

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034336.D
 Acq On : 06 Sep 2019 17:20
 Operator : JC/SP
 Sample : K4661-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

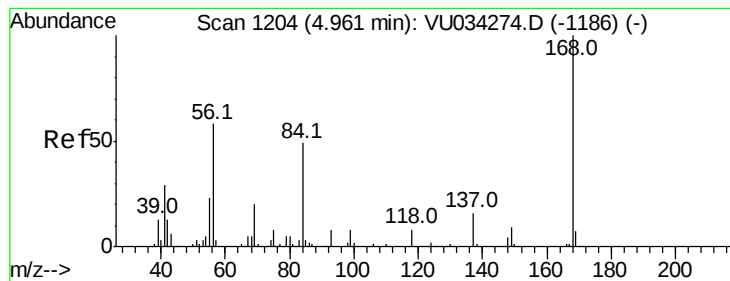
Quant Time: Sep 06 17:54:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	311486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	472696	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	468544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	287312	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	248811	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
35) Dibromofluoromethane	4.86	113	214544	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
50) Toluene-d8	7.55	98	831231	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	10.29	95	296289	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.60	94	70	Below Cal	#	2
6) Chloroethane	1.70	64	267	Below Cal	#	43
10) Methyl Iodide	2.41	142	78	3.868	ug/l #	43
11) Tert butyl alcohol	2.83	59	3625	3.641	ug/l #	73
16) Acetone	2.31	43	15191	6.229	ug/l	98
18) Methyl Acetate	2.61	43	4016	0.677	ug/l	92
20) Methylene Chloride	2.69	84	77244	19.089	ug/l	99
29) Tetrahydrofuran	4.65	42	434	0.219	ug/l #	35
31) Cyclohexane	4.96	56	4619	0.837	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	21177	4.131	ug/l #	48
38) Carbon Tetrachloride	4.96	117	26494	4.840	ug/l #	16
43) Isopropyl Acetate	5.53	43	77493	8.196	ug/l	99
48) Methyl methacrylate	6.53	41	4382	0.976	ug/l #	13
49) 1,4-Dioxane	6.68	88	158	1.611	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	65419	9.995	ug/l #	46
52) Toluene	7.62	92	2325	0.224	ug/l	96
54) cis-1,3-Dichloropropene	7.40	75	37637	5.294	ug/l #	62
56) Ethyl methacrylate	7.95	69	170	3.099	ug/l #	28
57) 1,3-Dichloropropane	8.40	76	6479	0.844	ug/l #	43
59) 2-Hexanone	8.29	43	80735	16.512	ug/l #	22
68) m/p-Xylenes	9.36	106	2759	0.377	ug/l	91
69) o-Xylene	9.76	106	1908	0.267	ug/l	78
74) N-ethyl acetate	9.92	43	3063	0.407	ug/l #	40
76) 1,2,3-Trichloropropane	10.29	75	138646	22.107	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.76	105	6477	0.414	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.29	75	138646	74.345	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.13	105	10897	0.692	ug/l	97
93) 1,2,4-Trichlorobenzene	13.49	180	400	3.506	ug/l #	50
95) Naphthalene	13.72	128	804844	42.663	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	155	2.661	ug/l #	39

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

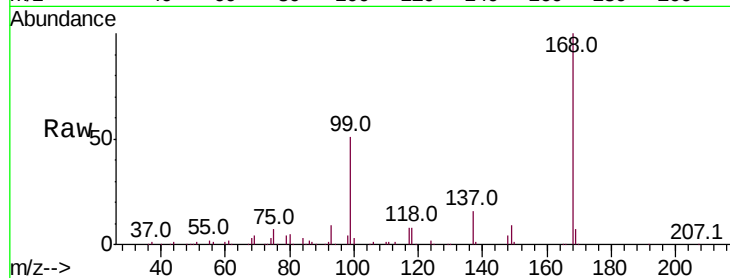
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 311486

Ion Ratio Lower Upper

168 100

99 51.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

150000

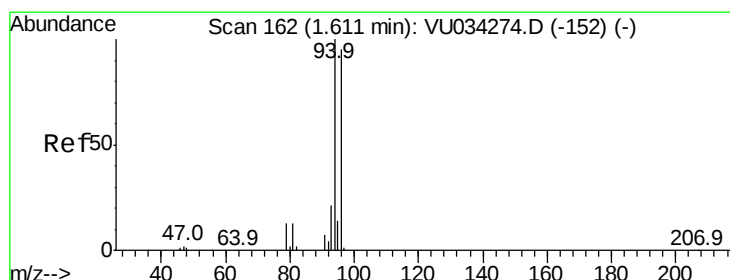
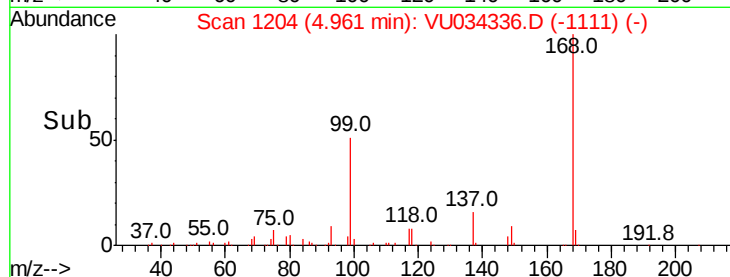
100000

50000

0

4.90 5.00 5.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.60 min Scan# 158

Delta R.T. -0.01 min

Lab File: VU034336.D

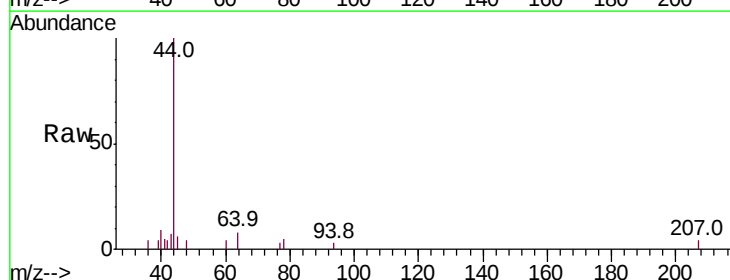
Acq: 06 Sep 2019 17:20

Tgt Ion: 94 Resp: 70

Ion Ratio Lower Upper

94 100

96 0.0 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VU034274.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034274.D (-152) (-)

1.60

150

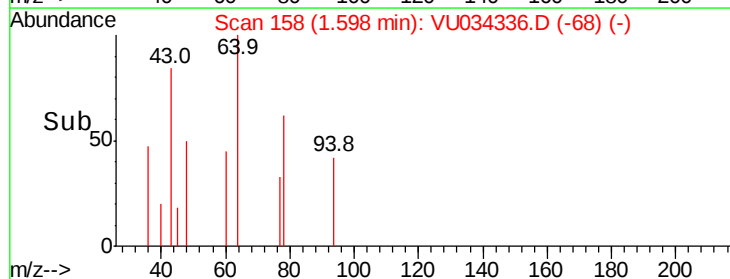
100

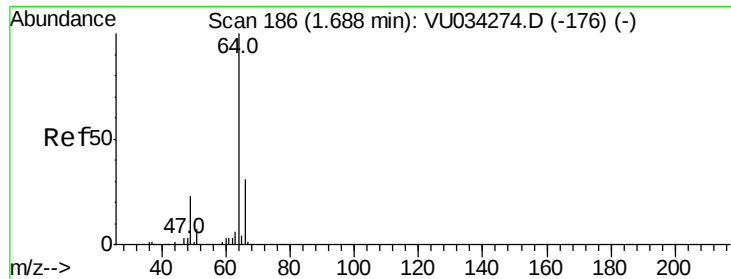
50

0

1.59 1.60 1.61

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 189

Delta R.T. 0.01 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

Instrument :

MSVOA_U

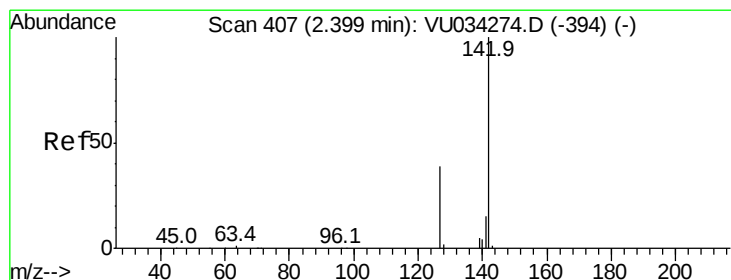
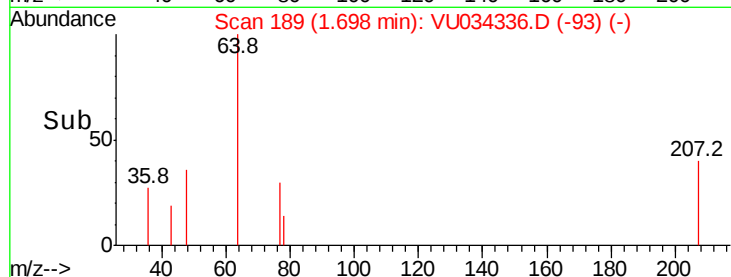
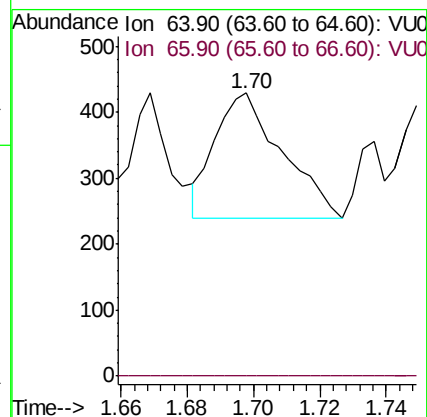
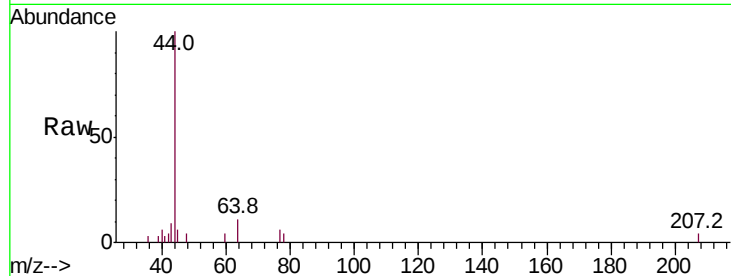
ClientSampleId :

Tot Ion: 64 Resp: 267

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



#10

Methyl Iodide

Concen: 3.868 ug/l

RT: 2.41 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

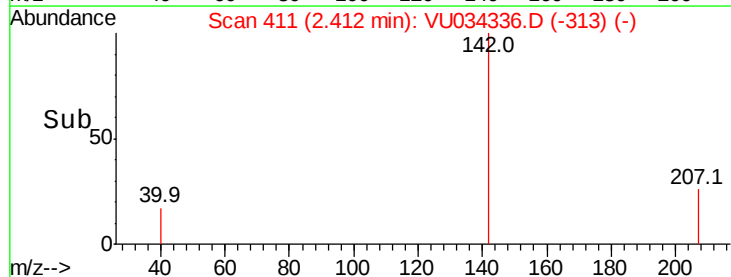
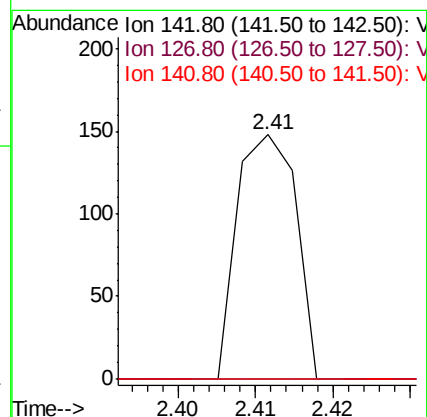
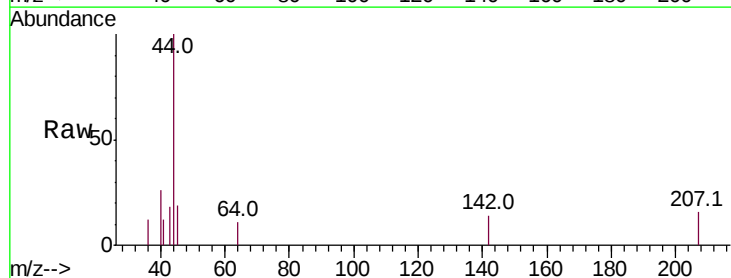
Tgt Ion: 142 Resp: 78

