

Data File : VU029259.D
Acq On : 21 Jan 2019 19:20
Operator : JC/SP
Sample : K1009-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jan 22 01:16:44 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	114234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	200017	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	188913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	77666	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	
35) Dibromofluoromethane	4.88	113	67255	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
50) Toluene-d8	7.56	98	261360	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	10.30	95	83909	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	

Target Compounds

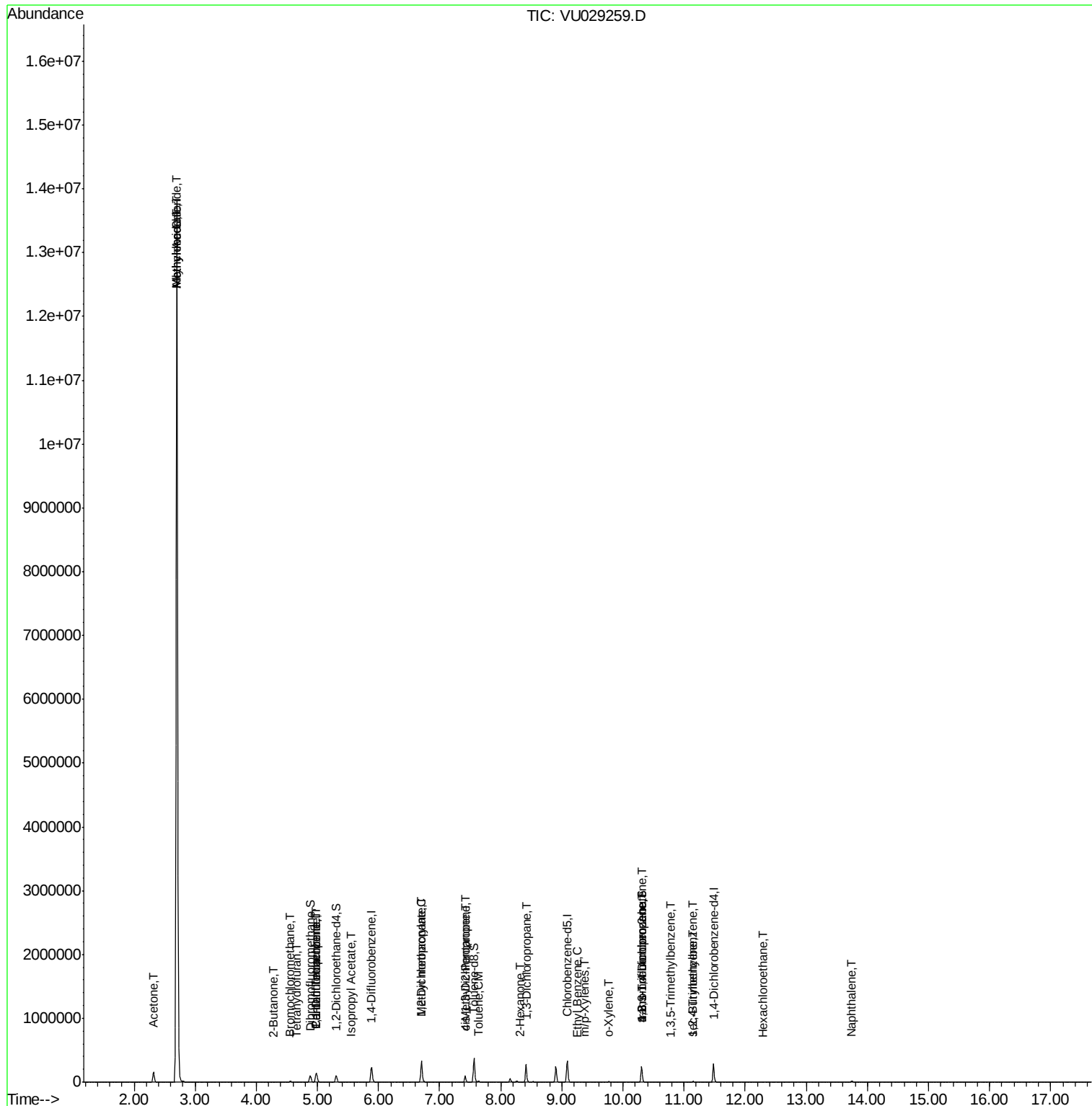
						Qvalue
3) Chloromethane	1.33	50	611	Below Cal	#	82
14) Allyl chloride	2.70	41	226544	104.214	ug/l #	30
16) Acetone	2.32	43	161427	181.460	ug/l	97
17) Carbon Disulfide	2.48	76	345	Below Cal	#	75
18) Methyl Acetate	2.70	43	26716	12.916	ug/l #	80
20) Methylene Chloride	2.70	84	5909538	3912.556	ug/l	97
25) 2-Butanone	4.28	43	391	0.325	ug/l #	47
28) Bromochloromethane	4.55	49	6885	6.483	ug/l #	95
29) Tetrahydrofuran	4.66	42	161	0.221	ug/l #	30
31) Cyclohexane	4.98	56	1977	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8355	4.179	ug/l #	46
38) Carbon Tetrachloride	4.98	117	10097	6.055	ug/l #	18
43) Isopropyl Acetate	5.55	43	6457	1.918	ug/l #	84
45) 1,2-Dichloropropane	6.70	63	387	0.235	ug/l #	43
48) Methyl methacrylate	6.70	41	28740	17.533	ug/l #	36
51) 4-Methyl-2-Pentanone	7.42	43	32811	14.322	ug/l #	45
52) Toluene	7.64	92	8381	2.208	ug/l	95
54) cis-1,3-Dichloropropene	7.42	75	17178	6.827	ug/l #	61
57) 1,3-Dichloropropane	8.41	76	2603	1.000	ug/l #	42
59) 2-Hexanone	8.31	43	5959	3.314	ug/l #	21
67) Ethyl Benzene	9.25	91	1423	0.201	ug/l	100
68) m/p-Xylenes	9.37	106	2393	0.871	ug/l	93
69) o-Xylene	9.78	106	969	0.366	ug/l	81
76) 1,2,3-Trichloropropane	10.30	75	39401	21.132	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.77	105	2028	0.431	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.30	75	39401	54.500	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	6687	1.424	ug/l	95
85) sec-Butylbenzene	11.15	105	6687	1.193	ug/l #	57
90) Hexachloroethane	12.29	117	189	0.235	ug/l #	7
95) Naphthalene	13.75	128	18096	3.073	ug/l	99

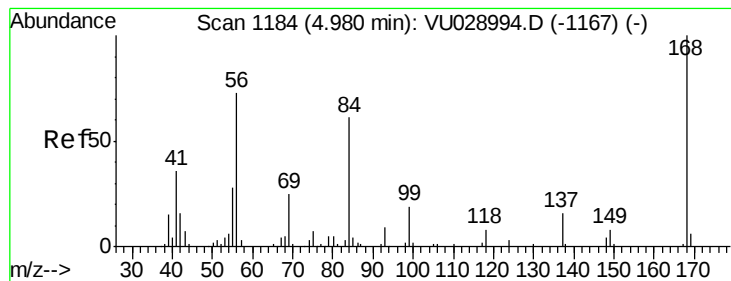
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029259.D

Acq: 21 Jan 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

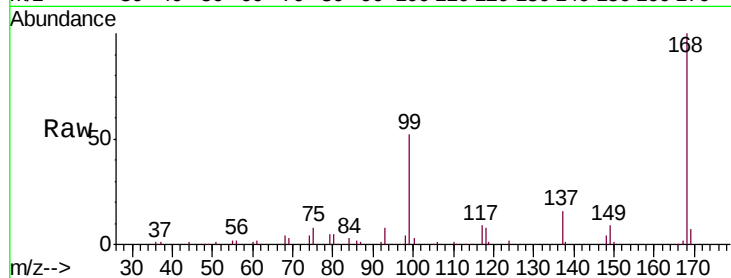
CL-01-011819-D

Tgt Ion:168 Resp: 114234

Ion Ratio Lower Upper

168 100

99 51.8 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

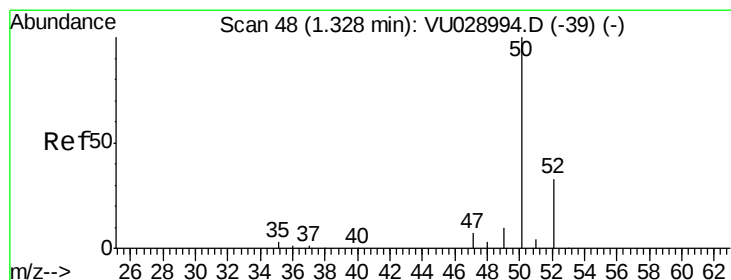
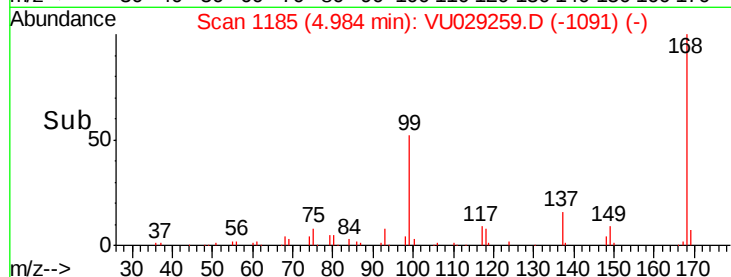
20000

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: VU029259.D

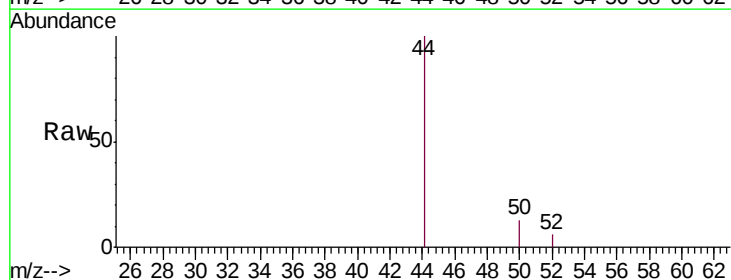
Acq: 21 Jan 2019 19:20

Tgt Ion: 50 Resp: 611

Ion Ratio Lower Upper

50 100

52 42.8 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

500

400

300

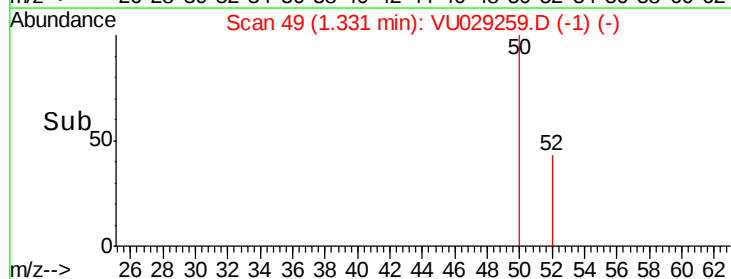
200

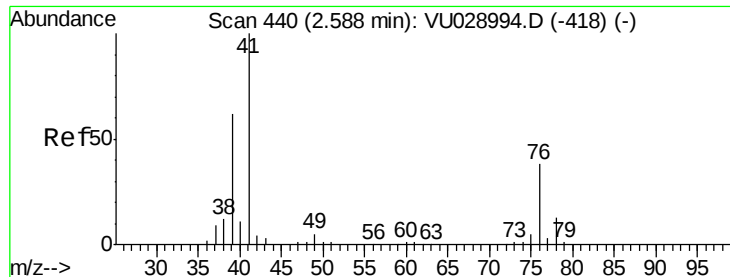
100

0

1.30 1.32 1.34 1.36

Time-->





#14

Allyl chloride

Concen: 104.214 ug/l

RT: 2.70 min Scan# 474

Delta R.T. 0.11 min

Lab File: VU029259.D

Acq: 21 Jan 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-D

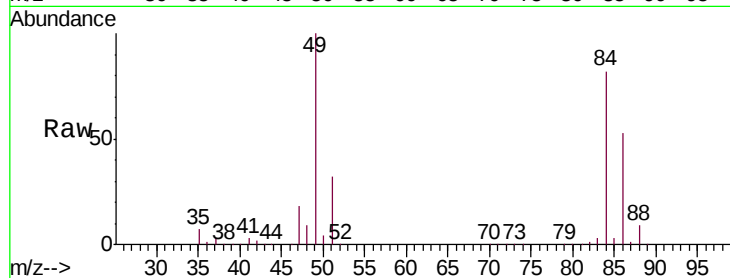
Tgt Ion: 41 Resp: 226544

Ion Ratio Lower Upper

41 100

39 0.6 45.0 67.6#

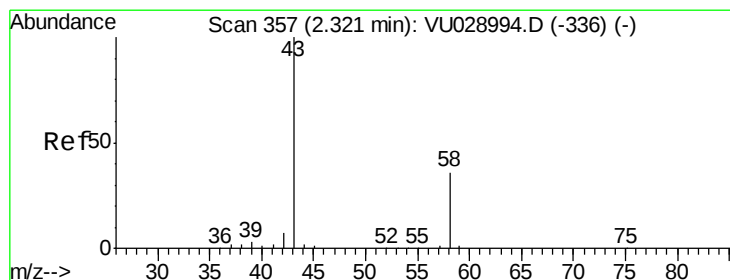
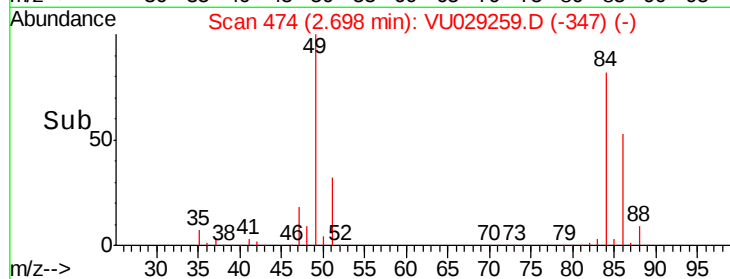
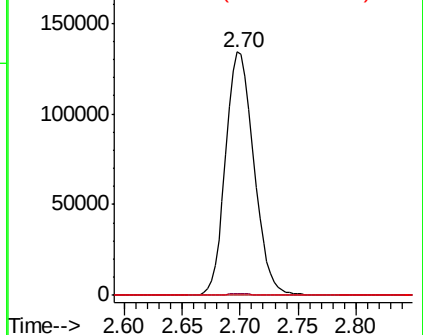
76 0.0 28.1 42.1#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0



