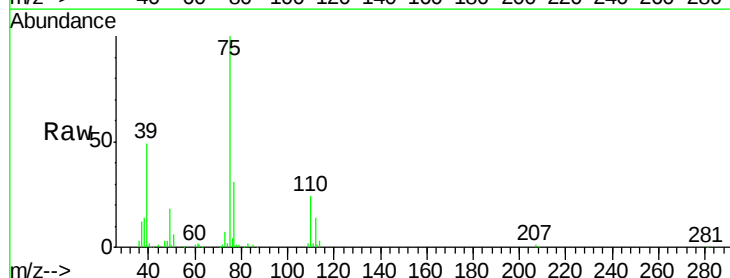
Acq: 17 Jul 2018 14:33

Tgt Ion: 75 Resp: 97120

Ion Ratio Lower Upper

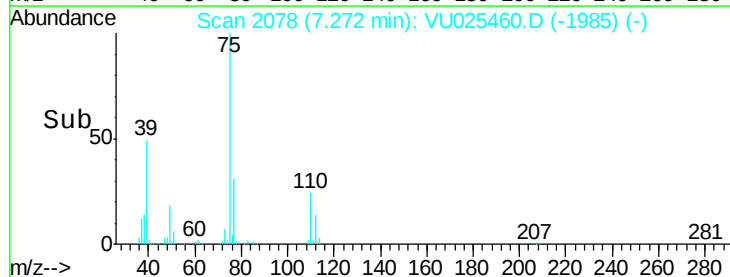
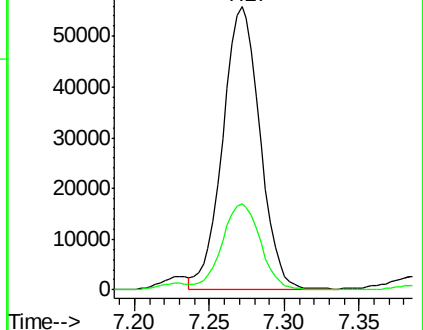
75 100

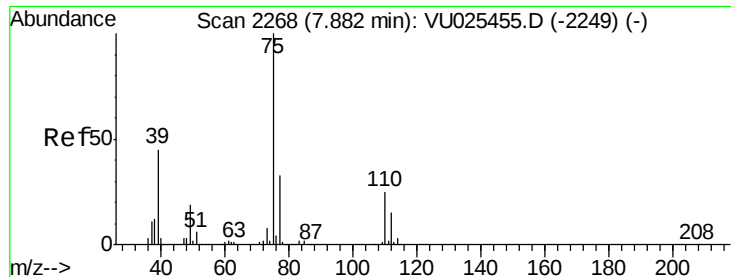
77 30.5 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU025460.D (-1985) (-)

Ion 77.00 (76.70 to 77.70): VU025460.D (-1985) (-)





#44

trans-1,3-Dichloropropene

Concen: 45.942 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

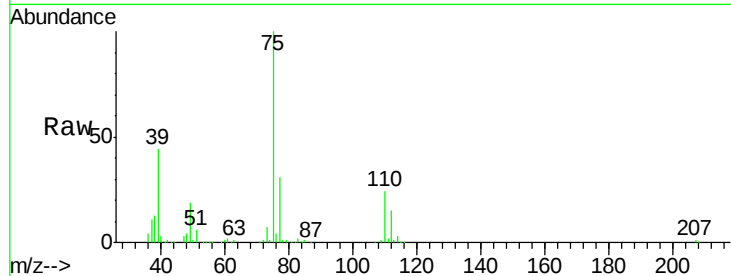
DB1C0

Tgt Ion: 75 Resp: 184442

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VU025455.D (-2249) (-)

Ion 77.00 (76.70 to 77.70): VU025455.D (-2249) (-)