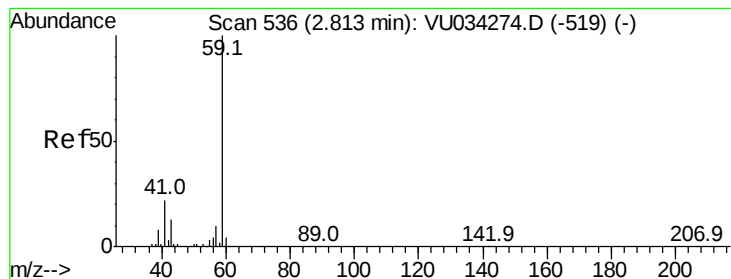
Ion Ratio Lower Upper

142 100

127 0.0 32.1 48.1#

141 0.0 11.5 17.3#



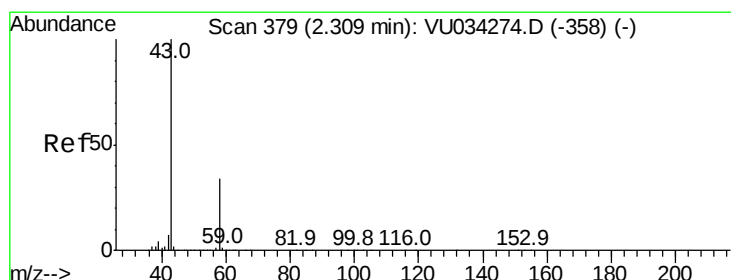
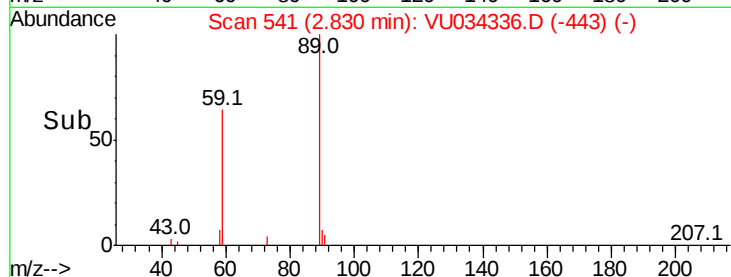
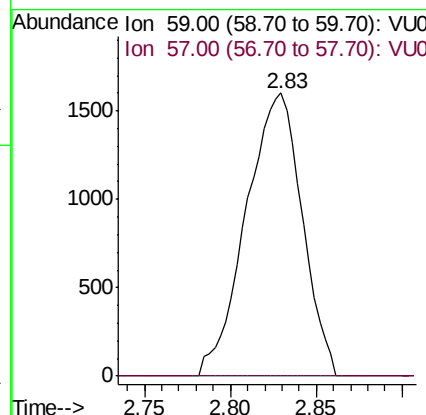
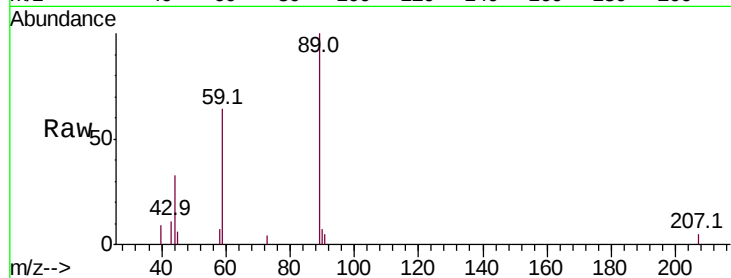


#11

Tert butyl alcohol
 Concen: 3.641 ug/l
 RT: 2.83 min Scan# 541
 Delta R.T. 0.02 min
 Lab File: VU034336.D
 Acq: 06 Sep 2019 17:20

Instrument :
 MSVOA_U
 ClientSampleId :

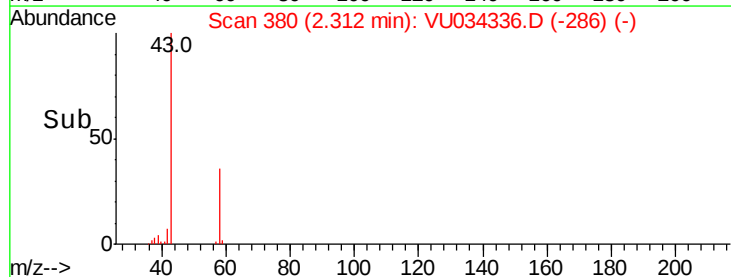
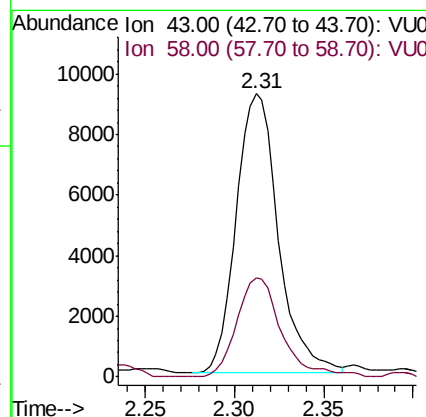
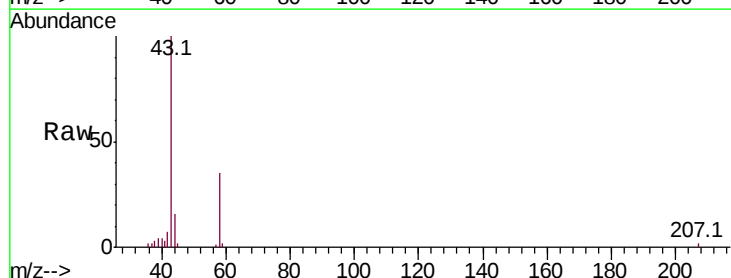
Tot Ion: 59 Resp: 3625
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

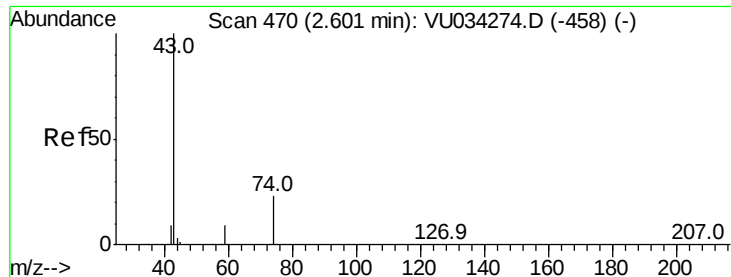


#16

Acetone
 Concen: 6.229 ug/l
 RT: 2.31 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VU034336.D
 Acq: 06 Sep 2019 17:20

Tgt Ion: 43 Resp: 15191
 Ion Ratio Lower Upper
 43 100
 58 35.4 27.6 41.4

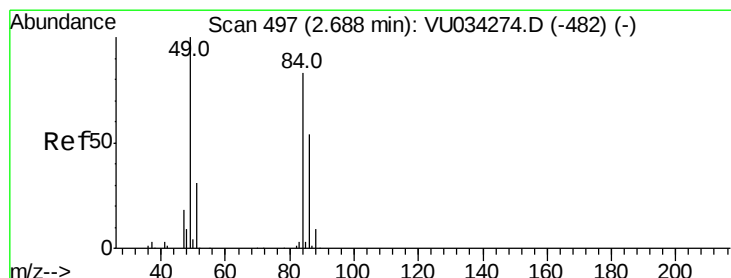
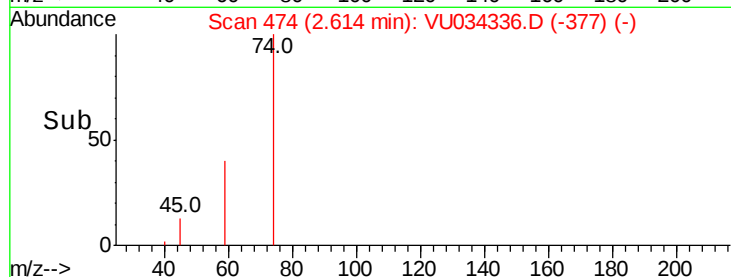
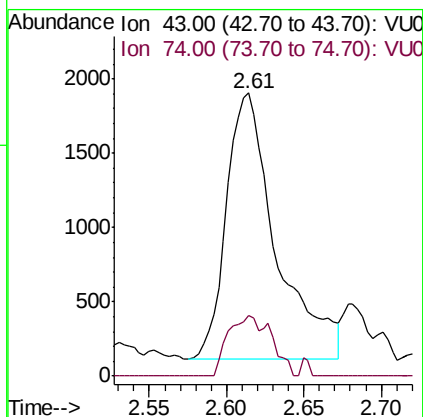
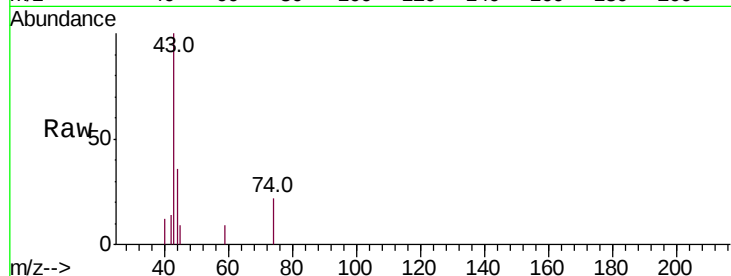




#18
Methyl Acetate
Concen: 0.677 ug/l
RT: 2.61 min Scan# 474
Delta R.T. 0.01 min
Lab File: VU034336.D
Acq: 06 Sep 2019 17:20

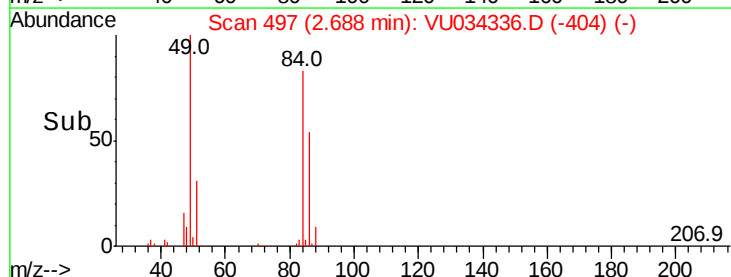
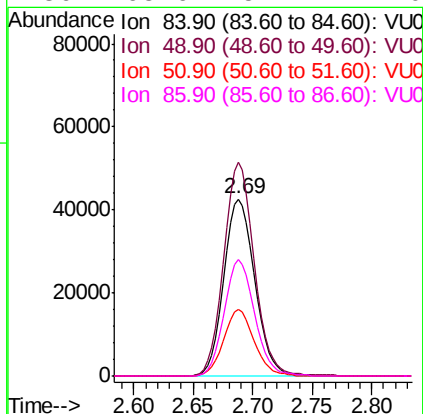
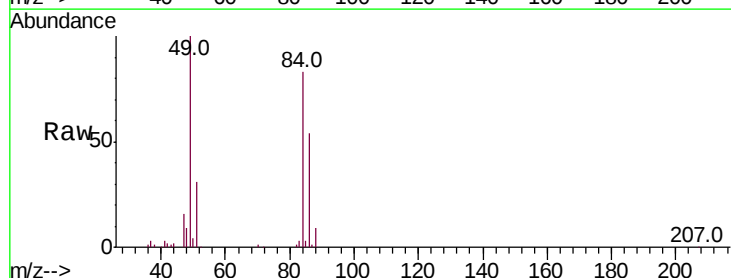
Instrument :
MSVOA_U
ClientSampled :

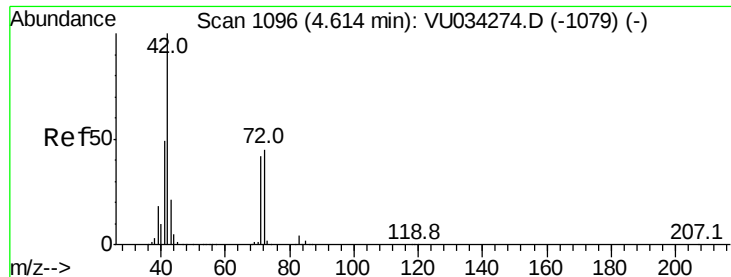
Tot Ion: 43 Resp: 4016
Ion Ratio Lower Upper
43 100
74 19.7 18.9 28.3



#20
Methylene Chloride
Concen: 19.089 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034336.D
Acq: 06 Sep 2019 17:20

Tgt Ion: 84 Resp: 77244
Ion Ratio Lower Upper
84 100
49 120.7 96.0 144.0
51 37.5 30.0 45.0
86 65.6 51.4 77.0





#29

Tetrahydrofuran

Concen: 0.219 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.04 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

Instrument :

MSVOA_U

ClientSampleId :