#16

Acetone

Concen: 181.460 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU029259.D

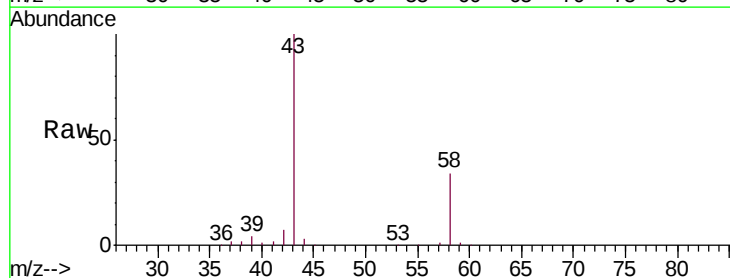
Acq: 21 Jan 2019 19:20

Tgt Ion: 43 Resp: 161427

Ion Ratio Lower Upper

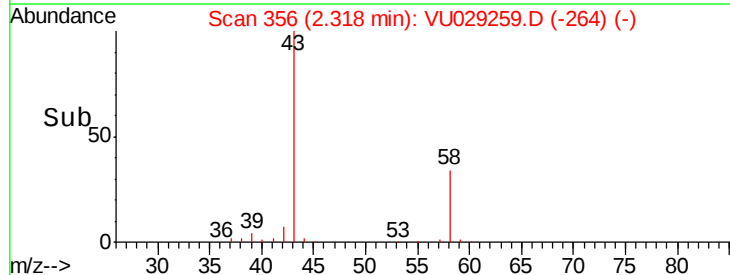
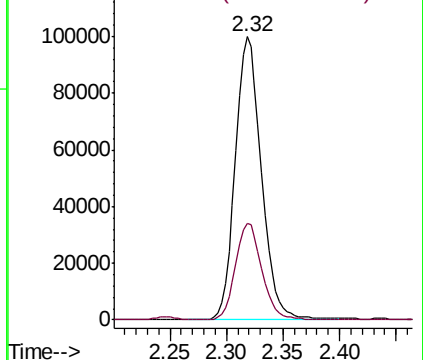
43 100

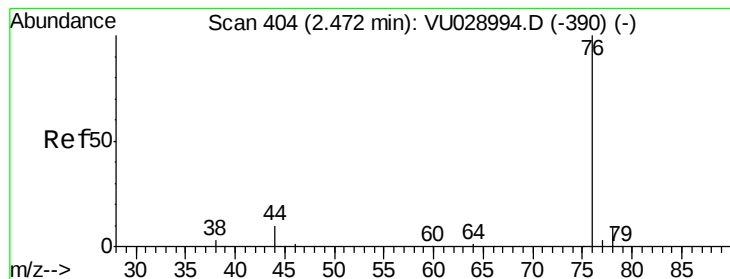
58 33.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU029259.D

Acq: 21 Jan 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

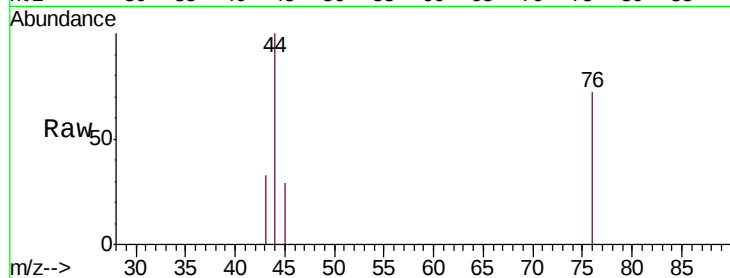
CL-01-011819-D

Tgt Ion: 76 Resp: 345

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



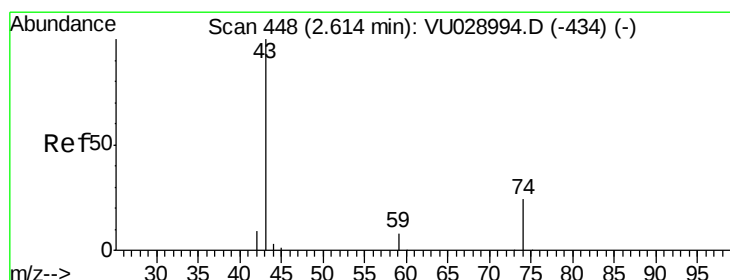
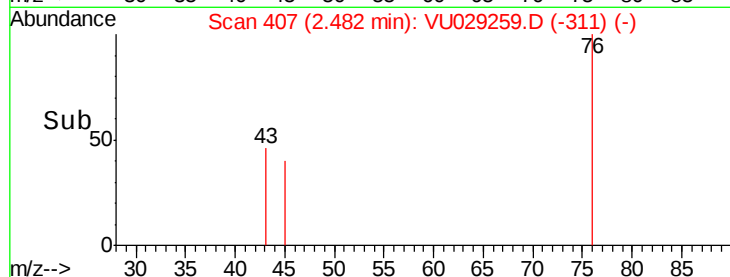
Abundance Ion 75.90 (75.60 to 76.60): VU028994.D (-390) (-)

Ion 77.90 (77.60 to 78.60): VU028994.D (-390) (-)

2.48

2.46 2.48 2.50

Time-->



#18

Methyl Acetate

Concen: 12.916 ug/l

RT: 2.70 min Scan# 474

Delta R.T. 0.08 min

Lab File: VU029259.D

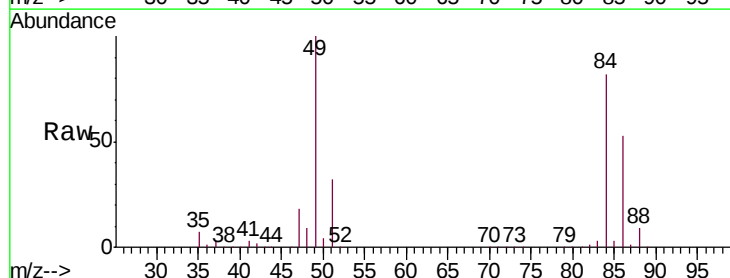
Acq: 21 Jan 2019 19:20

Tgt Ion: 43 Resp: 26716

Ion Ratio Lower Upper

43 100

74 14.4 19.5 29.3#



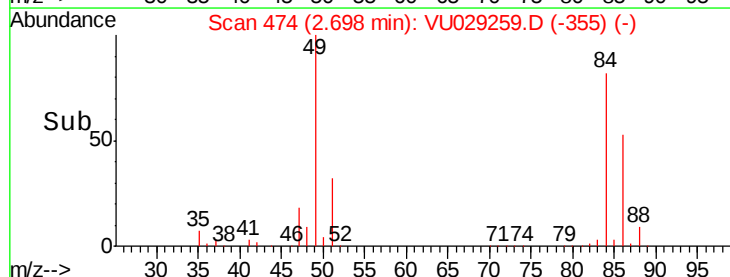
Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-434) (-)

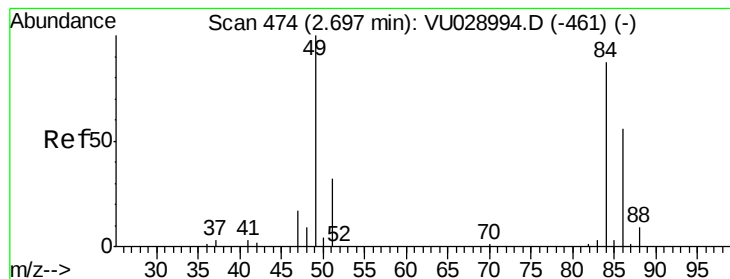
Ion 74.00 (73.70 to 74.70): VU028994.D (-434) (-)

2.70

2.65 2.70 2.75

Time-->





#20

Methylene Chloride

Concen: 3912.556 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029259.D

Acq: 21 Jan 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-D

Tgt Ion: 84 Resp: 5909538

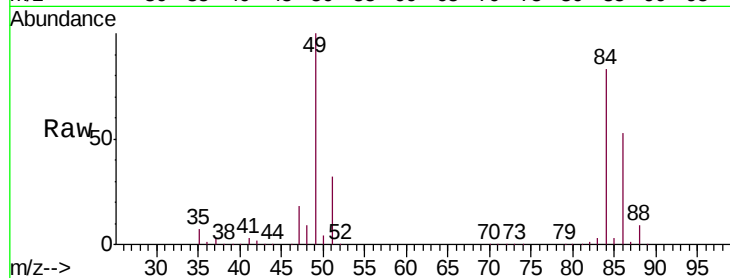
Ion Ratio Lower Upper

84 100

49 120.5 91.9 137.9

51 38.3 29.2 43.8

86 64.3 51.8 77.6

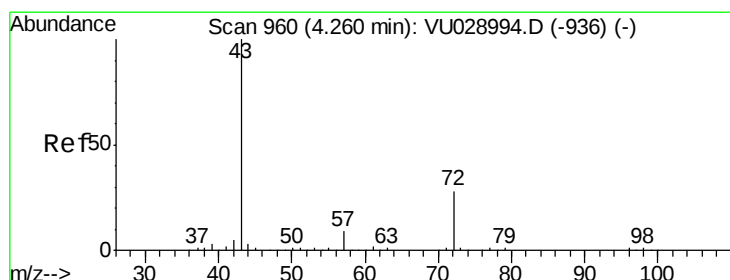
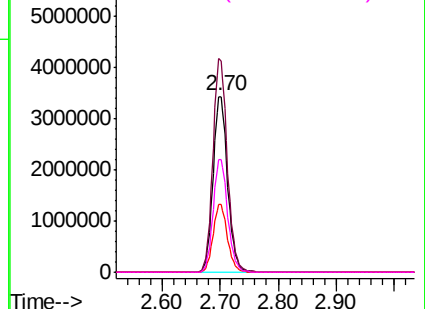
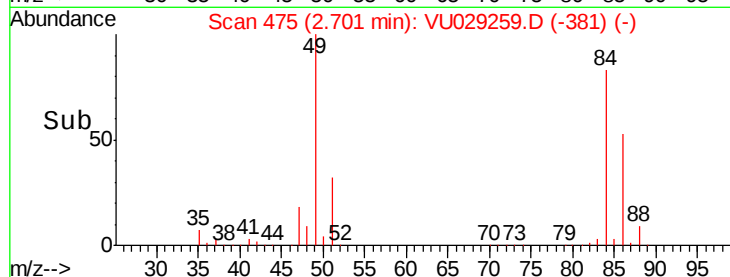


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#25

2-Butanone

Concen: 0.325 ug/l

RT: 4.28 min Scan# 966

Delta R.T. 0.02 min

Lab File: VU029259.D

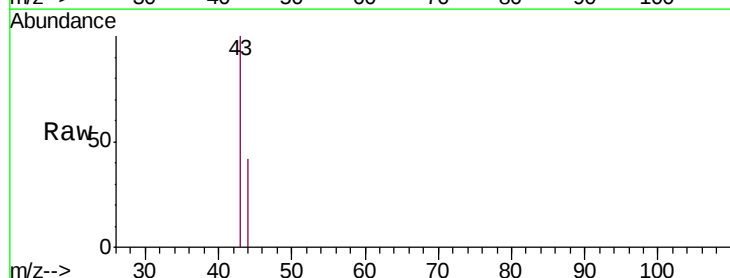
Acq: 21 Jan 2019 19:20

Tgt Ion: 43 Resp: 391

Ion Ratio Lower Upper

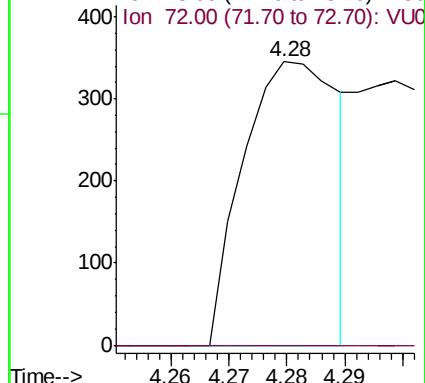
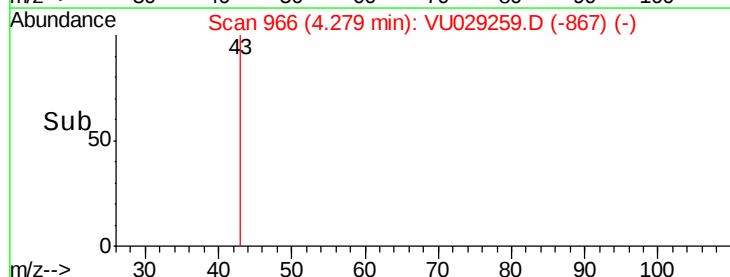
43 100