7.88

120000

100000

80000

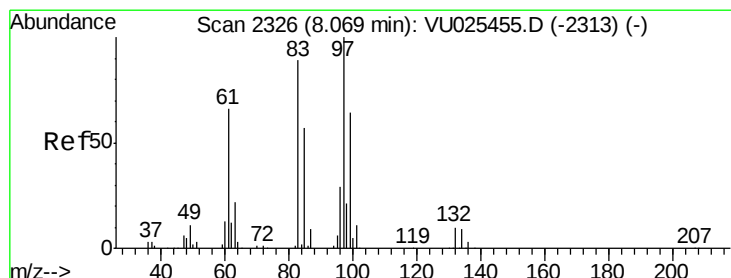
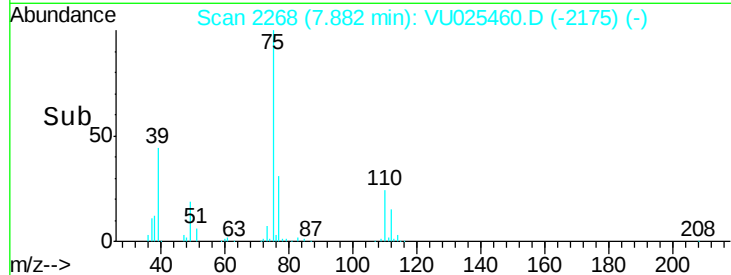
60000

40000

20000

0

Time-->



#45

1,1,2-Trichloroethane

Concen: 23.464 ug/L

RT: 8.07 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

Tgt Ion: 97 Resp: 60046

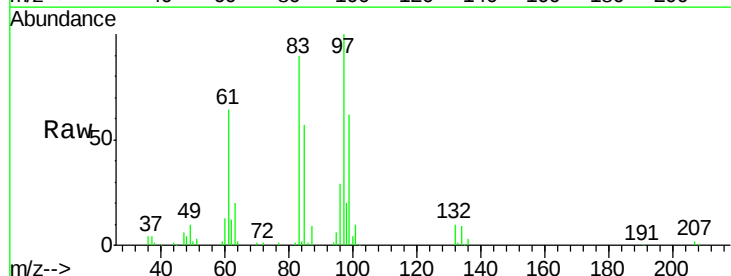
Ion Ratio Lower Upper

97 100

99 62.3 44.7 83.1

83 89.8 62.0 115.2

85 57.2 39.6 73.6



Abundance Ion 97.00 (96.70 to 97.70): VU025455.D (-2313) (-)

Ion 99.00 (98.70 to 99.70): VU025455.D (-2313) (-)

Ion 83.00 (82.70 to 83.70): VU025455.D (-2313) (-)

Ion 85.00 (84.70 to 85.70): VU025455.D (-2313) (-)

8.07

50000

40000

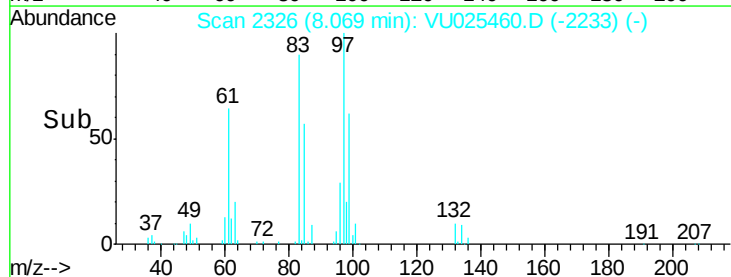
30000

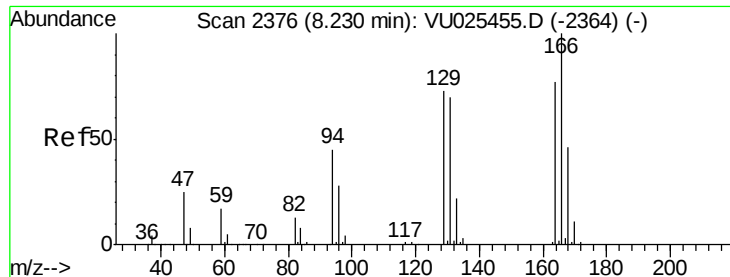
20000

10000

0

Time-->





#46

Tetrachloroethene

Concen: 67.404 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025460.D

Acq: 17 Jul 2018 14:33

Instrument :