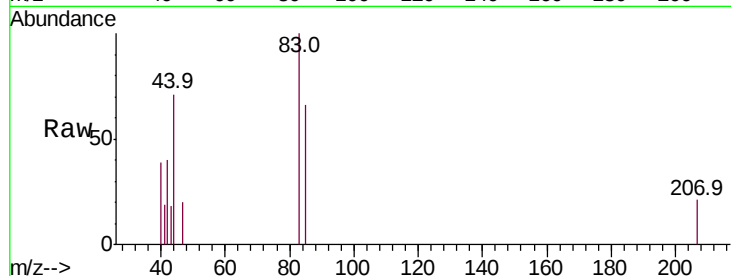
Tot Ion: 42 Resp: 434

Ion Ratio Lower Upper

42 100

72 4.4 36.6 54.8#

71 0.0 34.3 51.5#

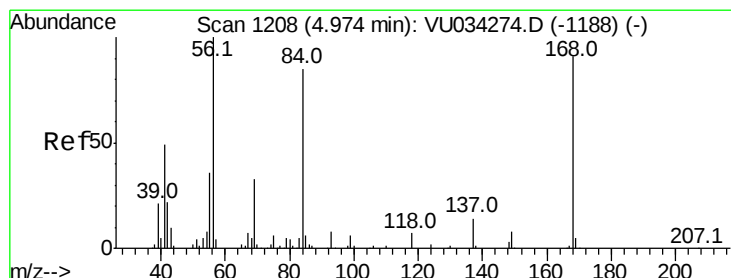
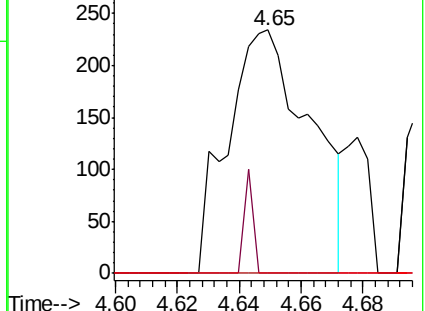
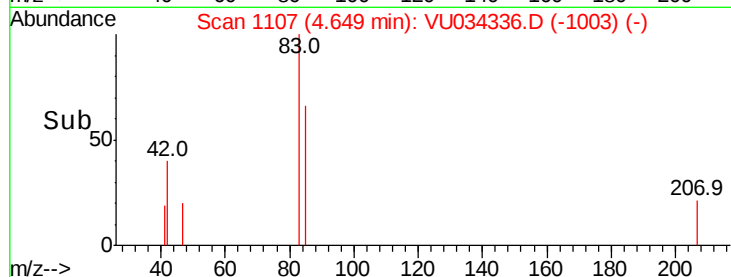


Abundance Ion 42.00 (41.70 to 42.70): VU034274.D (-1079) (-)

Ion 72.00 (71.70 to 72.70): VU034274.D (-1079) (-)

Ion 71.00 (70.70 to 71.70): VU034274.D (-1079) (-)

Time-->



#31

Cyclohexane

Concen: 0.837 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

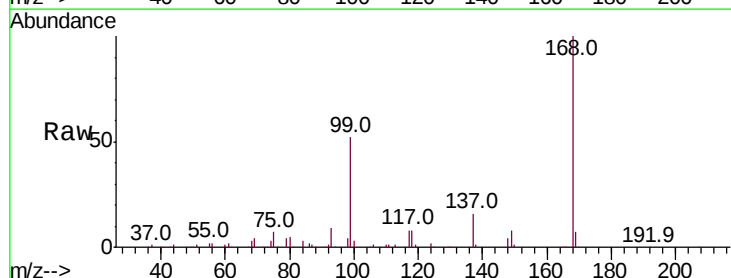
Tgt Ion: 56 Resp: 4619

Ion Ratio Lower Upper

56 100

69 238.4 26.7 40.1#

84 183.9 68.2 102.4#

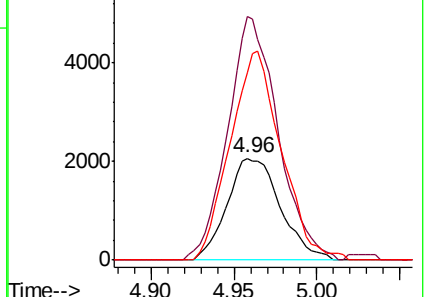
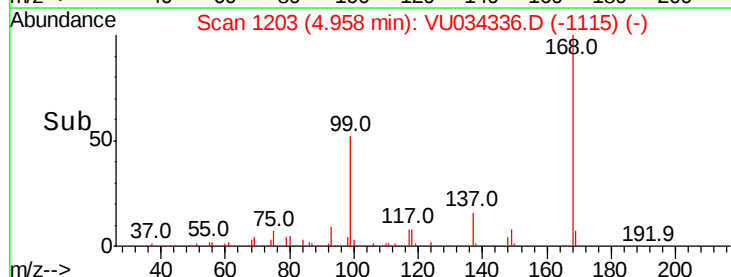


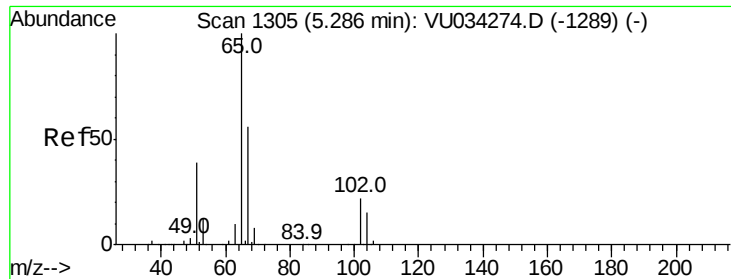
Abundance Ion 56.00 (55.70 to 56.70): VU034274.D (-1188) (-)

Ion 69.00 (68.70 to 69.70): VU034274.D (-1188) (-)

Ion 84.00 (83.70 to 84.70): VU034274.D (-1188) (-)

Time-->

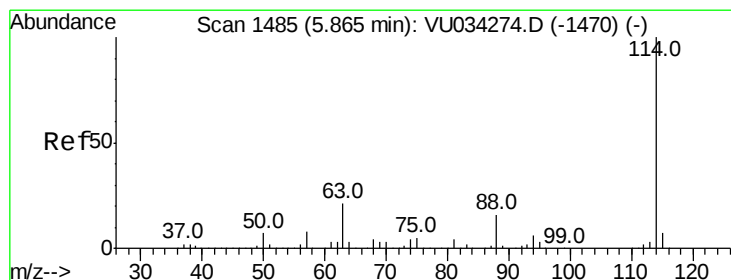
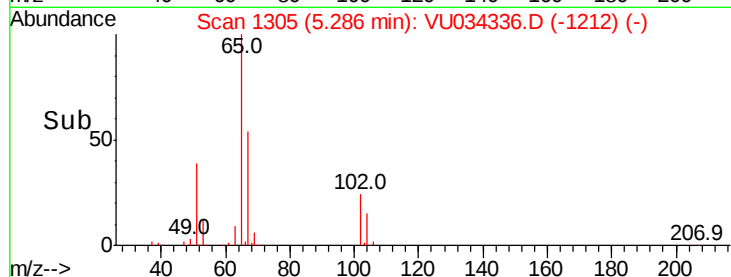
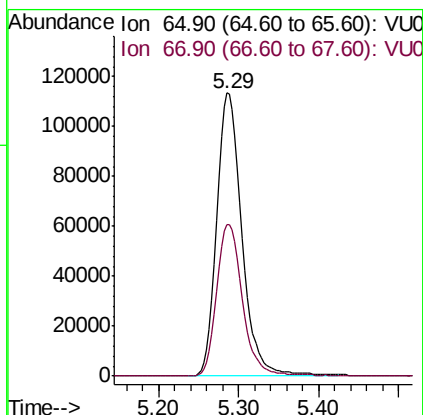
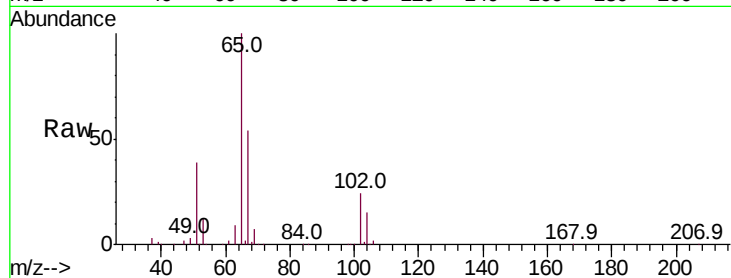




#33
 1,2-Dichloroethane-d4
 Concen: 52.794 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU034336.D
 Acq: 06 Sep 2019 17:20

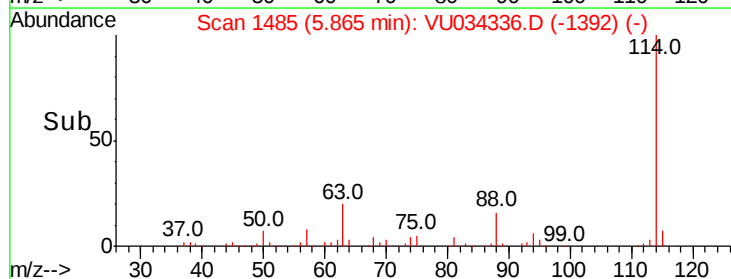
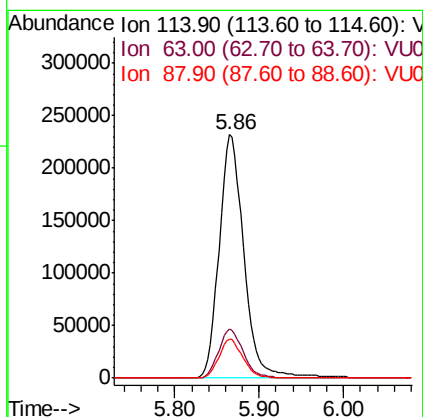
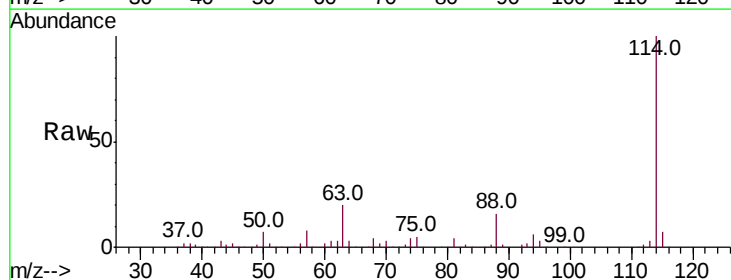
Instrument :
 MSVOA_U
 ClientSampleId :

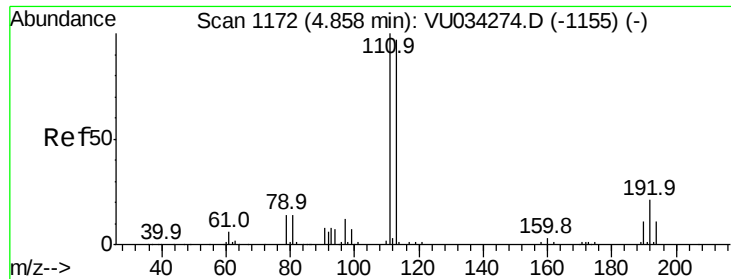
Tot Ion: 65 Resp: 248811
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU034336.D
 Acq: 06 Sep 2019 17:20

Tgt Ion: 114 Resp: 472696
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 16.2 0.0 32.4

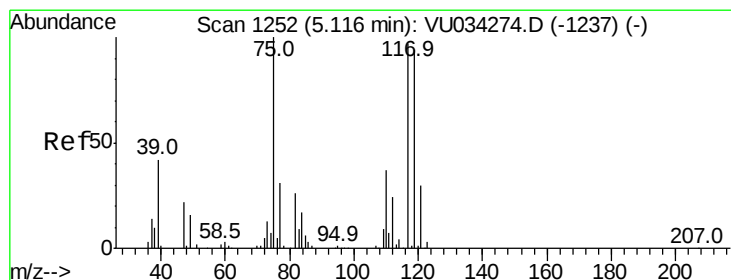
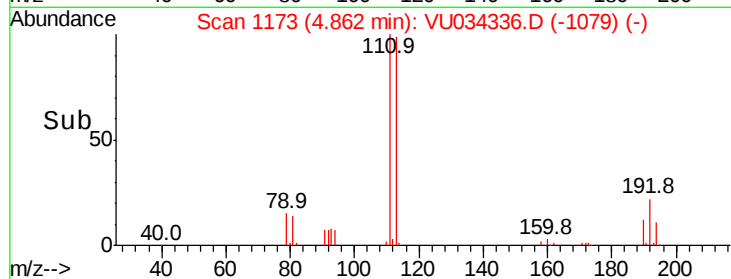
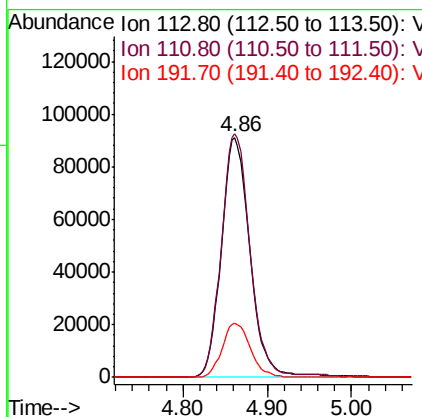
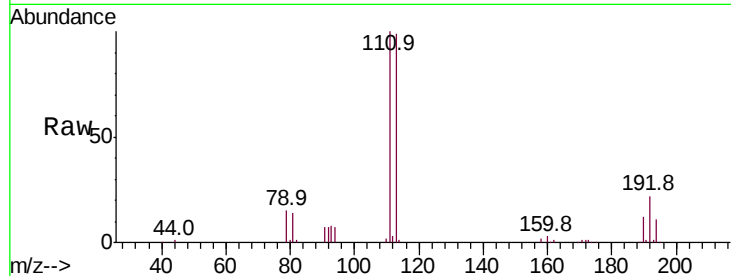




