

Data File : VU029257.D
Acq On : 21 Jan 2019 18:32
Operator : JC/SP
Sample : K1009-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jan 22 01:15:34 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	112114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	197682	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	186845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76632	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	76571	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
35) Dibromofluoromethane	4.88	113	66889	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
50) Toluene-d8	7.56	98	261336	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	10.30	95	84167	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	563	Below Cal	#	83
14) Allyl chloride	2.70	41	14770	6.923	ug/l #	29
16) Acetone	2.32	43	6744	7.724	ug/l	96
17) Carbon Disulfide	2.48	76	192	Below Cal	#	75
18) Methyl Acetate	2.63	43	1605	0.791	ug/l #	88
20) Methylene Chloride	2.70	84	408379	275.490	ug/l	98
31) Cyclohexane	4.98	56	1849	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8450	4.276	ug/l #	47
38) Carbon Tetrachloride	4.98	117	10111	6.135	ug/l #	17
43) Isopropyl Acetate	5.55	43	6597	1.983	ug/l	95
45) 1,2-Dichloropropane	6.70	63	376	0.231	ug/l #	43
48) Methyl methacrylate	6.70	41	36473	22.514	ug/l #	37
51) 4-Methyl-2-Pentanone	7.42	43	31394	13.865	ug/l #	45
52) Toluene	7.64	92	2266	0.604	ug/l	90
54) cis-1,3-Dichloropropene	7.42	75	16853	6.777	ug/l #	61
57) 1,3-Dichloropropane	8.41	76	3290	1.279	ug/l #	42
59) 2-Hexanone	8.31	43	6175	3.474	ug/l #	21
67) Ethyl Benzene	9.25	91	336929	48.185	ug/l	99
68) m/p-Xylenes	9.37	106	658685	242.440	ug/l	98
69) o-Xylene	9.78	106	342422	130.804	ug/l	98
70) Styrene	9.78	104	17497	4.077	ug/l #	1
73) Isopropylbenzene	10.16	105	11211	1.977	ug/l	100
74) N-ethyl acetate	9.98	43	639	0.261	ug/l #	40
76) 1,2,3-Trichloropropane	10.30	75	40411	21.523	ug/l #	34
78) n-propylbenzene	10.58	91	65979	9.870	ug/l	98
79) 2-Chlorotoluene	10.68	91	74196	18.298	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.77	105	281988	59.533	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.68	75	3367	4.625	ug/l #	100
82) 4-Chlorotoluene	10.77	91	28636	6.159	ug/l #	44
83) tert-Butylbenzene	11.15	119	188531	40.383	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.15	105	1555832	328.994	ug/l	98
85) sec-Butylbenzene	11.15	105	1555832	275.555	ug/l #	57
86) p-Isopropyltoluene	11.47	119	4682	0.973	ug/l	89
89) n-Butylbenzene	11.87	91	16622	3.871	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

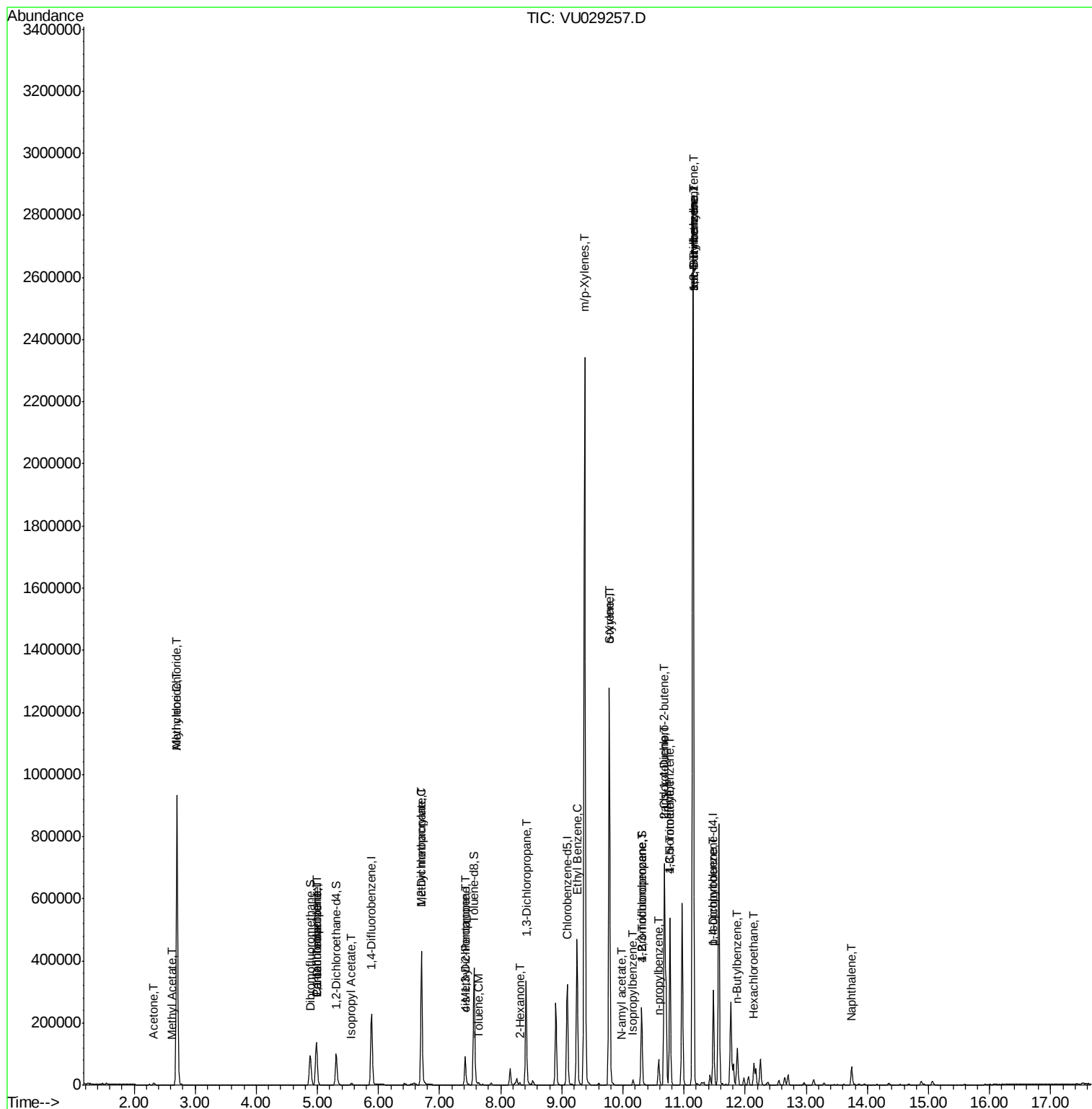
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.14	117	3761	4.647	ug/l #	7
95) Naphthalene	13.74	128	53209	8.973	ug/l	99

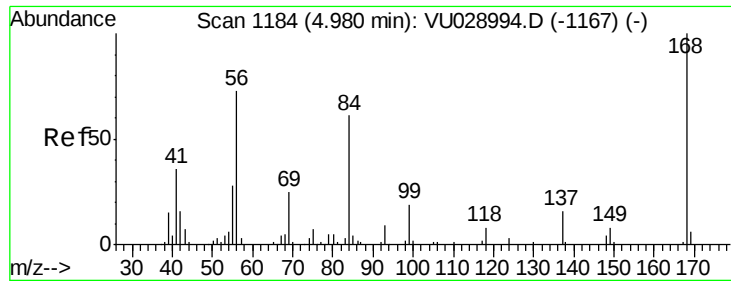
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

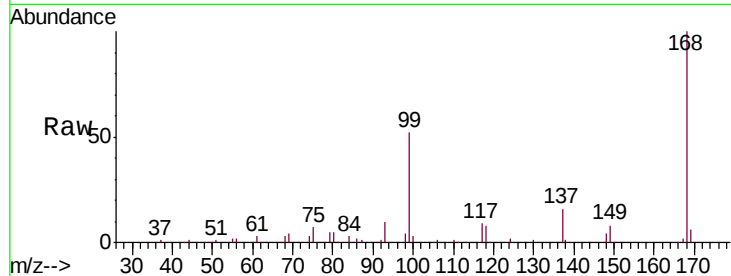
CL-01-011819-B

Tgt Ion:168 Resp: 112114

Ion Ratio Lower Upper

168 100

99 52.1 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

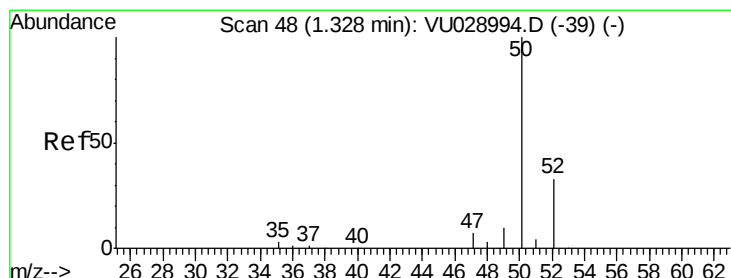
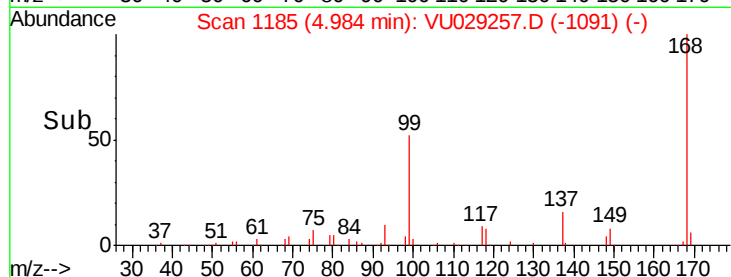
20000

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: VU029257.D

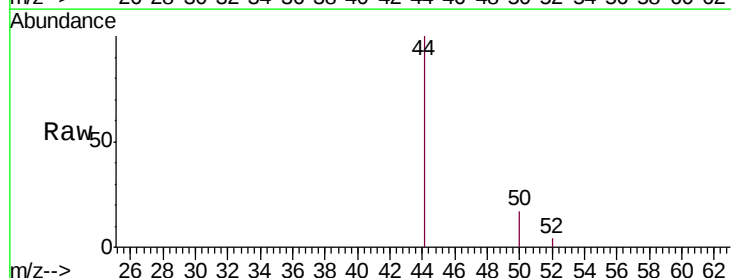
Acq: 21 Jan 2019 18:32

Tgt Ion: 50 Resp: 563

Ion Ratio Lower Upper

50 100

52 23.1 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

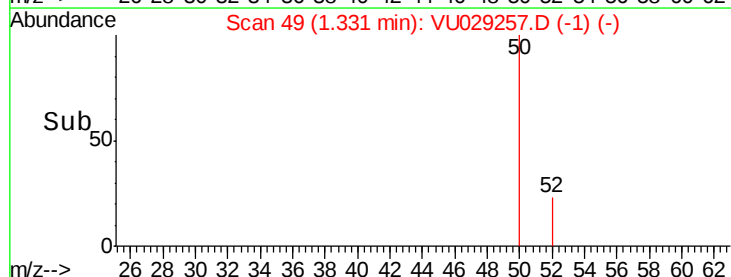
200

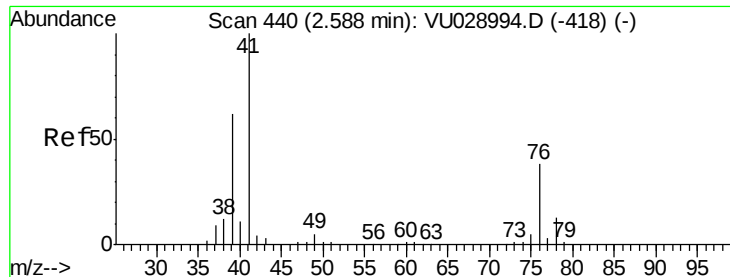
100

0

1.30 1.32 1.34 1.36

Time-->





#14

Allyl chloride

Concen: 6.923 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.11 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-B

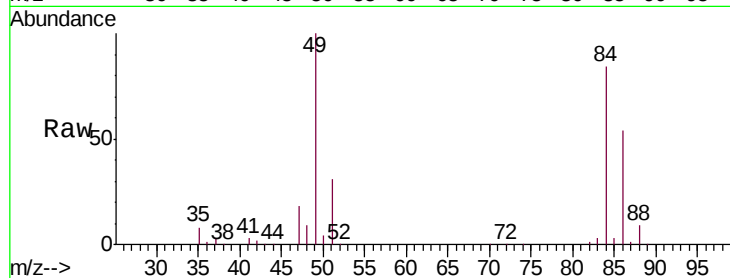
Tgt Ion: 41 Resp: 14770

Ion Ratio Lower Upper

41 100

39 0.0 45.0 67.6#

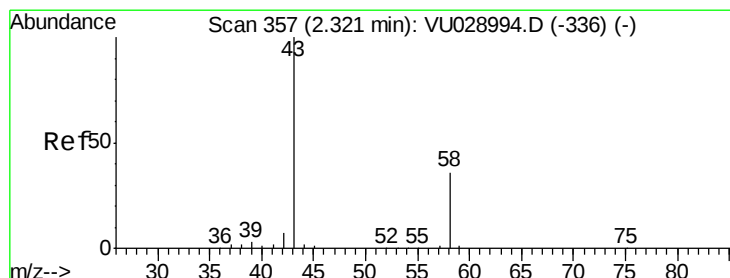
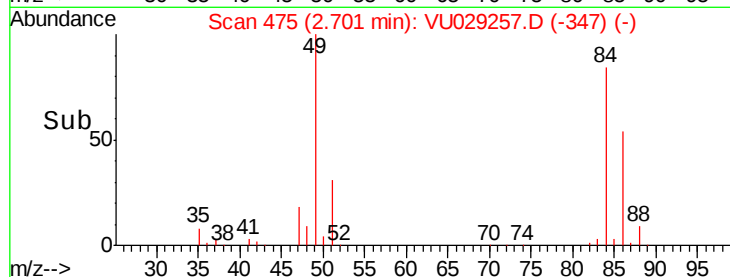
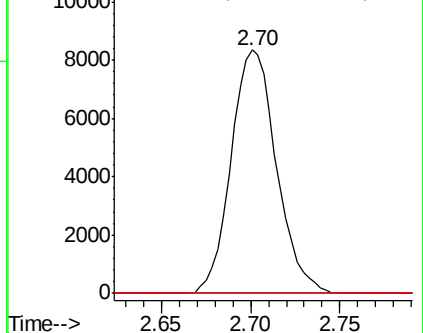
76 0.0 28.1 42.1#



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: 7.724 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029257.D