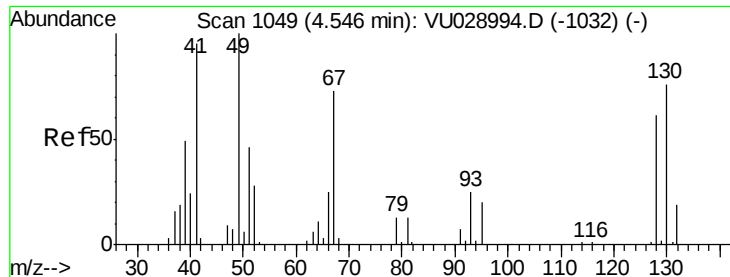
72 0.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#28

Bromochloromethane

Concen: 6.483 ug/l

RT: 4.55 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VU029259.D

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Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-D

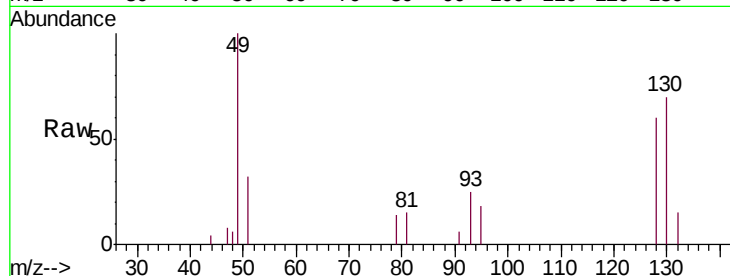
Tgt Ion: 49 Resp: 6885

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

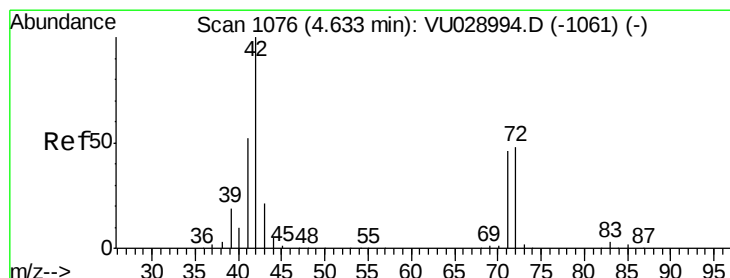
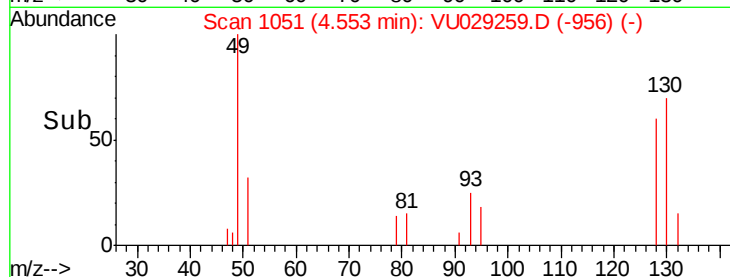
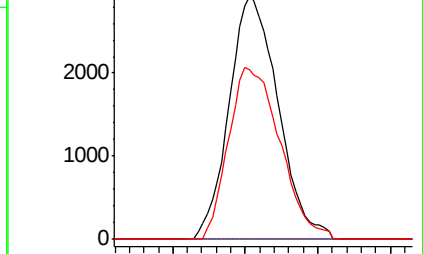
130 74.0 62.9 94.3



Abundance Ion 48.90 (48.60 to 49.60): VU028994.D (-1032) (-)

Ion 128.80 (128.50 to 129.50): VU028994.D (-1032) (-)

Ion 129.80 (129.50 to 130.50): VU028994.D (-1032) (-)



#29

Tetrahydrofuran

Concen: 0.221 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VU029259.D

Acq: 21 Jan 2019 19:20

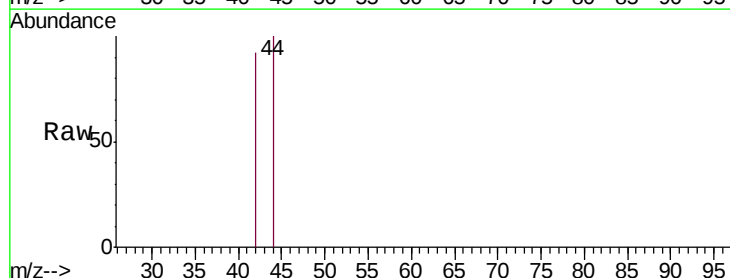
Tgt Ion: 42 Resp: 161

Ion Ratio Lower Upper

42 100

72 0.0 38.3 57.5#

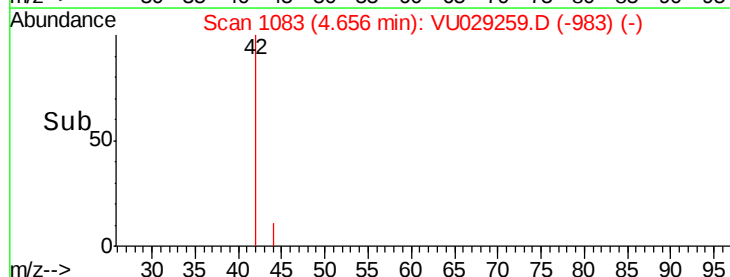
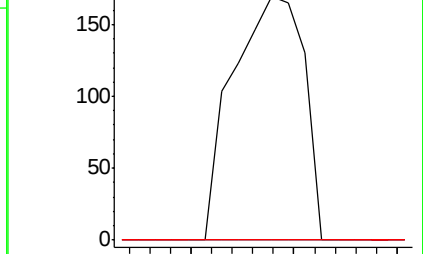
71 0.0 36.1 54.1#

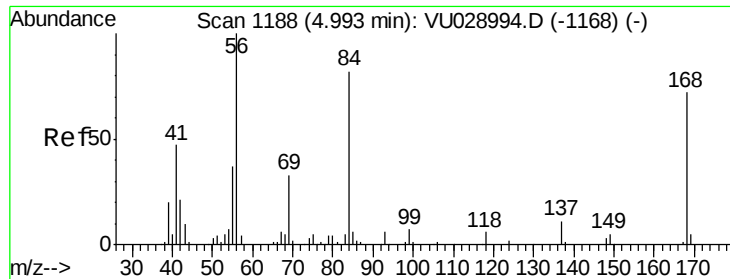


Abundance Ion 42.00 (41.70 to 42.70): VU028994.D (-1061) (-)

Ion 72.00 (71.70 to 72.70): VU028994.D (-1061) (-)

Ion 71.00 (70.70 to 71.70): VU028994.D (-1061) (-)

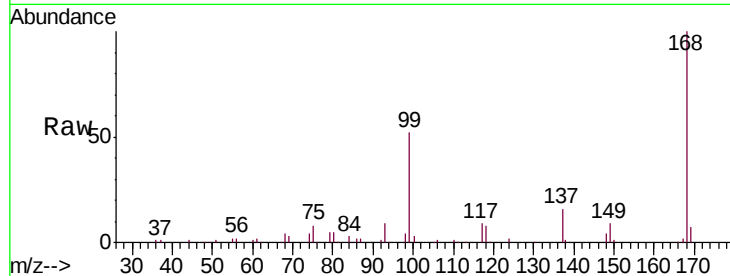




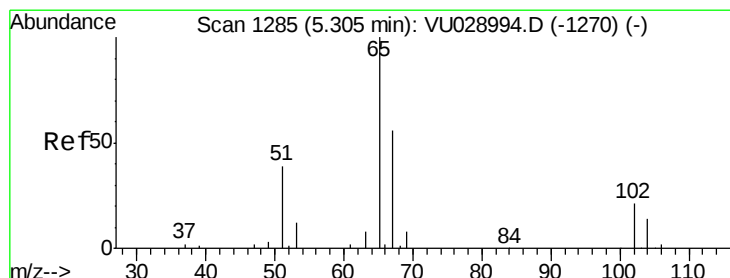
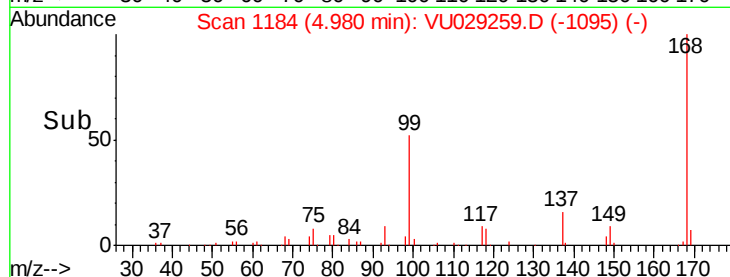
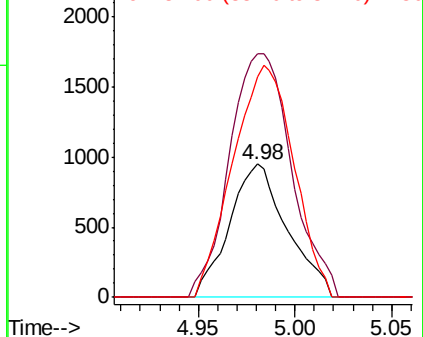
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion: 56 Resp: 1977
Ion Ratio Lower Upper
56 100
69 182.8 26.7 40.1#
84 165.4 65.7 98.5#

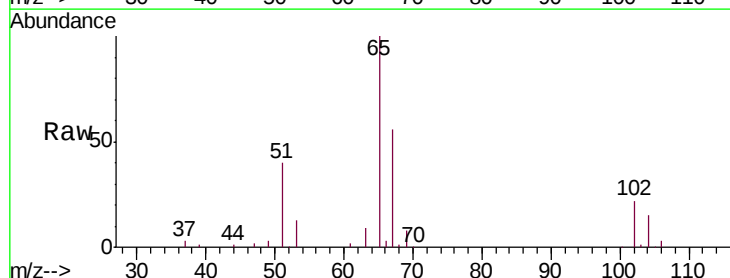


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

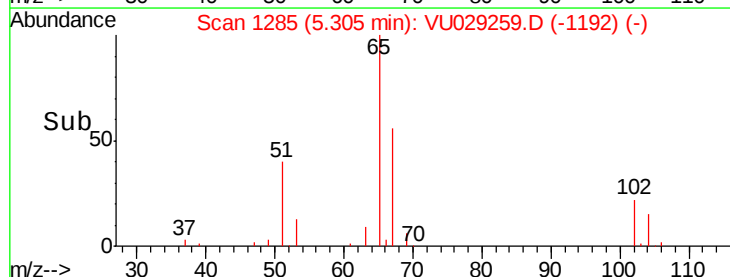
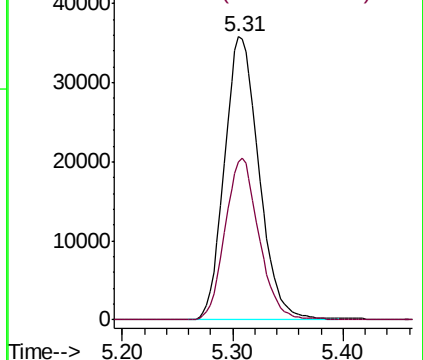


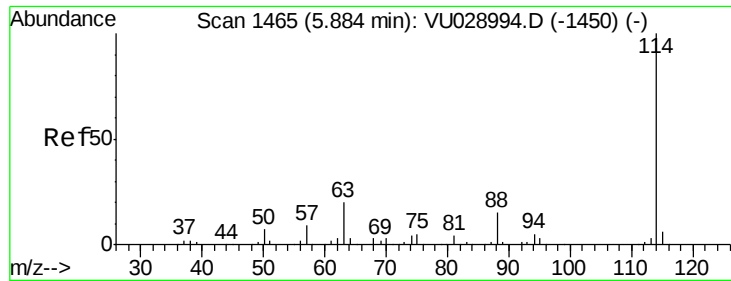
#33
1,2-Dichloroethane-d4
Concen: 54.998 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 65 Resp: 77666
Ion Ratio Lower Upper
65 100
67 55.9 0.0 111.0



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

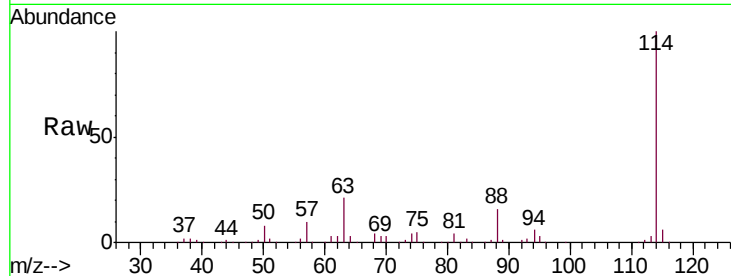




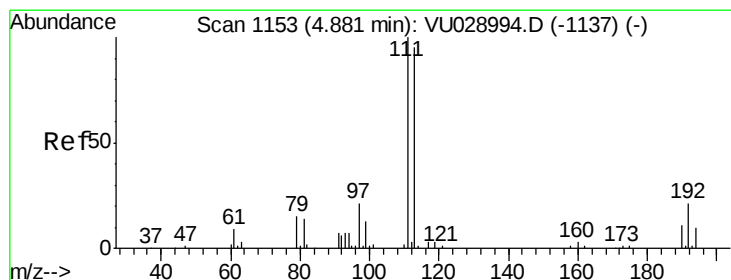
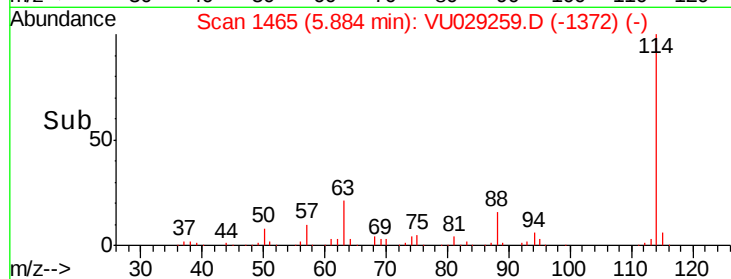
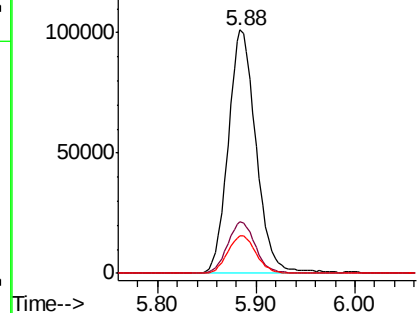
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029259.D
 Acq: 21 Jan 2019 19:20