#35
 Dibromofluoromethane
 Concen: 48.777 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034336.D
 Acq: 06 Sep 2019 17:20

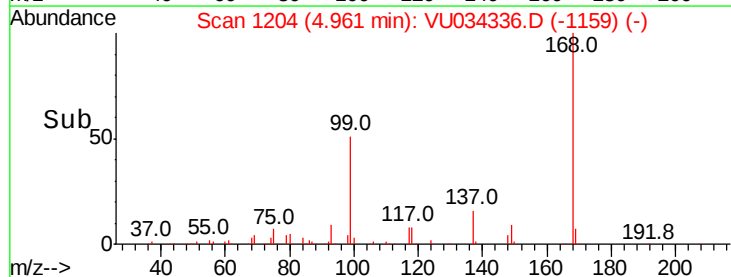
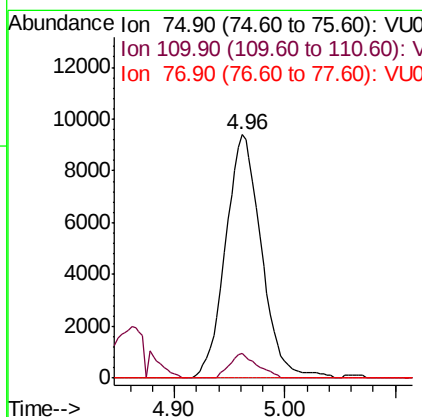
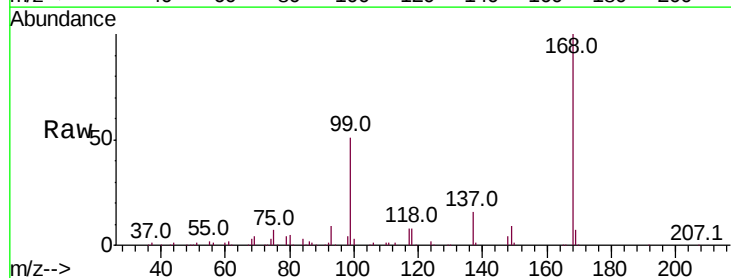
Instrument :
 MSVOA_U
 ClientSampled :

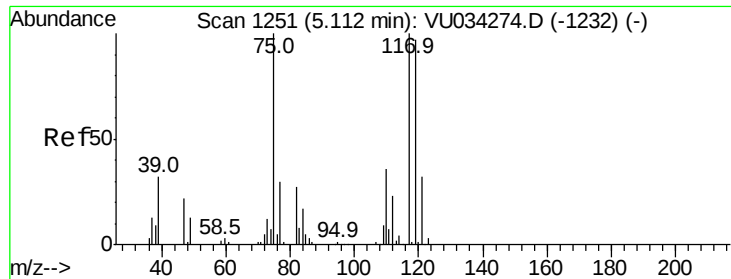
Tot Ion:113 Resp: 214544
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.5 122.3
 192 22.4 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 4.131 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034336.D
 Acq: 06 Sep 2019 17:20

Tgt Ion: 75 Resp: 21177
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.3 54.9#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.840 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.15 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

Instrument :

MSVOA_U

ClientSampleId :

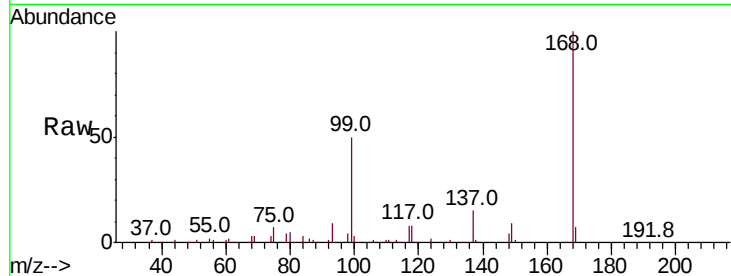
Tot Ion:117 Resp: 26494

Ion Ratio Lower Upper

117 100

119 5.4 77.8 116.6#

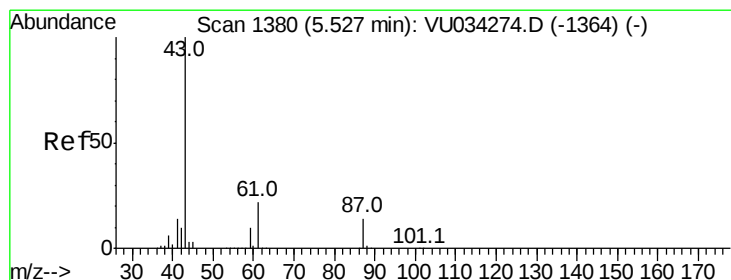
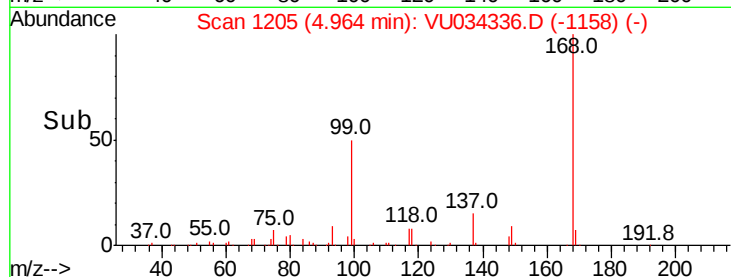
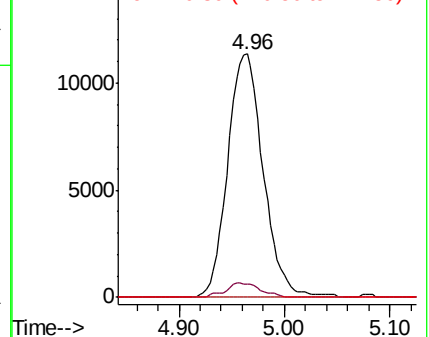
121 0.0 25.2 37.8#



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: 8.196 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

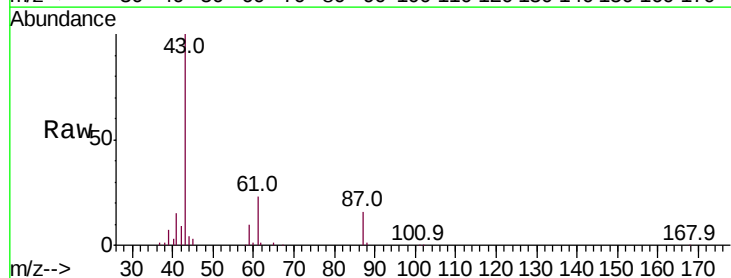
Tgt Ion: 43 Resp: 77493

Ion Ratio Lower Upper

43 100

61 21.7 17.1 25.7

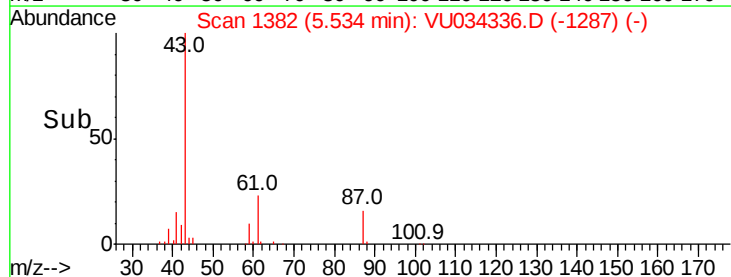
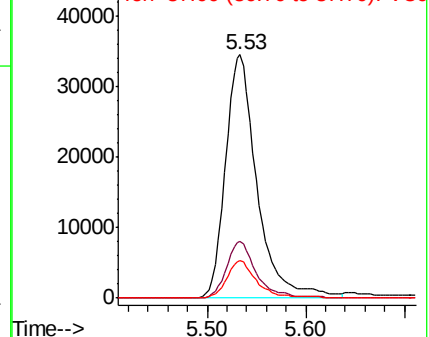
87 14.4 11.1 16.7

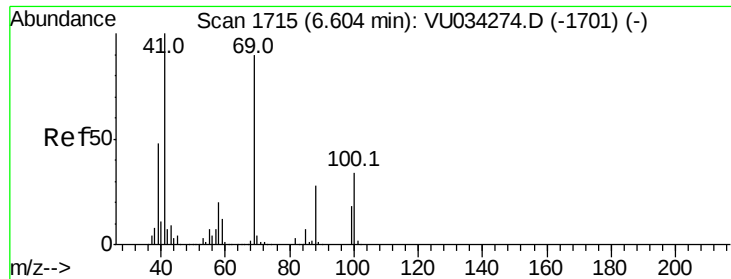


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

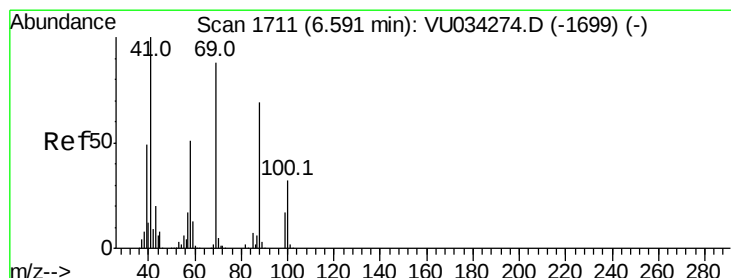
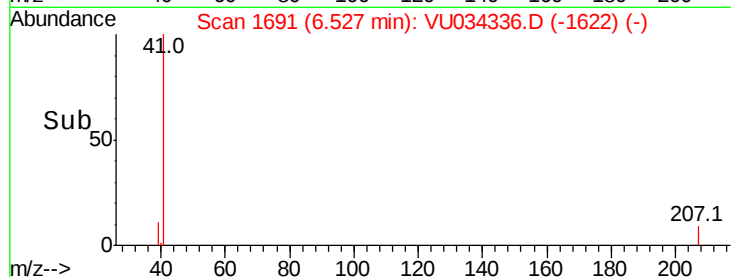
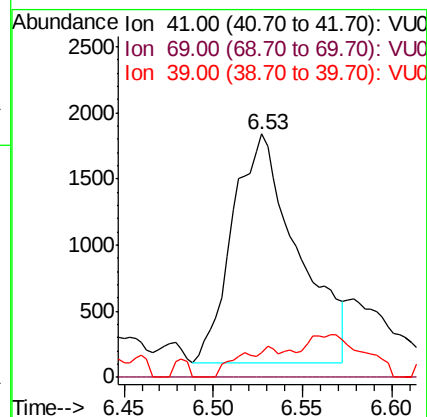
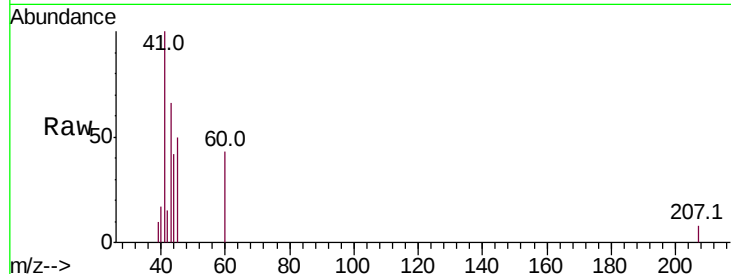




#48
Methyl methacrylate
Concen: 0.976 ug/l
RT: 6.53 min Scan# 1691
Delta R.T. -0.08 min
Lab File: VU034336.D
Acq: 06 Sep 2019 17:20

