

Data File : VU029258.D
Acq On : 21 Jan 2019 18:56
Operator : JC/SP
Sample : K1009-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Quant Time: Jan 22 01:16:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	114463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	200903	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	190758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75872	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	78421	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
35) Dibromofluoromethane	4.88	113	68144	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	7.56	98	264107	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
62) 4-Bromofluorobenzene	10.30	95	83112	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	

Target Compounds			Qvalue			
3) Chloromethane	1.33	50	681	Below Cal		94
16) Acetone	2.32	43	33347	37.410 ug/l		96
17) Carbon Disulfide	2.48	76	615	Below Cal	#	75
18) Methyl Acetate	2.62	43	1879	0.907 ug/l	#	85
20) Methylene Chloride	2.70	84	8576	5.667 ug/l		96
25) 2-Butanone	4.29	43	506	0.420 ug/l	#	89
29) Tetrahydrofuran	4.65	42	208	0.285 ug/l	#	30
31) Cyclohexane	4.99	56	2163	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8483	4.224 ug/l	#	47
37) Ethyl Acetate	4.29	43	506	0.230 ug/l	#	66
38) Carbon Tetrachloride	4.98	117	10575	6.314 ug/l	#	17
43) Isopropyl Acetate	5.55	43	6286	1.859 ug/l		98
45) 1,2-Dichloropropane	6.70	63	451	0.273 ug/l	#	43
48) Methyl methacrylate	6.70	41	33614	20.416 ug/l	#	36
51) 4-Methyl-2-Pentanone	7.42	43	34165	14.847 ug/l	#	45
52) Toluene	7.63	92	917	0.240 ug/l		99
54) cis-1,3-Dichloropropene	7.42	75	19258	7.620 ug/l	#	59
57) 1,3-Dichloropropane	8.41	76	3413	1.306 ug/l	#	42
59) 2-Hexanone	8.31	43	6323	3.500 ug/l	#	21
68) m/p-Xylenes	9.38	106	1985	0.716 ug/l		85
69) o-Xylene	9.78	106	987	0.369 ug/l		99
74) N-amyl acetate	9.76	43	4318	1.784 ug/l	#	46
76) 1,2,3-Trichloropropane	10.30	75	40256	21.655 ug/l	#	35
80) 1,3,5-Trimethylbenzene	10.77	105	1459	0.311 ug/l		91
81) trans-1,4-Dichloro-2-buten	10.30	75	40256	55.849 ug/l	#	100
84) 1,2,4-Trimethylbenzene	11.15	105	5683	1.214 ug/l		95
85) sec-Butylbenzene	11.15	105	5683	1.017 ug/l	#	57