MSVOA_U

ClientSampleId :

DB1C0

Tgt Ion:164 Resp: 145641

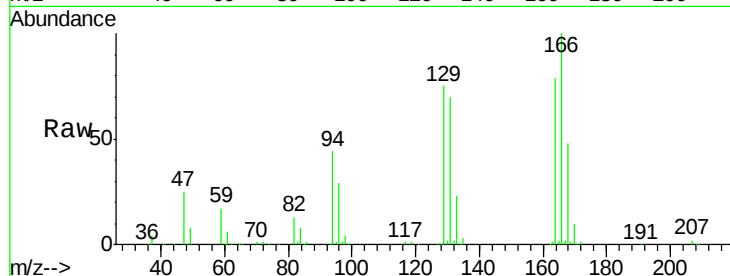
Ion Ratio Lower Upper

164 100

129 94.3 66.5 123.5

131 89.0 63.7 118.3

166 126.3 90.8 168.6

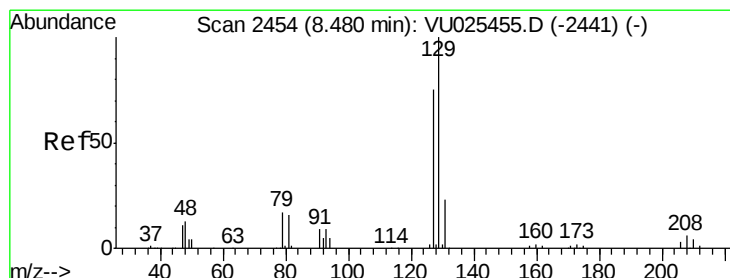
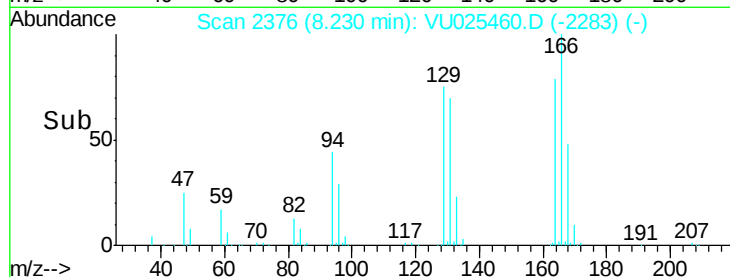
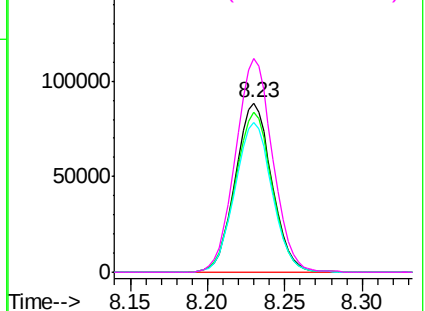