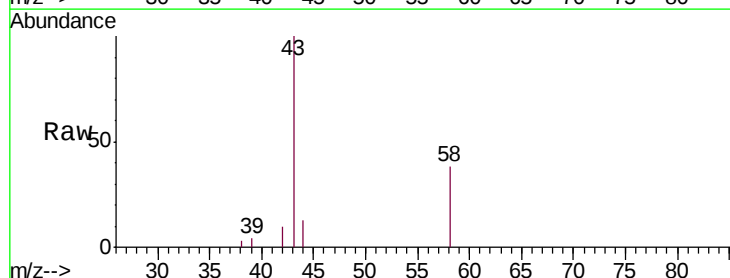
Acq: 21 Jan 2019 18:32

Tgt Ion: 43 Resp: 6744

Ion Ratio Lower Upper

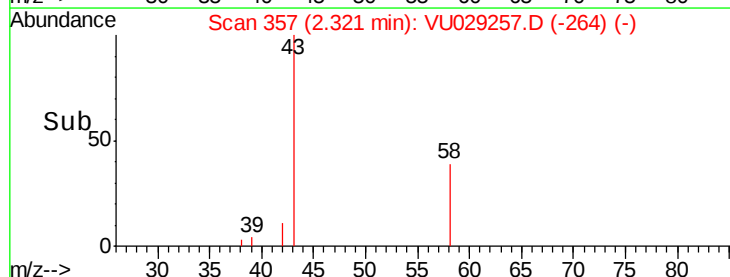
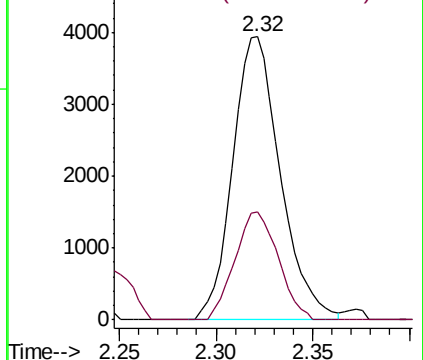
43 100

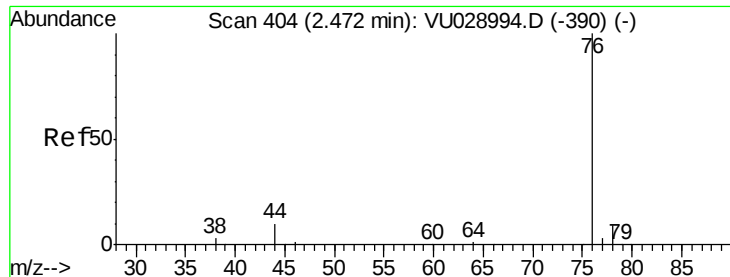
58 38.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

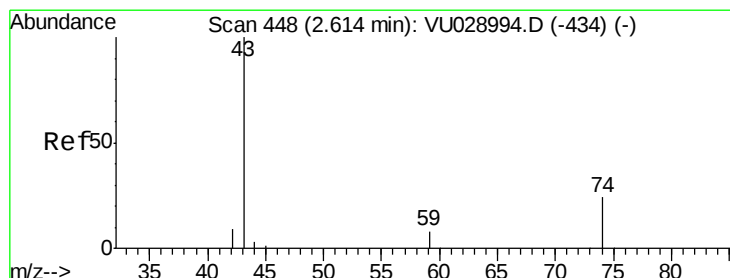
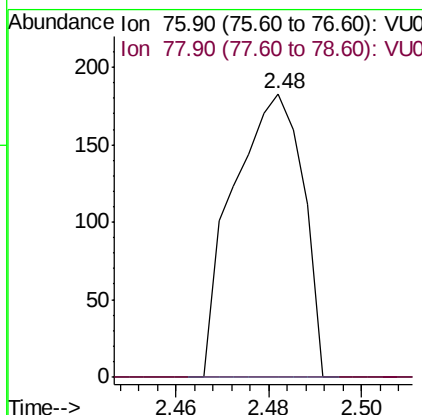
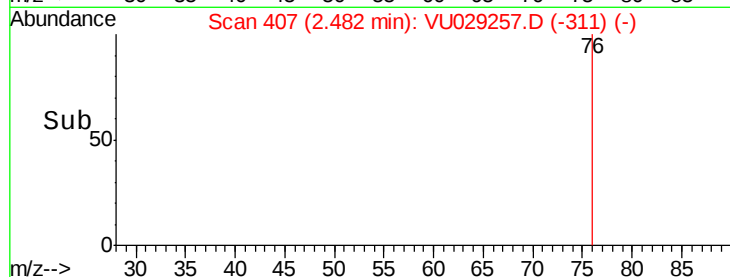
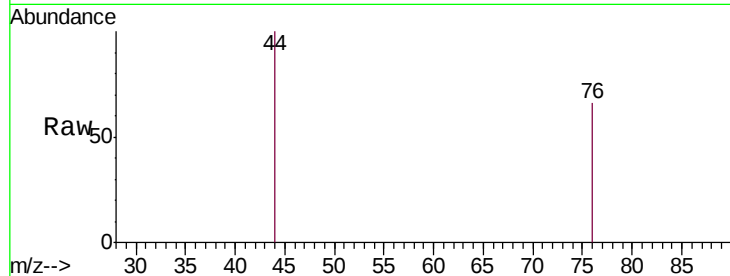




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.48 min Scan# 407
Delta R.T. 0.01 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

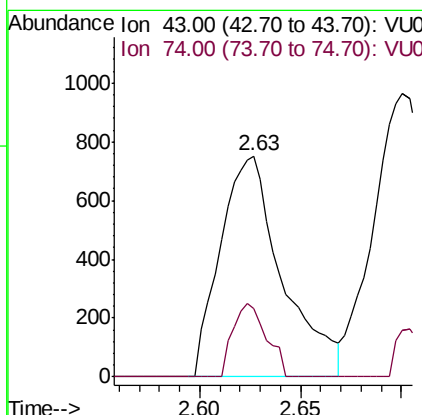
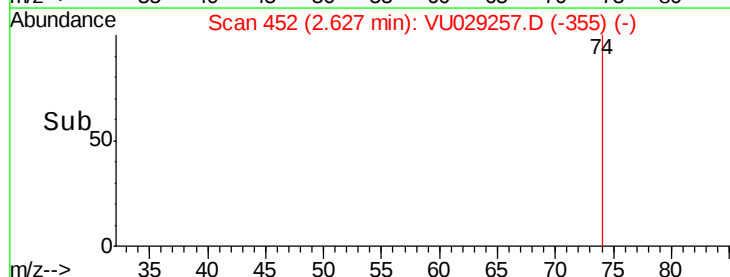
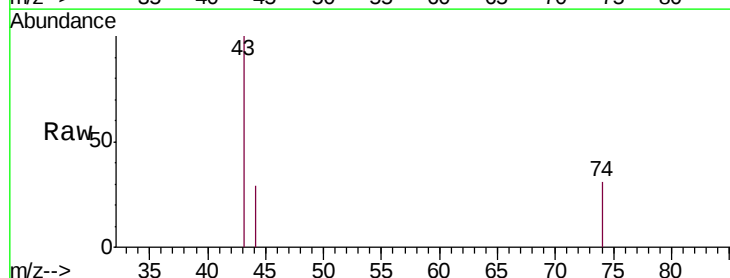
Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-B

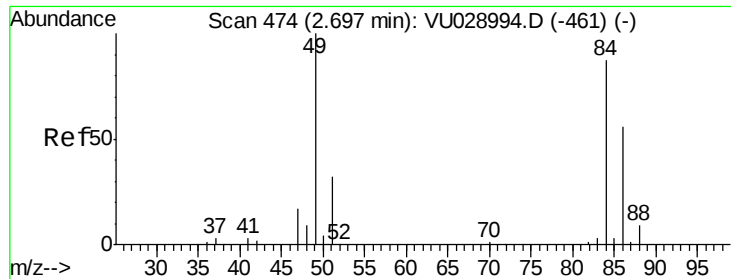
Tgt Ion: 76 Resp: 192
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.791 ug/l
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

Tgt Ion: 43 Resp: 1605
Ion Ratio Lower Upper
43 100
74 18.3 19.5 29.3#





#20

Methylene Chloride

Concen: 275.490 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-B

Tgt Ion: 84 Resp: 408379

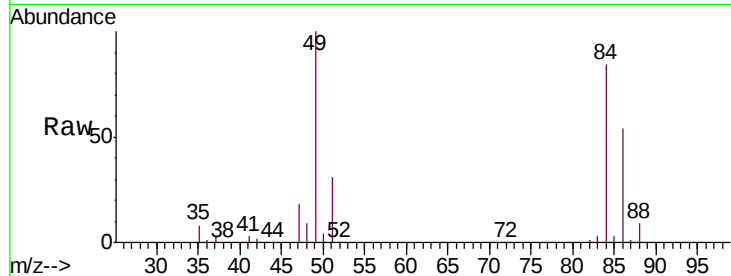
Ion Ratio Lower Upper

84 100

49 118.5 91.9 137.9

51 37.2 29.2 43.8

86 63.8 51.8 77.6

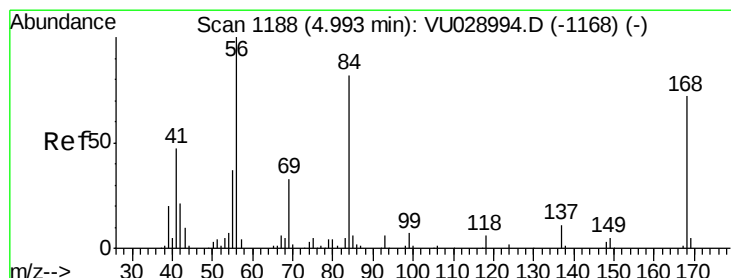
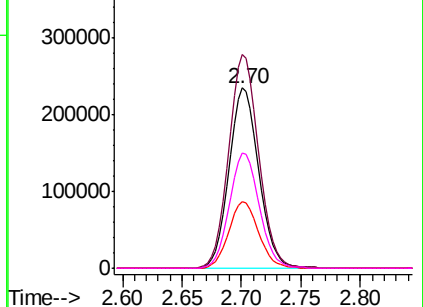
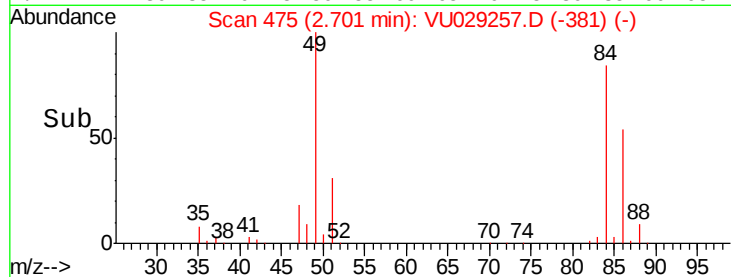


Abundance Ion 83.90 (83.60 to 84.60): VU0

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



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

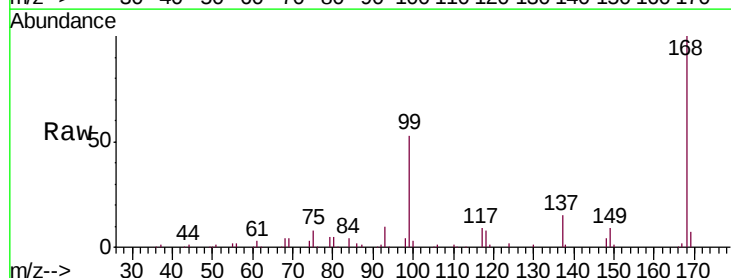
Tgt Ion: 56 Resp: 1849

Ion Ratio Lower Upper

56 100

69 168.9 26.7 40.1#

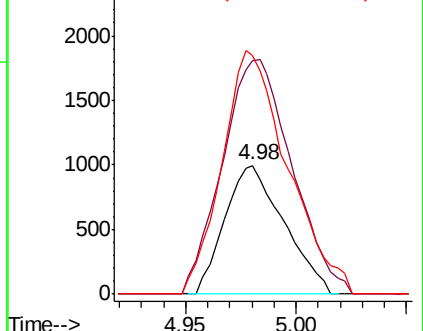
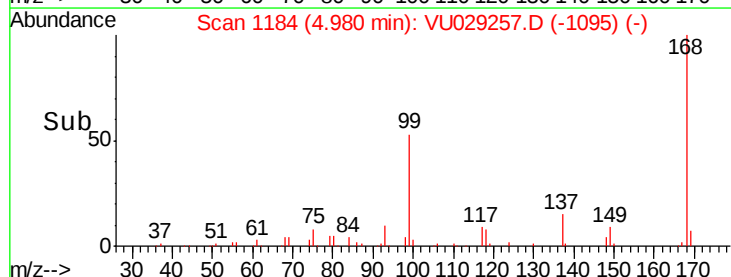
84 172.3 65.7 98.5#

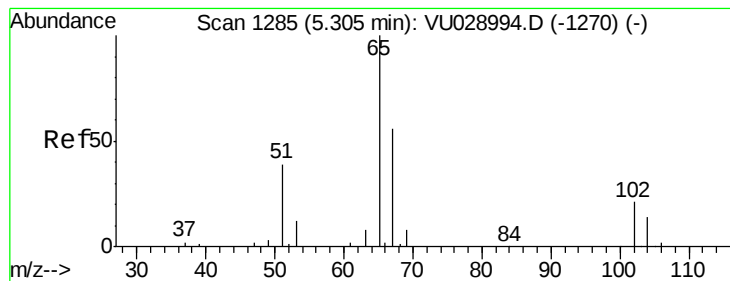


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0





#33

1,2-Dichloroethane-d4

Concen: 55.248 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

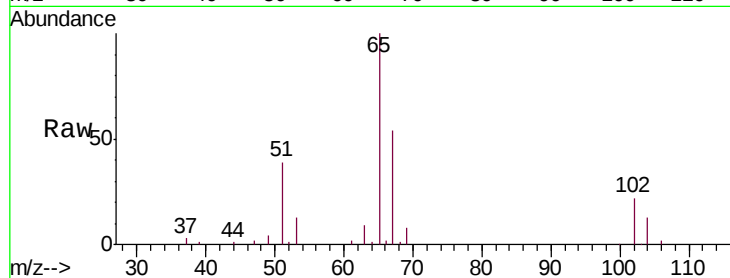
CL-01-011819-B

Tgt Ion: 65 Resp: 76571

Ion Ratio Lower Upper

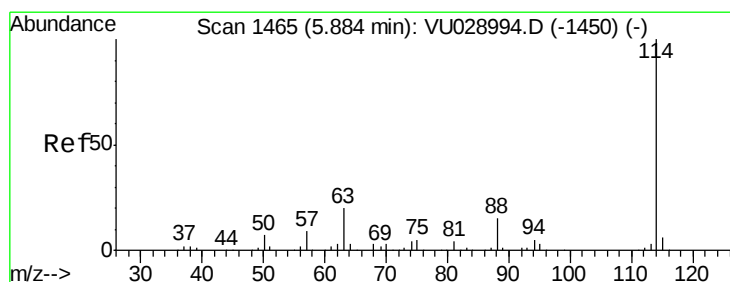
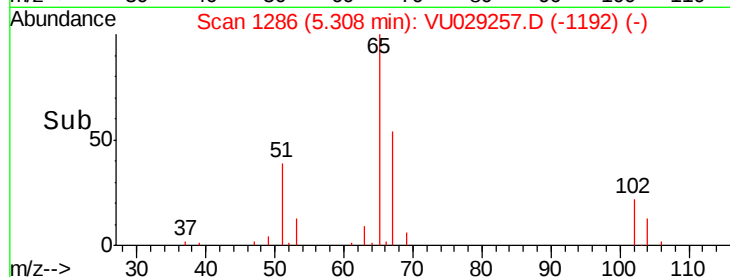
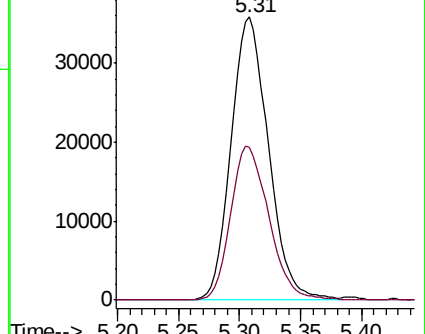
65 100