95) Naphthalene	13.75	128	19417	3.307 ug/l		98

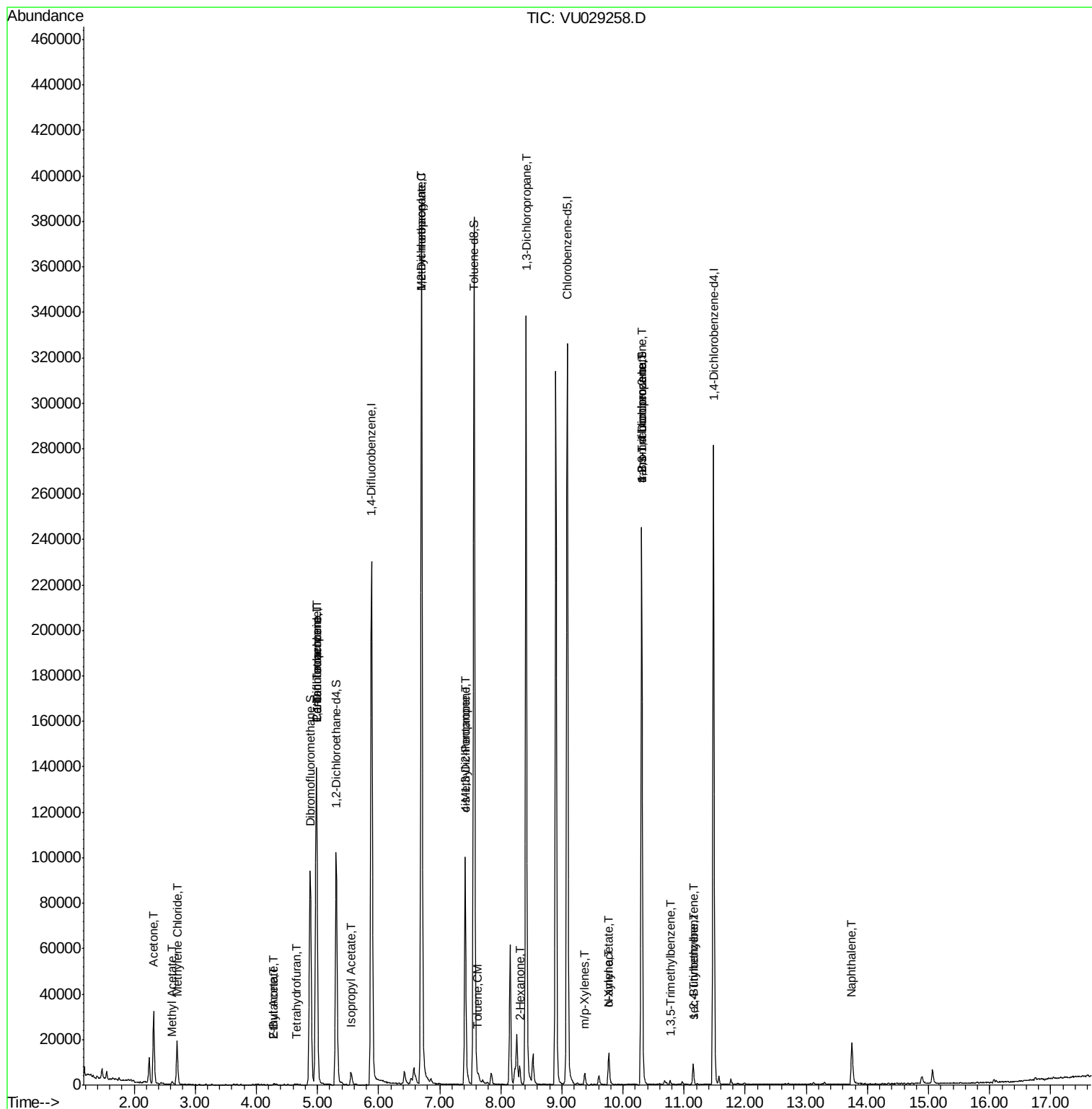
(#) = qualifier out of range (m) = manual integration (+) = signals summed

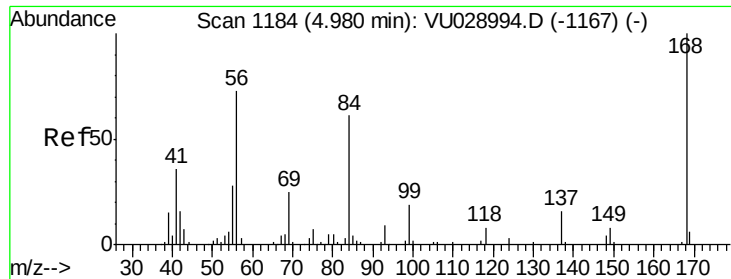
Data File : VU029258.D

```
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

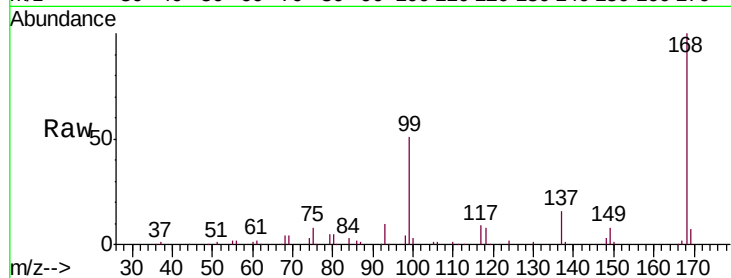
CL-01-011819-C

Tgt Ion:168 Resp: 114463

Ion Ratio Lower Upper

168 100

99 51.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

50000

40000

30000

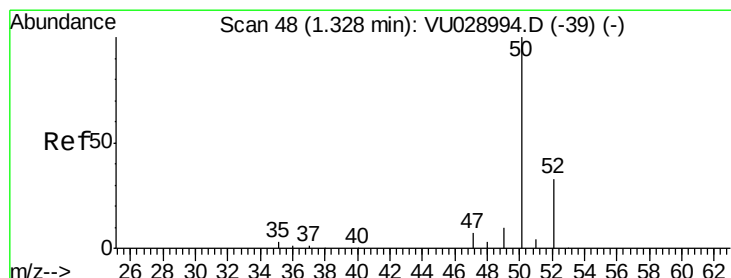
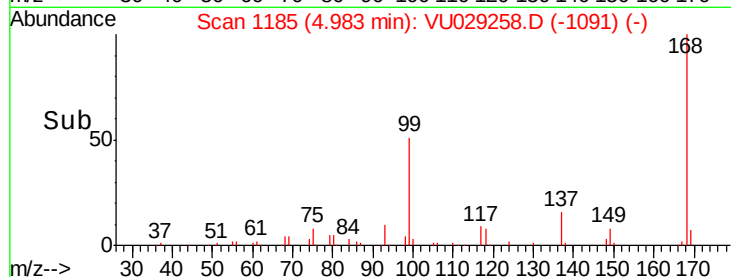
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU029258.D

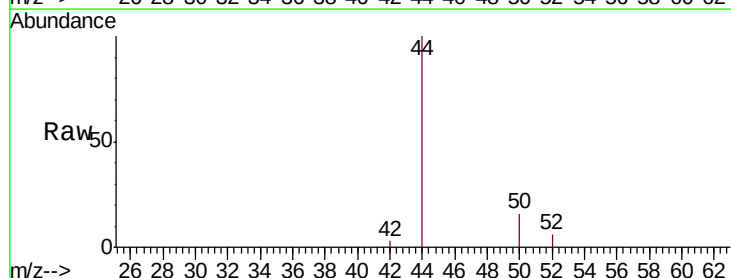
Acq: 21 Jan 2019 18:56

Tgt Ion: 50 Resp: 681

Ion Ratio Lower Upper

50 100

52 36.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VU028994.D (-39) (-)

Ion 51.90 (51.60 to 52.60): VU028994.D (-39) (-)

1.33

600

500

400

300

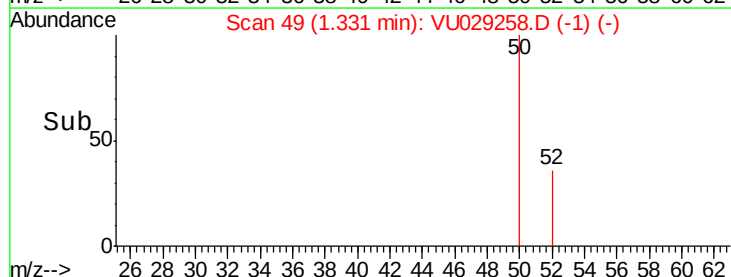
200

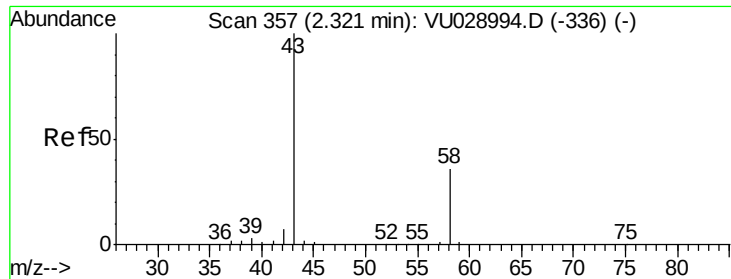
100

0

1.30 1.32 1.34 1.36

Time-->





#16

Acetone

Concen: 37.410 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

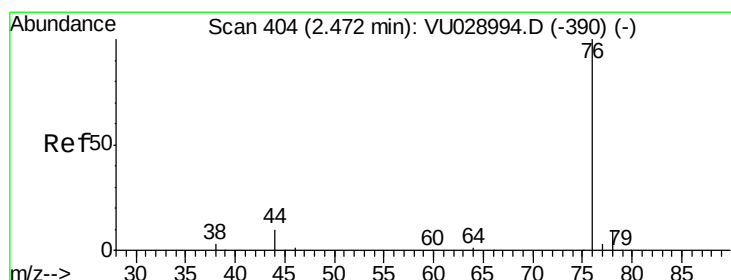
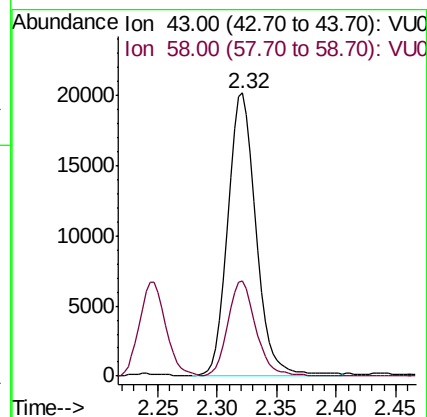
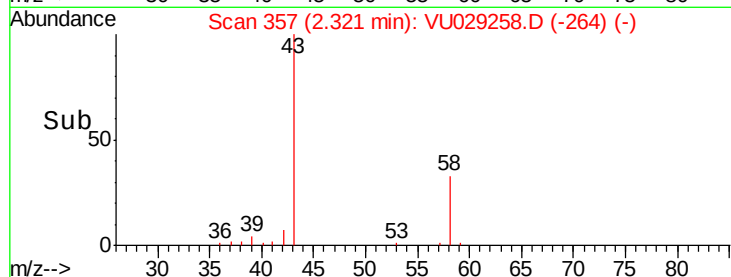
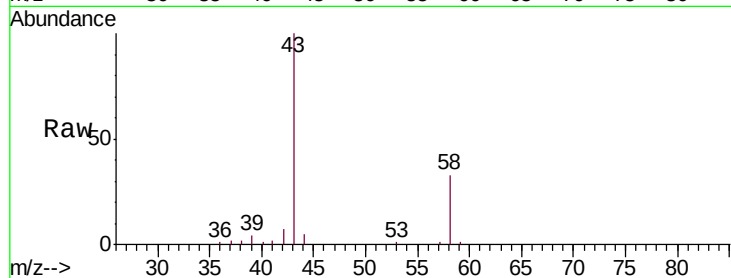
CL-01-011819-C

Tgt Ion: 43 Resp: 33347

Ion Ratio Lower Upper

43 100

58 33.4 28.6 42.8



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 406

Delta R.T. 0.01 min

Lab File: VU029258.D

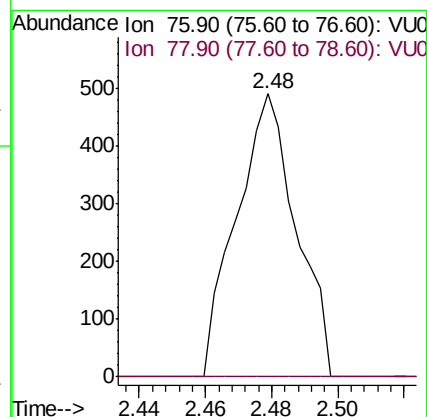
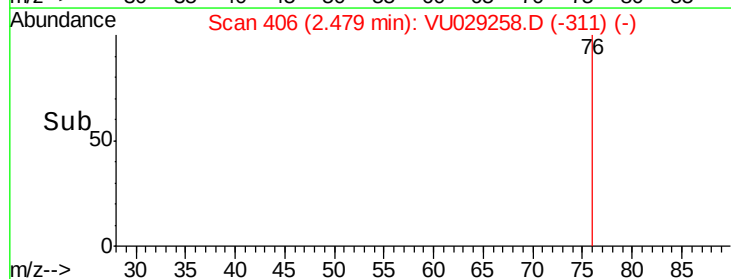
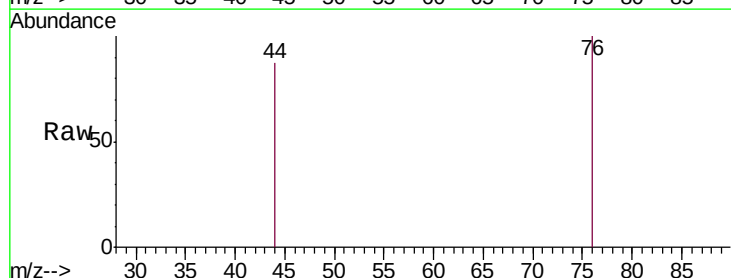
Acq: 21 Jan 2019 18:56

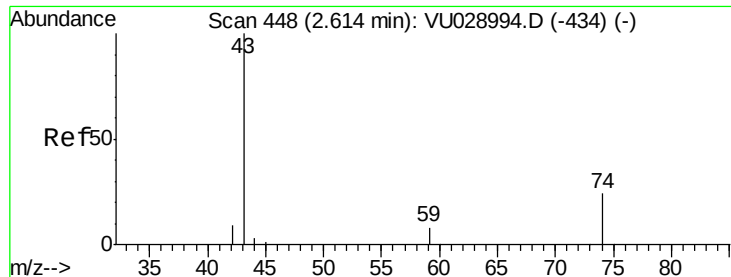
Tgt Ion: 76 Resp: 615

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.907 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

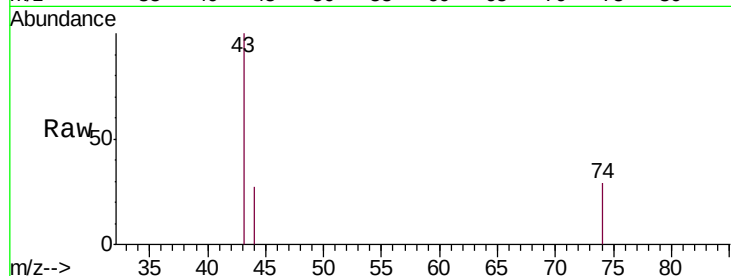
CL-01-011819-C

Tgt Ion: 43 Resp: 1879

Ion Ratio Lower Upper

43 100

74 17.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VU029258.D (-355) (-)

Ion 74.00 (73.70 to 74.70): VU029258.D (-355) (-)

2.62

1000

800

600

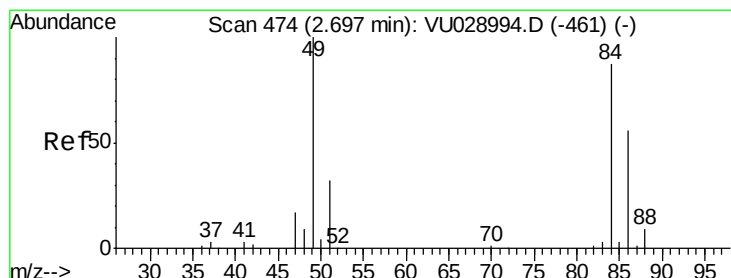