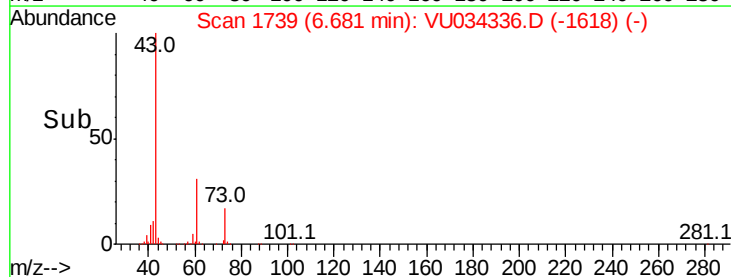
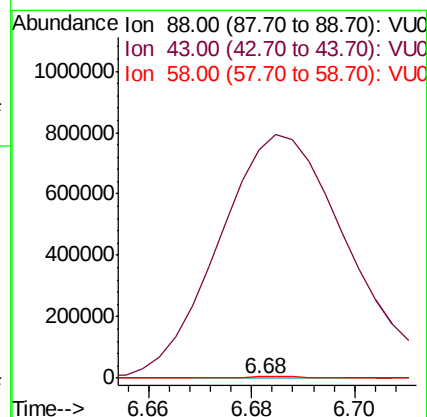
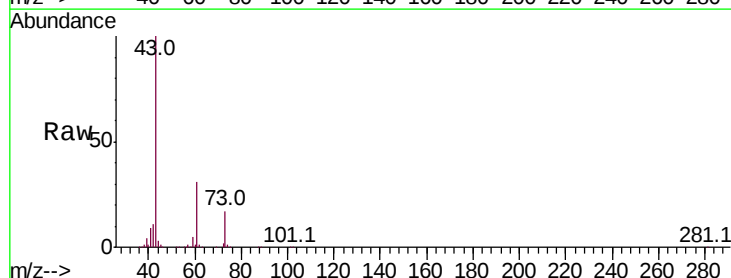
Instrument :
MSVOA_U
ClientSampleId :

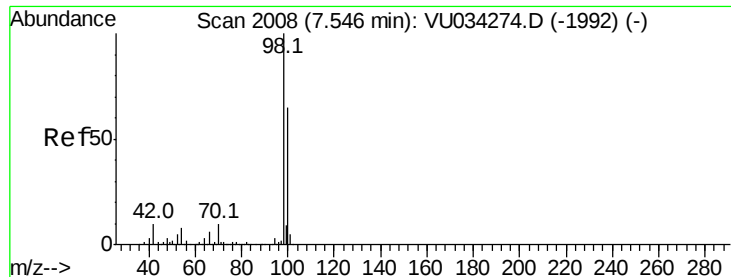
Tot Ion: 41 Resp: 4382
Ion Ratio Lower Upper
41 100
69 0.0 72.8 109.2#
39 0.0 38.6 58.0#



#49
1,4-Dioxane
Concen: 1.611 ug/l
RT: 6.68 min Scan# 1739
Delta R.T. 0.09 min
Lab File: VU034336.D
Acq: 06 Sep 2019 17:20

Tgt Ion: 88 Resp: 158
Ion Ratio Lower Upper
88 100
43 907003.2 23.8 35.6#
58 4213.9 58.4 87.6#





#50

Toluene-d8

Concen: 50.301 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

Instrument :

MSVOA_U

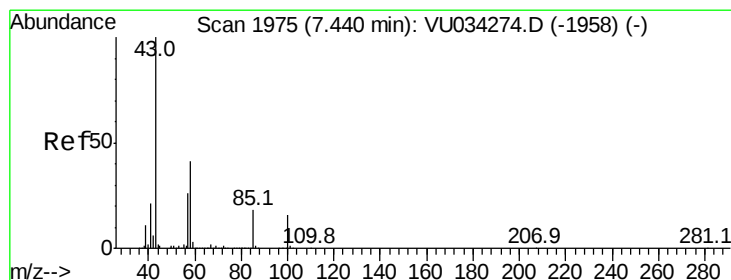
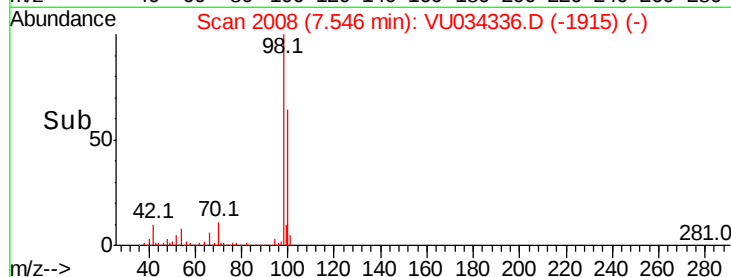
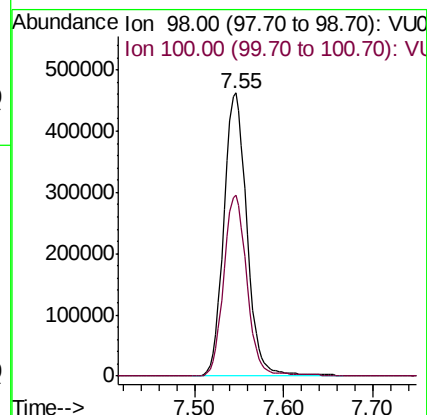
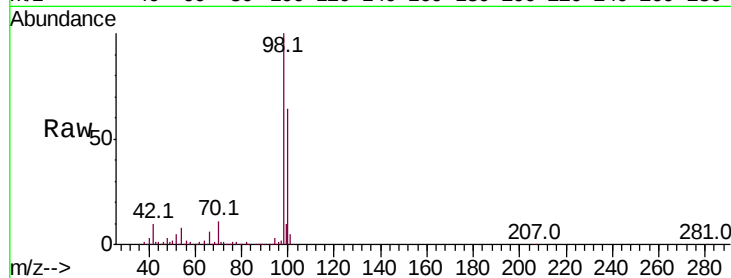
ClientSampleId :

Tot Ion: 98 Resp: 831231

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 9.995 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. -0.04 min

Lab File: VU034336.D

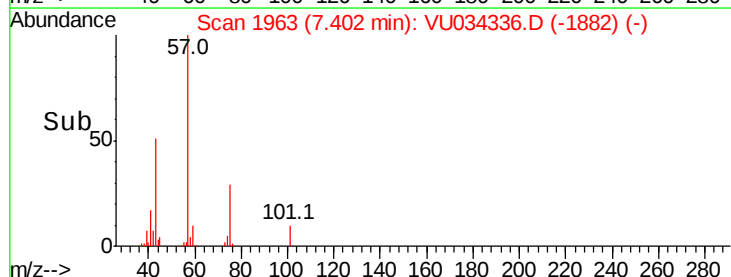
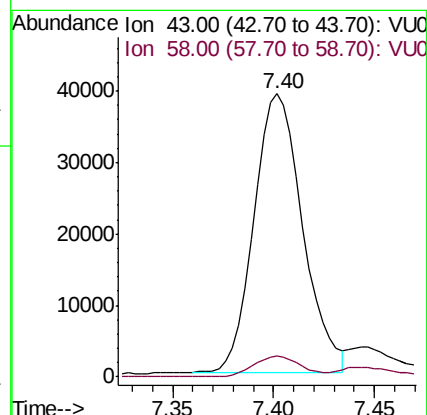
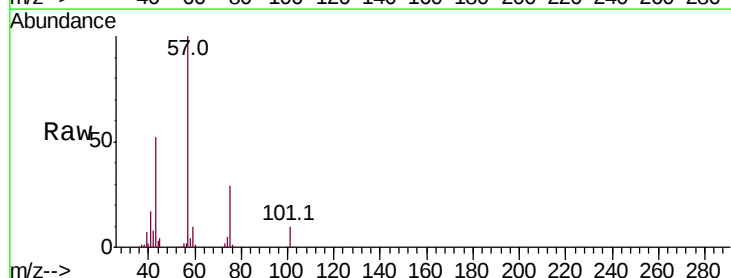
Acq: 06 Sep 2019 17:20

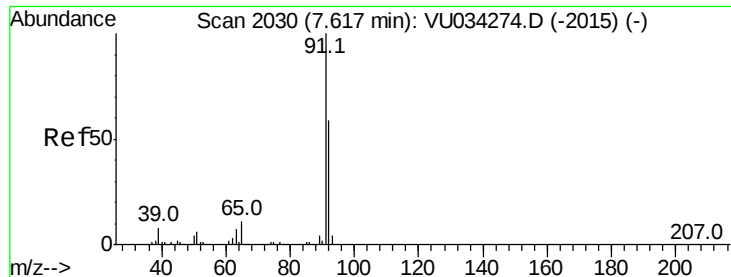
Tgt Ion: 43 Resp: 65419

Ion Ratio Lower Upper

43 100

58 7.4 33.0 49.4#





#52

Toluene

Concen: 0.224 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

Instrument :

MSVOA_U

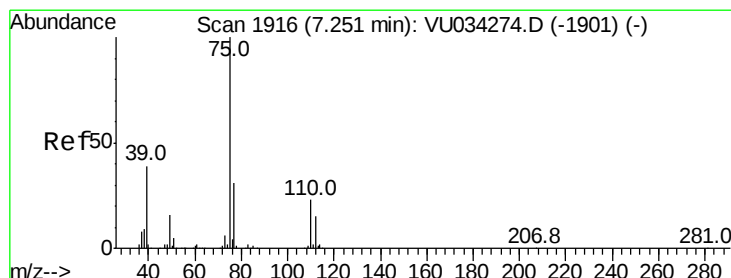
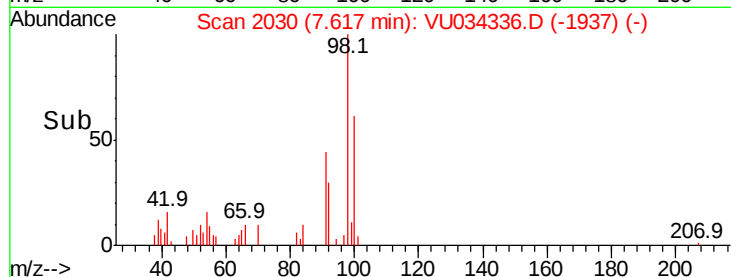
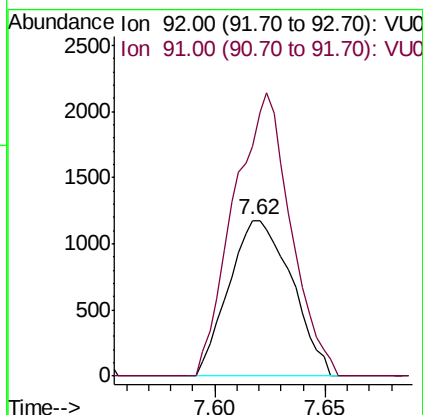
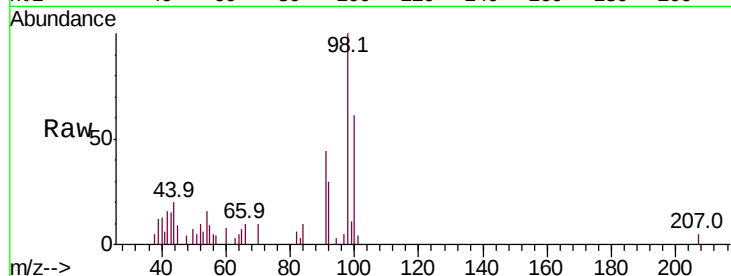
ClientSampled :

Tot Ion: 92 Resp: 2325

Ion Ratio Lower Upper

92 100

91 165.2 136.6 205.0



#54

cis-1,3-Dichloropropene

Concen: 5.294 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. 0.15 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

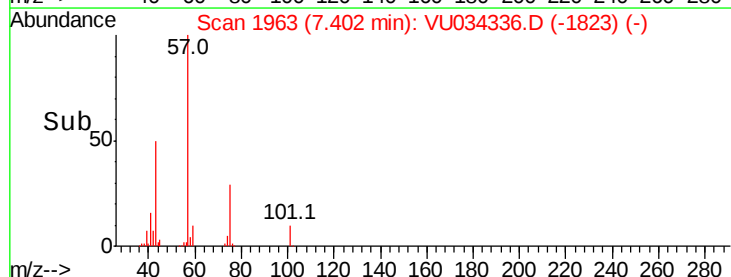
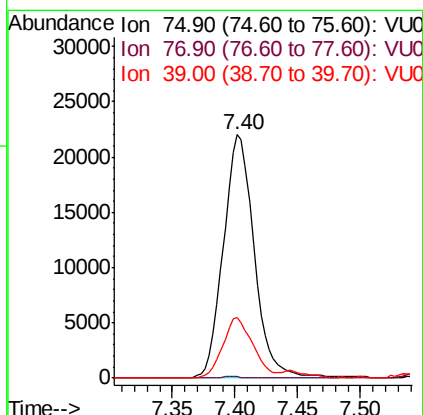
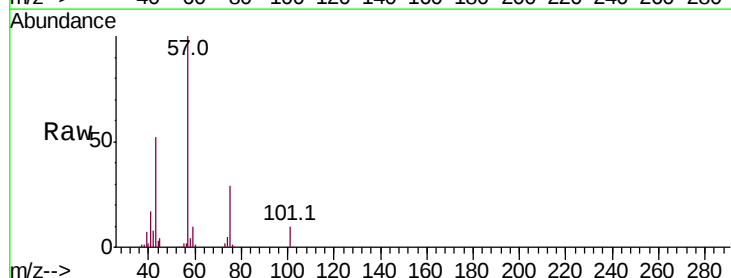
Tgt Ion: 75 Resp: 37637