67 55.5 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: VU029257.D

Acq: 21 Jan 2019 18:32

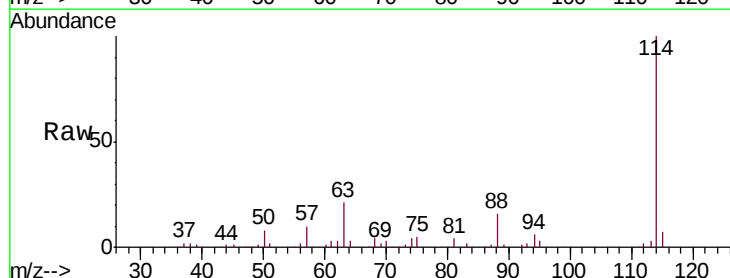
Tgt Ion: 114 Resp: 197682

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

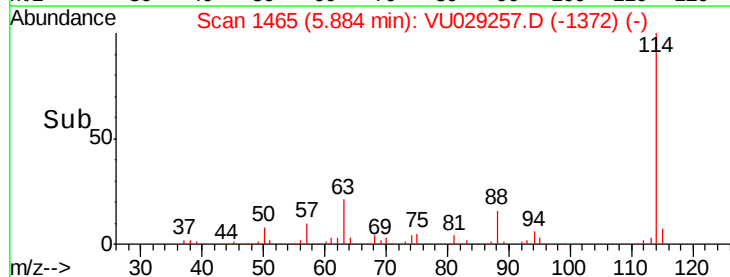
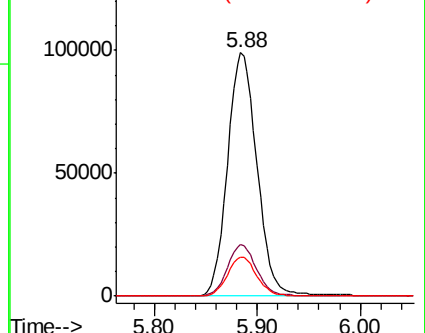
88 16.0 0.0 30.4

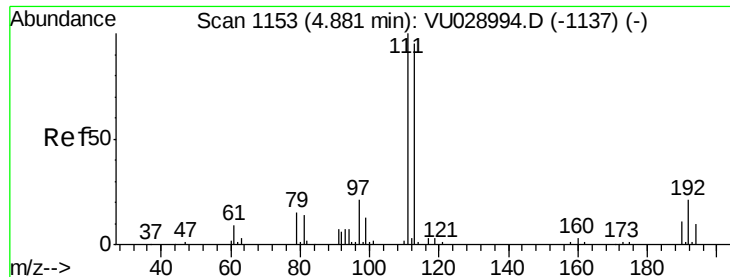


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

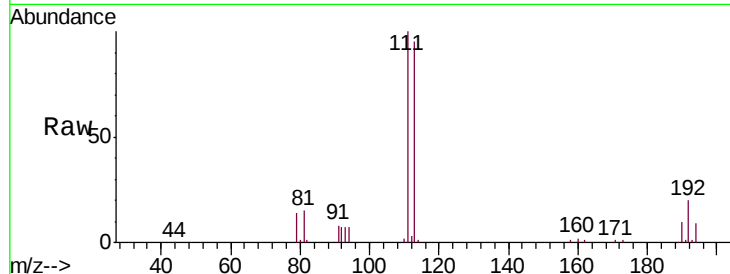




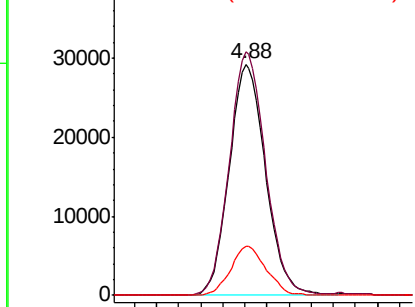
#35
 Dibromofluoromethane
 Concen: 52.199 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

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

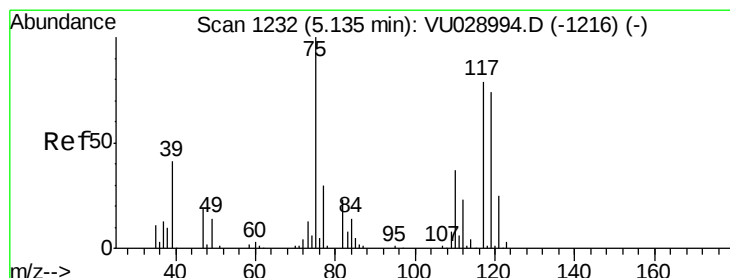
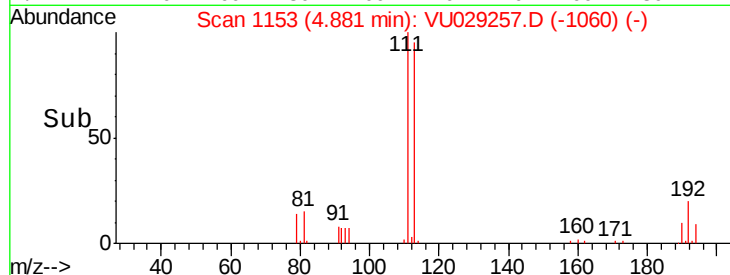
Tgt Ion:113 Resp: 66889
 Ion Ratio Lower Upper
 113 100
 111 104.9 81.4 122.2
 192 20.6 16.8 25.2



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

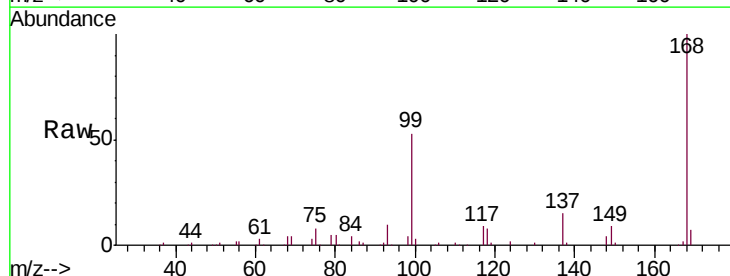


Time-->

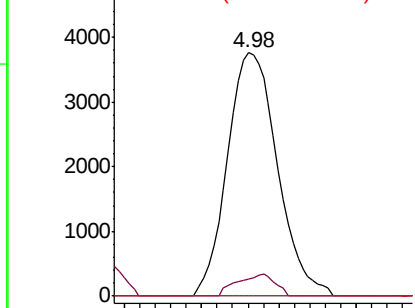


#36
 1,1-Dichloropropene
 Concen: 4.276 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

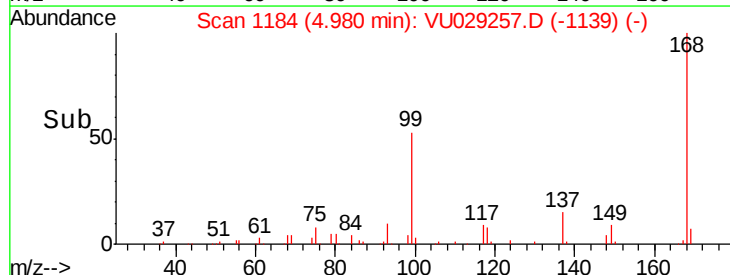
Tgt Ion: 75 Resp: 8450
 Ion Ratio Lower Upper
 75 100
 110 7.0 18.4 55.4#
 77 0.0 25.1 37.7#

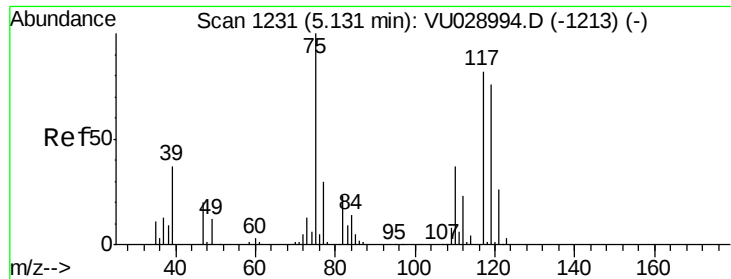


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0



Time-->

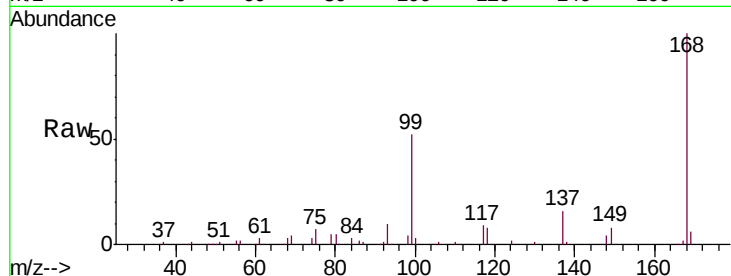




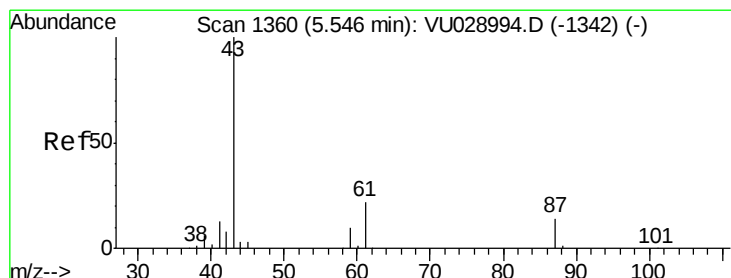
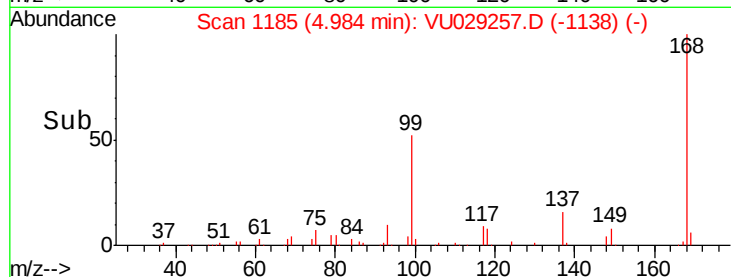
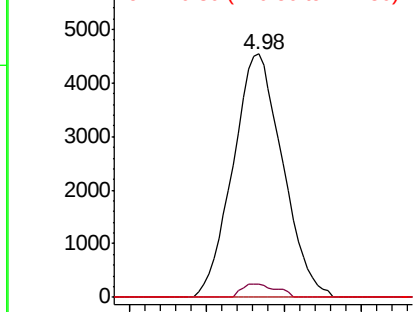
#38
Carbon Tetrachloride
Concen: 6.135 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

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

Tgt Ion:117 Resp: 10111
Ion Ratio Lower Upper
117 100
119 5.4 74.6 111.8#
121 0.0 25.0 37.6#

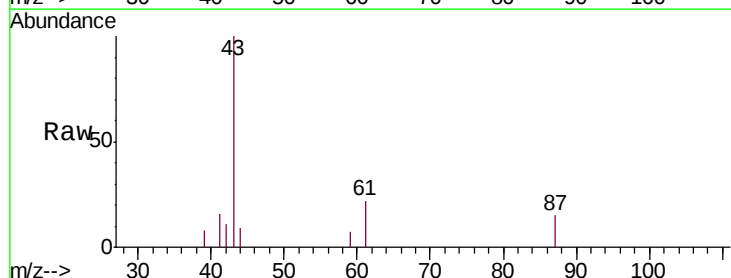


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

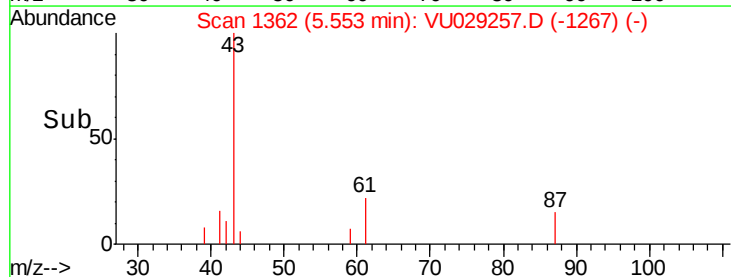
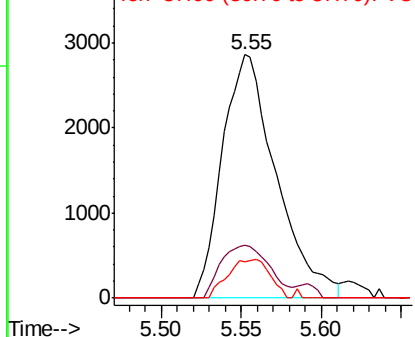


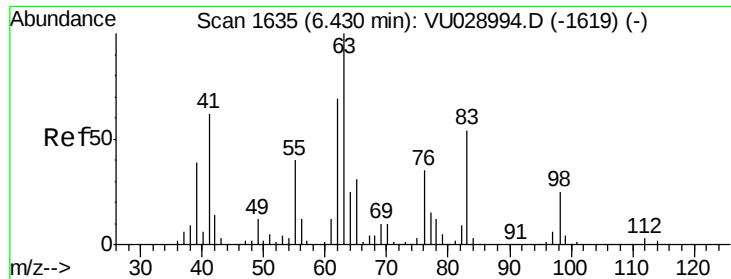
#43
Isopropyl Acetate
Concen: 1.983 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

Tgt Ion: 43 Resp: 6597
Ion Ratio Lower Upper
43 100
61 19.6 17.8 26.6
87 12.3 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

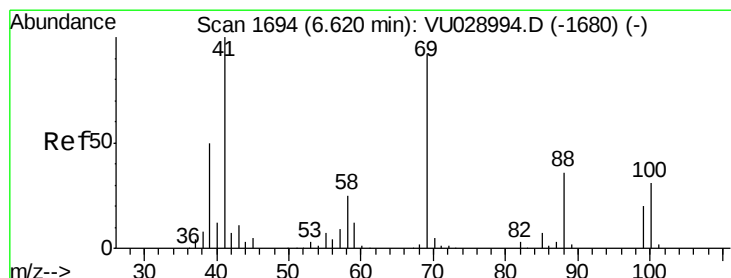
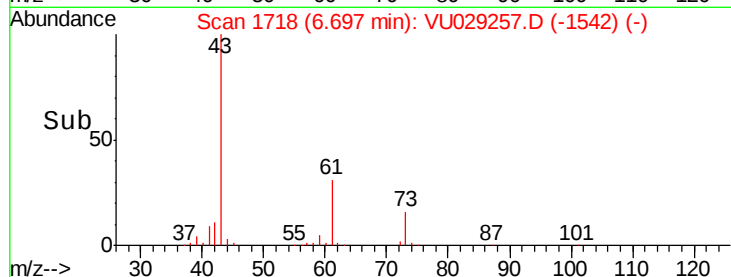
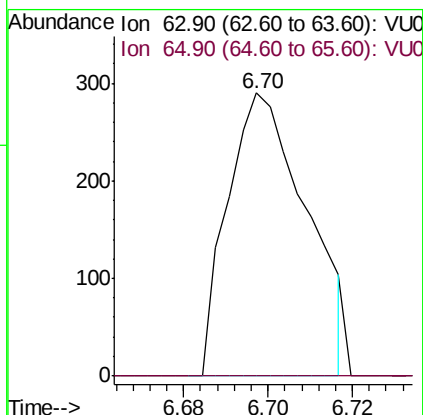
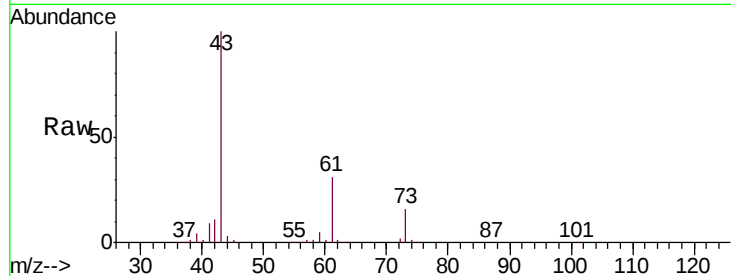