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

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.2
88	15.5	0.0	30.4

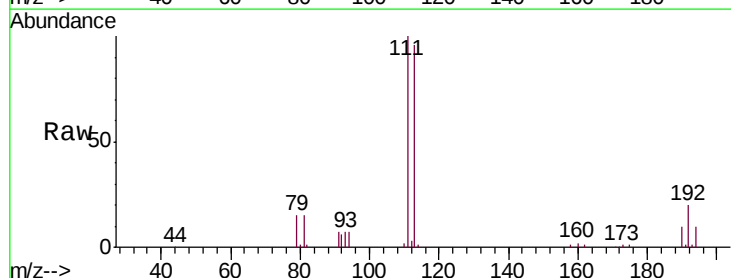


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

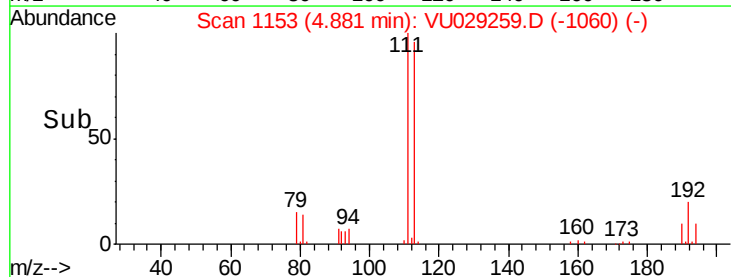
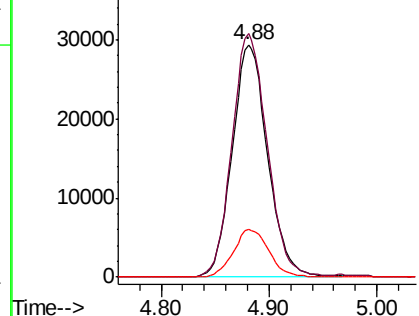


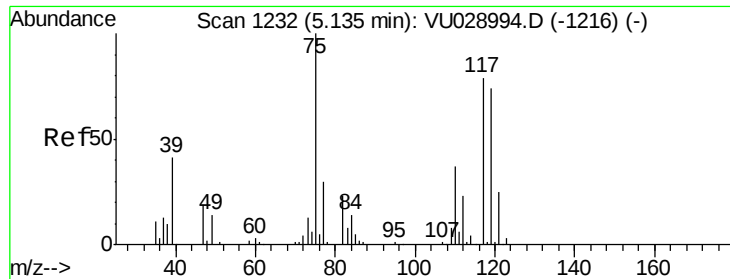
#35
 Dibromofluoromethane
 Concen: 51.872 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029259.D
 Acq: 21 Jan 2019 19:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.4	122.2
192	20.5	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

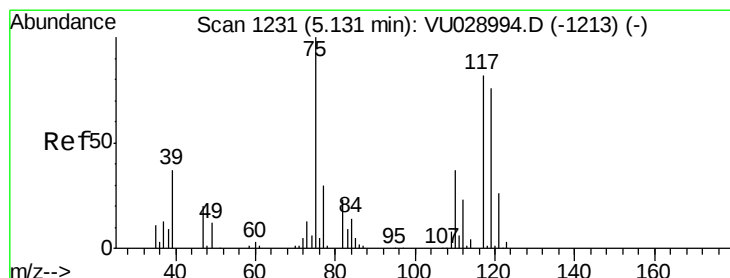
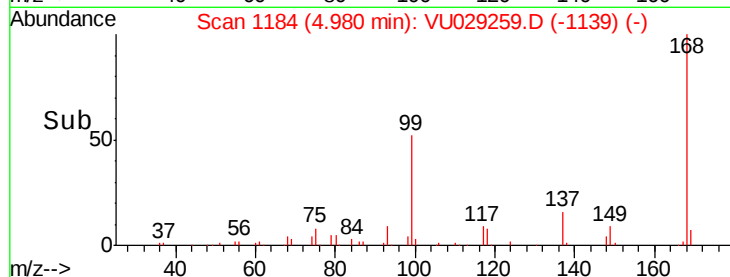
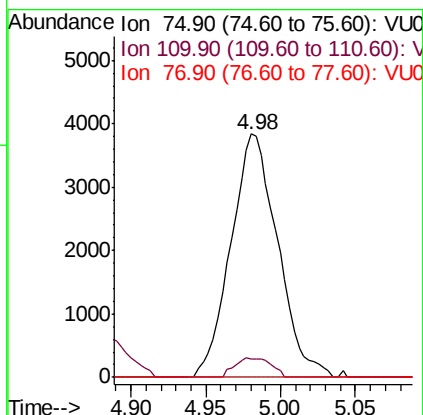
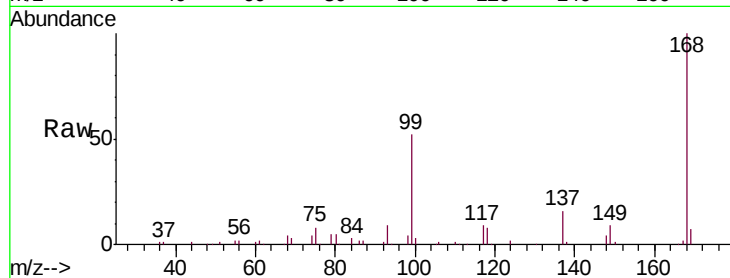




#36
 1,1-Dichloropropene
 Concen: 4.179 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029259.D
 Acq: 21 Jan 2019 19:20

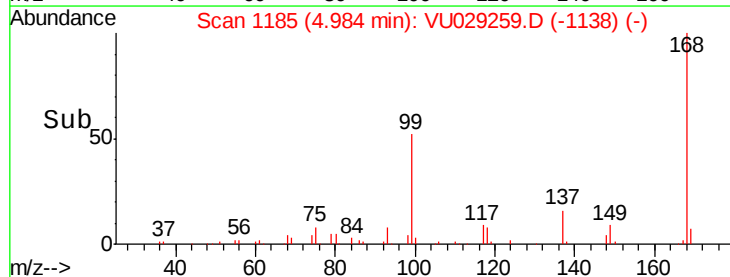
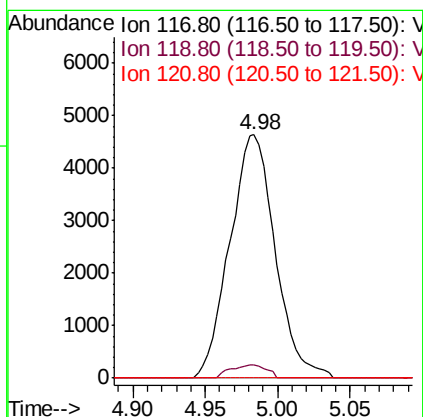
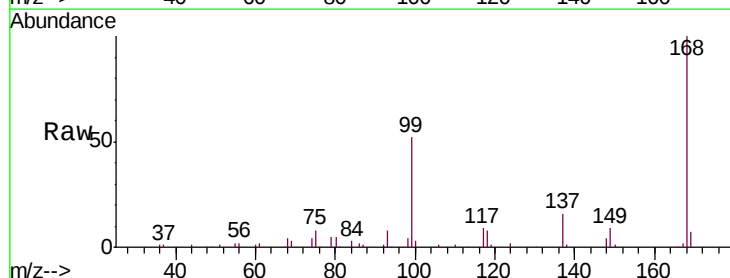
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-D

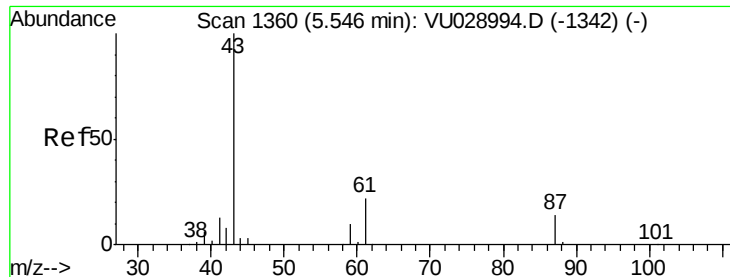
Tgt Ion: 75 Resp: 8355
 Ion Ratio Lower Upper
 75 100
 110 6.2 18.4 55.4#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.055 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU029259.D
 Acq: 21 Jan 2019 19:20

Tgt Ion: 117 Resp: 10097
 Ion Ratio Lower Upper
 117 100
 119 5.6 74.6 111.8#
 121 0.0 25.0 37.6#





#43

Isopropyl Acetate

Concen: 1.918 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029259.D

Acq: 21 Jan 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-D

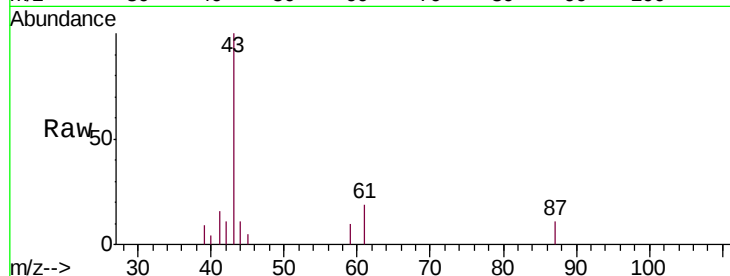
Tgt Ion: 43 Resp: 6457

Ion Ratio Lower Upper

43 100

61 16.7 17.8 26.6#

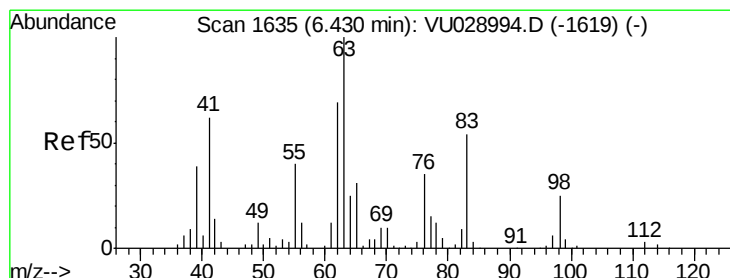
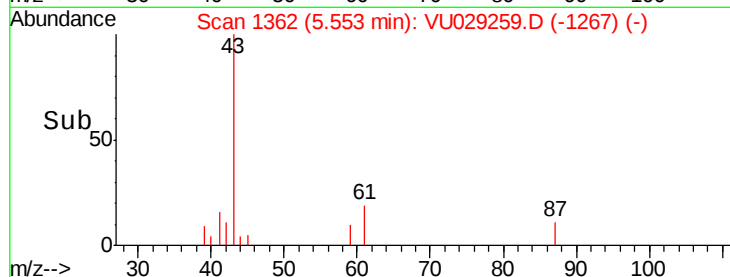
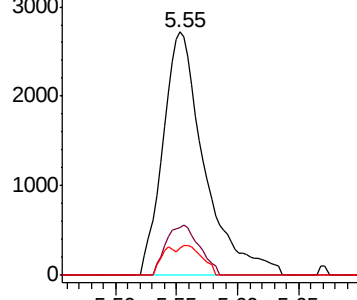
87 4.3 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028994.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028994.D (-1342) (-)



#45

1,2-Dichloropropane

Concen: 0.235 ug/l

RT: 6.70 min Scan# 1719

Delta R.T. 0.27 min

Lab File: VU029259.D

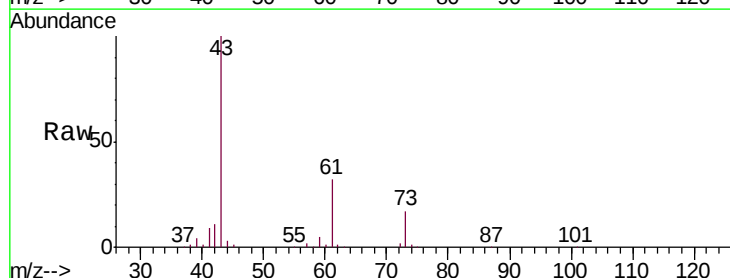
Acq: 21 Jan 2019 19:20

Tgt Ion: 63 Resp: 387

Ion Ratio Lower Upper

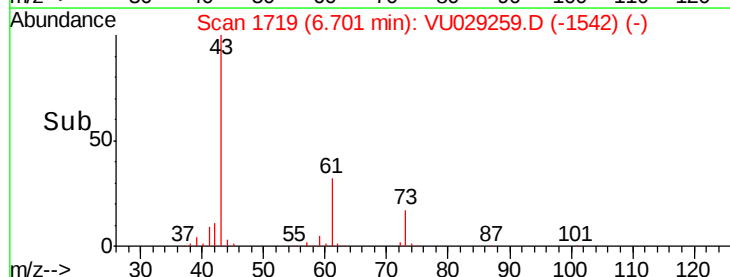
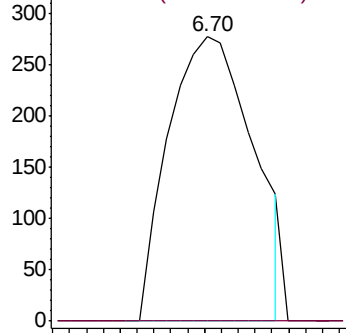
63 100