Abundance Ion 164.00 (163.70 to 164.70): V

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: 36.161 ug/L

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025460.D

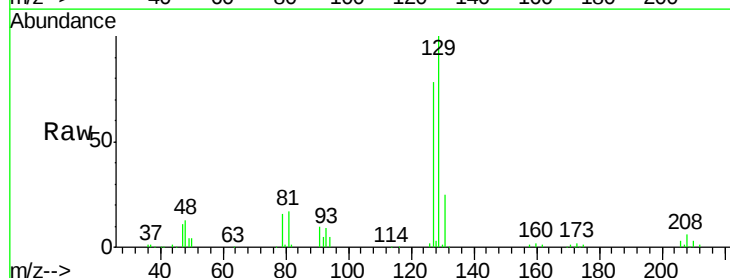
Acq: 17 Jul 2018 14:33

Tgt Ion:129 Resp: 112023

Ion Ratio Lower Upper

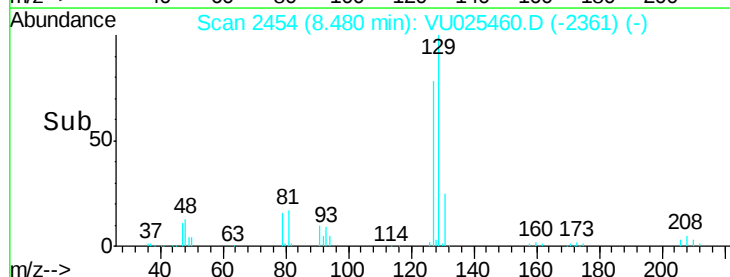
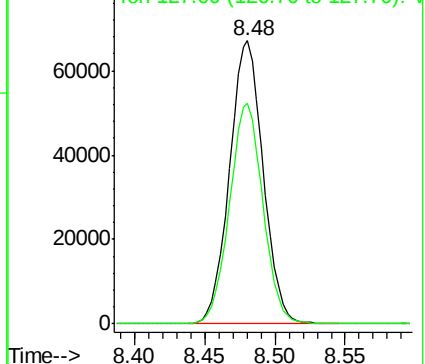
129 100

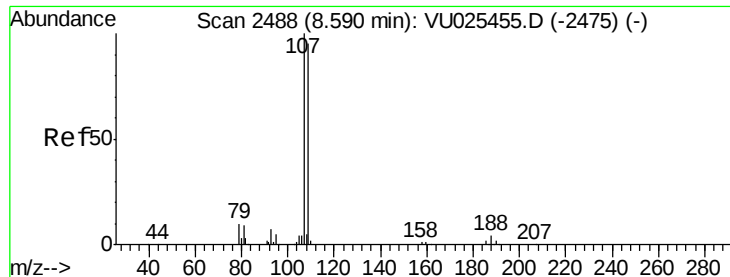
127 77.9 52.4 97.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

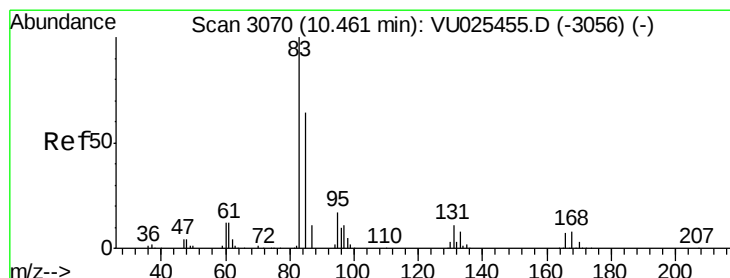
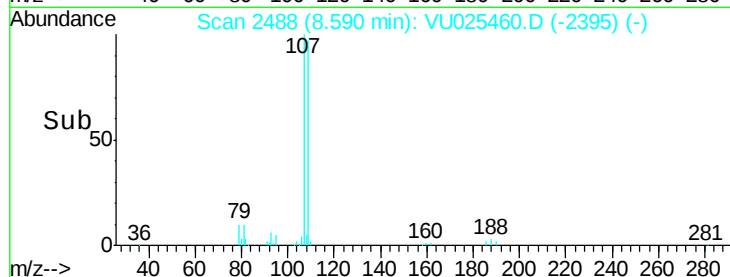
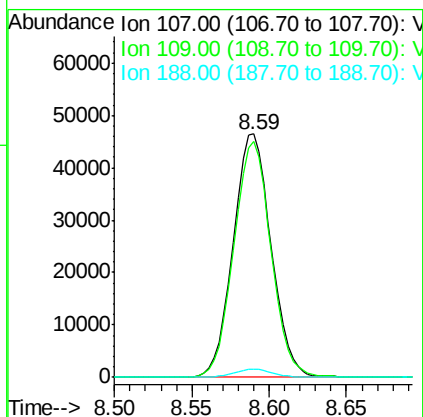
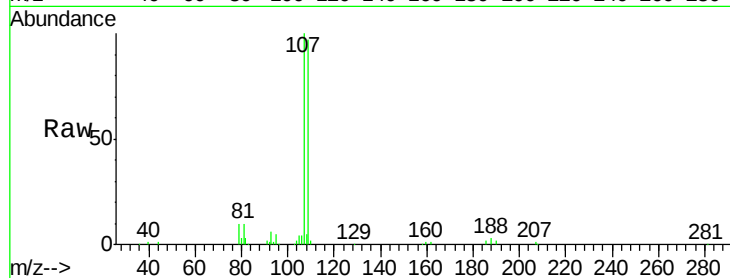