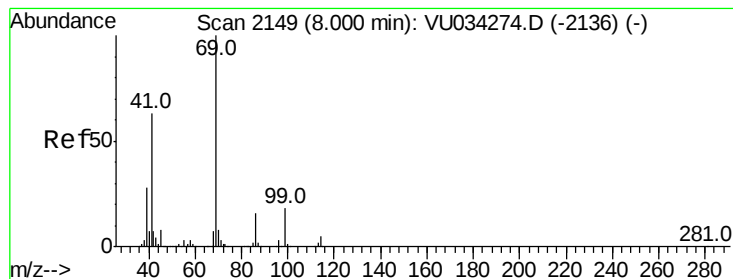
Ion Ratio Lower Upper

75 100

77 0.6 25.1 37.7#

39 24.7 31.2 46.8#





#56

Ethyl methacrylate

Concen: 3.099 ug/l

RT: 7.95 min Scan# 2134

Delta R.T. -0.05 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

Instrument :

MSVOA_U

ClientSampled :

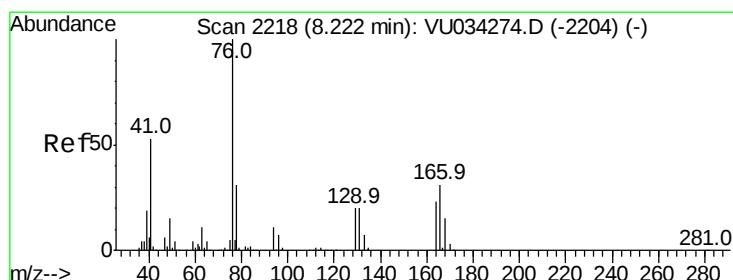
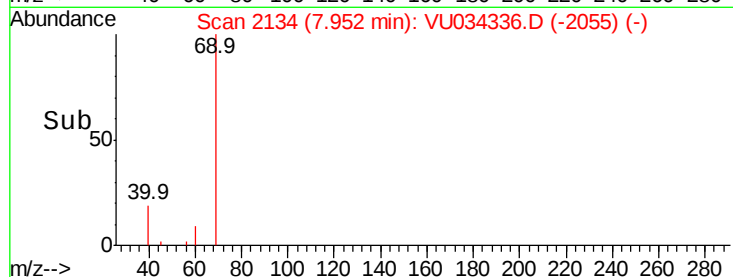
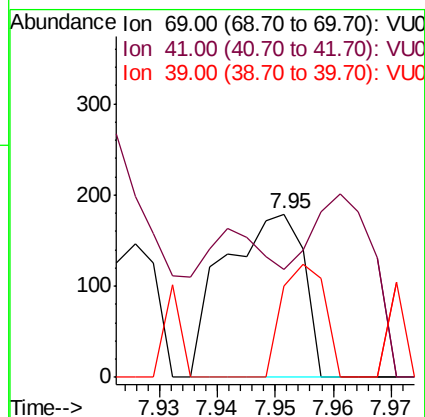
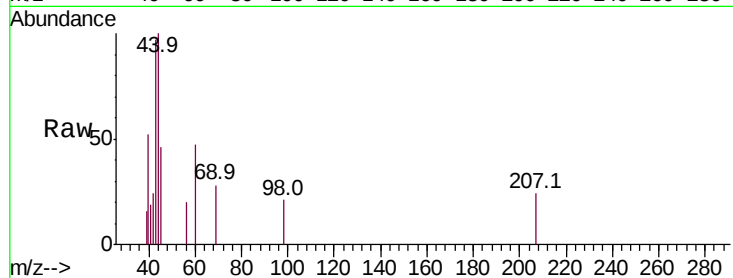
Tot Ion: 69 Resp: 170

Ion Ratio Lower Upper

69 100

41 0.0 49.5 74.3#

39 0.0 22.5 33.7#



#57

1,3-Dichloropropane

Concen: 0.844 ug/l

RT: 8.40 min Scan# 2273

Delta R.T. 0.18 min

Lab File: VU034336.D

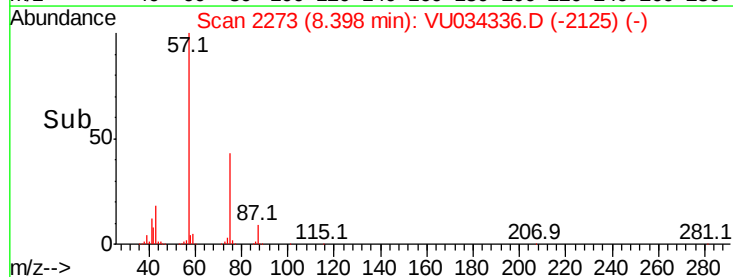
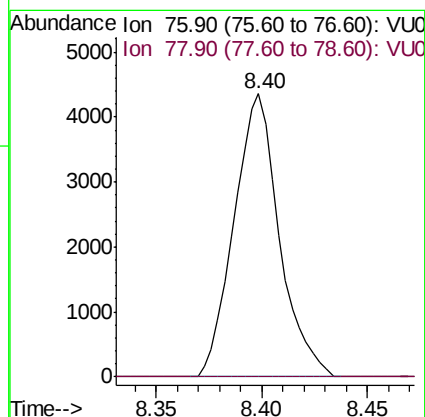
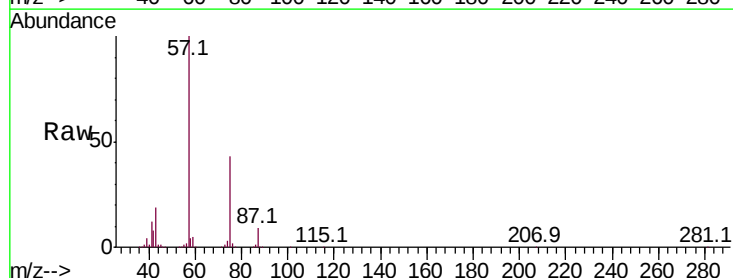
Acq: 06 Sep 2019 17:20

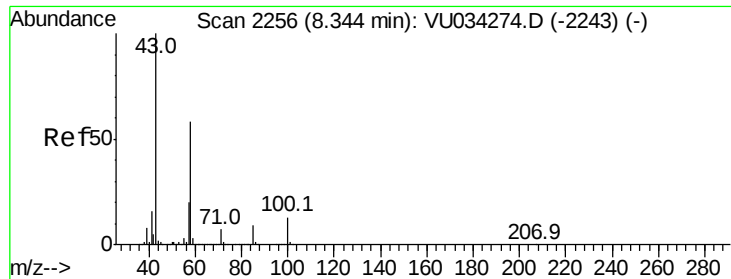
Tgt Ion: 76 Resp: 6479

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.2#





#59

2-Hexanone

Concen: 16.512 ug/l

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

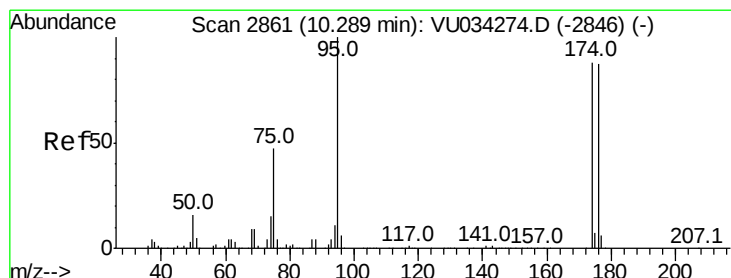
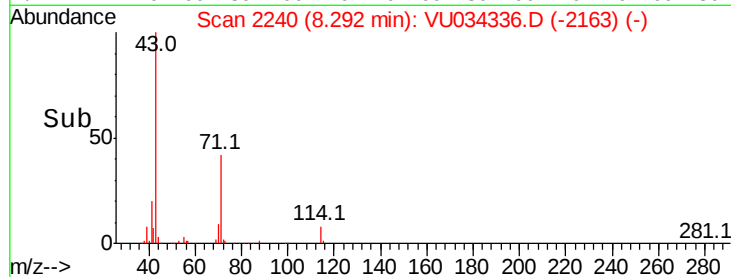
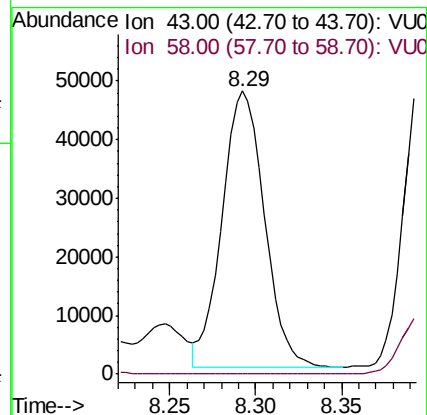
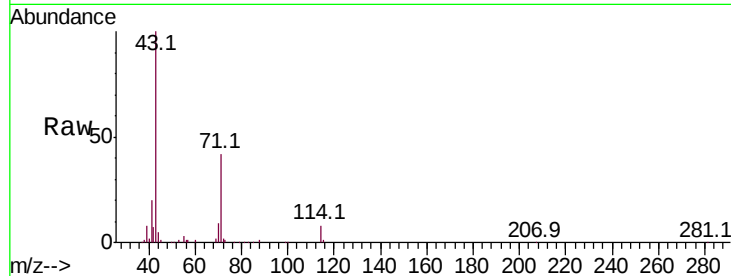
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 80735

Ion Ratio Lower Upper

43 100

58 0.0 28.8 86.5#



#62

4-Bromofluorobenzene

Concen: 46.439 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

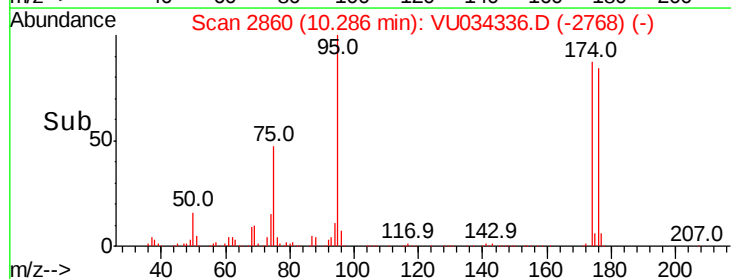
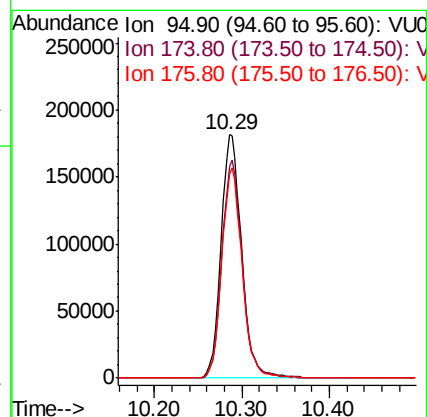
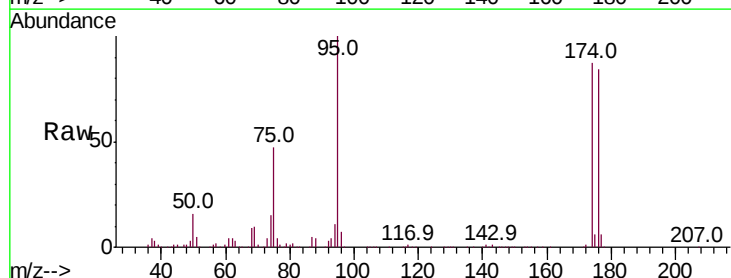
Tgt Ion: 95 Resp: 296289