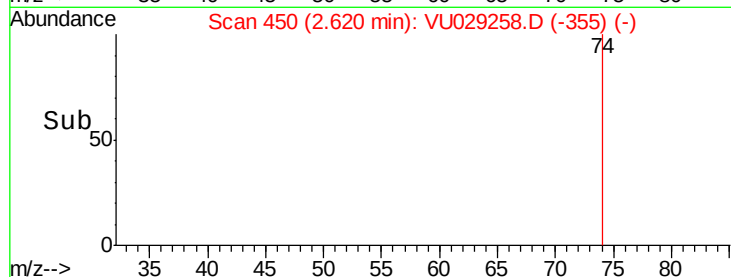
400

200

0

2.60 2.65 2.70

Time-->



#20

Methylene Chloride

Concen: 5.667 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Tgt Ion: 84 Resp: 8576

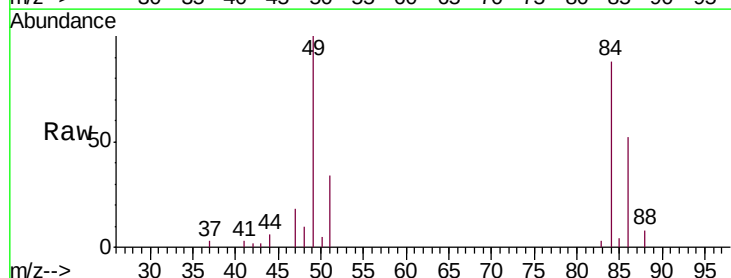
Ion Ratio Lower Upper

84 100

49 113.0 91.9 137.9

51 38.9 29.2 43.8

86 58.4 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VU029258.D (-381) (-)

Ion 48.90 (48.60 to 49.60): VU029258.D (-381) (-)

Ion 50.90 (50.60 to 51.60): VU029258.D (-381) (-)

Ion 85.90 (85.60 to 86.60): VU029258.D (-381) (-)

8000

6000

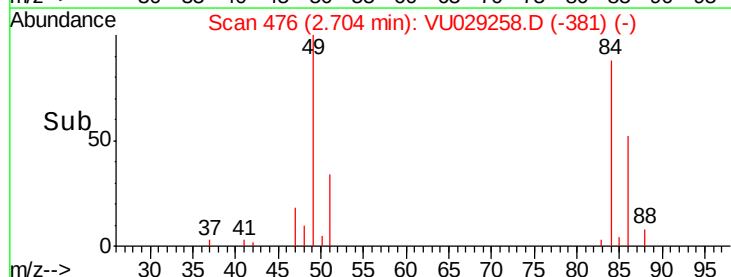
4000

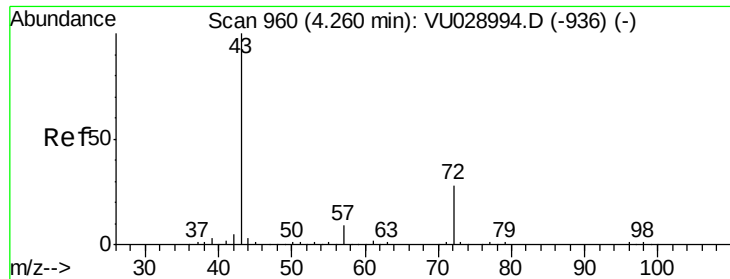
2000

0

2.65 2.70 2.75

Time-->





#25

2-Butanone

Concen: 0.420 ug/l

RT: 4.29 min Scan# 969

Delta R.T. 0.03 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

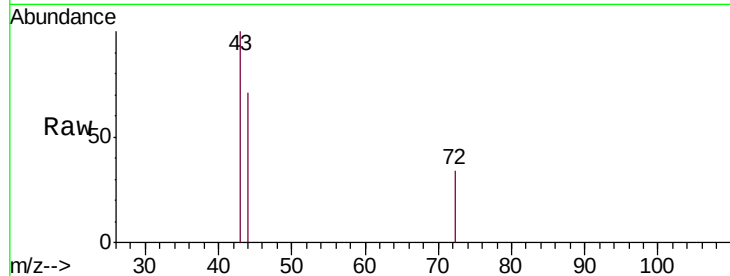
CL-01-011819-C

Tgt Ion: 43 Resp: 506

Ion Ratio Lower Upper

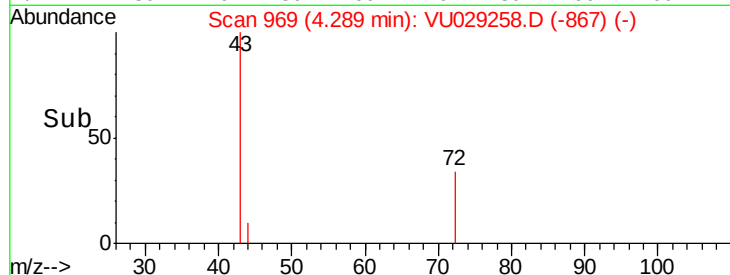
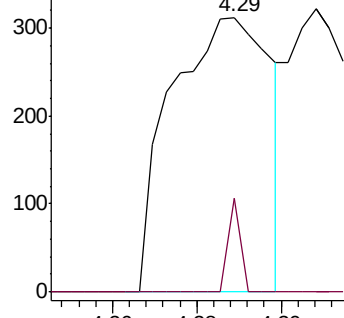
43 100

72 34.0 22.6 33.8#

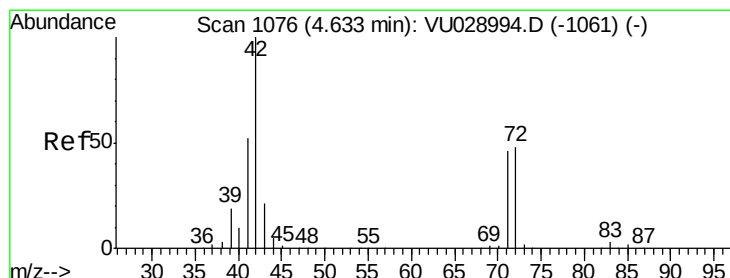


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



Time-->



#29

Tetrahydrofuran

Concen: 0.285 ug/l

RT: 4.65 min Scan# 1082

Delta R.T. 0.02 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

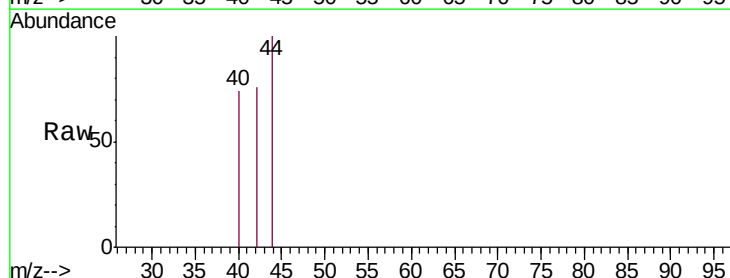
Tgt Ion: 42 Resp: 208

Ion Ratio Lower Upper

42 100

72 0.0 38.3 57.5#

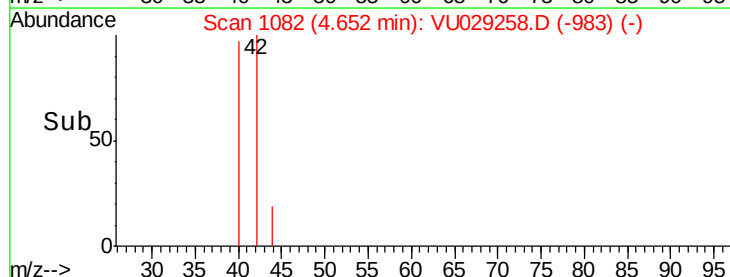
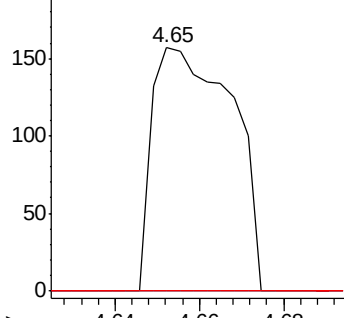
71 0.0 36.1 54.1#



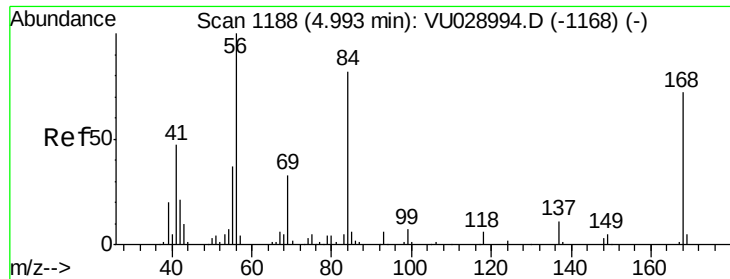
Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



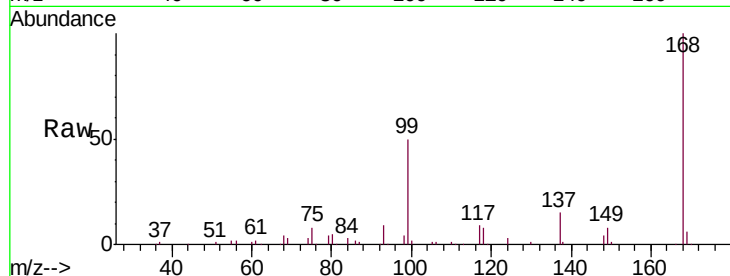
Time-->



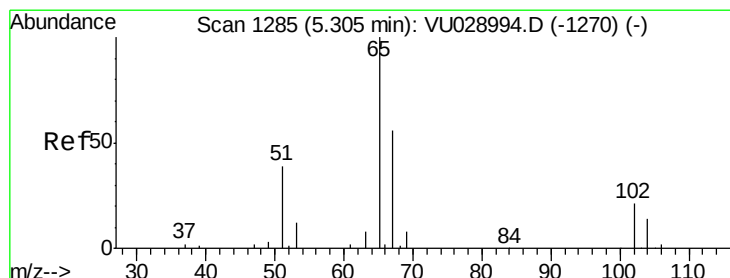
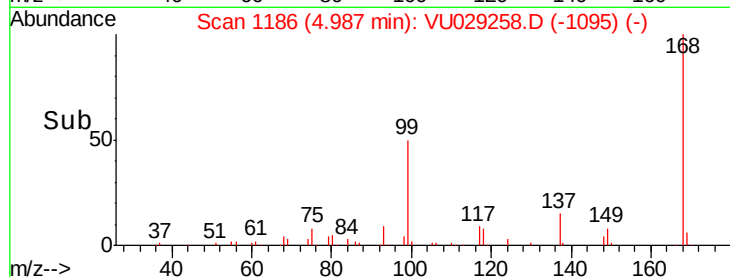
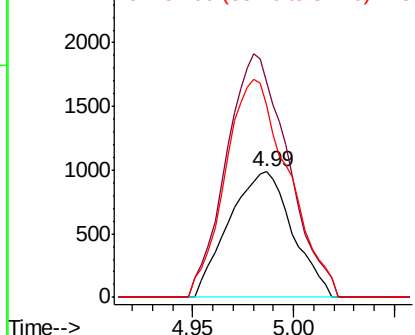
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Tgt Ion: 56 Resp: 2163
Ion Ratio Lower Upper
56 100
69 171.2 26.7 40.1#
84 152.7 65.7 98.5#

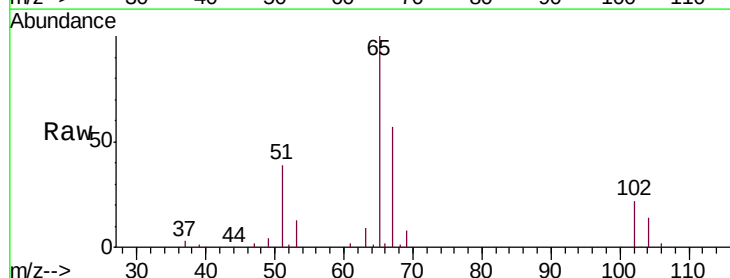


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

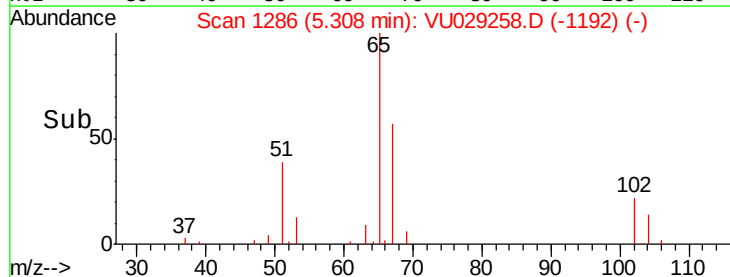
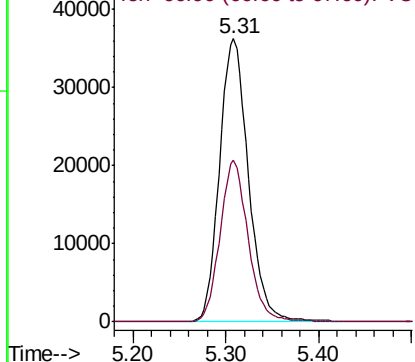


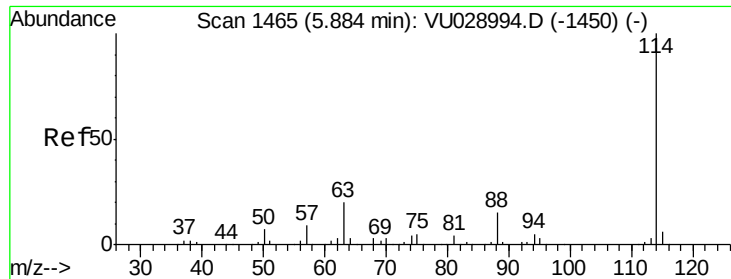