#45
 1,2-Dichloropropane
 Concen: 0.231 ug/l
 RT: 6.70 min Scan# 1718
 Delta R.T. 0.27 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

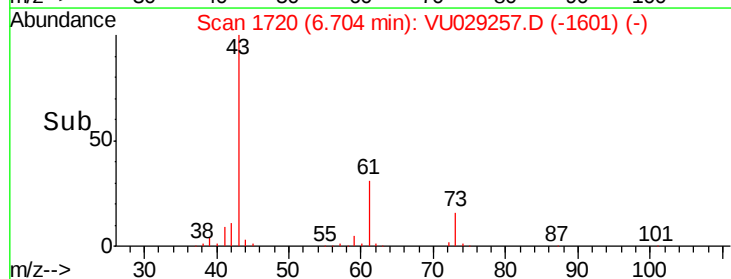
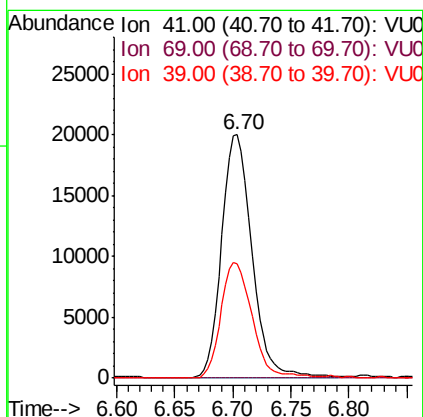
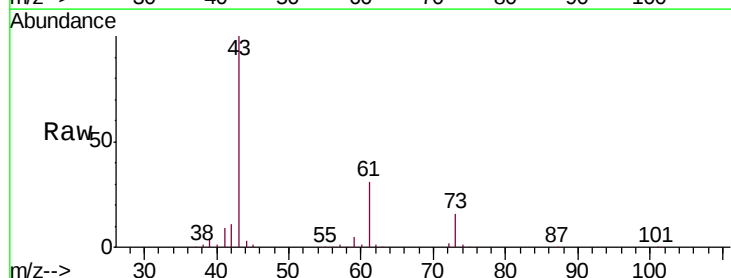
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-B

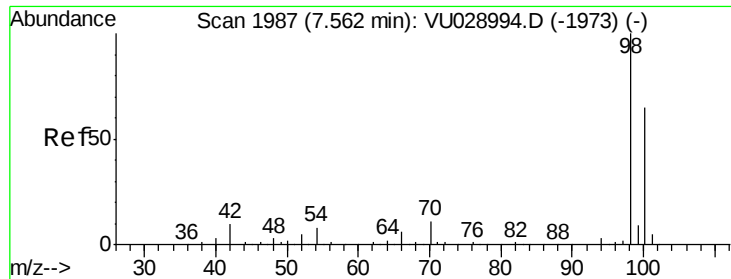
Tgt Ion: 63 Resp: 376
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.1 37.7#



#48
 Methyl methacrylate
 Concen: 22.514 ug/l
 RT: 6.70 min Scan# 1720
 Delta R.T. 0.08 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

Tgt Ion: 41 Resp: 36473
 Ion Ratio Lower Upper
 41 100
 69 0.0 73.6 110.4#
 39 48.7 39.6 59.4

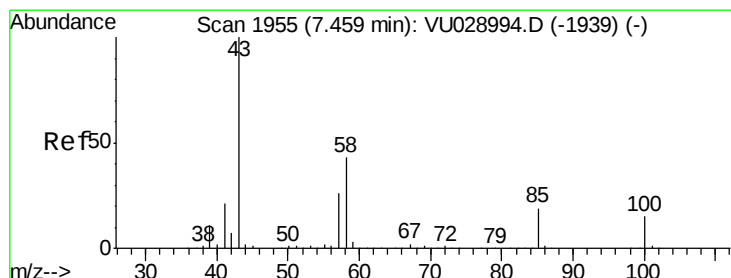
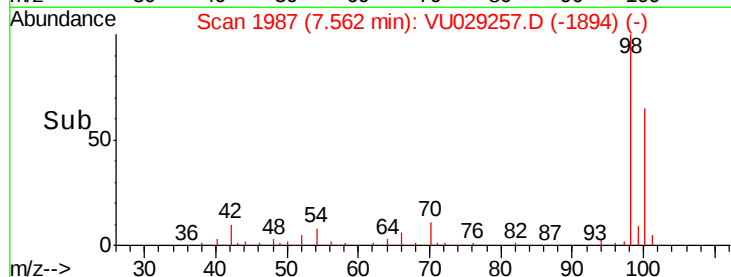
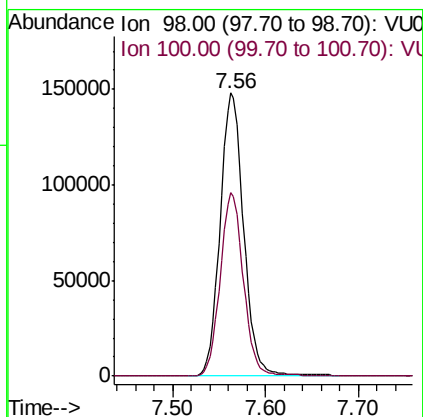
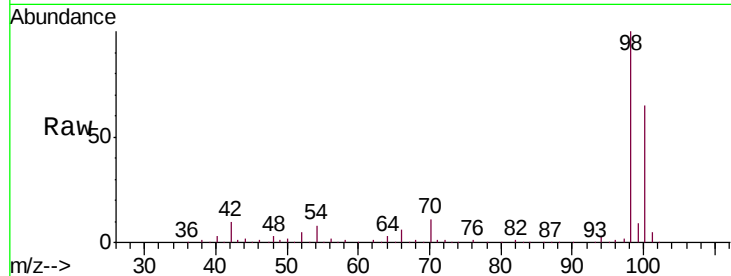




#50
Toluene-d8
Concen: 51.658 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

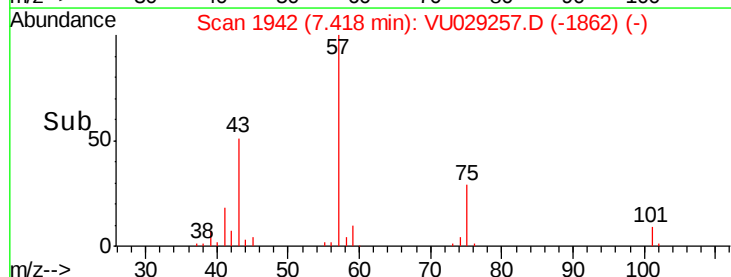
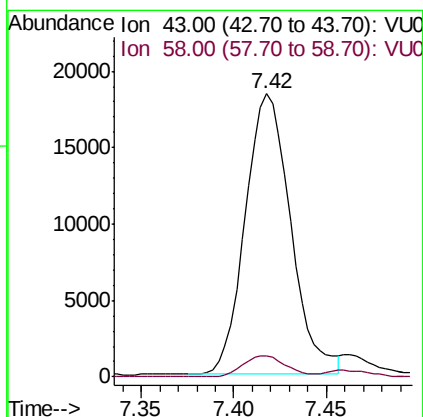
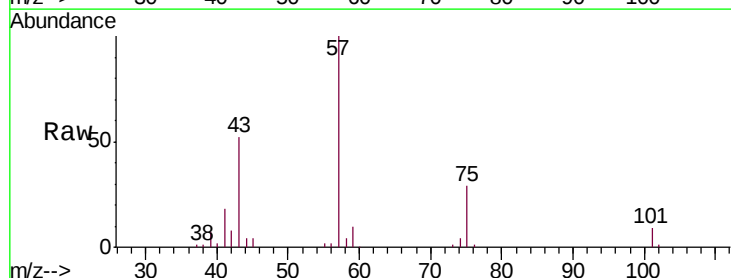
Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-B

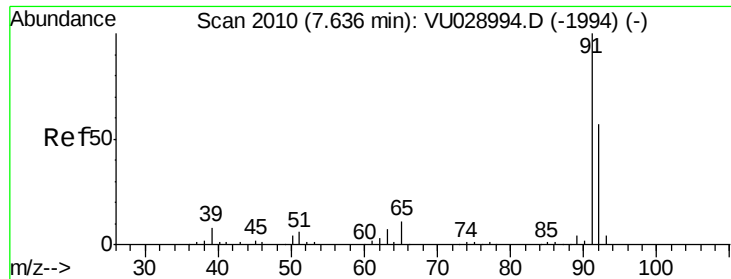
Tgt Ion: 98 Resp: 261336
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 13.865 ug/l
RT: 7.42 min Scan# 1942
Delta R.T. -0.04 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

Tgt Ion: 43 Resp: 31394
Ion Ratio Lower Upper
43 100
58 7.2 33.9 50.9#





#52

Toluene

Concen: 0.604 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

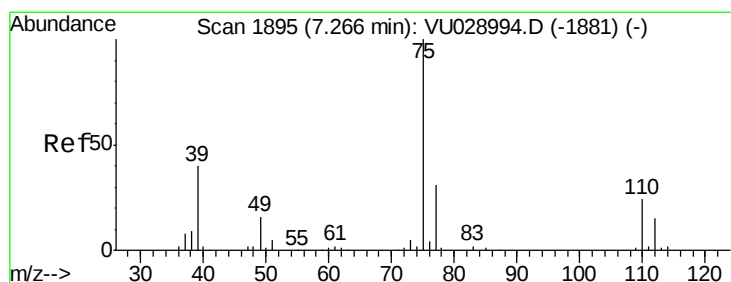
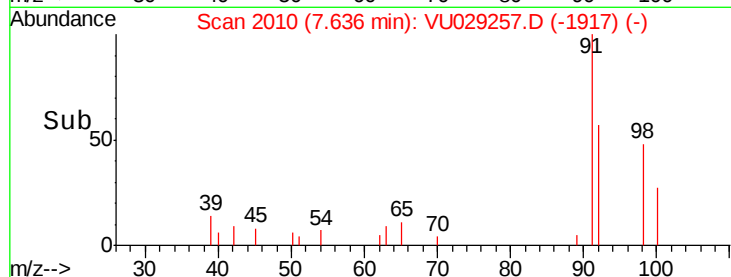
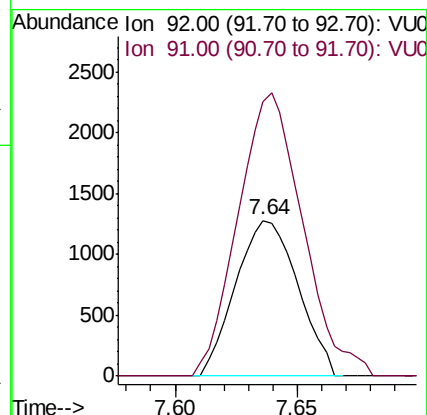
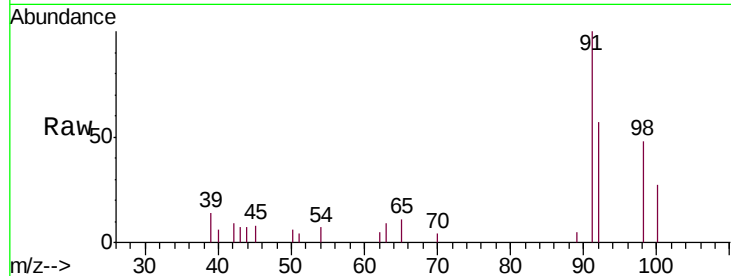
CL-01-011819-B

Tgt Ion: 92 Resp: 2266

Ion Ratio Lower Upper

92 100

91 189.0 139.8 209.8



#54

cis-1,3-Dichloropropene

Concen: 6.777 ug/l

RT: 7.42 min Scan# 1942

Delta R.T. 0.15 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

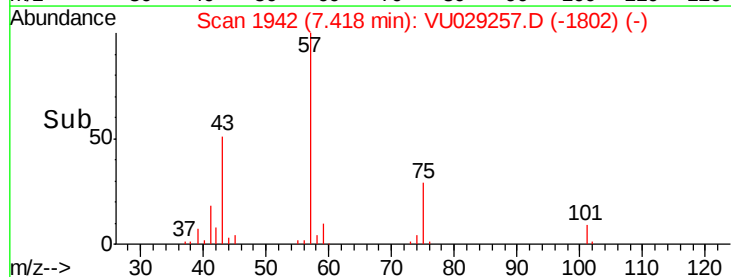
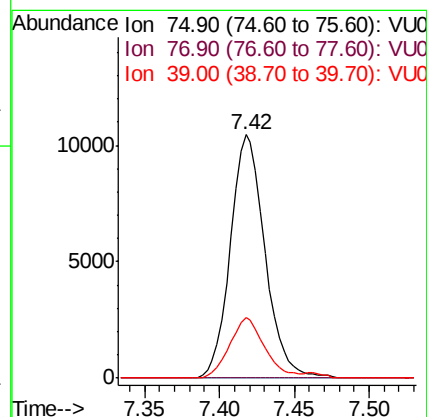
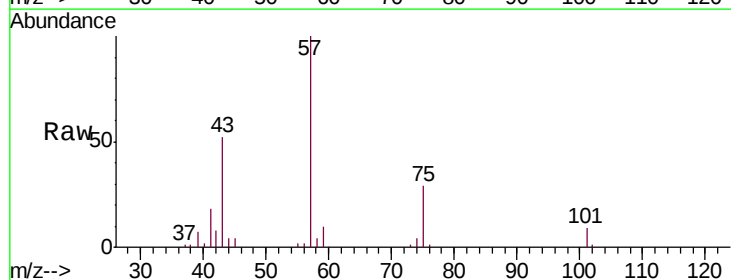
Tgt Ion: 75 Resp: 16853

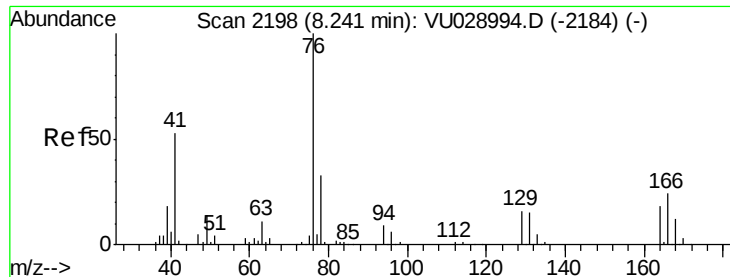
Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