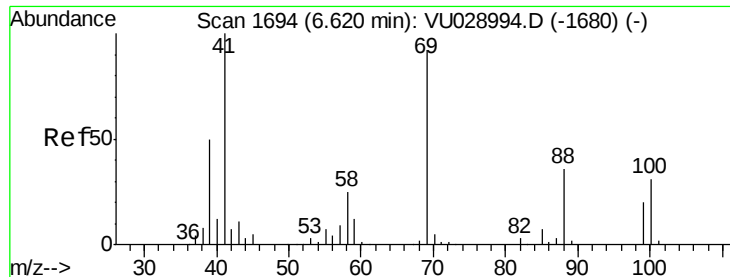
65 0.0 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VU028994.D (-1619) (-)

Ion 64.90 (64.60 to 65.60): VU028994.D (-1619) (-)





#48

Methyl methacrylate

Concen: 17.533 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.08 min

Lab File: VU029259.D

Acq: 21 Jan 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-D

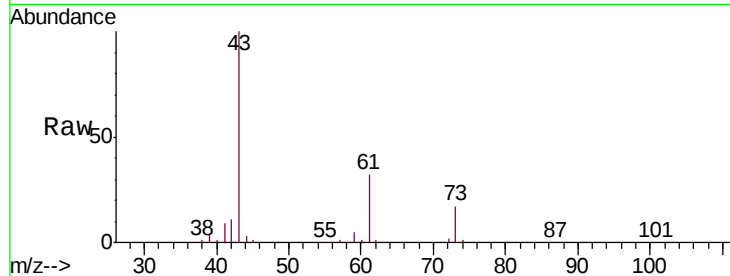
Tgt Ion: 41 Resp: 28740

Ion Ratio Lower Upper

41 100

69 0.0 73.6 110.4#

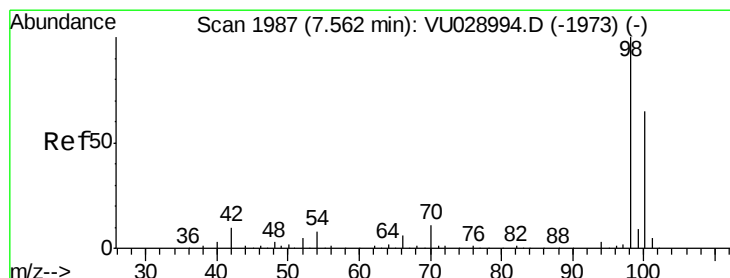
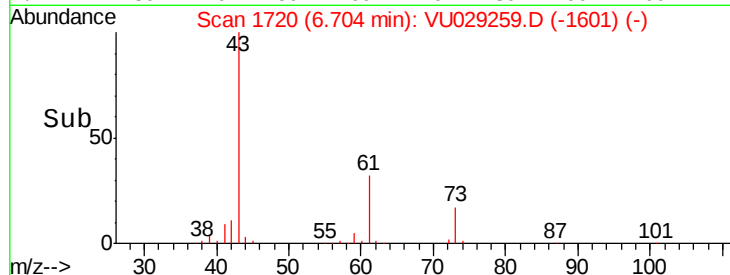
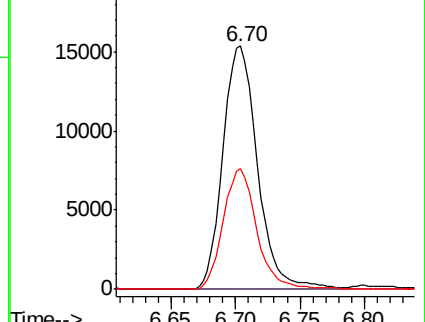
39 47.7 39.6 59.4



Abundance Ion 41.00 (40.70 to 41.70): VU028994.D (-1680) (-)

Ion 69.00 (68.70 to 69.70): VU028994.D (-1680) (-)

Ion 39.00 (38.70 to 39.70): VU028994.D (-1680) (-)



#50

Toluene-d8

Concen: 51.060 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029259.D

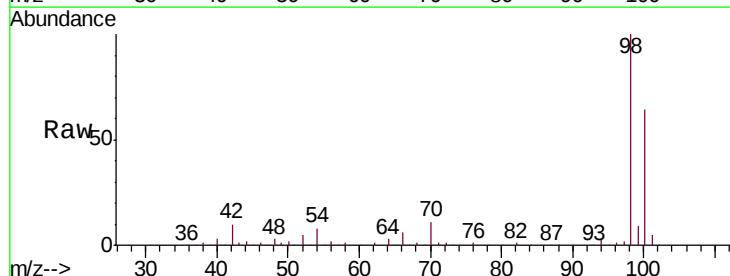
Acq: 21 Jan 2019 19:20

Tgt Ion: 98 Resp: 261360

Ion Ratio Lower Upper

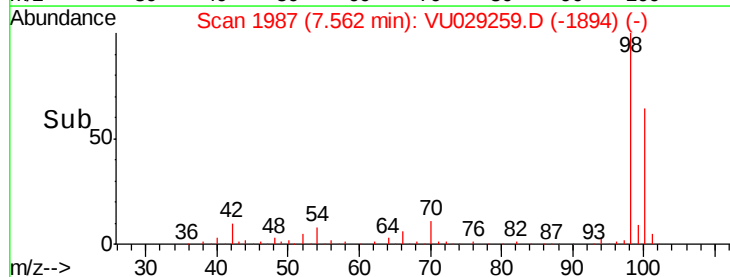
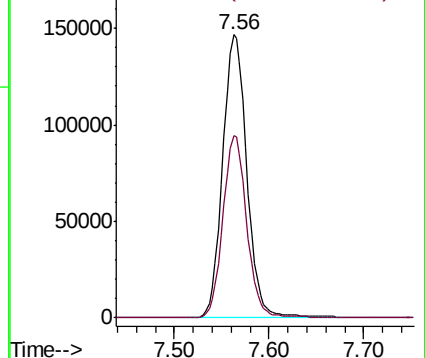
98 100

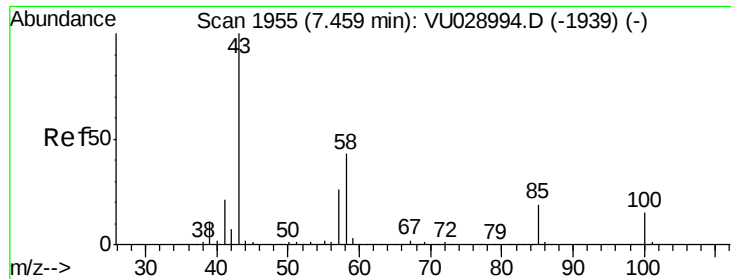
100 63.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028994.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028994.D (-1973) (-)





#51

4-Methyl-2-Pentanone

Concen: 14.322 ug/l

RT: 7.42 min Scan# 1942

Delta R.T. -0.04 min

Lab File: VU029259.D

Acq: 21 Jan 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

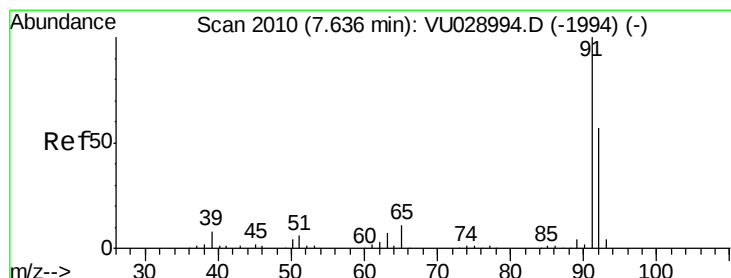
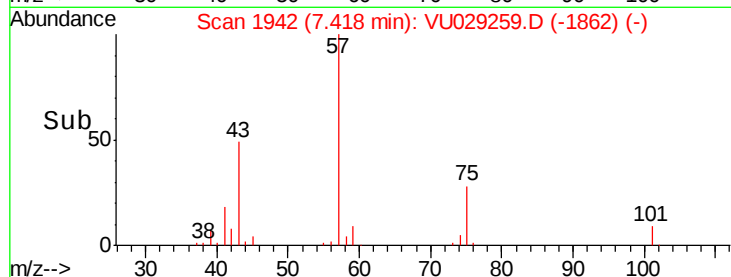
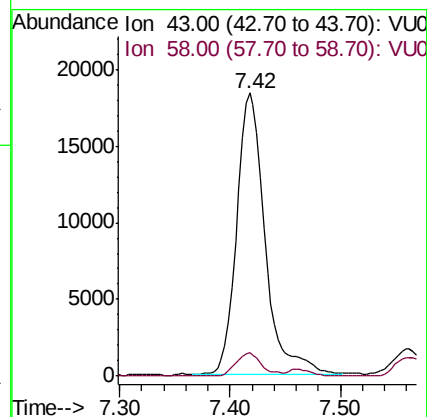
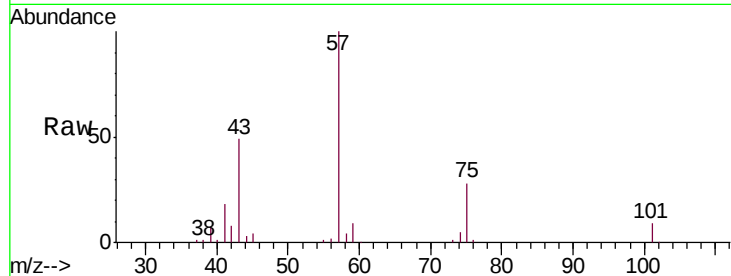
CL-01-011819-D

Tgt Ion: 43 Resp: 32811

Ion Ratio Lower Upper

43 100

58 7.4 33.9 50.9#



#52

Toluene

Concen: 2.208 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU029259.D

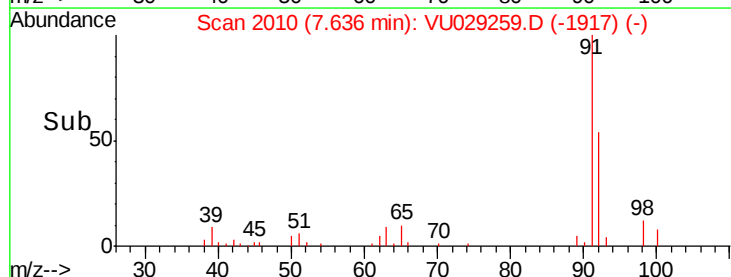
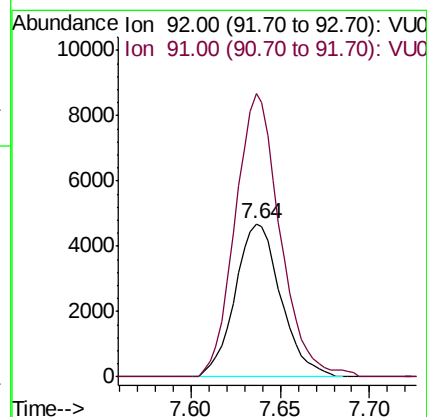
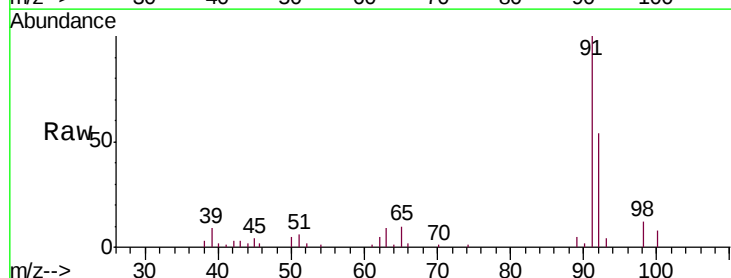
Acq: 21 Jan 2019 19:20

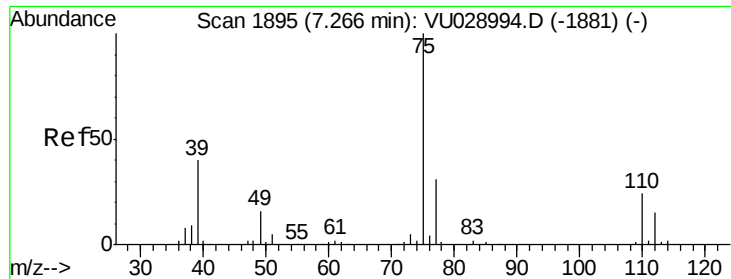
Tgt Ion: 92 Resp: 8381

Ion Ratio Lower Upper

92 100

91 181.9 139.8 209.8



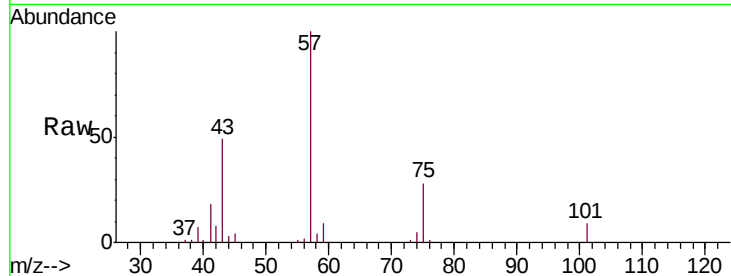


#54

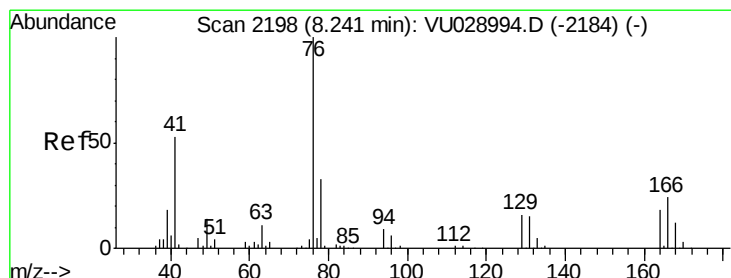
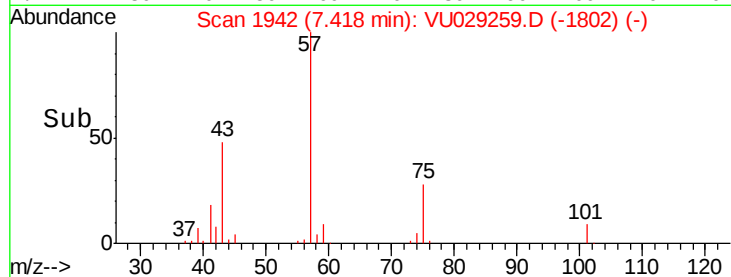
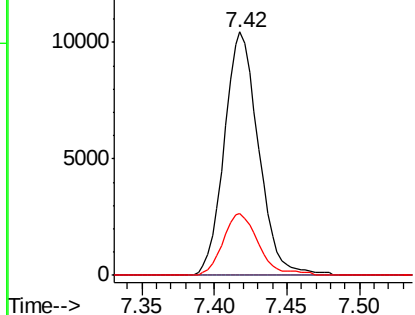
cis-1,3-Dichloropropene
 Concen: 6.827 ug/l
 RT: 7.42 min Scan# 1942
 Delta R.T. 0.15 min
 Lab File: VU029259.D
 Acq: 21 Jan 2019 19:20