#33
1,2-Dichloroethane-d4
Concen: 55.422 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 65 Resp: 78421
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

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CL-01-011819-C

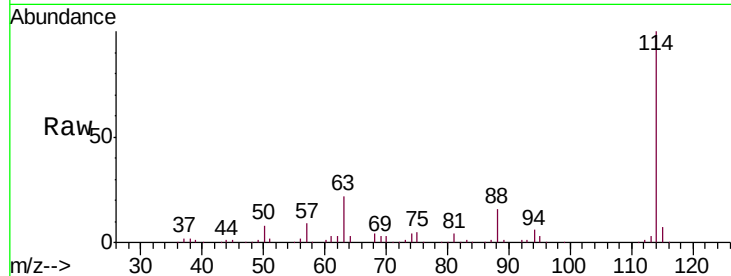
Tgt Ion:114 Resp: 200903

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.2

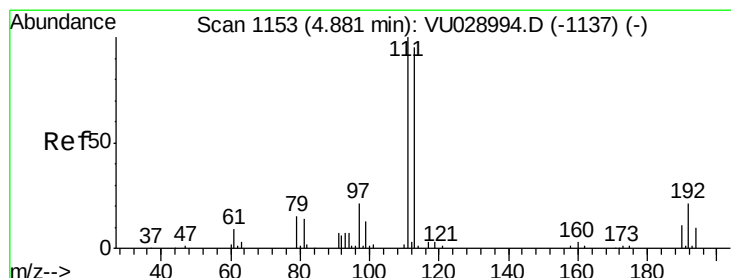
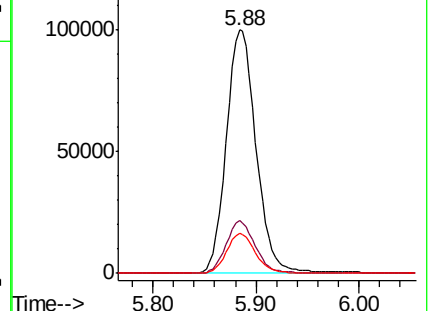
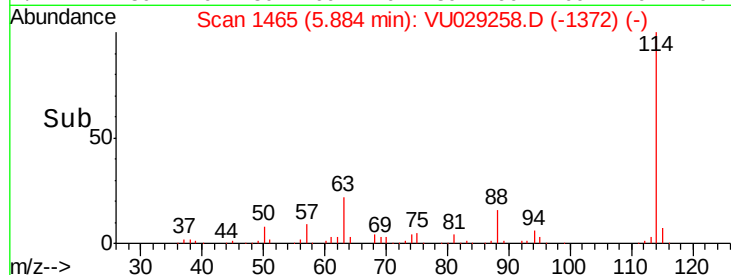
88 16.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 52.325 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

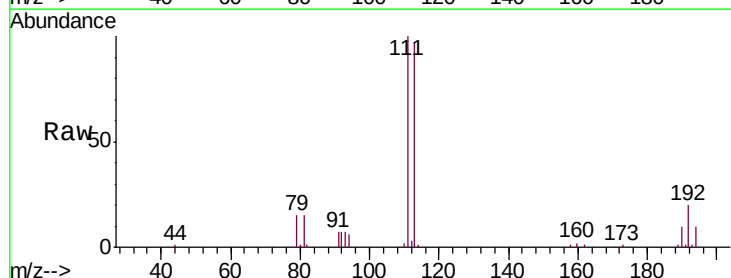
Tgt Ion:113 Resp: 68144

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.2

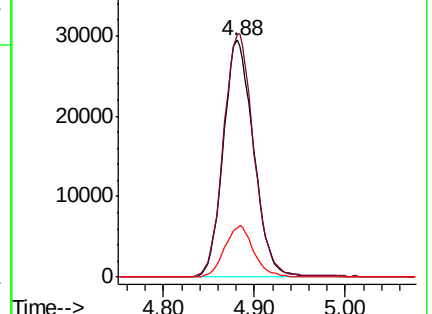
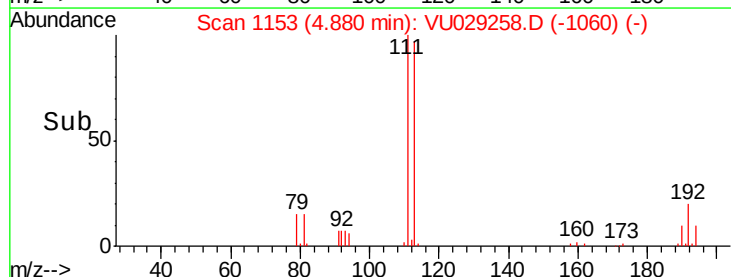
192 20.6 16.8 25.2

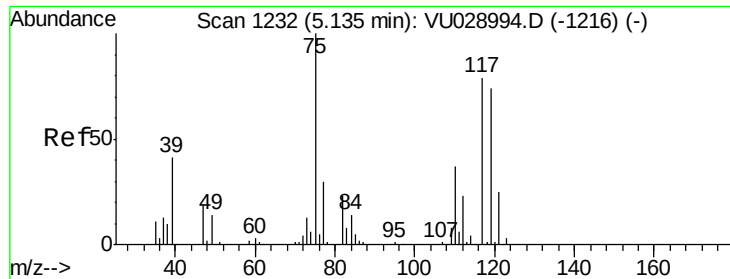


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

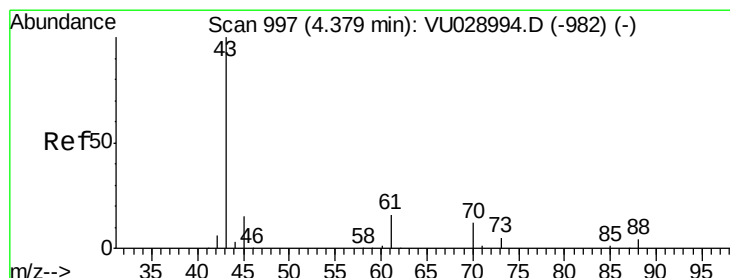
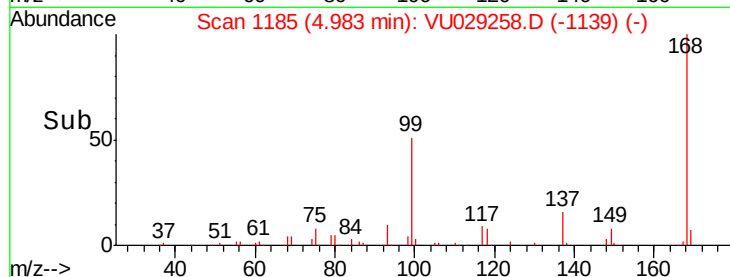
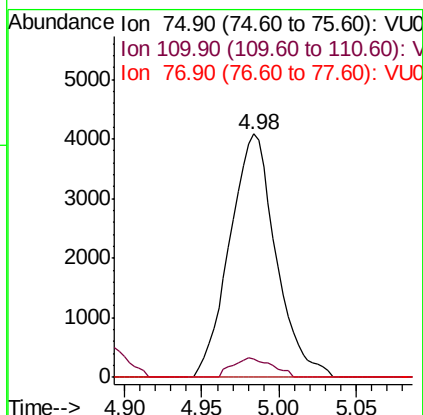
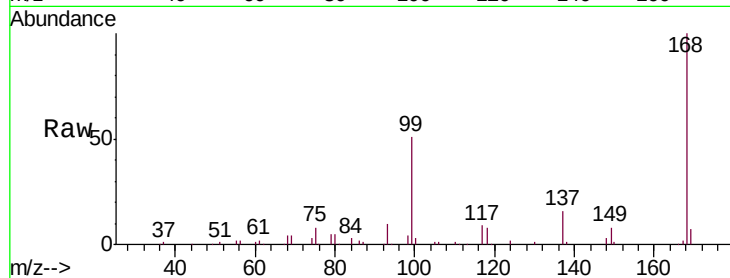




#36
 1,1-Dichloropropene
 Concen: 4.224 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU029258.D
 Acq: 21 Jan 2019 18:56

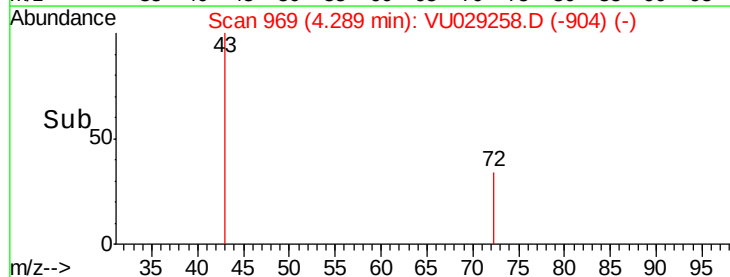
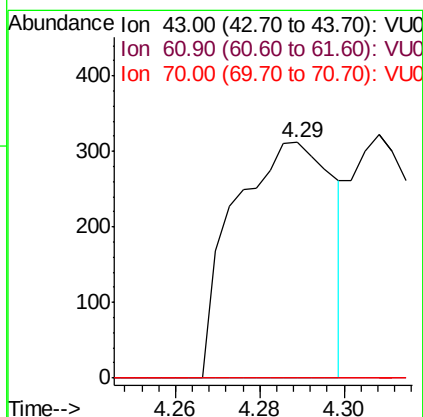
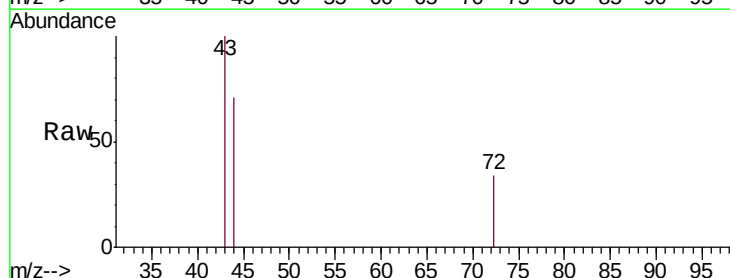
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-C

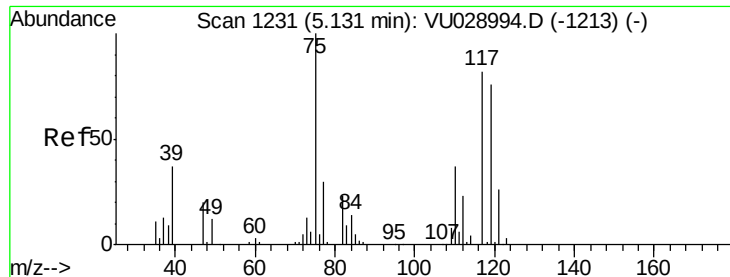
Tgt Ion: 75 Resp: 8483
 Ion Ratio Lower Upper
 75 100
 110 6.8 18.4 55.4#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 0.230 ug/l
 RT: 4.29 min Scan# 969
 Delta R.T. -0.09 min
 Lab File: VU029258.D
 Acq: 21 Jan 2019 18:56

Tgt Ion: 43 Resp: 506
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.6 18.8#
 70 0.0 9.3 13.9#

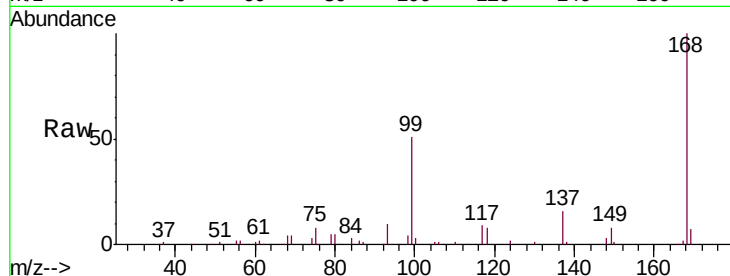




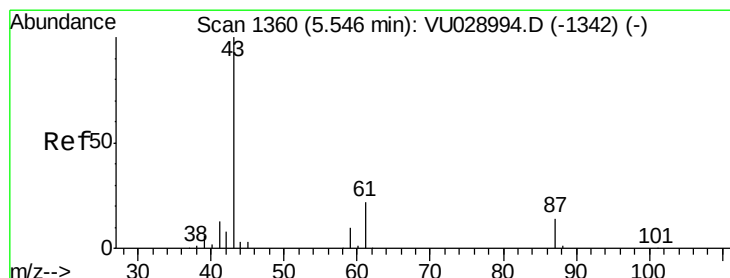
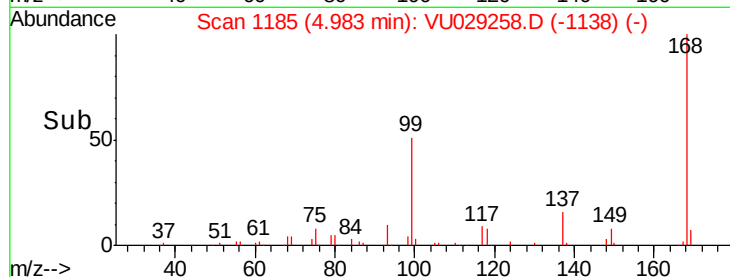
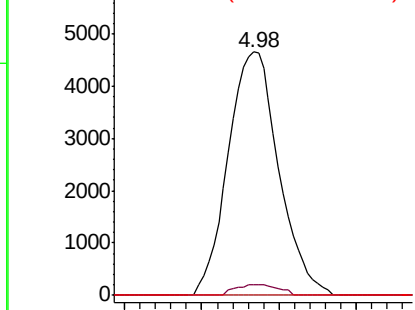
#38
 Carbon Tetrachloride
 Concen: 6.314 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU029258.D
 Acq: 21 Jan 2019 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-C