39 25.1 32.2 48.4#

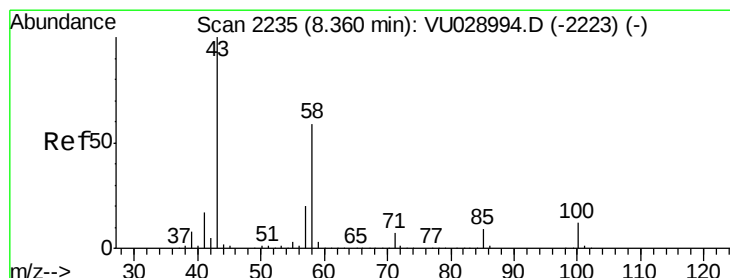
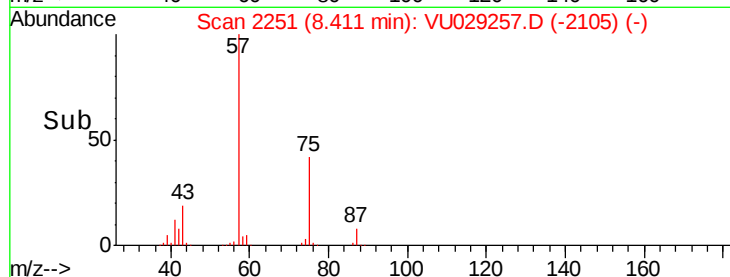
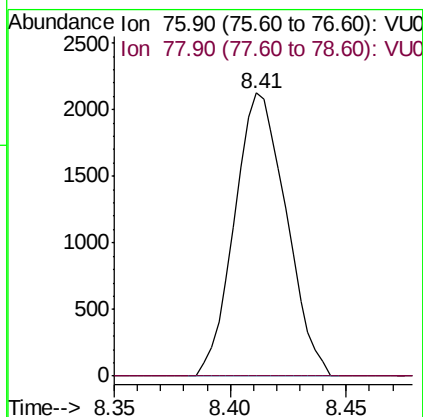
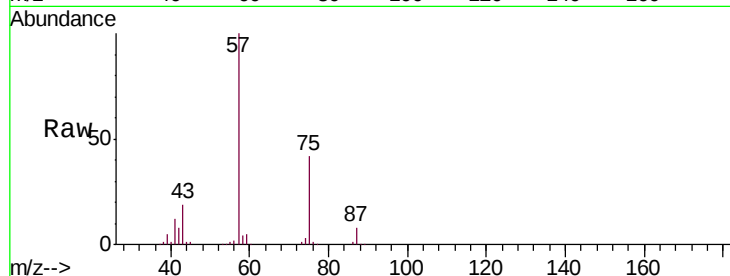




#57
 1,3-Dichloropropane
 Concen: 1.279 ug/l
 RT: 8.41 min Scan# 2251
 Delta R.T. 0.17 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

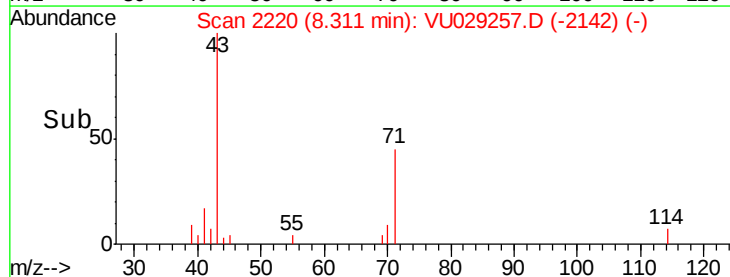
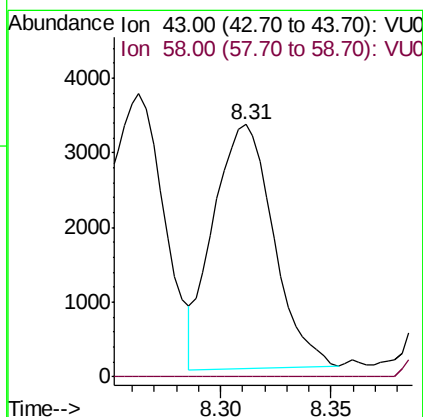
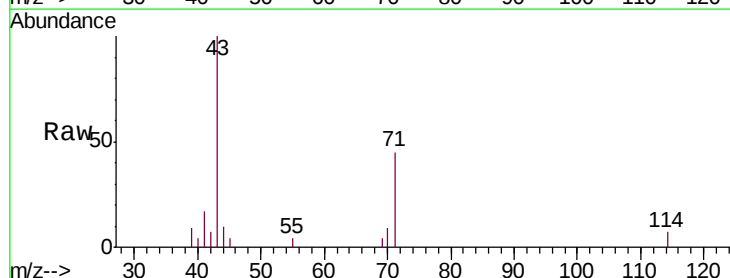
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-B

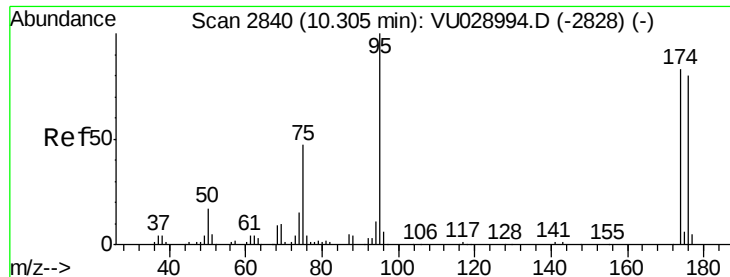
Tgt Ion: 76 Resp: 3290
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#



#59
 2-Hexanone
 Concen: 3.474 ug/l
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

Tgt Ion: 43 Resp: 6175
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.8 89.4#





#62

4-Bromofluorobenzene

Concen: 46.294 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-B

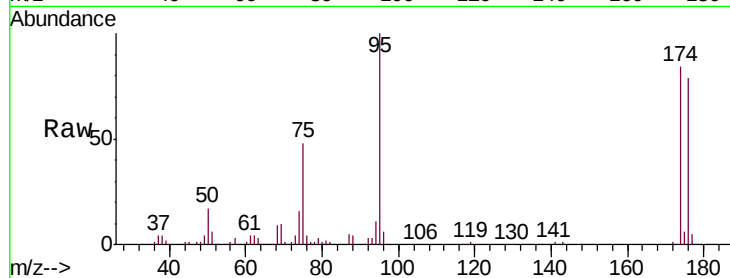
Tgt Ion: 95 Resp: 84167

Ion Ratio Lower Upper

95 100

174 84.2 0.0 170.6

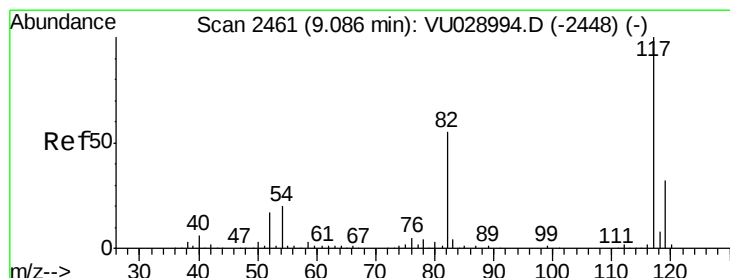
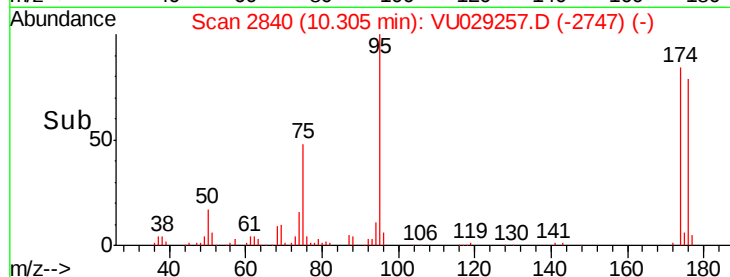
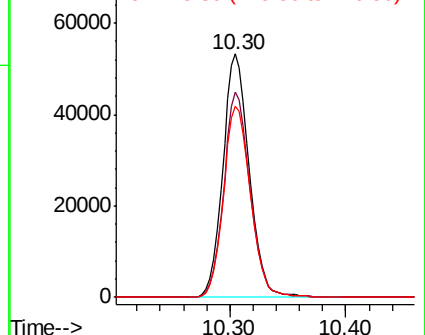
176 80.4 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

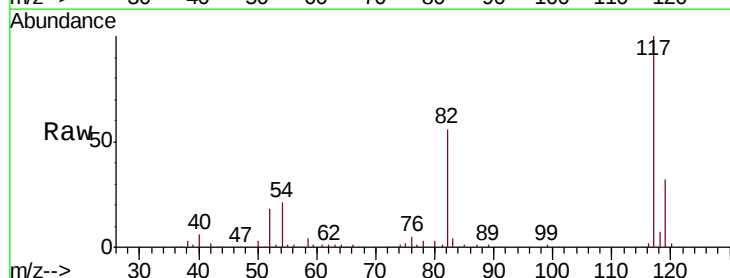
Tgt Ion: 117 Resp: 186845

Ion Ratio Lower Upper

117 100

82 56.2 43.9 65.9

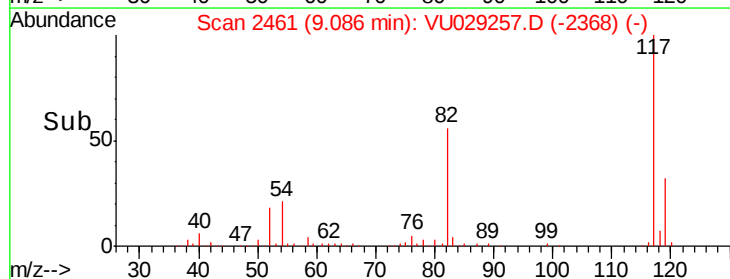
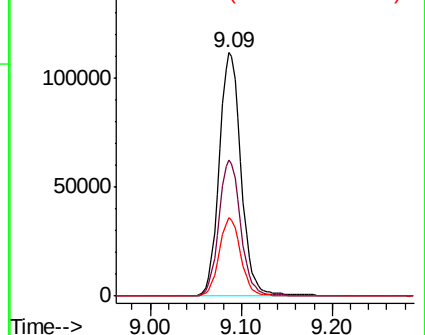
119 32.0 26.0 39.0

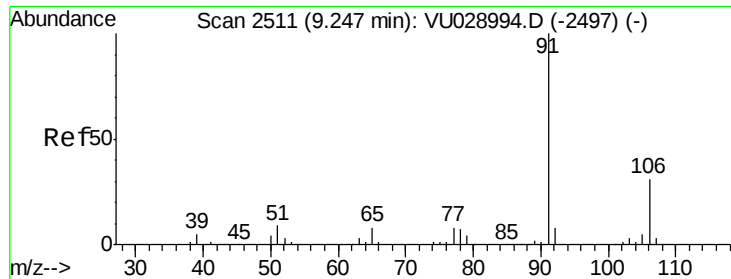


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028994.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028994.D (-2448) (-)

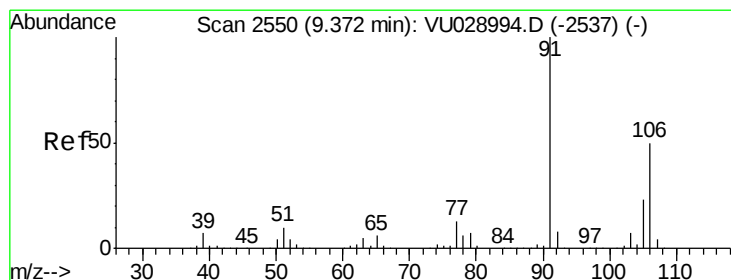
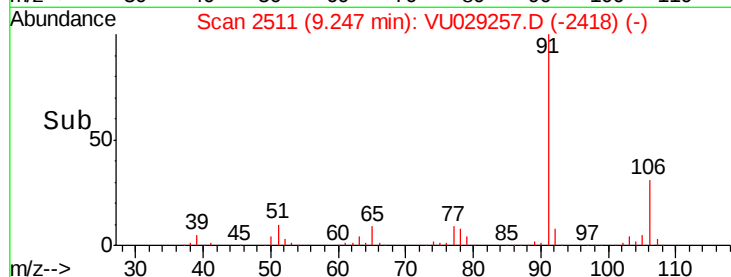
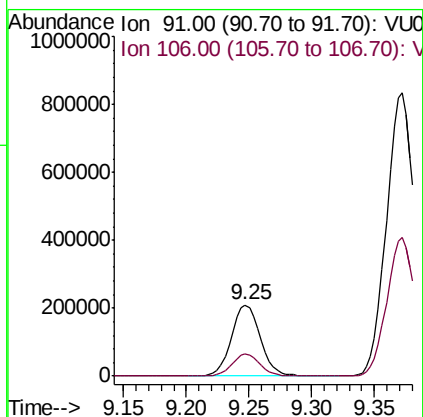
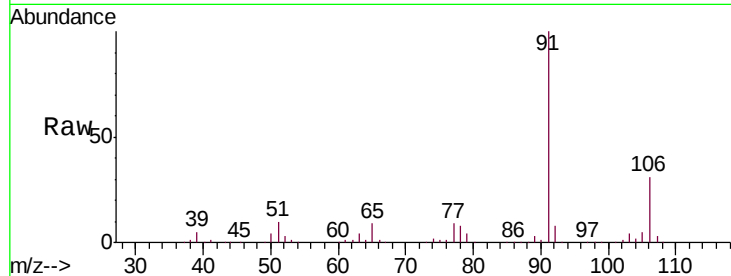




#67
Ethyl Benzene
Concen: 48.185 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

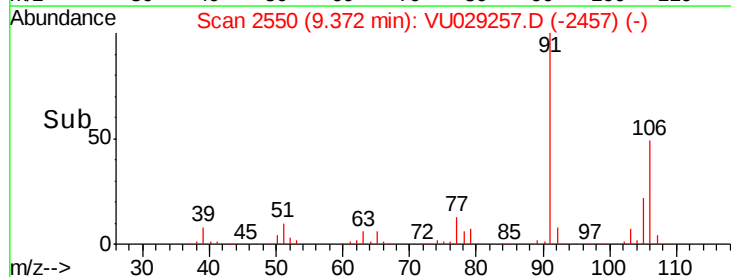
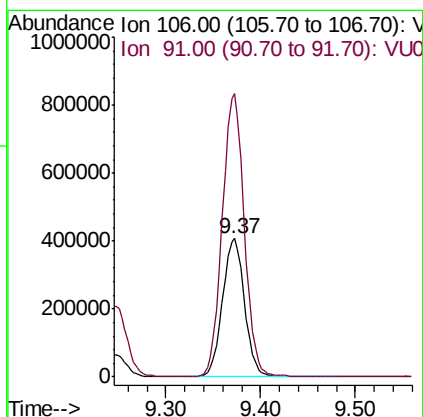
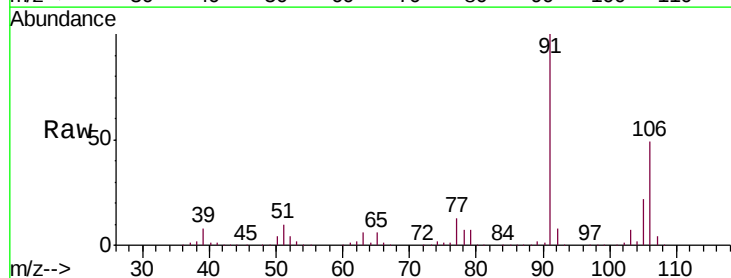
Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-B

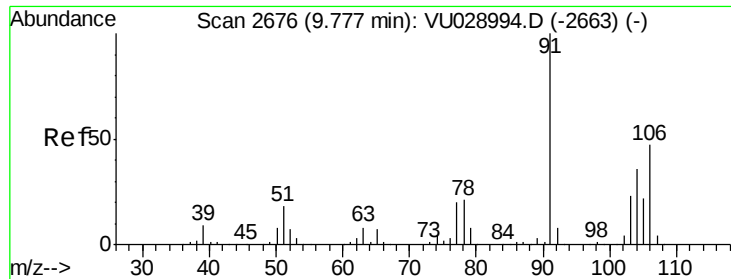
Tgt Ion: 91 Resp: 336929
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4



#68
m/p-Xylenes
Concen: 242.440 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