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

Tgt Ion: 75 Resp: 17178
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 25.2 32.2 48.4#



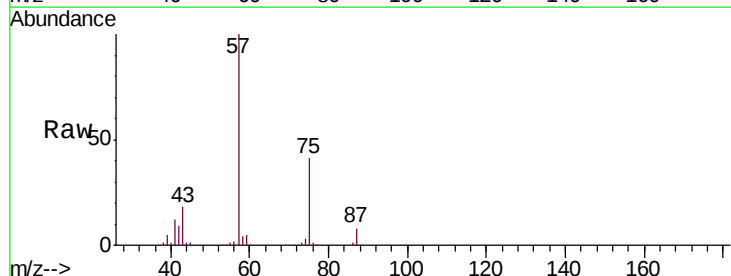
Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0
 Ion 39.00 (38.70 to 39.70): VU0



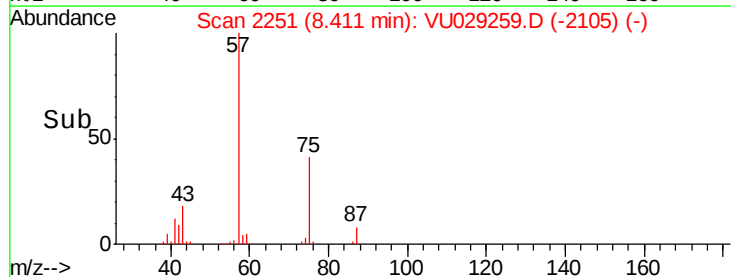
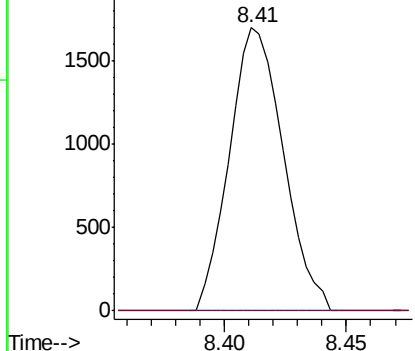
#57

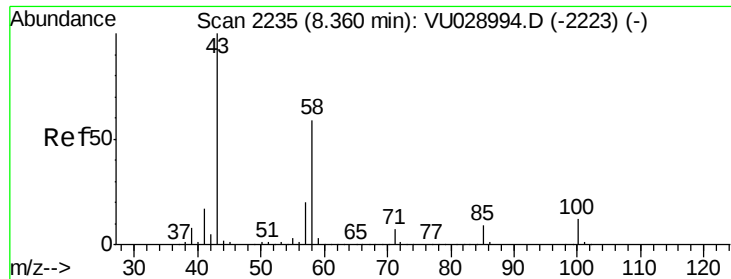
1,3-Dichloropropane
 Concen: 1.000 ug/l
 RT: 8.41 min Scan# 2251
 Delta R.T. 0.17 min
 Lab File: VU029259.D
 Acq: 21 Jan 2019 19:20

Tgt Ion: 76 Resp: 2603
 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

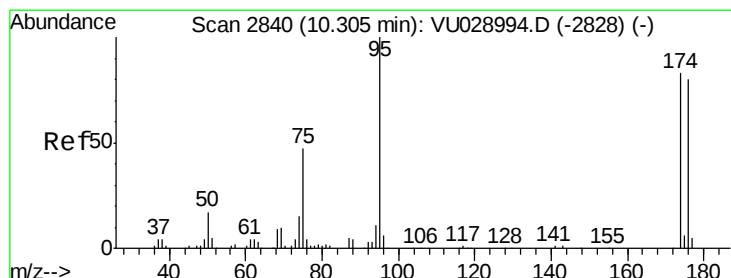
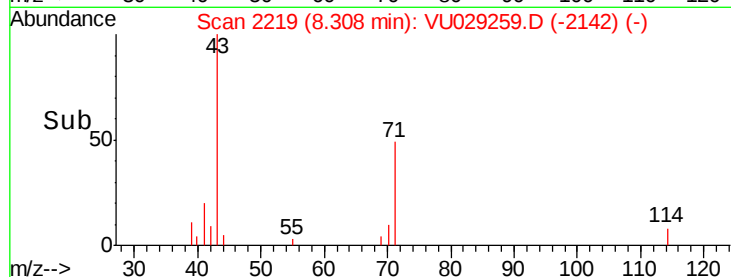
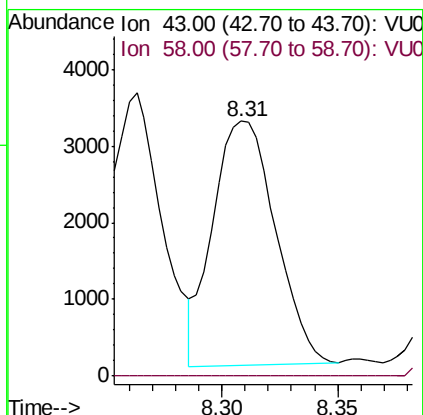
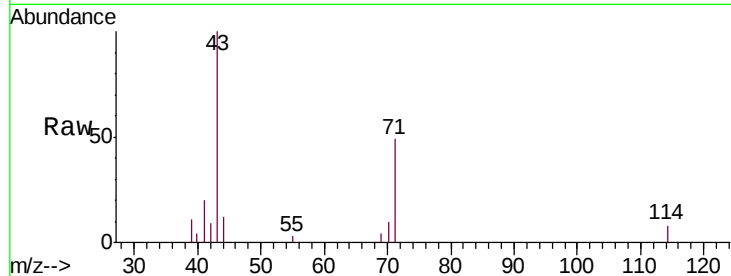




#59
 2-Hexanone
 Concen: 3.314 ug/l
 RT: 8.31 min Scan# 2219
 Delta R.T. -0.05 min
 Lab File: VU029259.D
 Acq: 21 Jan 2019 19:20

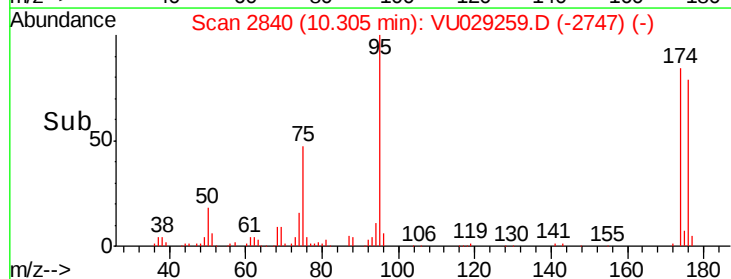
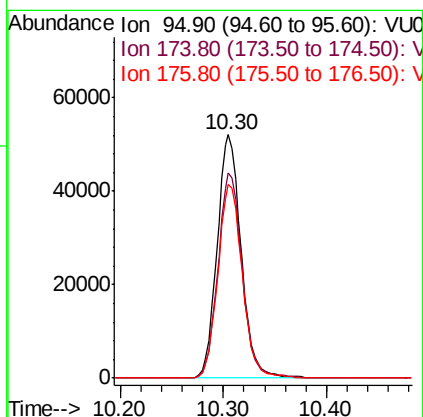
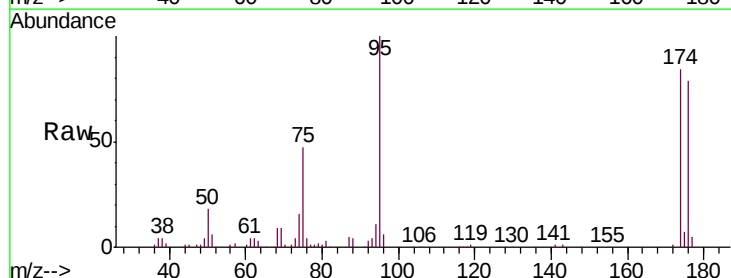
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-D

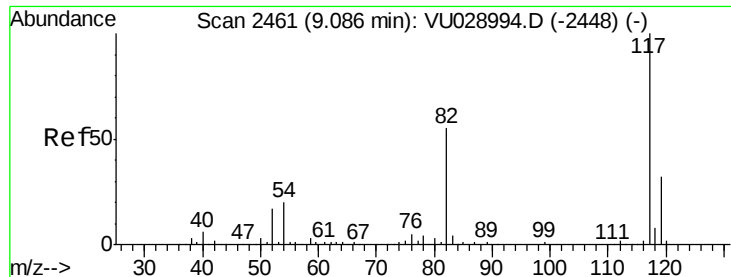
Tgt Ion: 43 Resp: 5959
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.8 89.4#



#62
 4-Bromofluorobenzene
 Concen: 45.614 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VU029259.D
 Acq: 21 Jan 2019 19:20

Tgt Ion: 95 Resp: 83909
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 170.6
 176 81.4 0.0 165.0

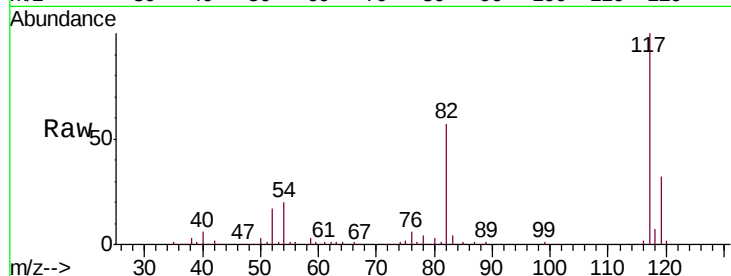




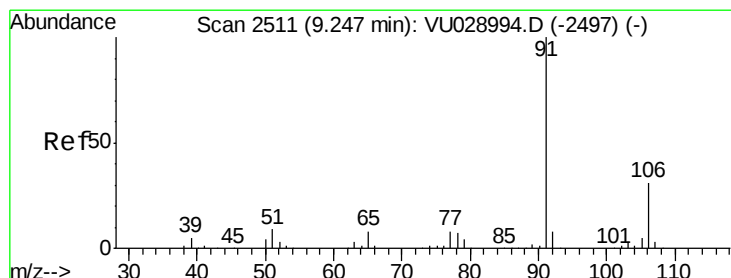
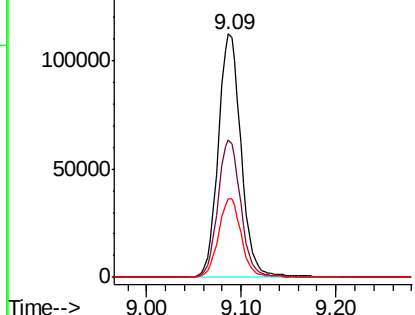
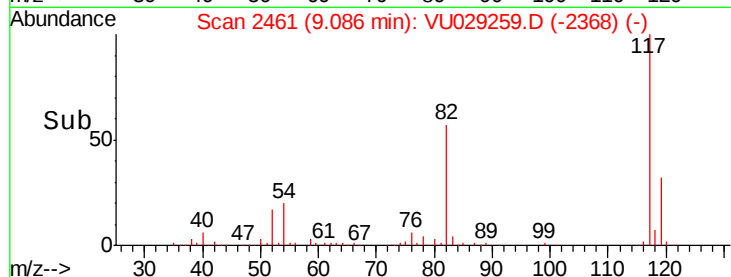
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion: 117 Resp: 188913
Ion Ratio Lower Upper
117 100
82 56.7 43.9 65.9
119 32.2 26.0 39.0

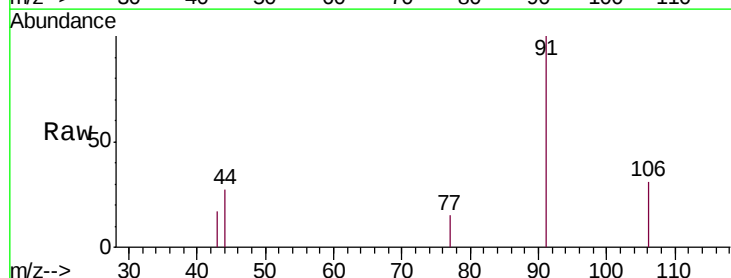


Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

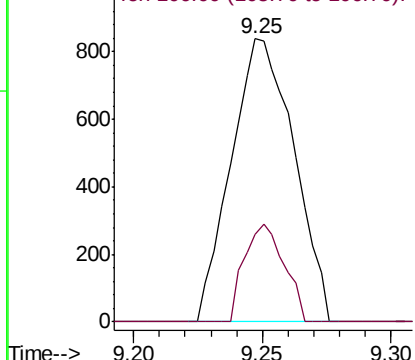
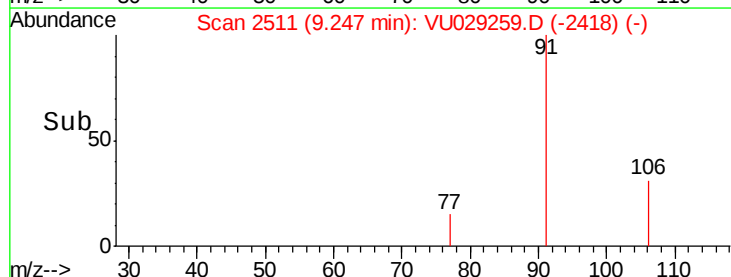