Tgt Ion: 117 Resp: 10575
 Ion Ratio Lower Upper
 117 100
 119 4.5 74.6 111.8#
 121 0.0 25.0 37.6#

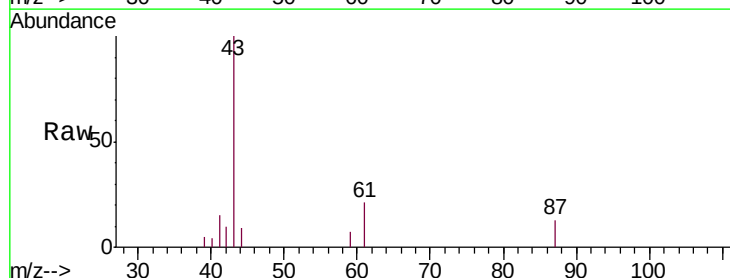


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

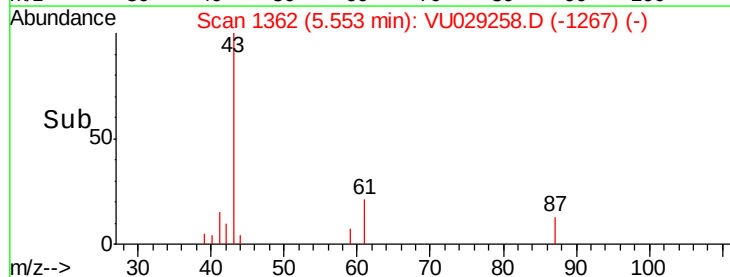
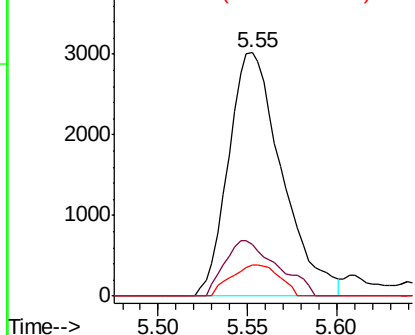


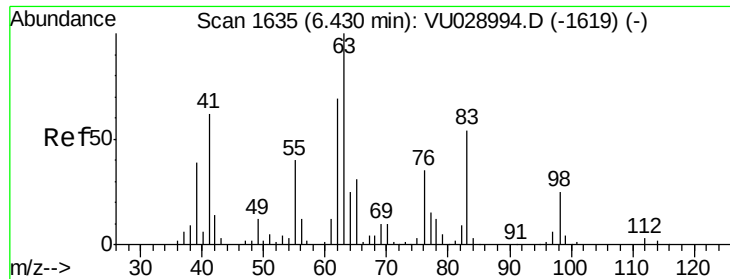
#43
 Isopropyl Acetate
 Concen: 1.859 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: VU029258.D
 Acq: 21 Jan 2019 18:56

Tgt Ion: 43 Resp: 6286
 Ion Ratio Lower Upper
 43 100
 61 22.3 17.8 26.6
 87 11.7 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0

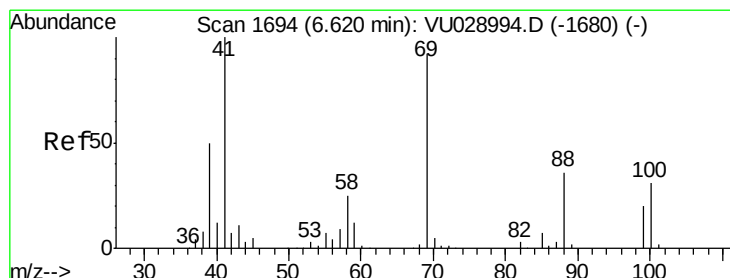
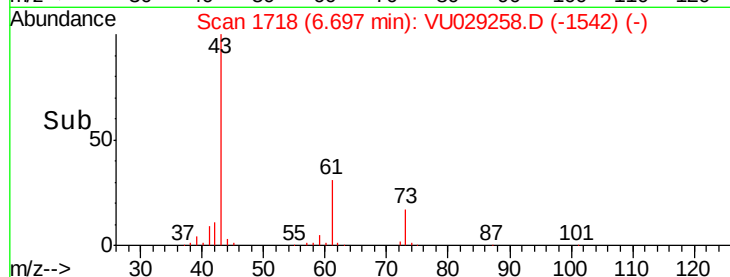
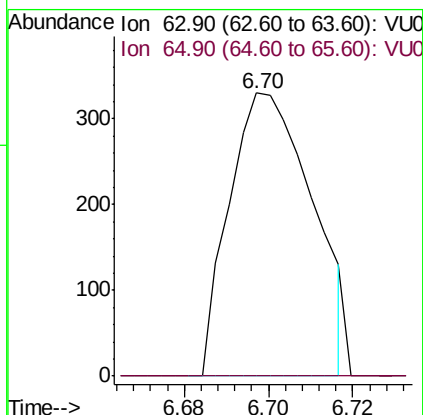
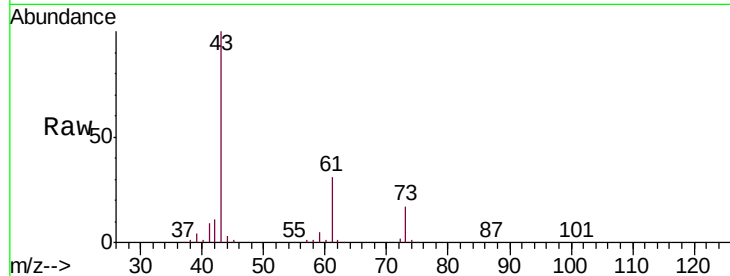




#45
 1,2-Dichloropropane
 Concen: 0.273 ug/l
 RT: 6.70 min Scan# 1718
 Delta R.T. 0.27 min
 Lab File: VU029258.D
 Acq: 21 Jan 2019 18:56

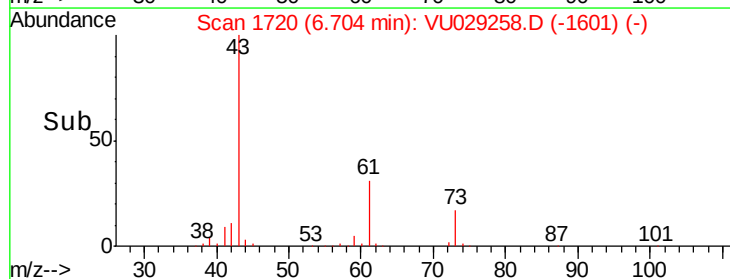
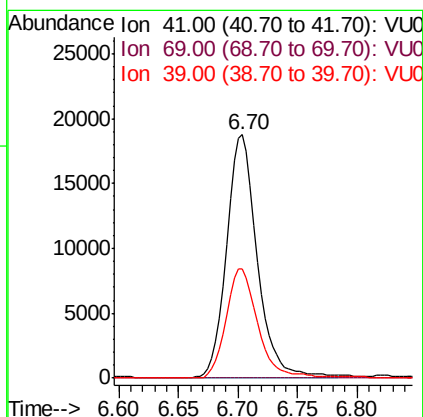
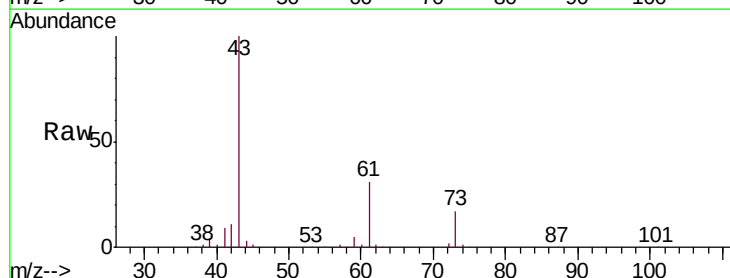
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-C

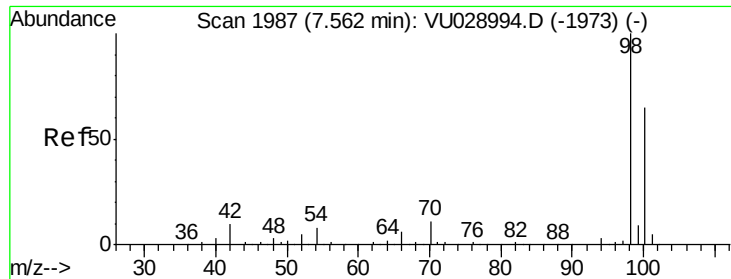
Tgt Ion: 63 Resp: 451
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.1 37.7#



#48
 Methyl methacrylate
 Concen: 20.416 ug/l
 RT: 6.70 min Scan# 1720
 Delta R.T. 0.08 min
 Lab File: VU029258.D
 Acq: 21 Jan 2019 18:56

Tgt Ion: 41 Resp: 33614
 Ion Ratio Lower Upper
 41 100
 69 0.0 73.6 110.4#
 39 46.2 39.6 59.4

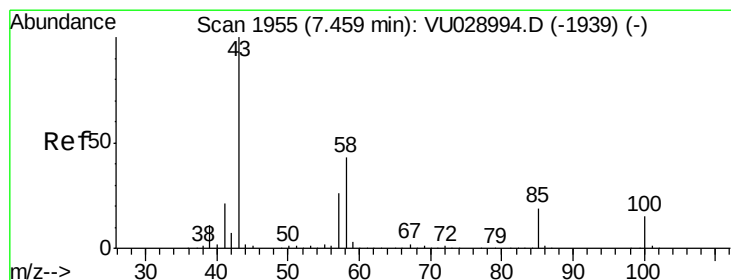
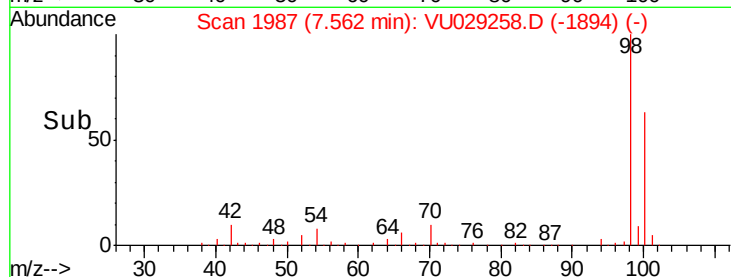
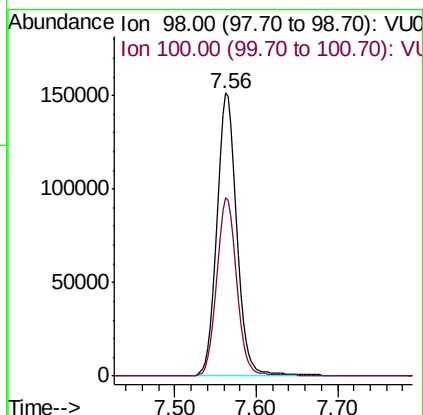
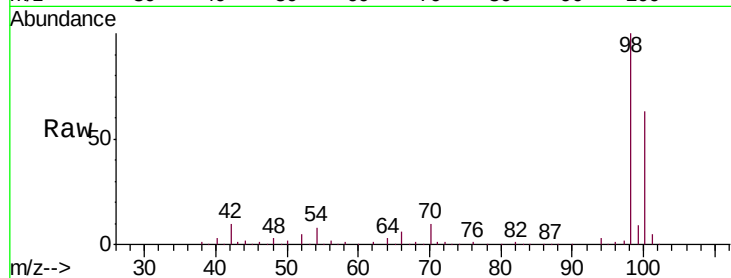




#50
Toluene-d8
Concen: 51.369 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

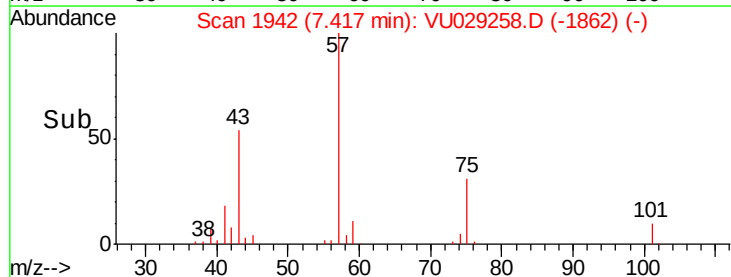
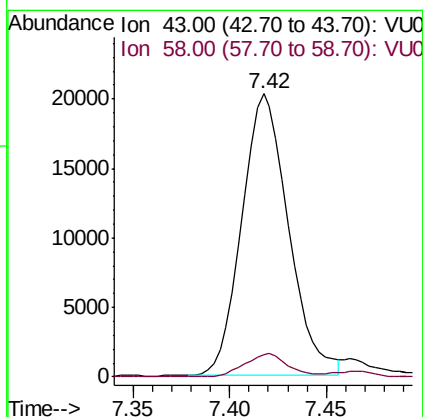
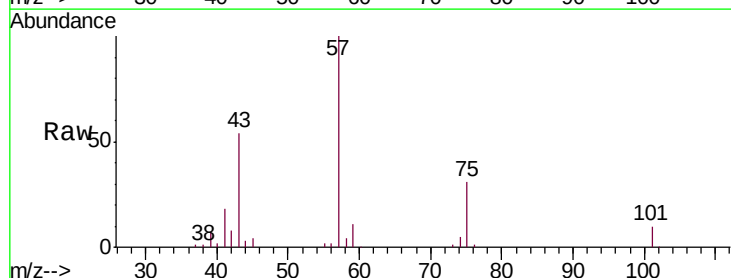
Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

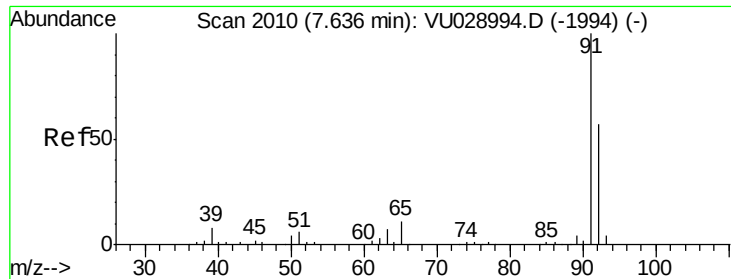
Tgt Ion: 98 Resp: 264107
Ion Ratio Lower Upper
98 100
100 63.1 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 14.847 ug/l
RT: 7.42 min Scan# 1942
Delta R.T. -0.04 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion: 43 Resp: 34165