Tgt Ion: 106 Resp: 658685
Ion Ratio Lower Upper
106 100
91 204.8 161.7 242.5

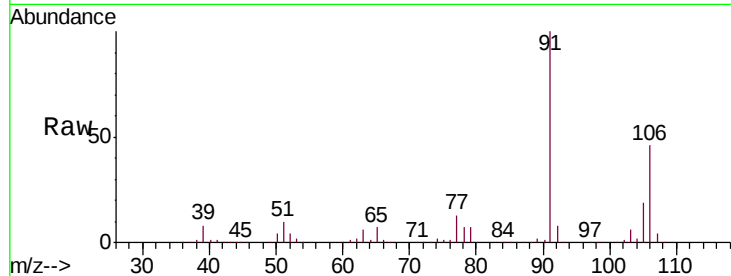




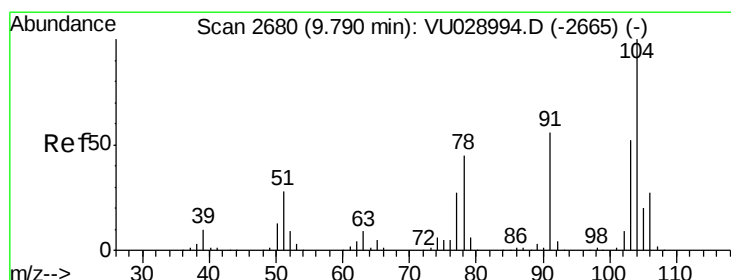
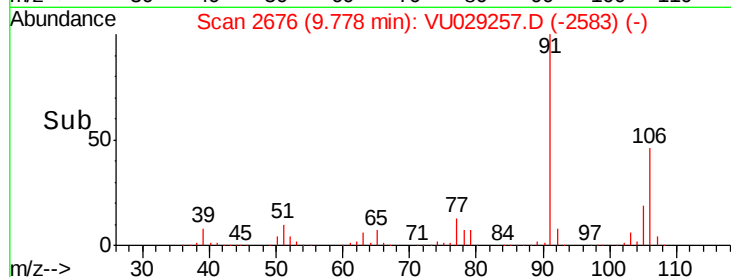
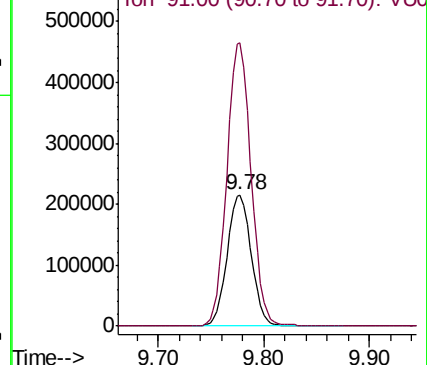
#69
o-Xylene
Concen: 130.804 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

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

Tgt Ion:106 Resp: 342422
Ion Ratio Lower Upper
106 100
91 215.5 106.1 318.3

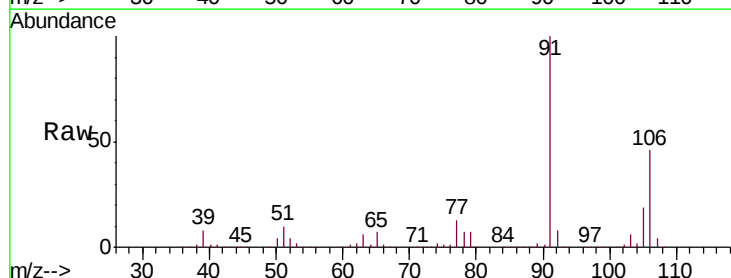


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

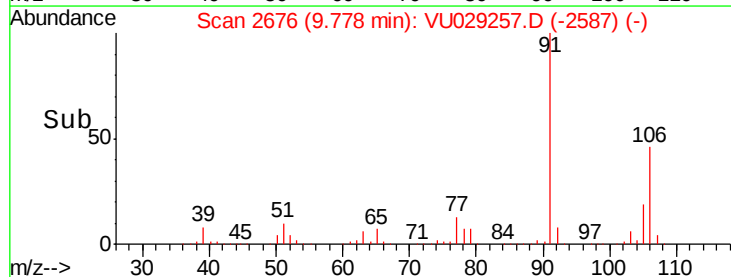
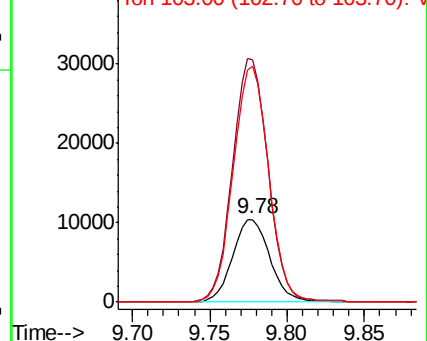


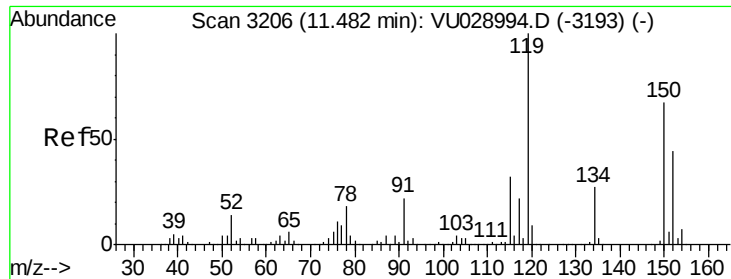
#70
Styrene
Concen: 4.077 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

Tgt Ion:104 Resp: 17497
Ion Ratio Lower Upper
104 100
78 279.6 38.6 58.0#
103 270.2 44.5 66.7#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-B

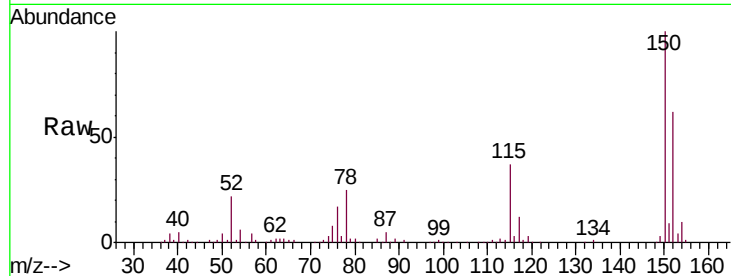
Tgt Ion:152 Resp: 76632

Ion Ratio Lower Upper

152 100

115 60.3 40.1 120.3

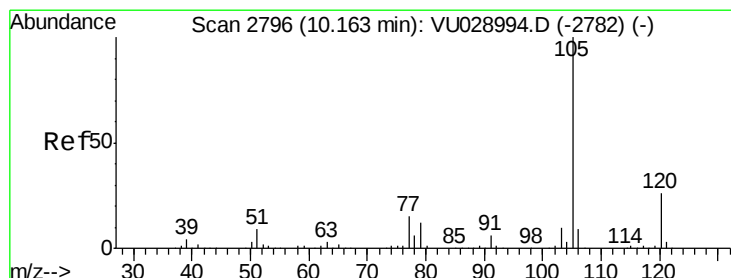
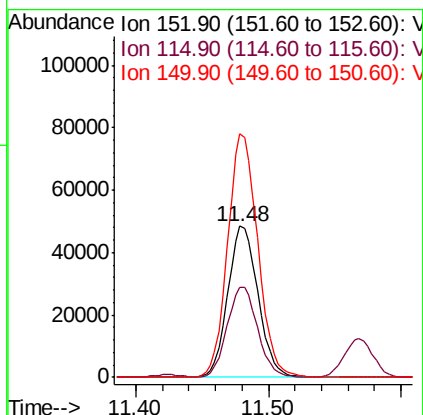
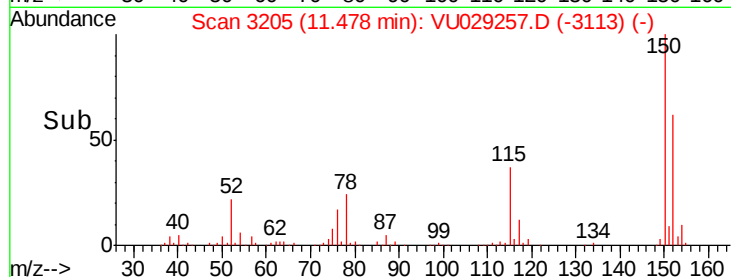
150 160.5 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.977 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029257.D

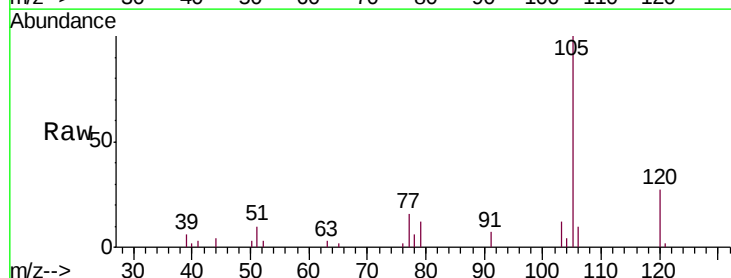
Acq: 21 Jan 2019 18:32

Tgt Ion:105 Resp: 11211

Ion Ratio Lower Upper

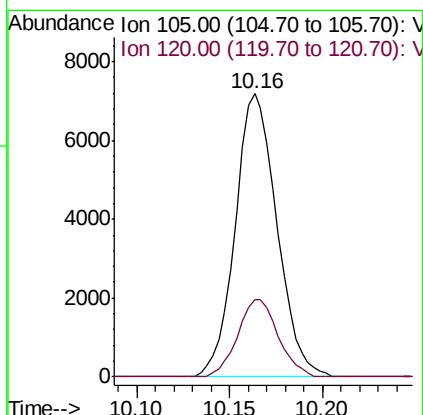
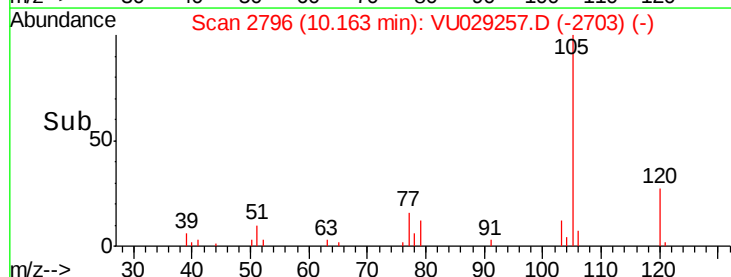
105 100

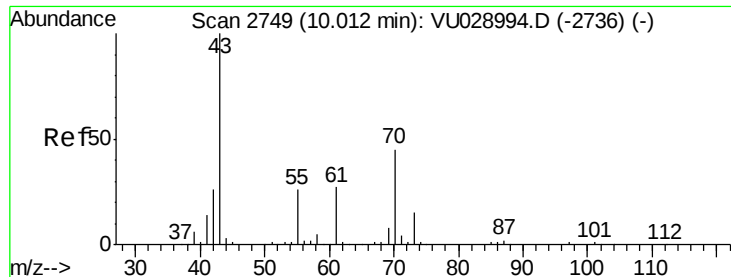
120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 0.261 ug/l

RT: 9.98 min Scan# 2740

Delta R.T. -0.03 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-B

Tgt Ion: 43 Resp: 639

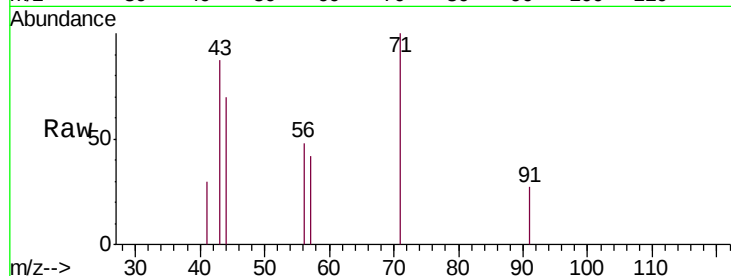
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 0.0 20.5 30.7#

61 0.0 21.8 32.8#

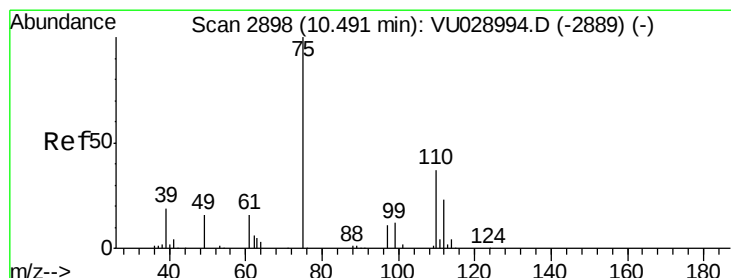
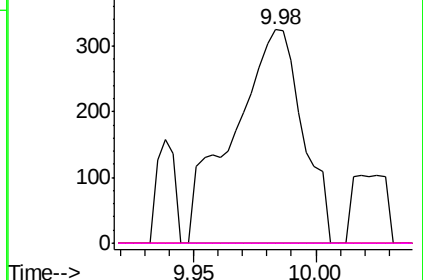
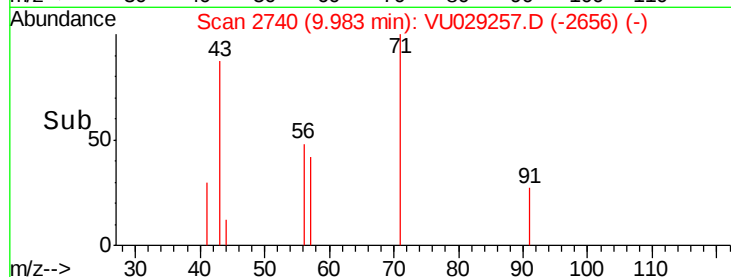


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#76

1,2,3-Trichloropropane

Concen: 21.523 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029257.D

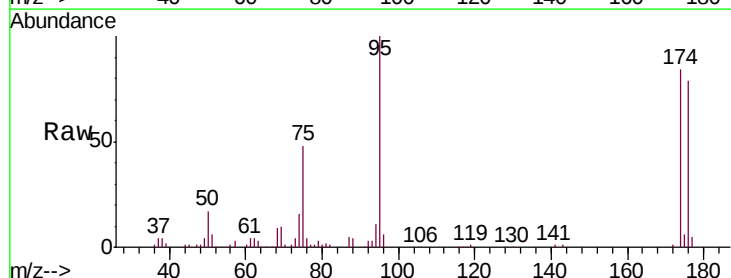
Acq: 21 Jan 2019 18:32

Tgt Ion: 75 Resp: 40411

Ion Ratio Lower Upper

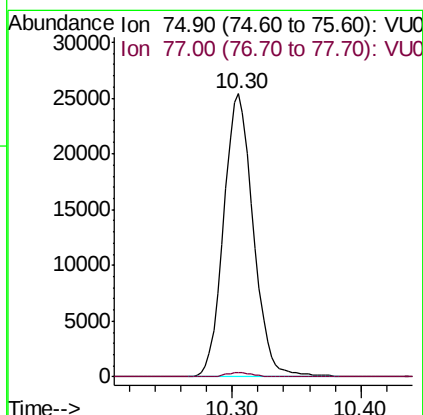
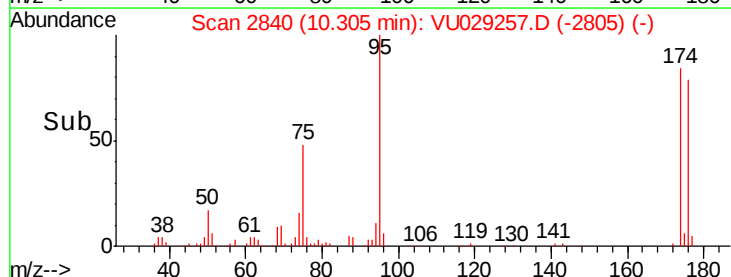
75 100