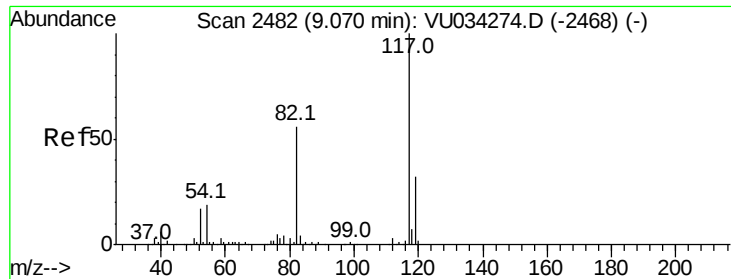
Ion Ratio Lower Upper

95 100

174 89.1 0.0 175.2

176 85.3 0.0 168.0

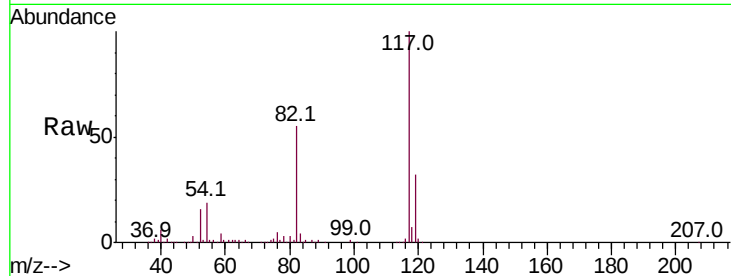




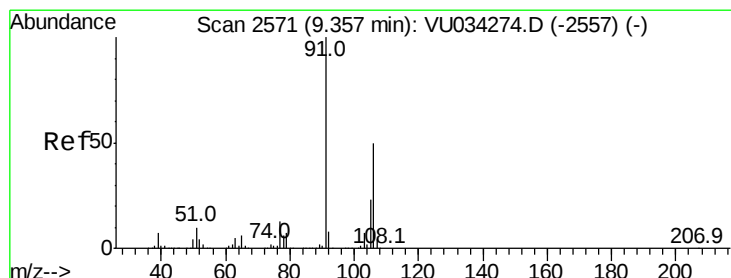
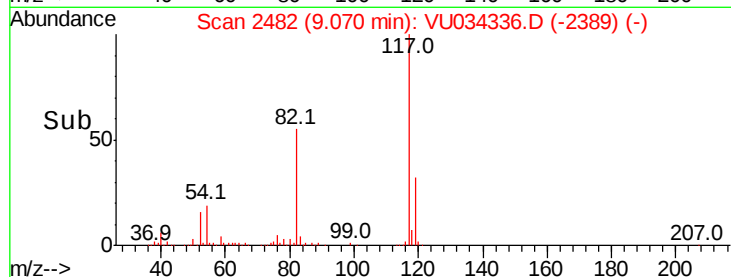
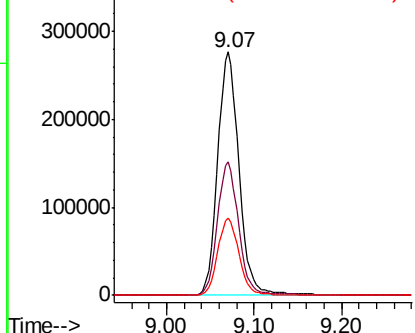
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034336.D
Acq: 06 Sep 2019 17:20

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 468544
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 31.9 25.9 38.9

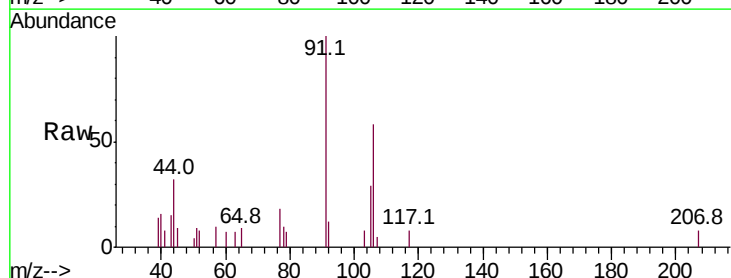


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

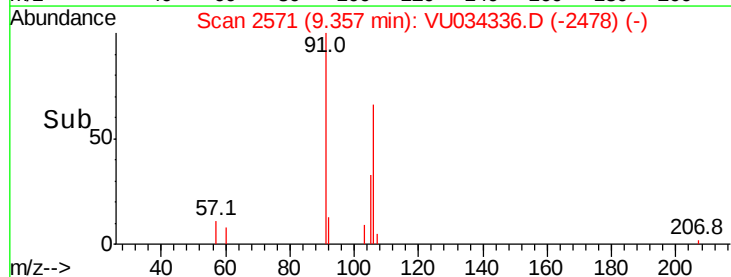
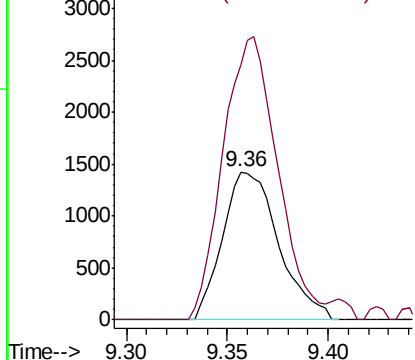


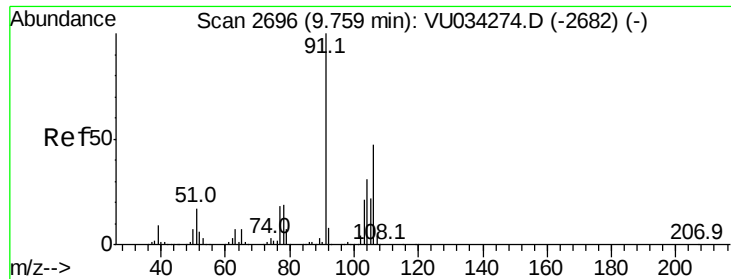
#68
m/p-Xylenes
Concen: 0.377 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. -0.00 min
Lab File: VU034336.D
Acq: 06 Sep 2019 17:20

Tgt Ion:106 Resp: 2759
Ion Ratio Lower Upper
106 100
91 186.8 160.1 240.1



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

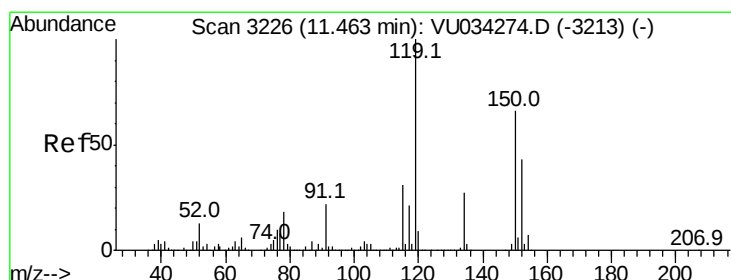
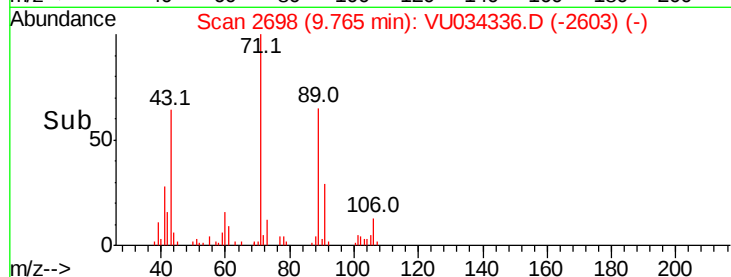
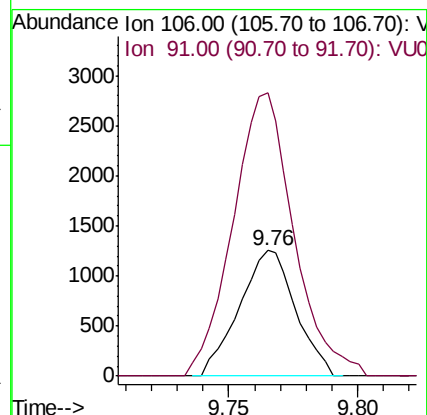
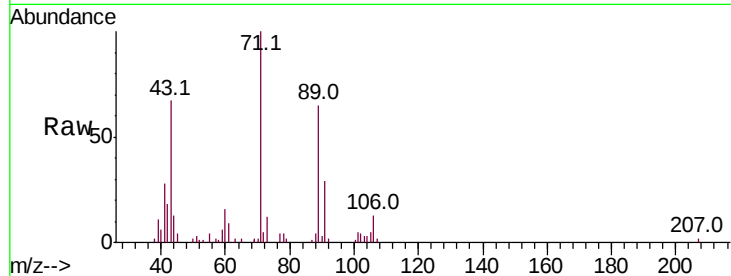




#69
o-Xylene
Concen: 0.267 ug/l
RT: 9.76 min Scan# 2698
Delta R.T. 0.01 min
Lab File: VU034336.D
Acq: 06 Sep 2019 17:20

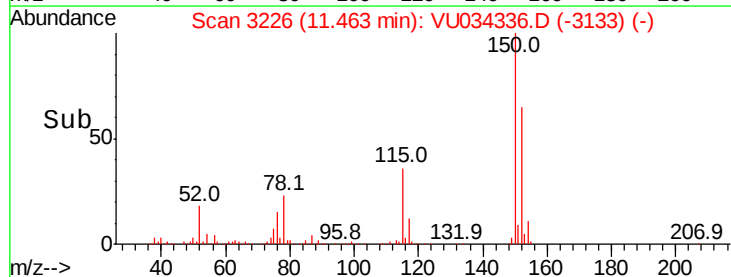
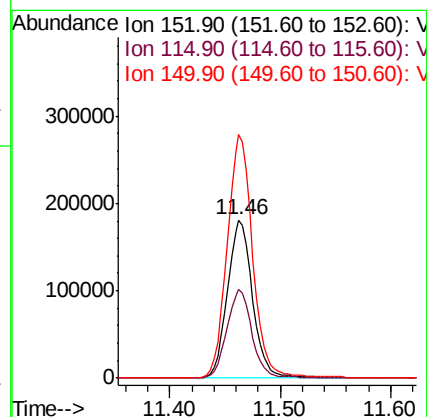
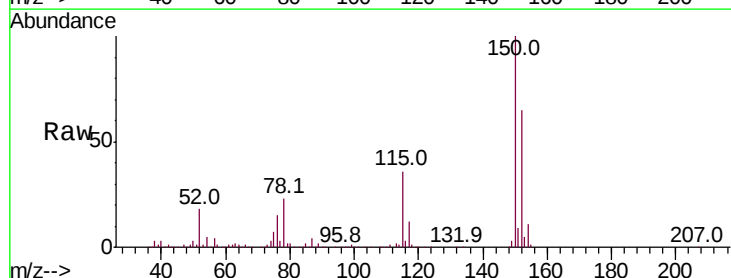
Instrument :
MSVOA_U
ClientSampled :

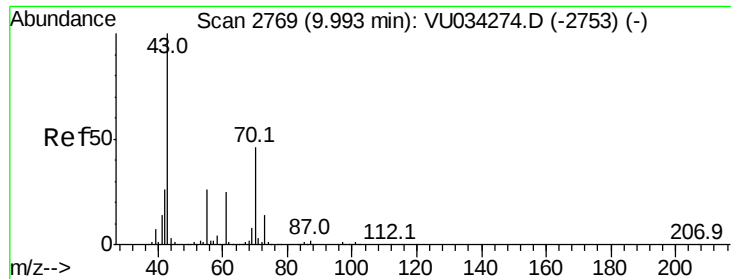
Tot Ion:106 Resp: 1908
Ion Ratio Lower Upper
106 100
91 244.4 105.1 315.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034336.D
Acq: 06 Sep 2019 17:20

Tgt Ion:152 Resp: 287312
Ion Ratio Lower Upper
152 100
115 55.8 39.1 117.3
150 156.3 0.0 345.4

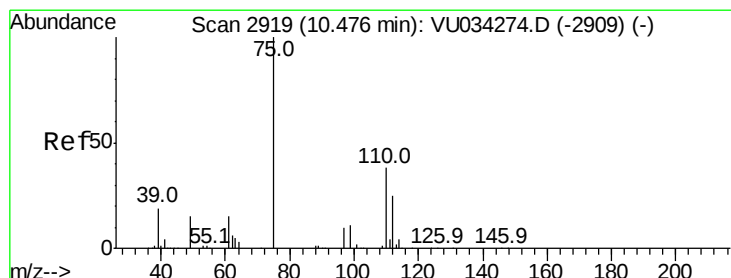
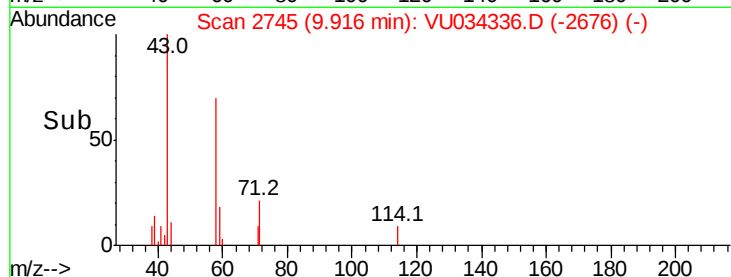
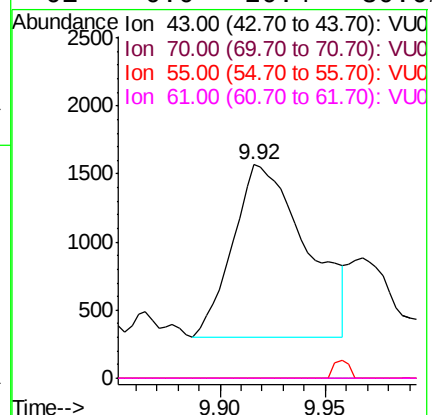
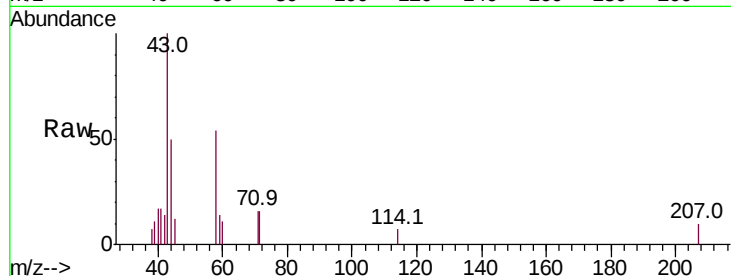