Ion Ratio Lower Upper
43 100
58 7.7 33.9 50.9#





#52

Toluene

Concen: 0.240 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

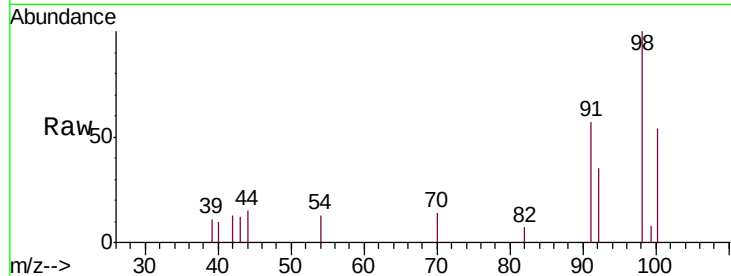
CL-01-011819-C

Tgt Ion: 92 Resp: 917

Ion Ratio Lower Upper

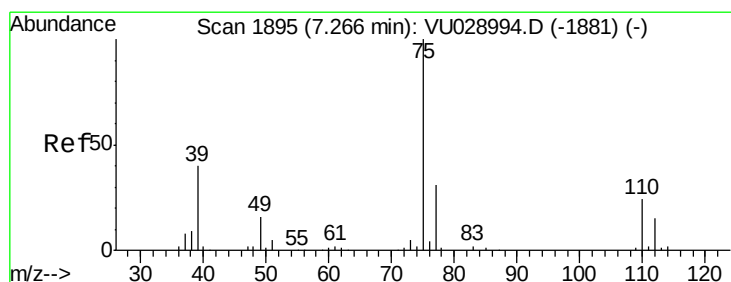
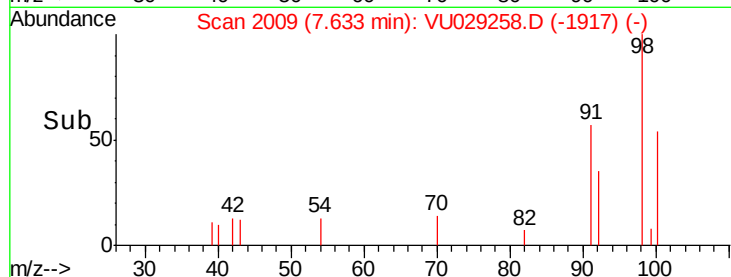
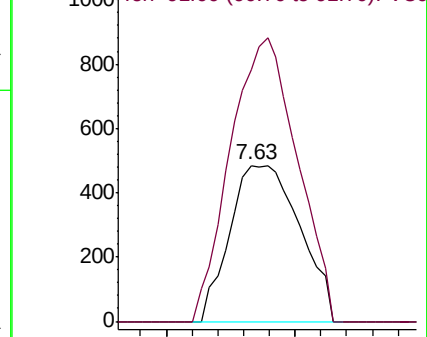
92 100

91 173.8 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#54

cis-1,3-Dichloropropene

Concen: 7.620 ug/l

RT: 7.42 min Scan# 1942

Delta R.T. 0.15 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

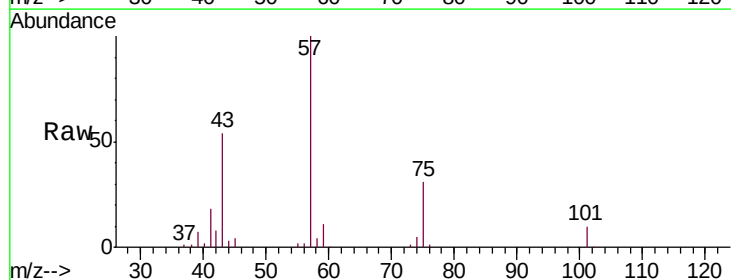
Tgt Ion: 75 Resp: 19258

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

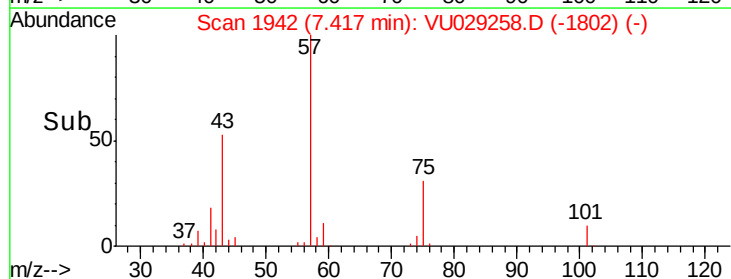
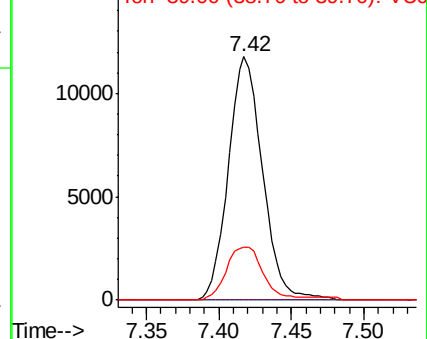
39 21.9 32.2 48.4#

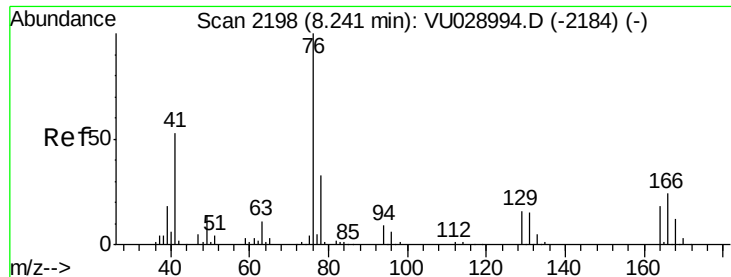


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 1.306 ug/l

RT: 8.41 min Scan# 2251

Delta R.T. 0.17 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

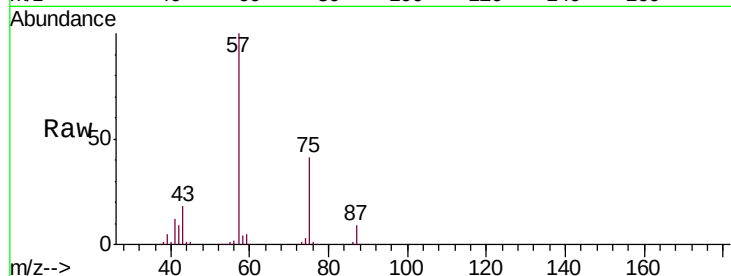
CL-01-011819-C

Tgt Ion: 76 Resp: 3413

Ion Ratio Lower Upper

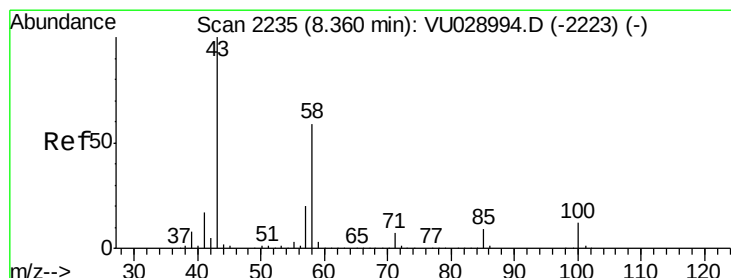
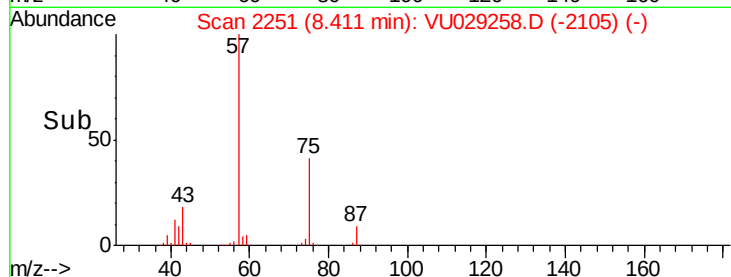
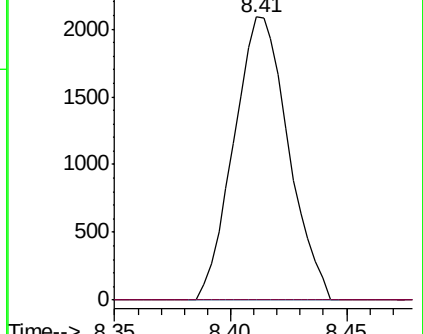
76 100

78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#59

2-Hexanone

Concen: 3.500 ug/l

RT: 8.31 min Scan# 2219

Delta R.T. -0.05 min

Lab File: VU029258.D

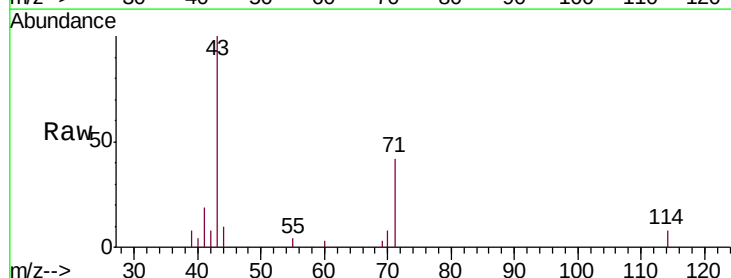
Acq: 21 Jan 2019 18:56

Tgt Ion: 43 Resp: 6323

Ion Ratio Lower Upper

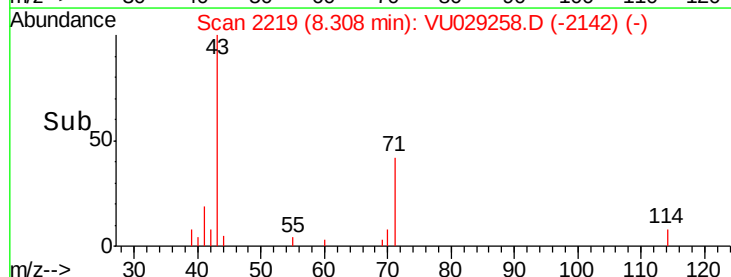
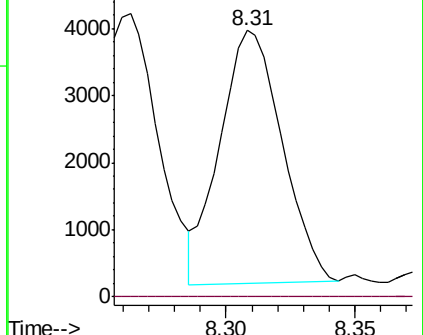
43 100

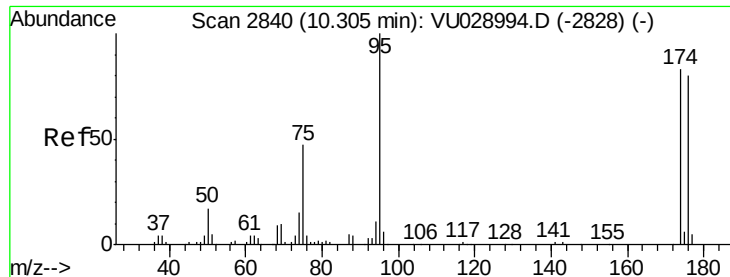
58 0.0 29.8 89.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 44.981 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-C

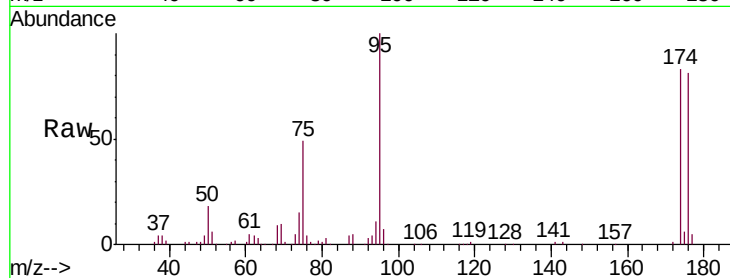
Tgt Ion: 95 Resp: 83112

Ion Ratio Lower Upper

95 100

174 83.4 0.0 170.6

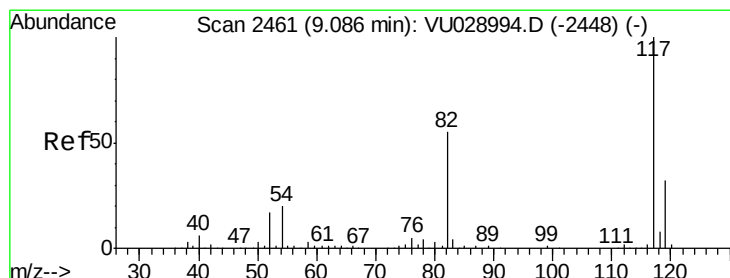
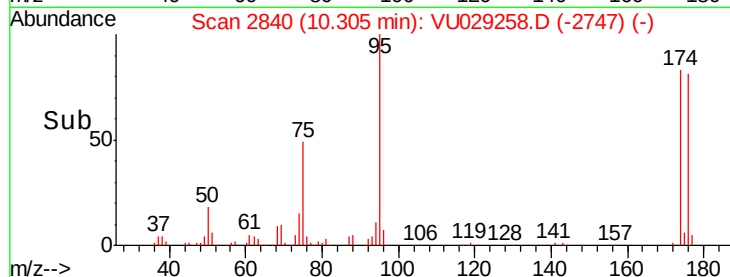
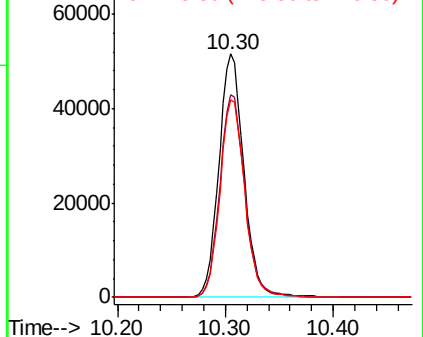
176 80.4 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

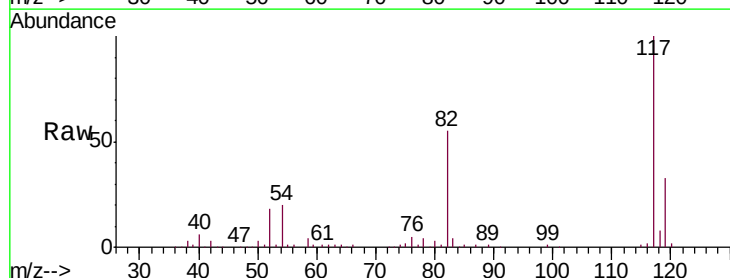