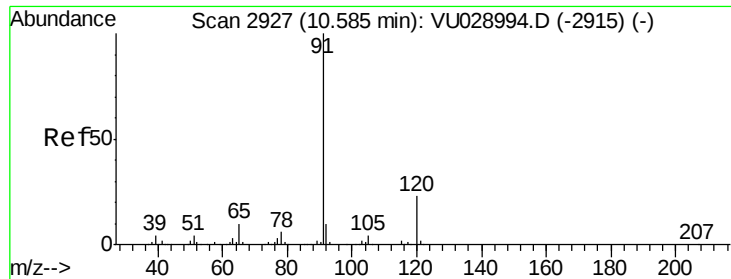
77 0.0 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

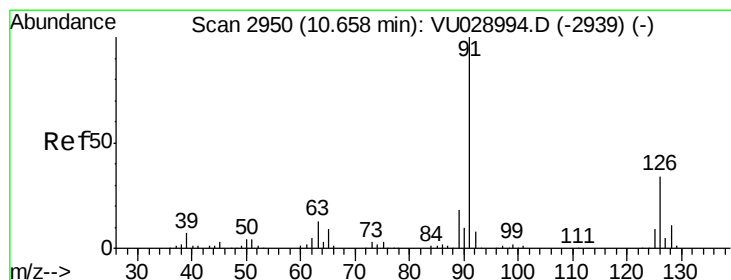
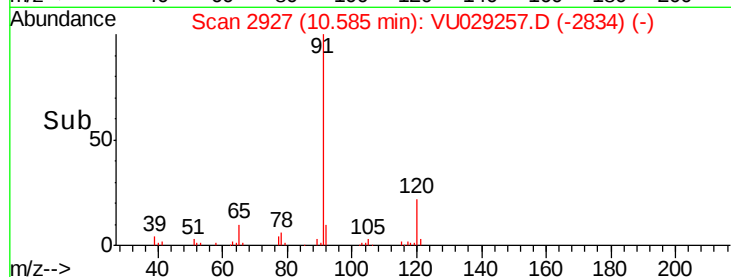
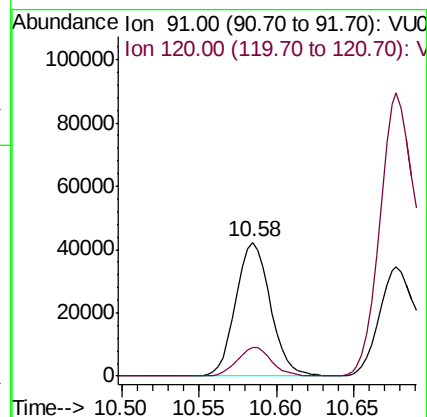
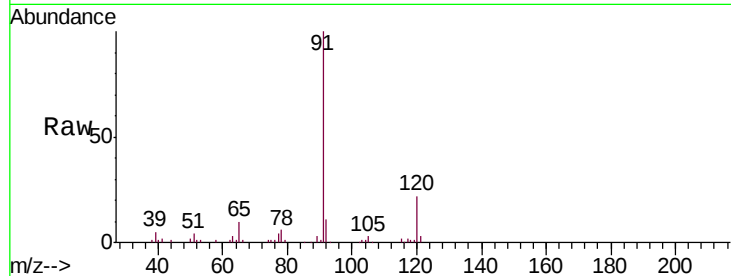




#78
n-propylbenzene
Concen: 9.870 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. 0.00 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

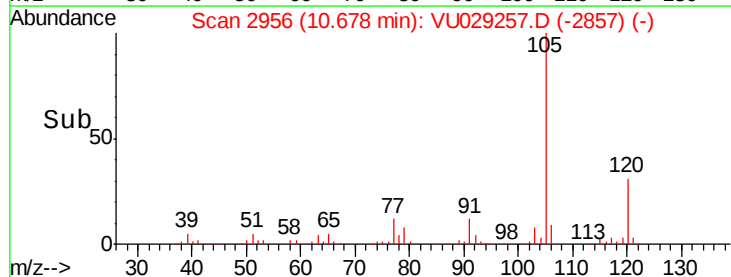
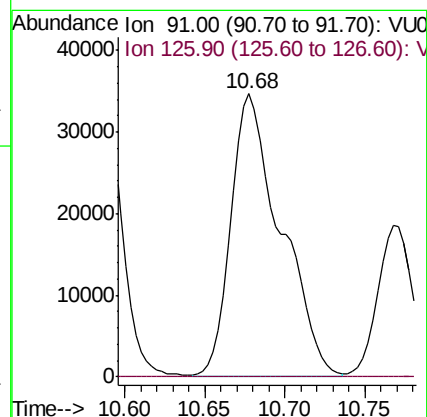
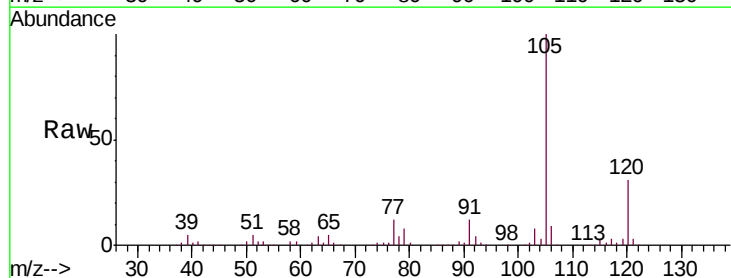
Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-B

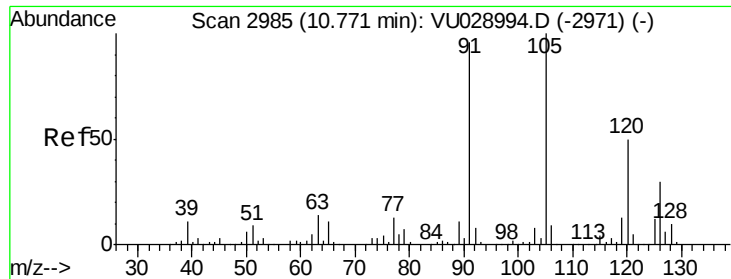
Tgt Ion: 91 Resp: 65979
Ion Ratio Lower Upper
91 100
120 21.6 11.3 33.9



#79
2-Chlorotoluene
Concen: 18.298 ug/l
RT: 10.68 min Scan# 2956
Delta R.T. 0.02 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

Tgt Ion: 91 Resp: 74196
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#

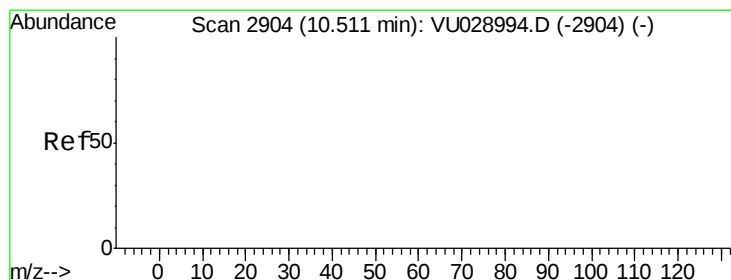
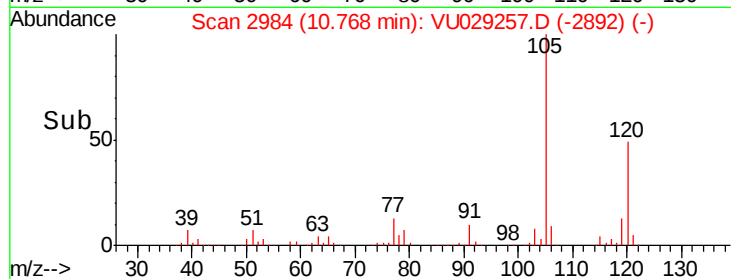
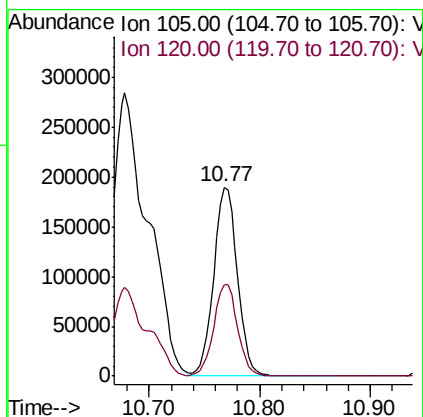
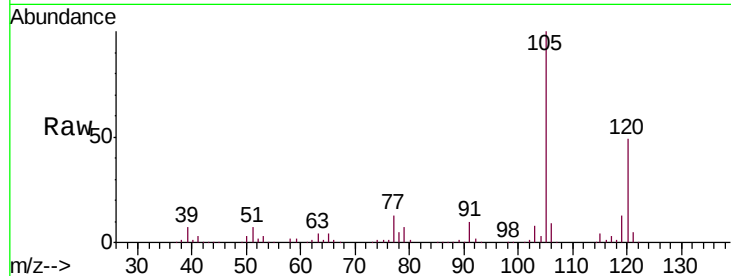




#80
 1,3,5-Trimethylbenzene
 Concen: 59.533 ug/l
 RT: 10.77 min Scan# 2984
 Delta R.T. -0.00 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

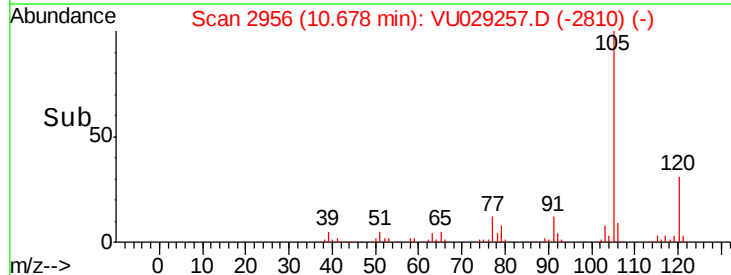
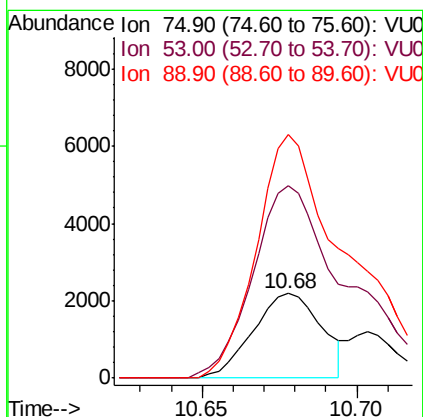
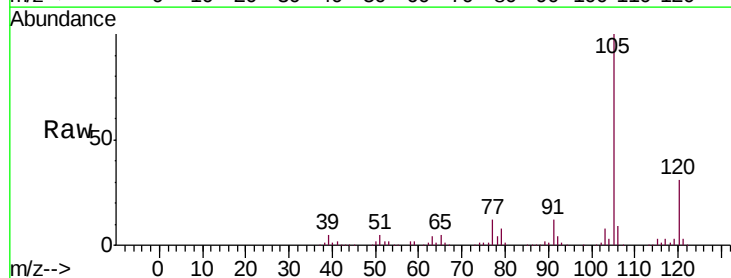
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-B

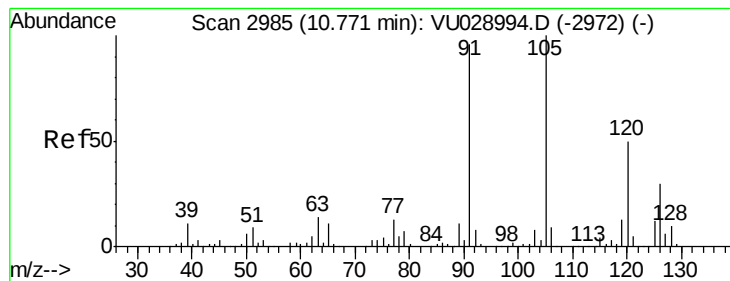
Tgt Ion: 105 Resp: 281988
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.625 ug/l
 RT: 10.68 min Scan# 2956
 Delta R.T. 0.17 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

Tgt Ion: 75 Resp: 3367
 Ion Ratio Lower Upper
 75 100
 53 310.2 0.0 0.0#
 89 381.6 0.0 0.0#





#82

4-Chlorotoluene

Concen: 6.159 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

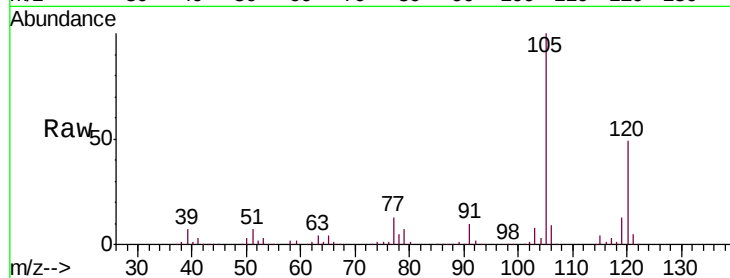
CL-01-011819-B

Tgt Ion: 91 Resp: 28636

Ion Ratio Lower Upper

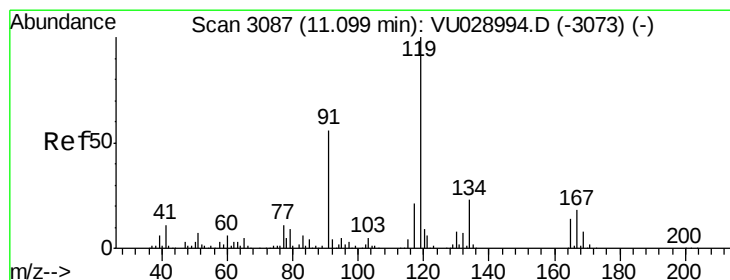
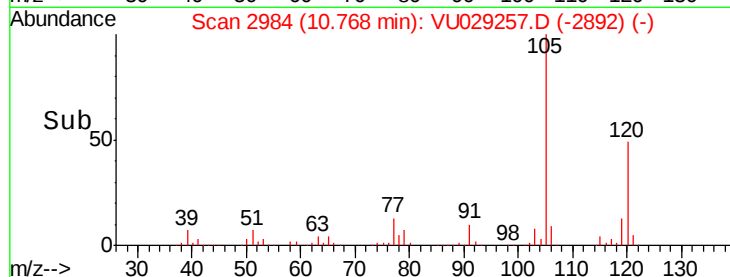
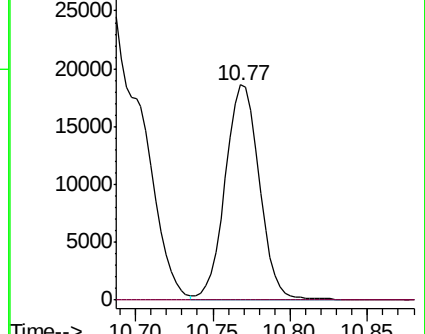
91 100

126 0.0 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VU028994.D (-2972) (-)

Ion 125.90 (125.60 to 126.60): VU028994.D (-2972) (-)



#83

tert-Butylbenzene

Concen: 40.383 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.05 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