#50
 1,2-Dibromoethane
 Concen: 28.001 ug/L
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025460.D
 Acq: 17 Jul 2018 14:33

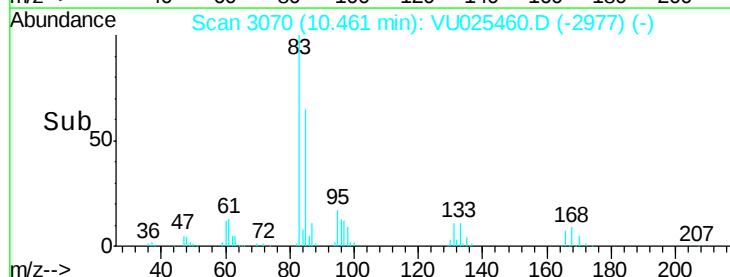
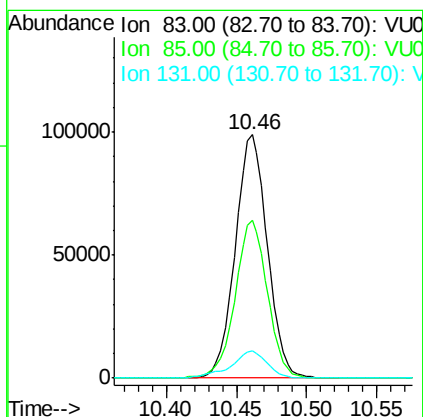
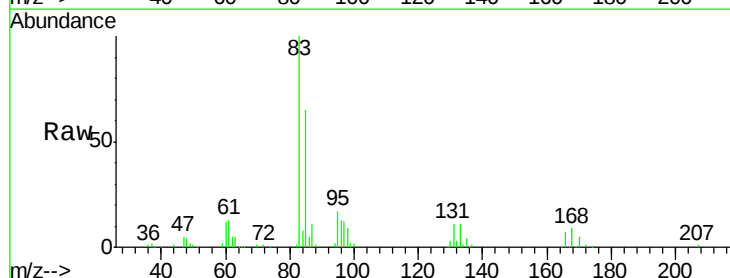
Instrument :
 MSVOA_U
 ClientSampleId :
 DB1C0

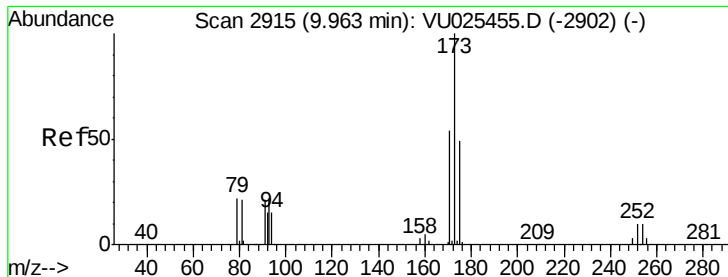
Tgt Ion: 107 Resp: 79093
 Ion Ratio Lower Upper
 107 100
 109 97.0 66.5 123.5
 188 3.3 3.4 5.0#



#58
 1,1,2,2-Tetrachloroethane
 Concen: 35.763 ug/L
 RT: 10.46 min Scan# 3070
 Delta R.T. 0.00 min
 Lab File: VU025460.D
 Acq: 17 Jul 2018 14:33