Tgt Ion: 117 Resp: 190758

Ion Ratio Lower Upper

117 100

82 55.4 43.9 65.9

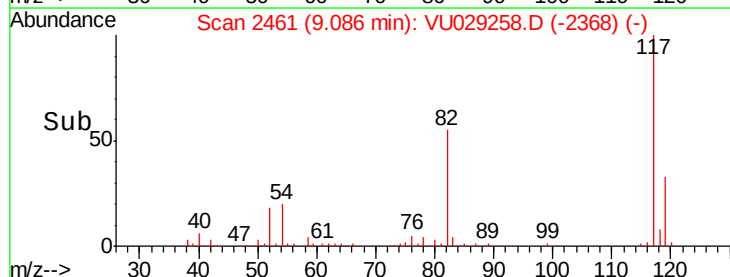
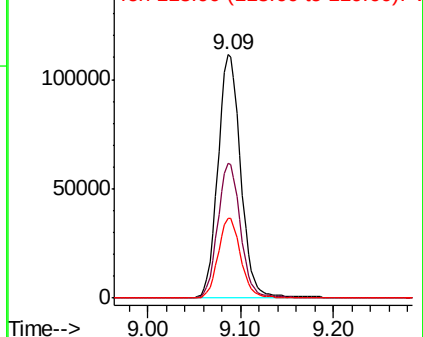
119 33.0 26.0 39.0

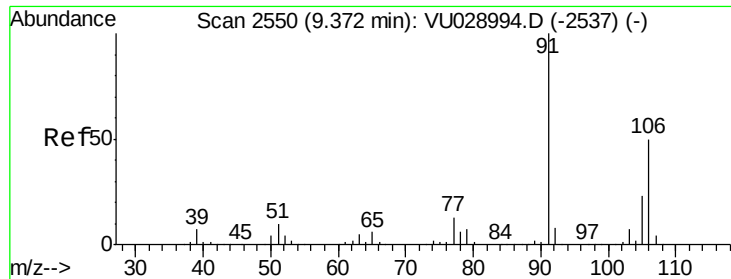


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

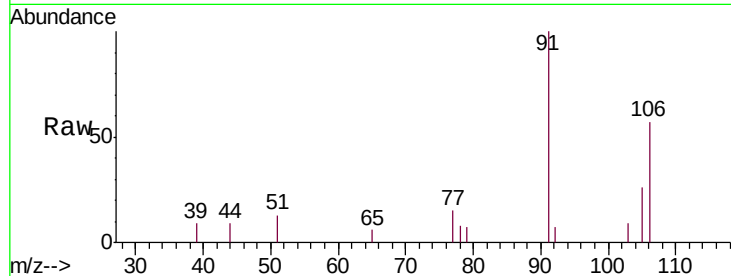




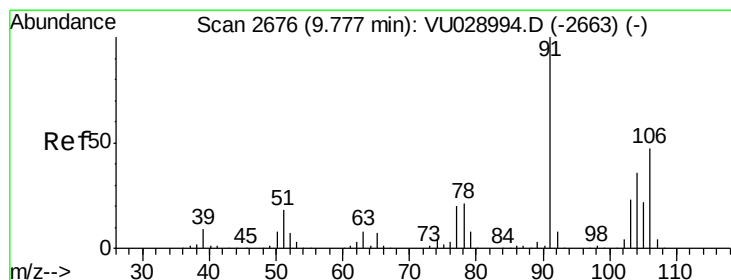
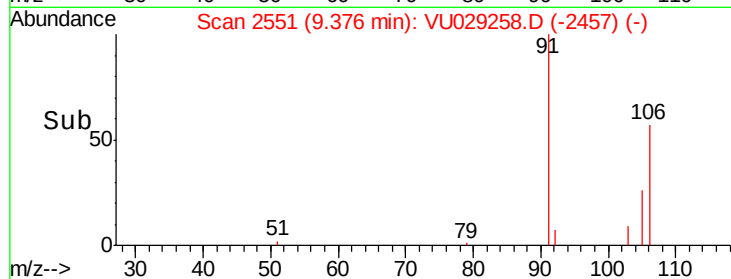
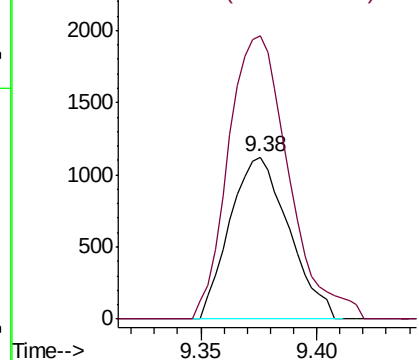
#68
m/p-Xylenes
Concen: 0.716 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-C

Tgt Ion:106 Resp: 1985
Ion Ratio Lower Upper
106 100
91 178.8 161.7 242.5

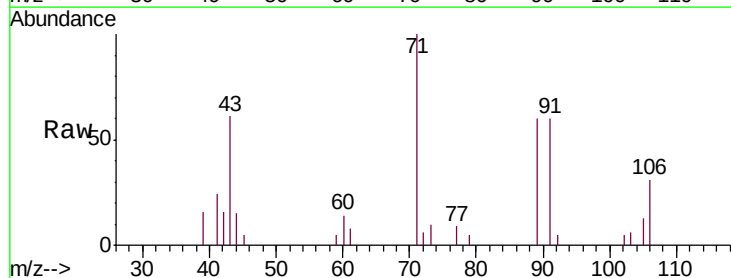


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

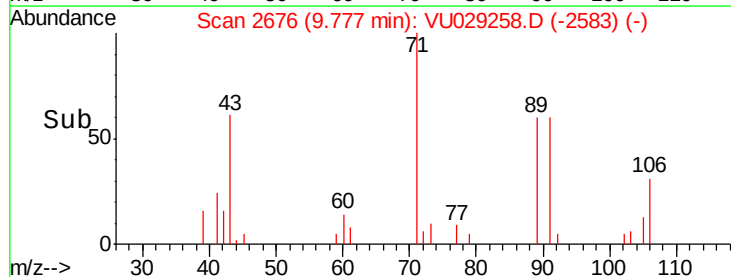
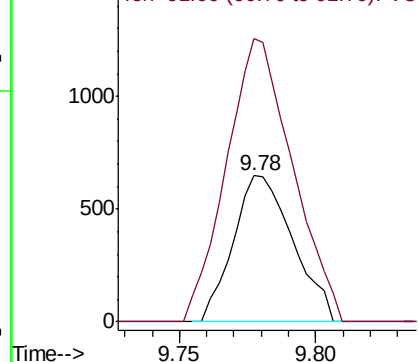


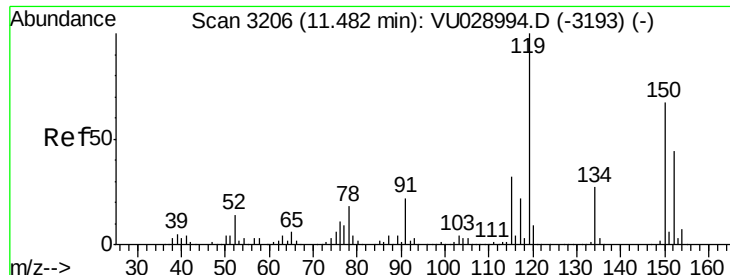
#69
o-Xylene
Concen: 0.369 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU029258.D
Acq: 21 Jan 2019 18:56

Tgt Ion:106 Resp: 987
Ion Ratio Lower Upper
106 100
91 213.9 106.1 318.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

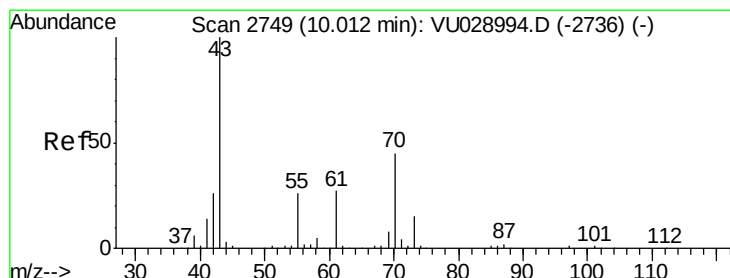
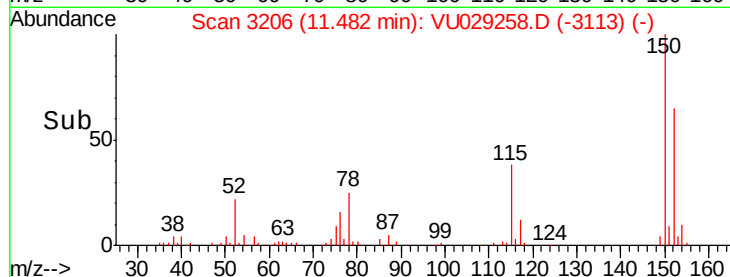
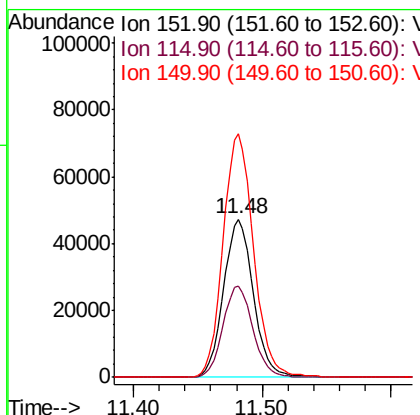
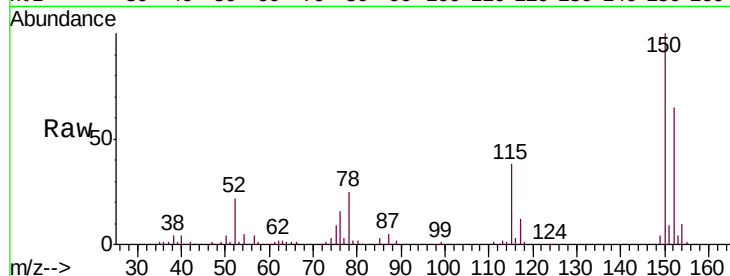




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU029258.D
 Acq: 21 Jan 2019 18:56

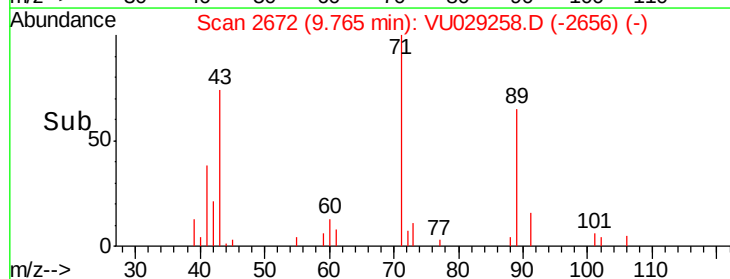
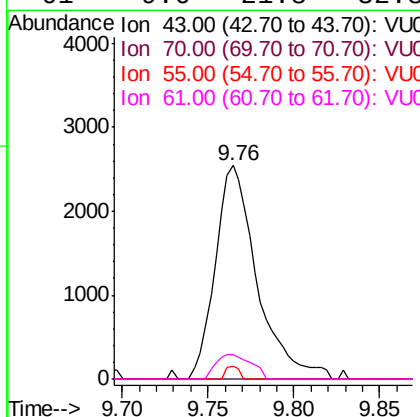
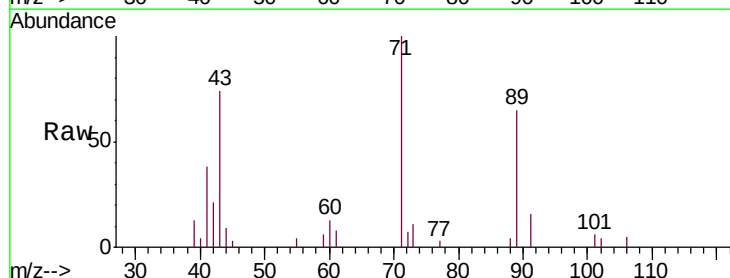
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-C

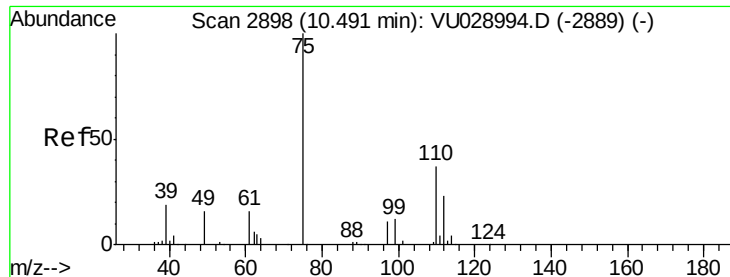
Tgt Ion:152 Resp: 75872
 Ion Ratio Lower Upper
 152 100
 115 58.0 40.1 120.3
 150 157.5 0.0 345.2



#74
 N-ethyl acetate
 Concen: 1.784 ug/l
 RT: 9.76 min Scan# 2672
 Delta R.T. -0.25 min
 Lab File: VU029258.D
 Acq: 21 Jan 2019 18:56

Tgt Ion: 43 Resp: 4318
 Ion Ratio Lower Upper
 43 100
 70 0.0 36.3 54.5#
 55 1.8 20.5 30.7#
 61 9.6 21.8 32.8#

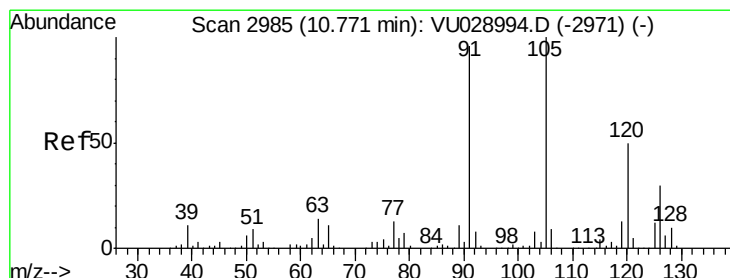
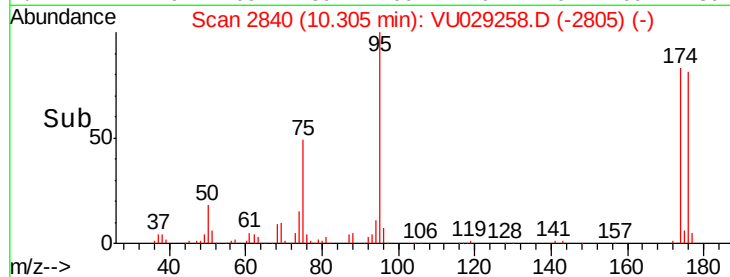
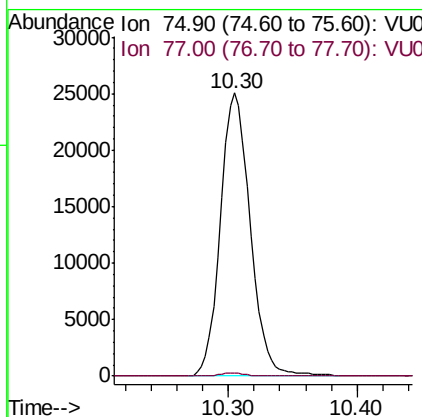
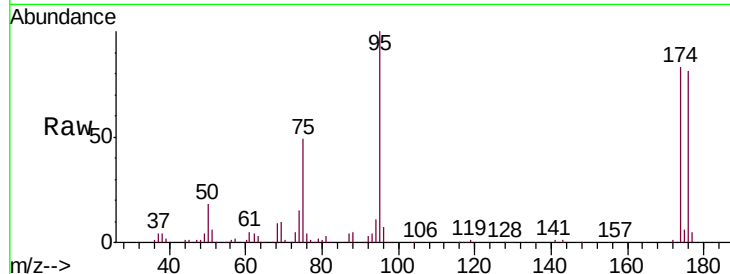




#76
 1,2,3-Trichloropropane
 Concen: 21.655 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU029258.D