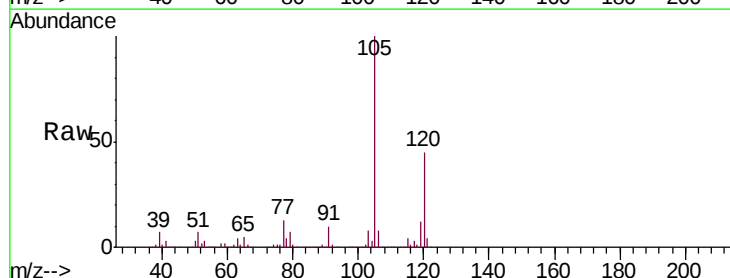
Tgt Ion: 119 Resp: 188531

Ion Ratio Lower Upper

119 100

91 84.0 28.2 84.6

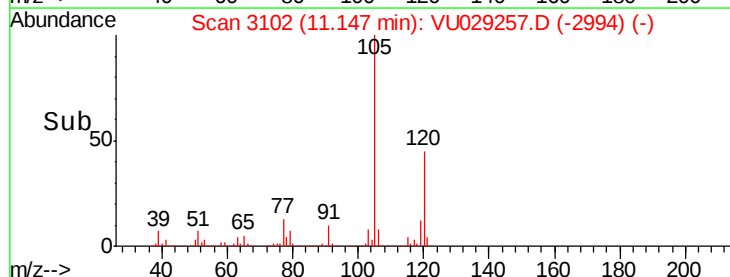
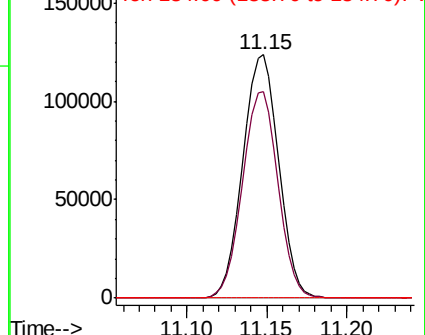
134 0.0 11.3 33.8#

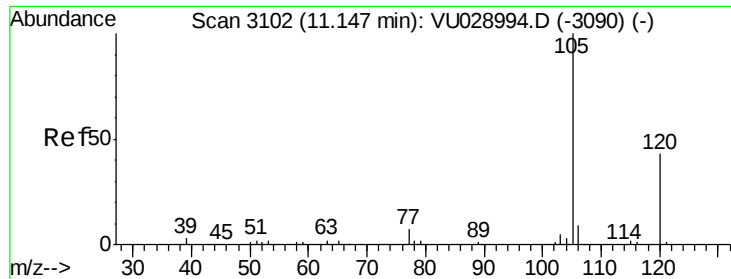


Abundance Ion 119.00 (118.70 to 119.70): VU028994.D (-3073) (-)

Ion 91.00 (90.70 to 91.70): VU028994.D (-3073) (-)

Ion 134.00 (133.70 to 134.70): VU028994.D (-3073) (-)

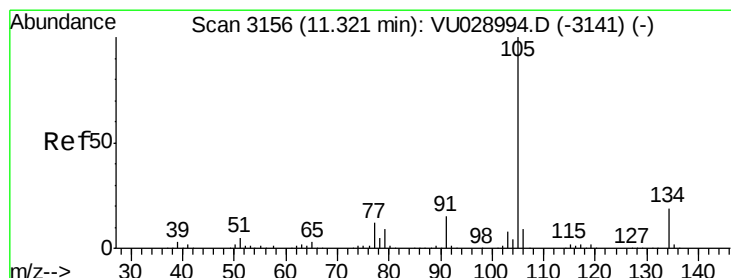
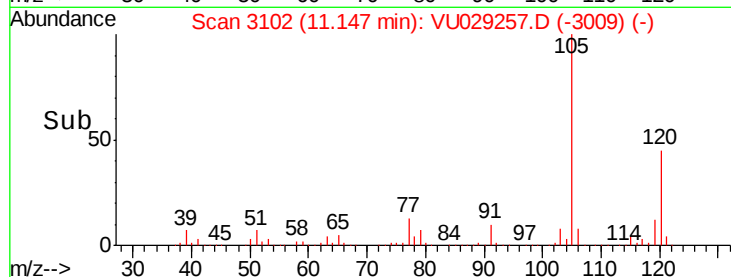
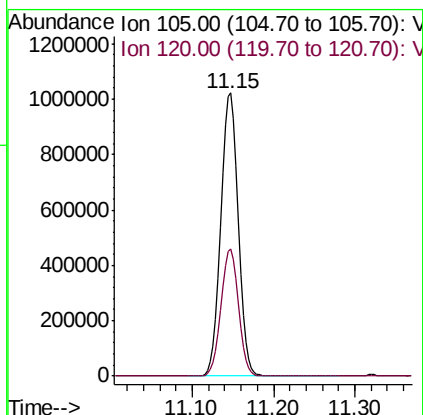
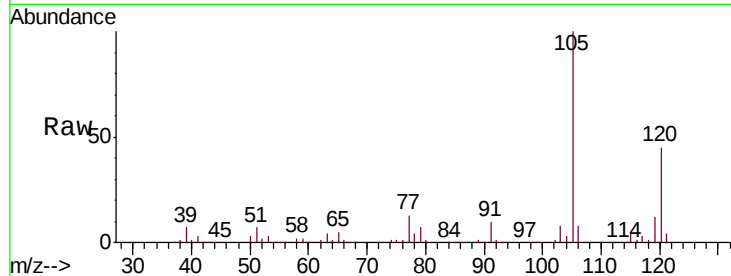




#84
 1,2,4-Trimethylbenzene
 Concen: 328.994 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

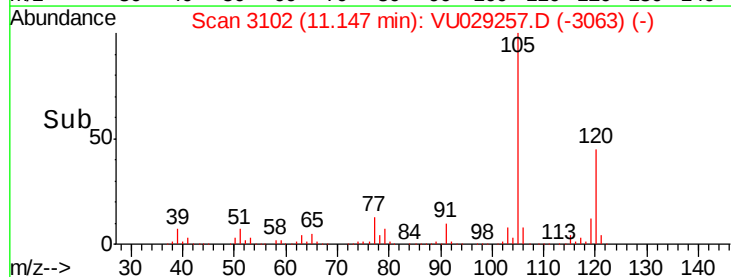
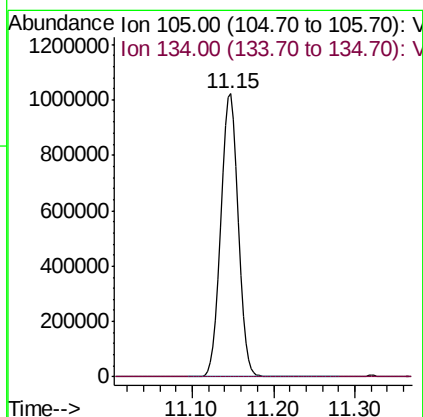
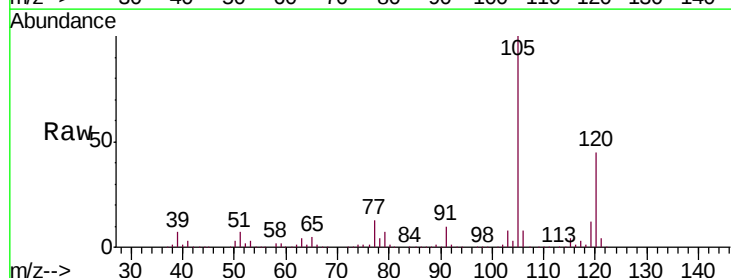
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-B

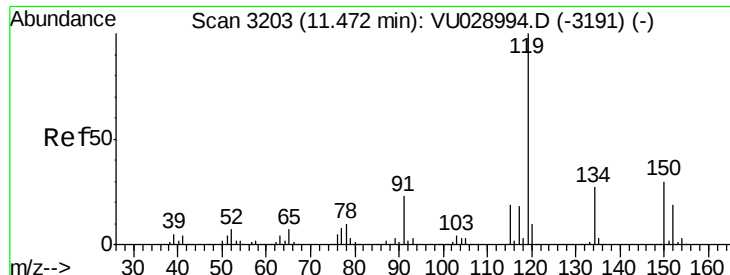
Tgt Ion:105 Resp: 1555832
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 275.555 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.17 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

Tgt Ion:105 Resp: 1555832
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

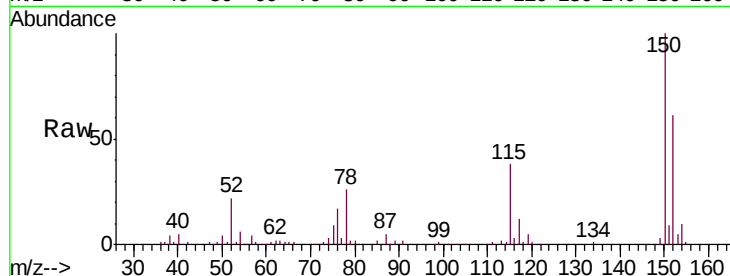




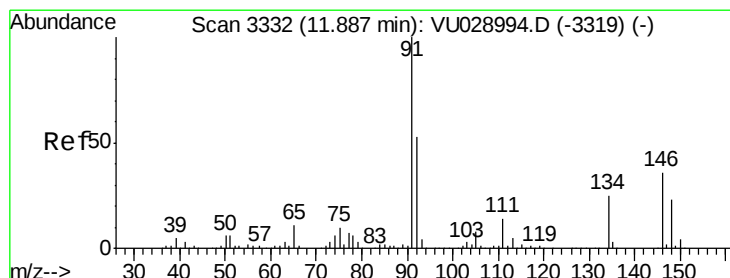
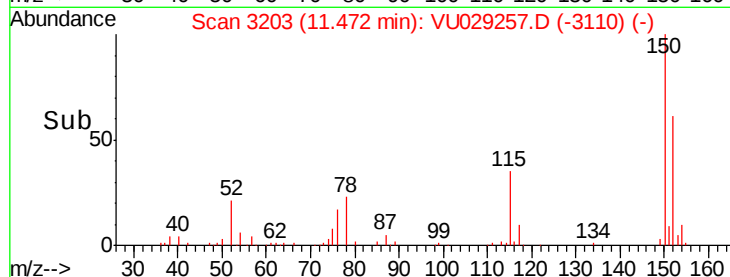
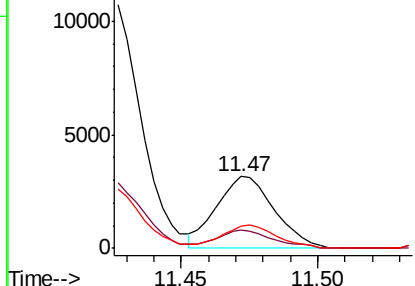
#86
p-Isopropyltoluene
Concen: 0.973 ug/l
RT: 11.47 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

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

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.4	13.5	40.4
91	31.0	11.3	33.8

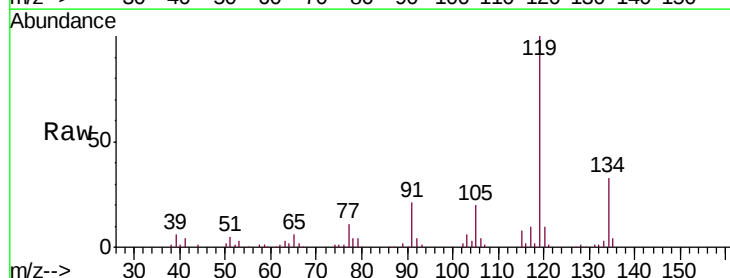


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

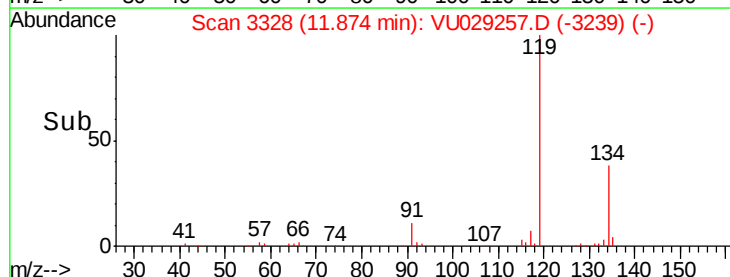
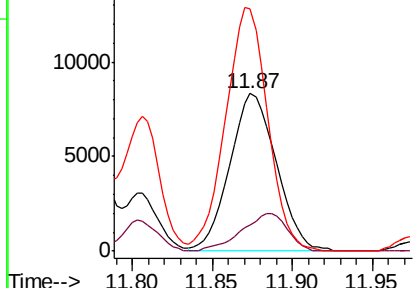


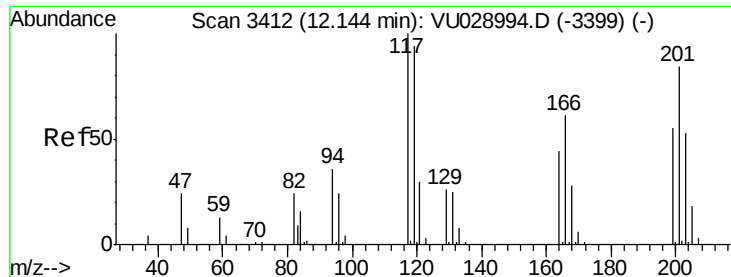
#89
n-Butylbenzene
Concen: 3.871 ug/l
RT: 11.87 min Scan# 3328
Delta R.T. -0.01 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	23.5	26.2	78.5#
134	139.1	12.6	37.6#



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

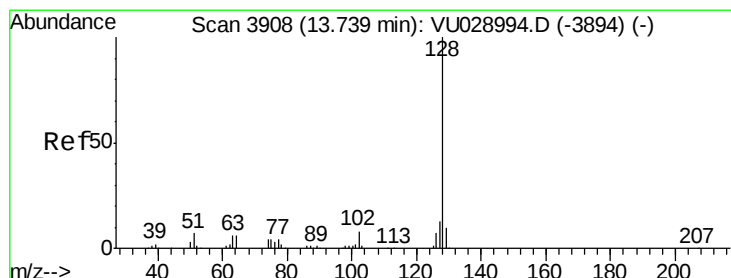
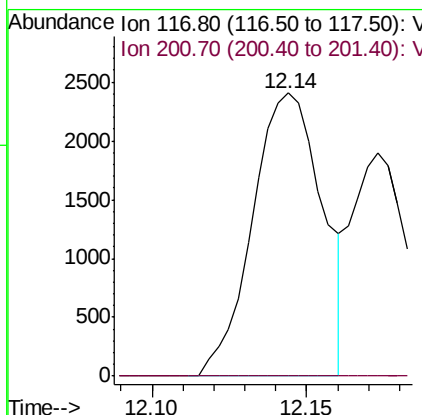
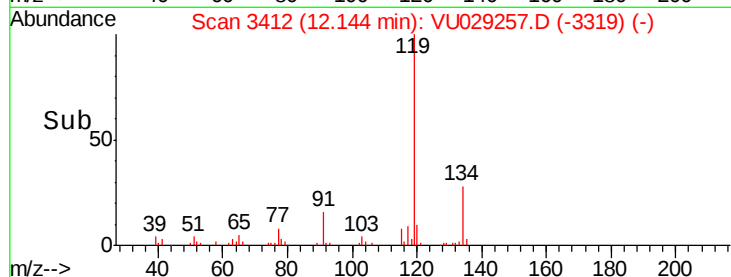
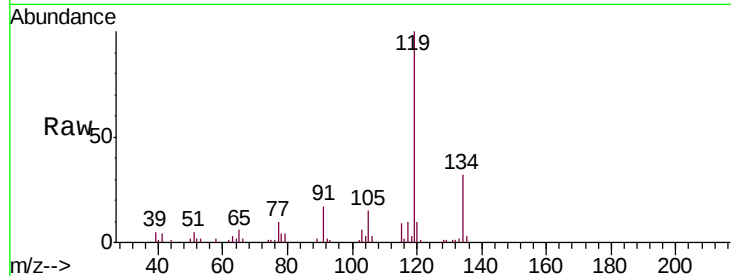




#90
Hexachloroethane
Concen: 4.647 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

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

Tgt Ion:117 Resp: 3761
Ion Ratio Lower Upper
117 100
201 0.0 42.4 127.3#



#95
Naphthalene
Concen: 8.973 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

Tgt Ion:128 Resp: 53209
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.8 8.5 12.7