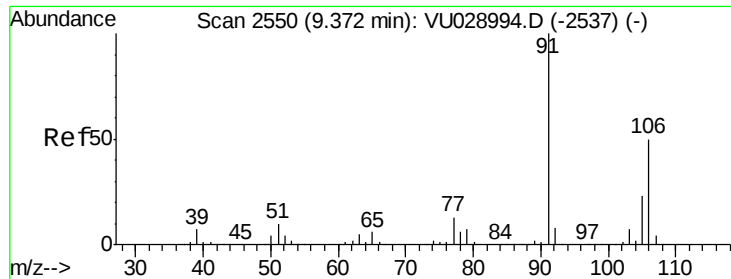
#67
Ethyl Benzene
Concen: 0.201 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion: 91 Resp: 1423
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VU0
1000 Ion 106.00 (105.70 to 106.70): V

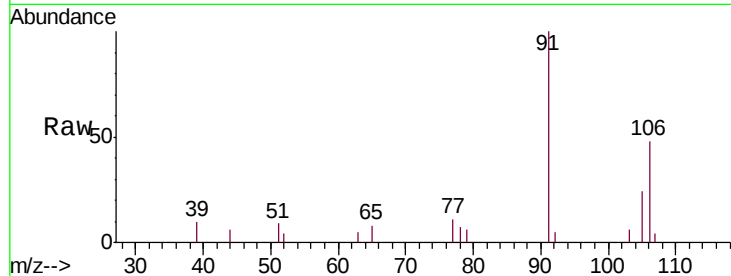




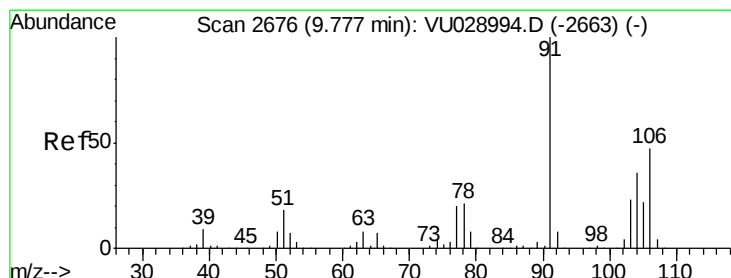
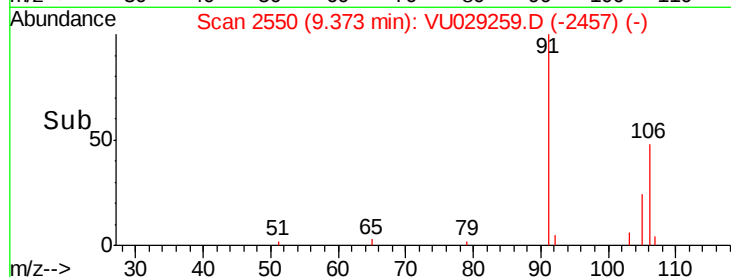
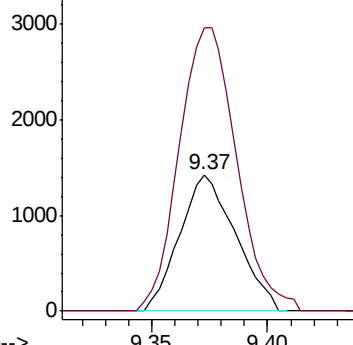
#68
m/p-Xylenes
Concen: 0.871 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

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

Tgt Ion:106 Resp: 2393
Ion Ratio Lower Upper
106 100
91 213.2 161.7 242.5

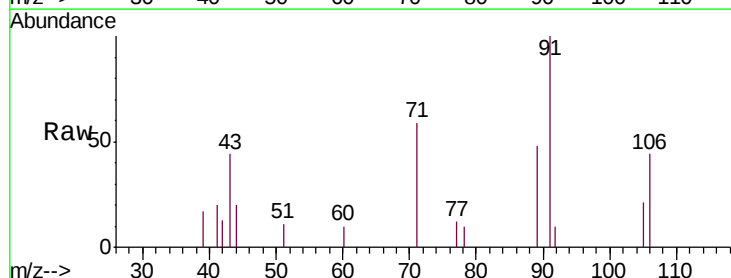


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

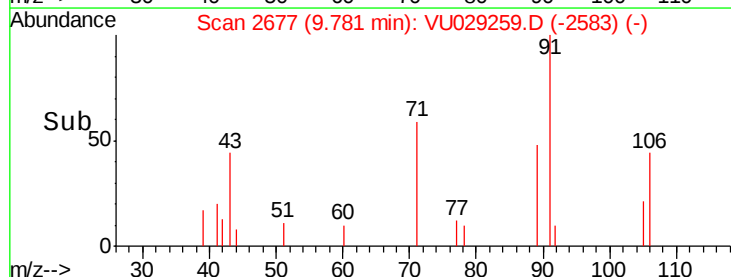
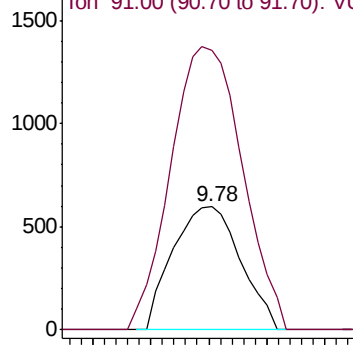


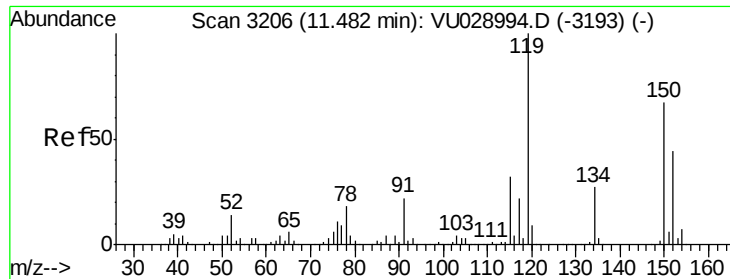
#69
o-Xylene
Concen: 0.366 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU029259.D
Acq: 21 Jan 2019 19:20

Tgt Ion:106 Resp: 969
Ion Ratio Lower Upper
106 100
91 242.7 106.1 318.3



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: VU029259.D

Acq: 21 Jan 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-D

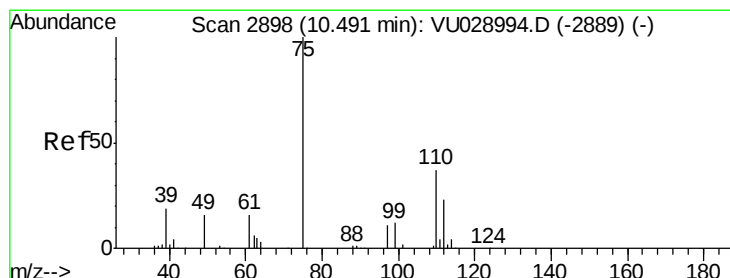
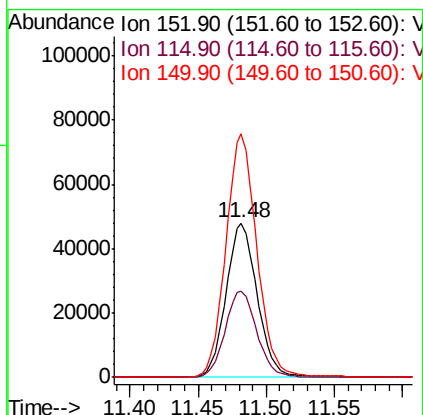
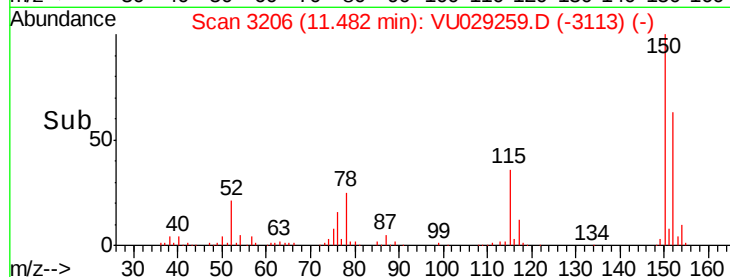
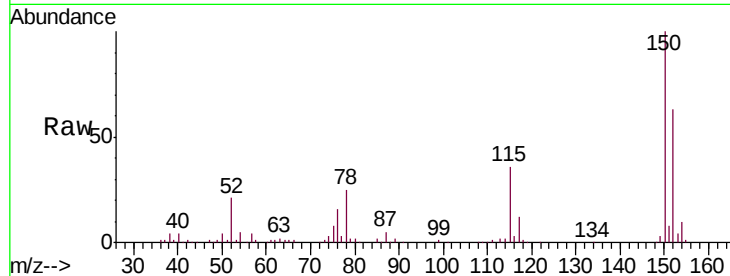
Tgt Ion:152 Resp: 76098

Ion Ratio Lower Upper

152 100

115 57.1 40.1 120.3

150 157.2 0.0 345.2



#76

1,2,3-Trichloropropane

Concen: 21.132 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029259.D

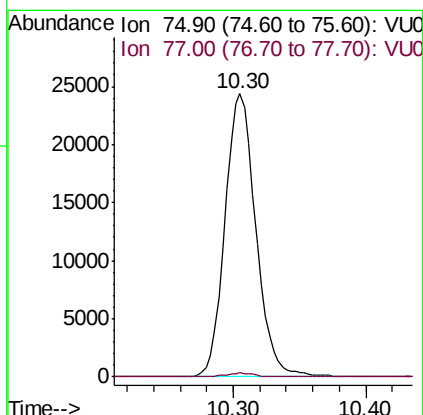
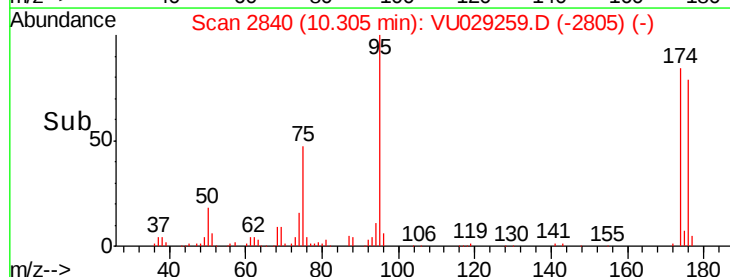
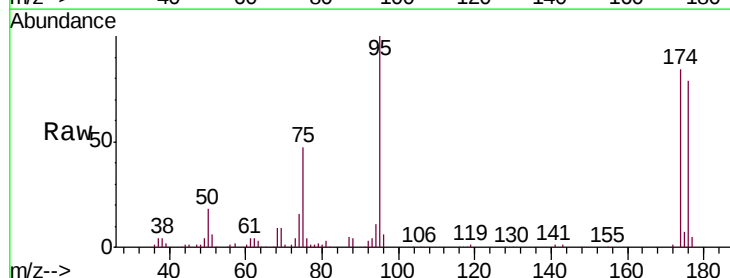
Acq: 21 Jan 2019 19:20

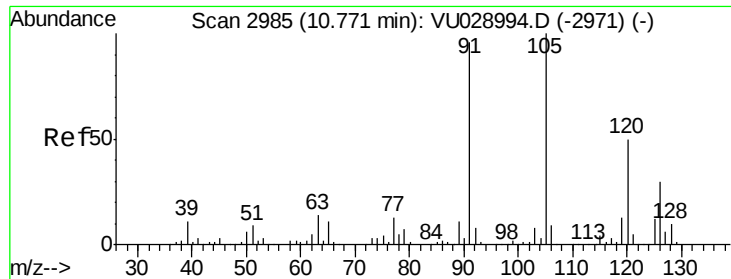
Tgt Ion: 75 Resp: 39401

Ion Ratio Lower Upper

75 100

77 1.2 20.9 62.8#

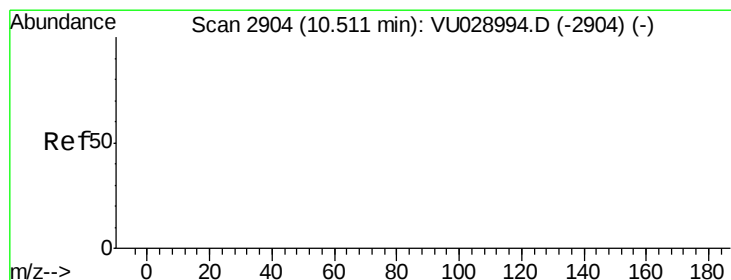
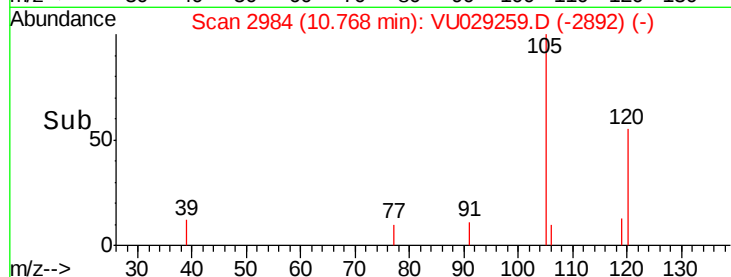
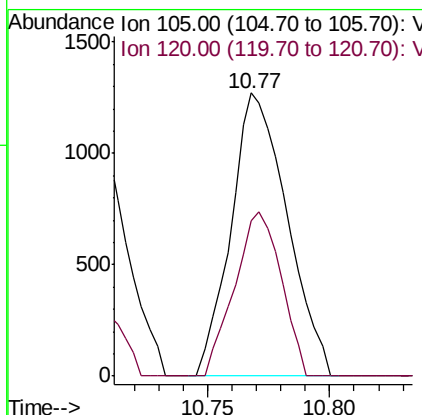
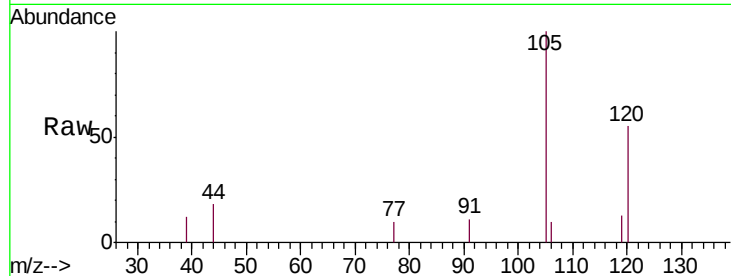