 Acq: 21 Jan 2019 18:56

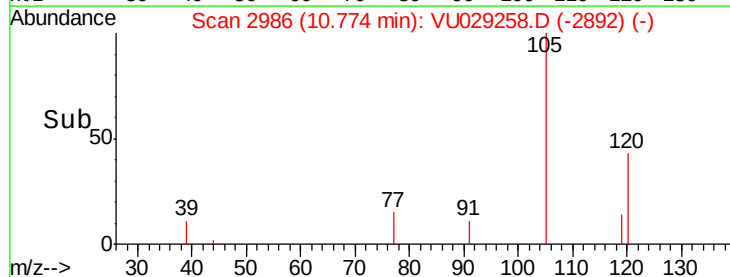
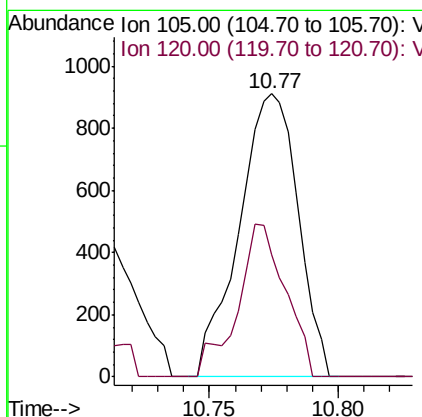
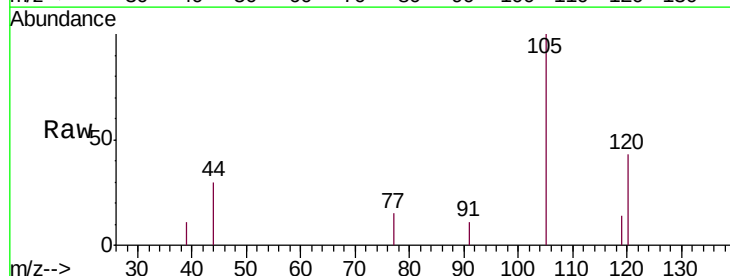
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-C

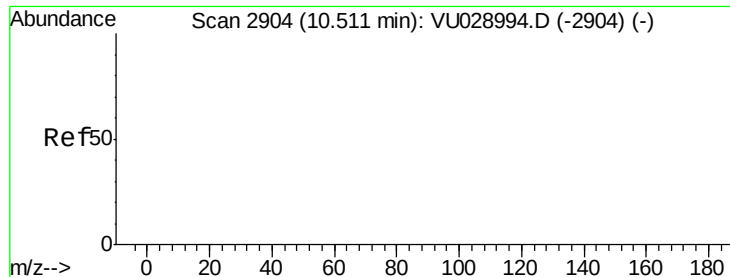
Tgt Ion: 75 Resp: 40256
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.9 62.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.311 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU029258.D
 Acq: 21 Jan 2019 18:56

Tgt Ion: 105 Resp: 1459
 Ion Ratio Lower Upper
 105 100
 120 43.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 55.849 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-C

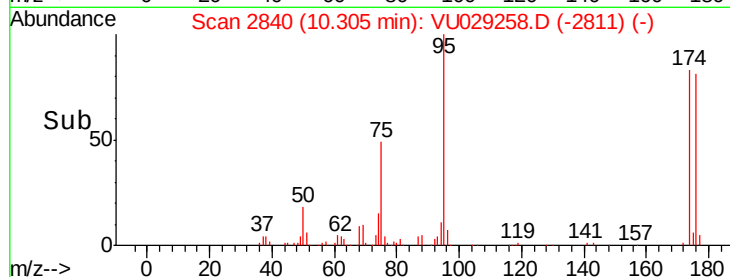
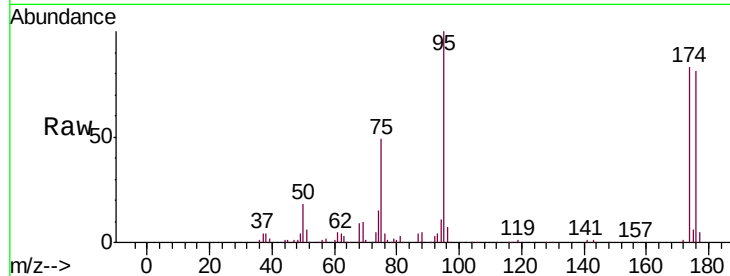
Tgt Ion: 75 Resp: 40256

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

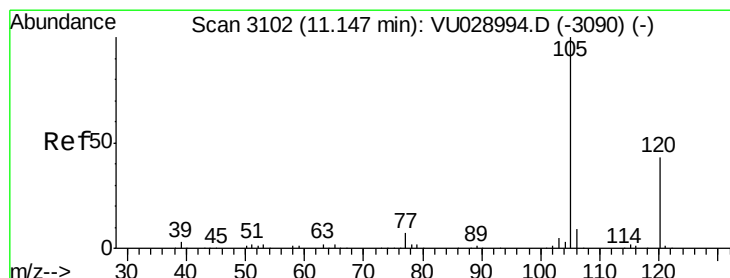
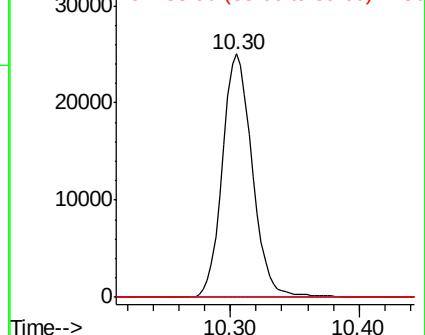
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#84

1,2,4-Trimethylbenzene

Concen: 1.214 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU029258.D

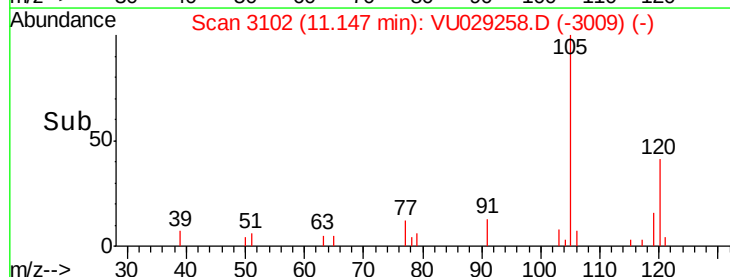
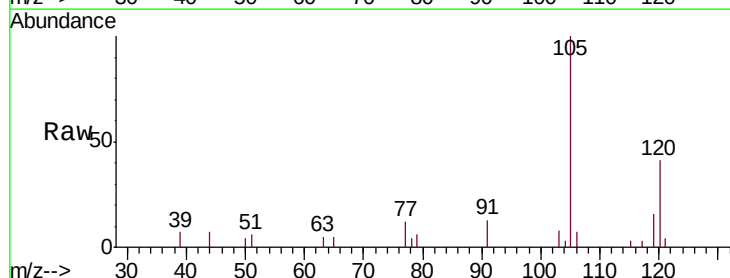
Acq: 21 Jan 2019 18:56

Tgt Ion: 105 Resp: 5683

Ion Ratio Lower Upper

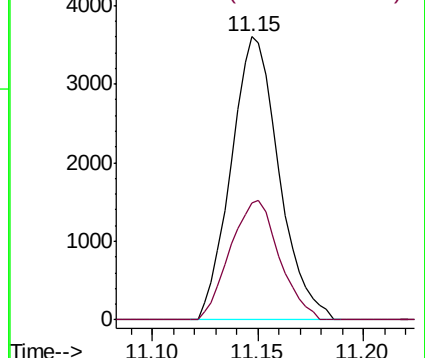
105 100

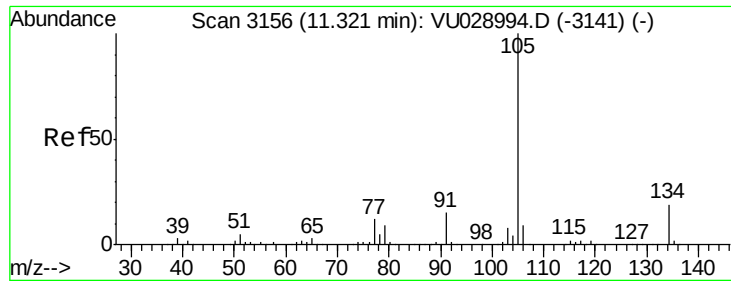
120 43.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.017 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.17 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

Instrument :

MSVOA_U

ClientSampleId :

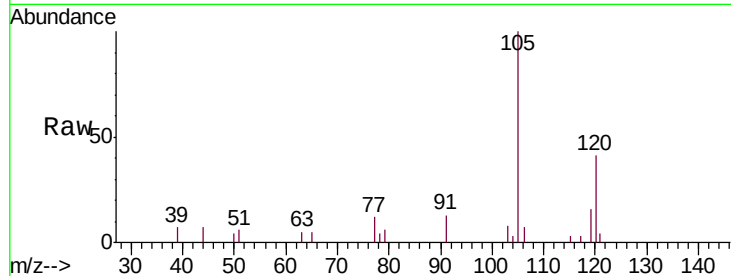
CL-01-011819-C

Tgt Ion:105 Resp: 5683

Ion Ratio Lower Upper

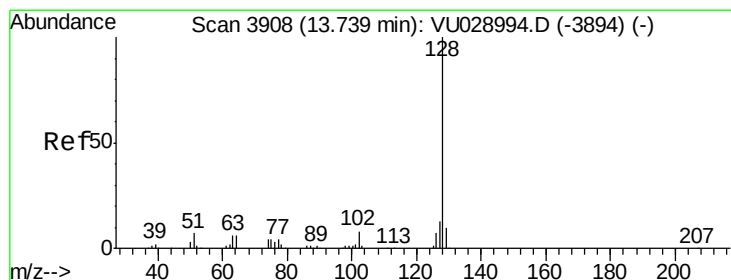
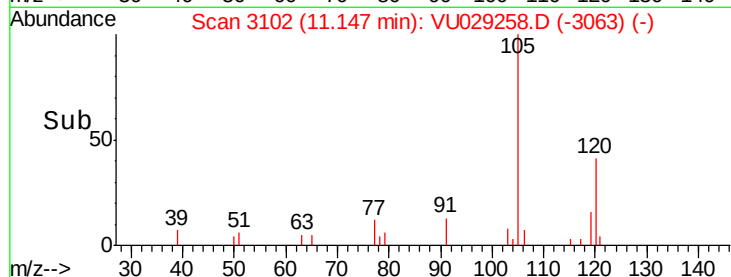
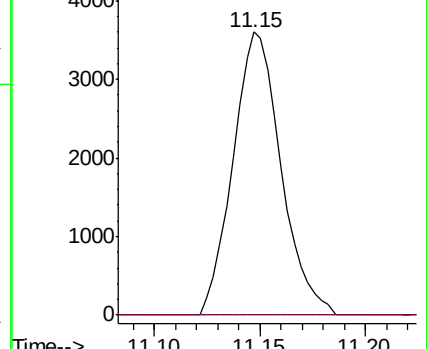
105 100

134 0.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 3.307 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.01 min

Lab File: VU029258.D

Acq: 21 Jan 2019 18:56

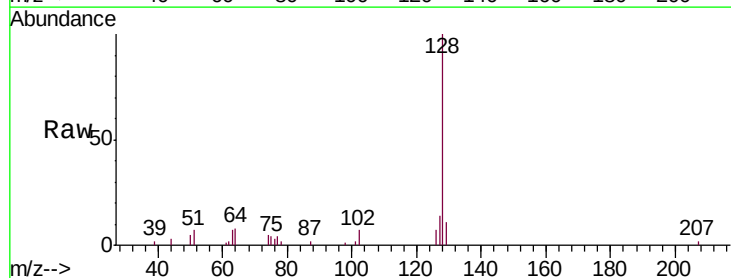
Tgt Ion:128 Resp: 19417

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 9.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