Tgt Ion: 83 Resp: 157565
 Ion Ratio Lower Upper
 83 100
 85 64.7 44.9 83.5
 131 11.2 8.9 13.3

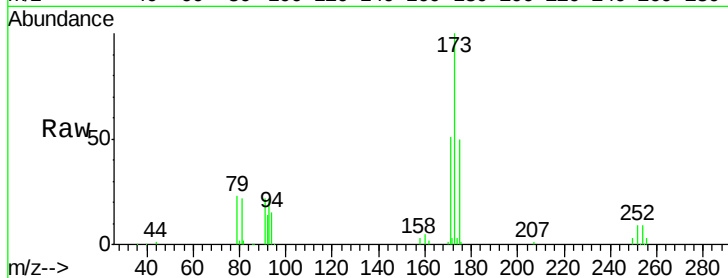




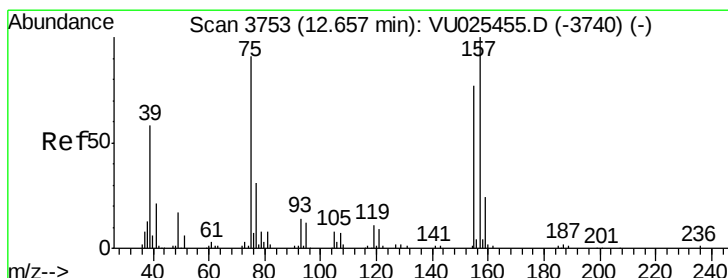
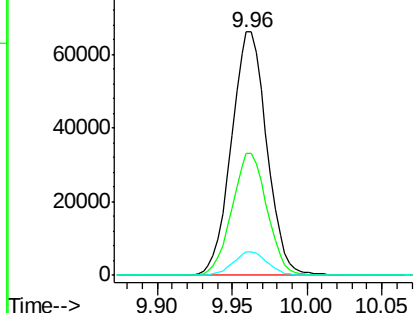
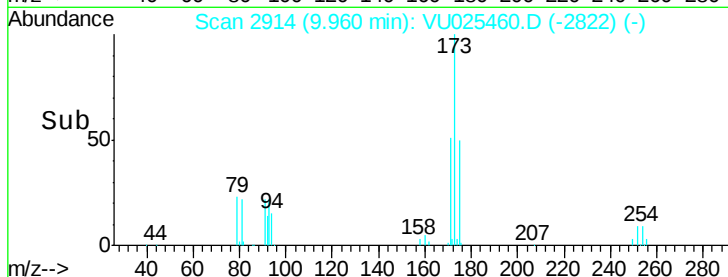
#61
Bromoform
Concen: 44.814 ug/L
RT: 9.96 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VU025460.D
Acq: 17 Jul 2018 14:33

Instrument :
MSVOA_U
ClientSampleId :
DB1C0

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.1	58.7
254	9.2	7.3	10.9

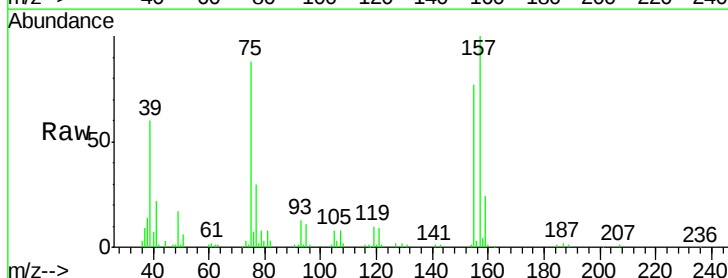


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#66
1,2-Dibromo-3-chloropropane
Concen: 35.194 ug/L
RT: 12.66 min Scan# 3754
Delta R.T. 0.00 min
Lab File: VU025460.D
Acq: 17 Jul 2018 14:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.2	67.4	101.0
157	114.3	87.9	131.9



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