#80
 1,3,5-Trimethylbenzene
 Concen: 0.431 ug/l
 RT: 10.77 min Scan# 2984
 Delta R.T. -0.00 min
 Lab File: VU029259.D
 Acq: 21 Jan 2019 19:20

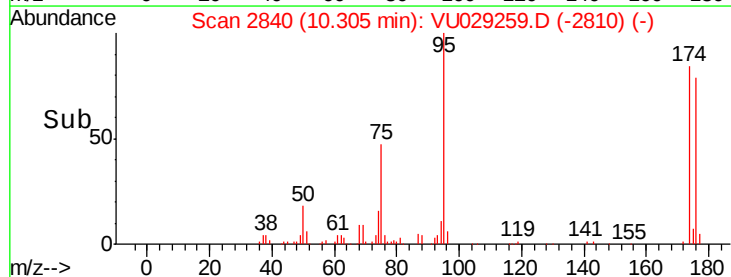
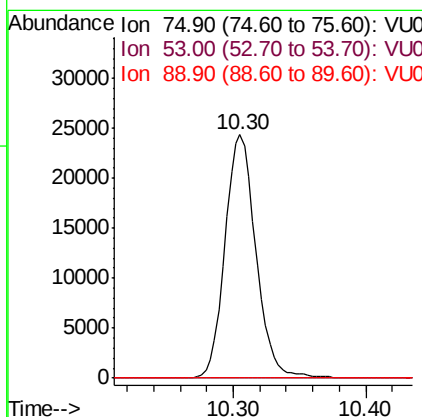
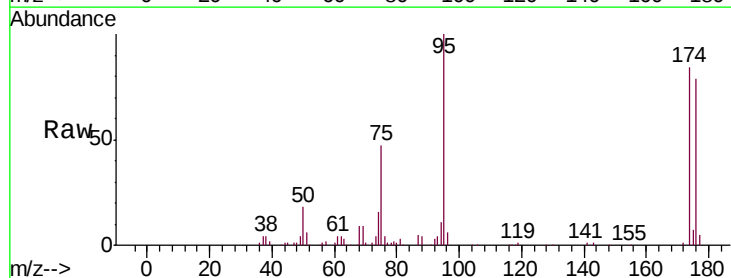
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-D

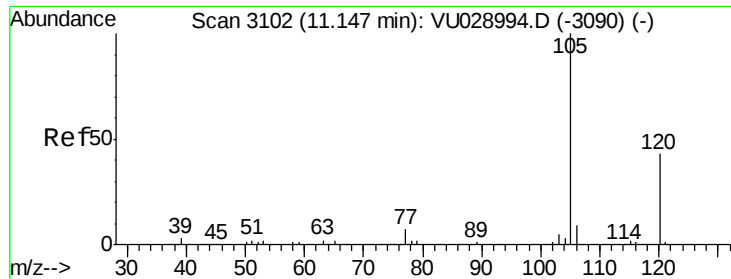
Tgt Ion: 105 Resp: 2028
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.500 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.21 min
 Lab File: VU029259.D
 Acq: 21 Jan 2019 19:20

Tgt Ion: 75 Resp: 39401
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

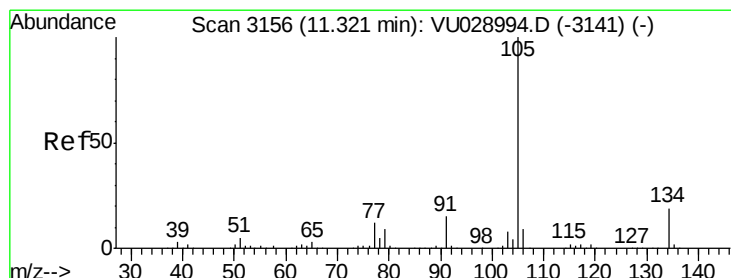
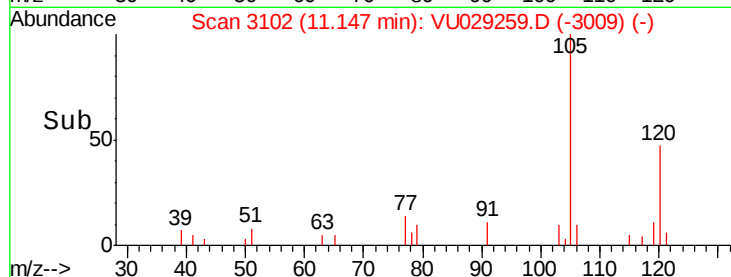
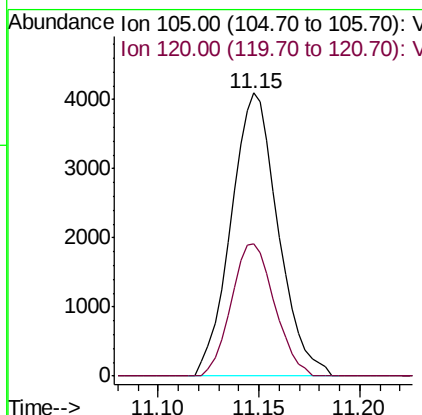
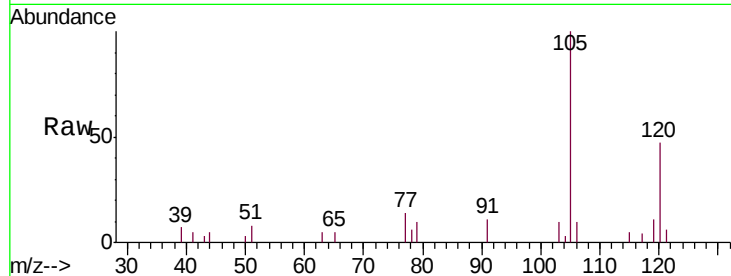




#84
 1,2,4-Trimethylbenzene
 Concen: 1.424 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029259.D
 Acq: 21 Jan 2019 19:20

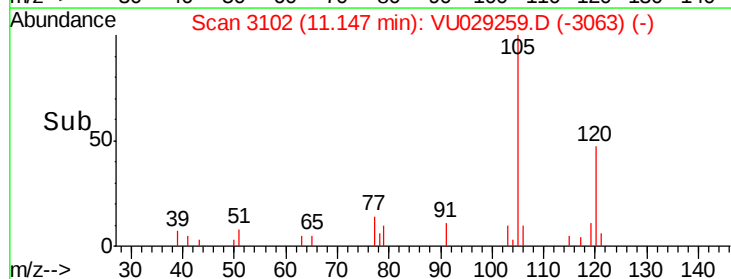
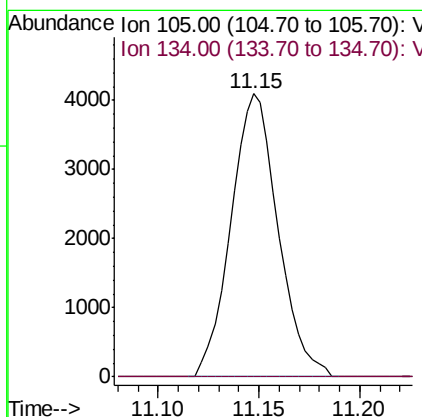
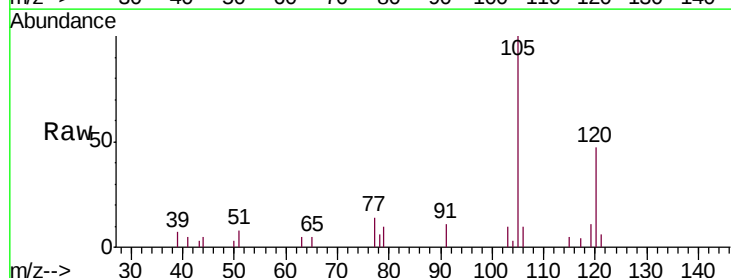
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-D

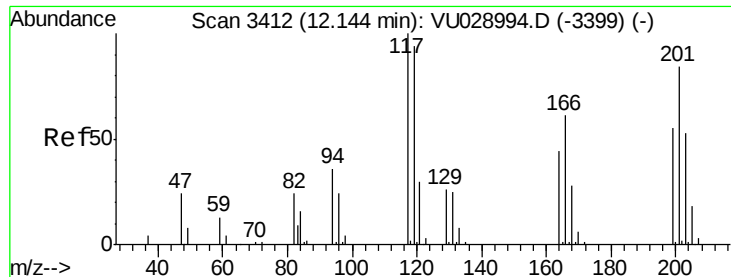
Tgt Ion:105 Resp: 6687
 Ion Ratio Lower Upper
 105 100
 120 43.0 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 1.193 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.17 min
 Lab File: VU029259.D
 Acq: 21 Jan 2019 19:20

Tgt Ion:105 Resp: 6687
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#





#90

Hexachloroethane

Concen: 0.235 ug/l

RT: 12.29 min Scan# 3457

Delta R.T. 0.14 min

Lab File: VU029259.D

Acq: 21 Jan 2019 19:20

Instrument :

MSVOA_U

ClientSampleId :

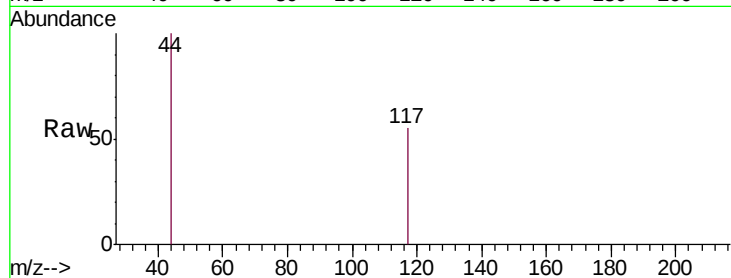
CL-01-011819-D

Tgt Ion:117 Resp: 189

Ion Ratio Lower Upper

117 100

201 0.0 42.4 127.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.29

150

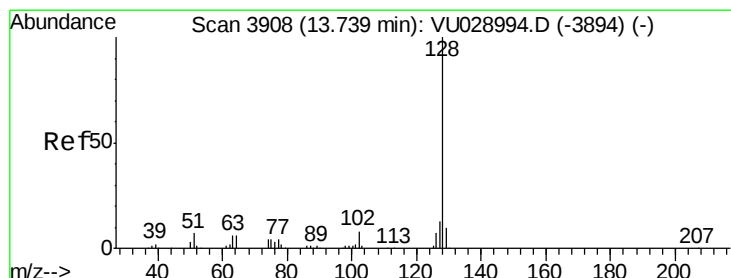
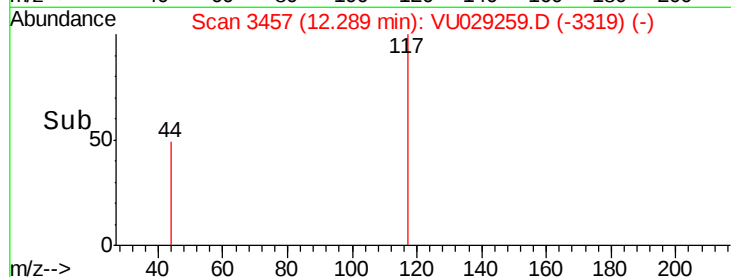
100

50

0

12.26 12.28 12.30

Time-->



#95

Naphthalene

Concen: 3.073 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.01 min

Lab File: VU029259.D

Acq: 21 Jan 2019 19:20

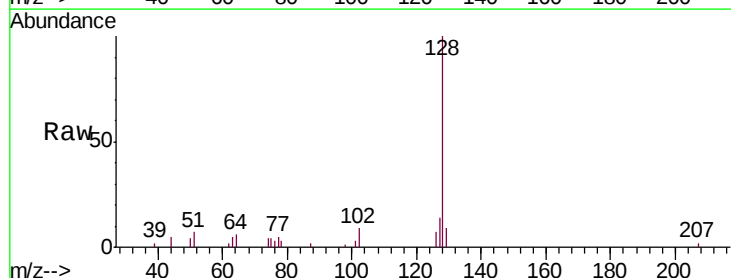
Tgt Ion:128 Resp: 18096

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 9.9 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

12000

10000

8000

6000

4000

2000

0

13.70 13.80

Time-->