#74
N-amvl acetate
Concen: 0.407 ug/l
RT: 9.92 min Scan# 2745
Delta R.T. -0.08 min
Lab File: VU034336.D
Acq: 06 Sep 2019 17:20

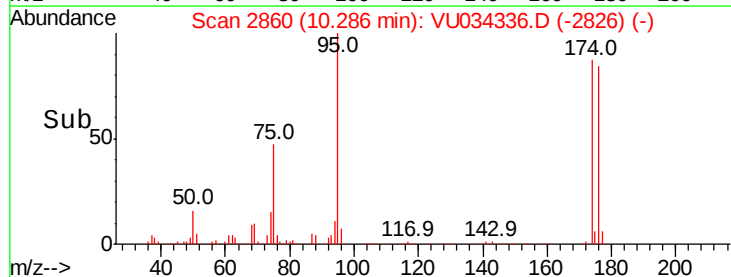
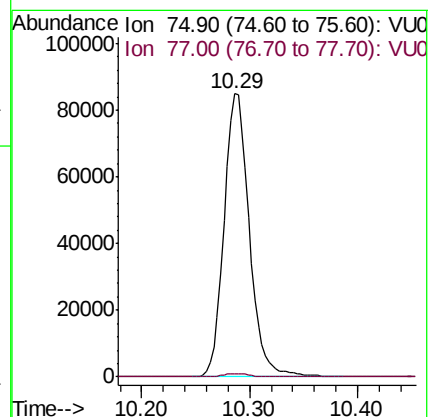
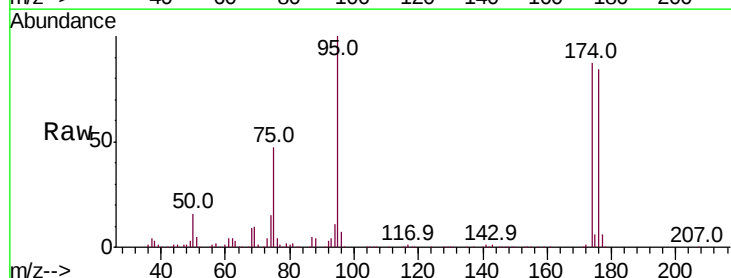
Instrument :
MSVOA_U
ClientSampleId :

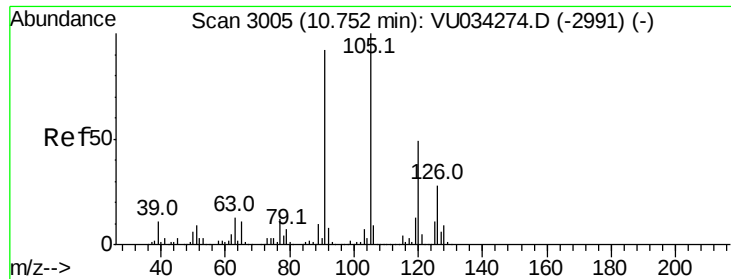
Tot Ion: 43 Resp: 3063
Ion Ratio Lower Upper
43 100
70 0.0 36.4 54.6#
55 0.0 21.2 31.8#
61 0.0 20.4 30.6#



#76
1,2,3-Trichloropropane
Concen: 22.107 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.19 min
Lab File: VU034336.D
Acq: 06 Sep 2019 17:20

Tgt Ion: 75 Resp: 138646
Ion Ratio Lower Upper
75 100
77 1.2 20.8 62.2#





#80

1,3,5-Trimethylbenzene

Concen: 0.414 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

Instrument :

MSVOA_U

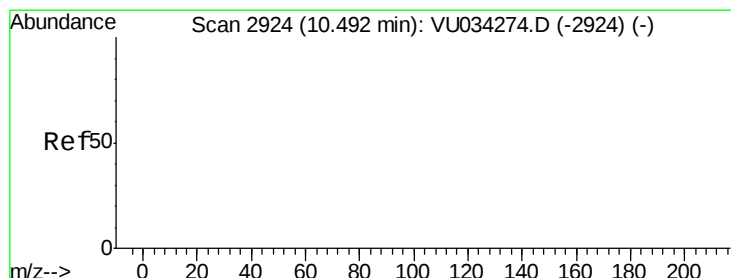
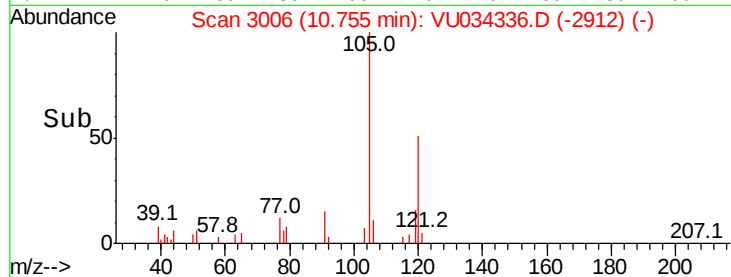
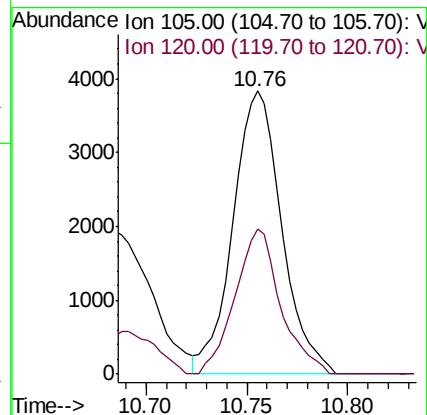
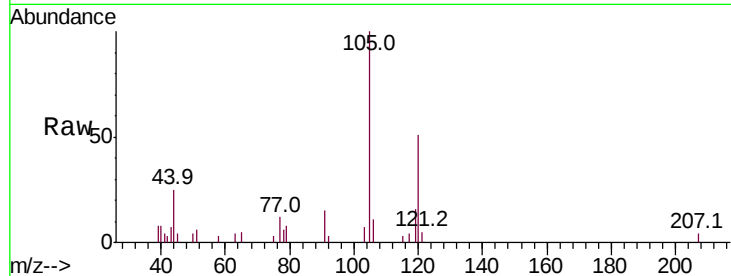
ClientSampled :

Tot Ion:105 Resp: 6477

Ion Ratio Lower Upper

105 100

120 48.0 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 74.345 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.21 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

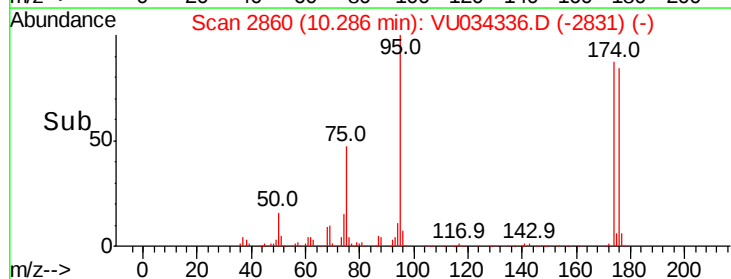
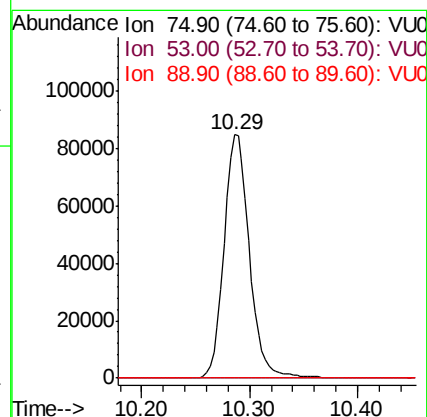
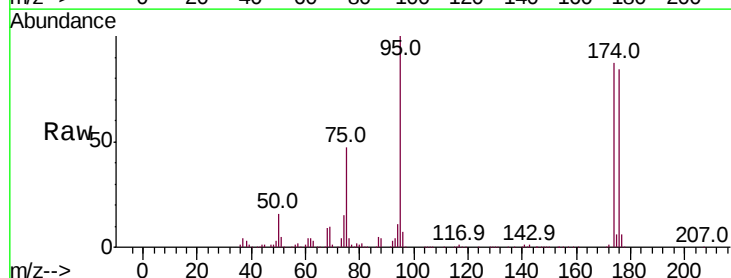
Tgt Ion: 75 Resp: 138646

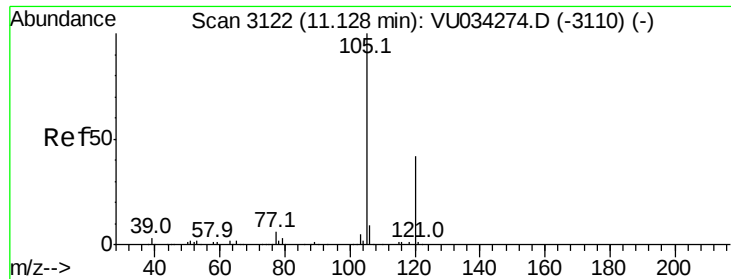
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0#

89 0.0 0.0 0.0

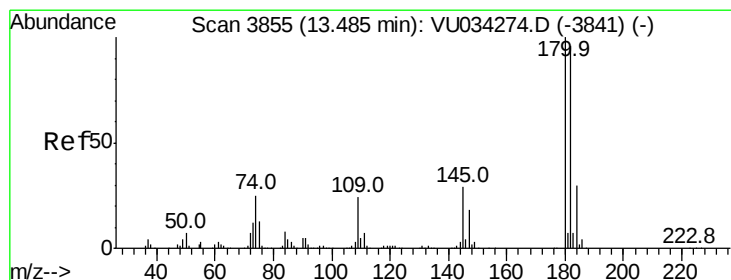
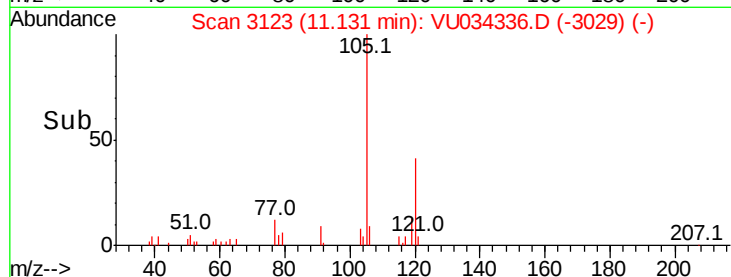
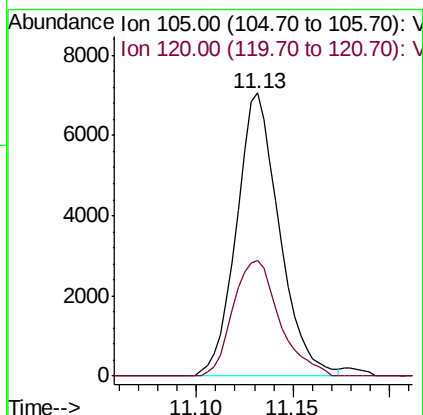
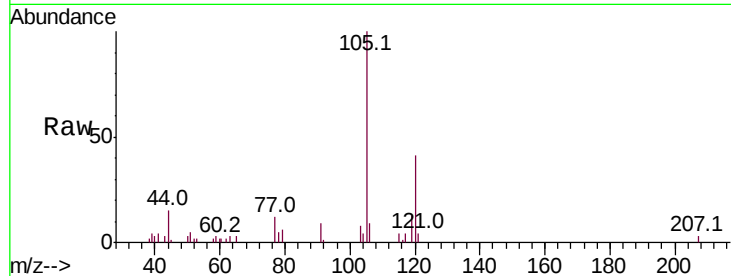




#84
 1,2,4-Trimethylbenzene
 Concen: 0.692 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VU034336.D
 Acq: 06 Sep 2019 17:20

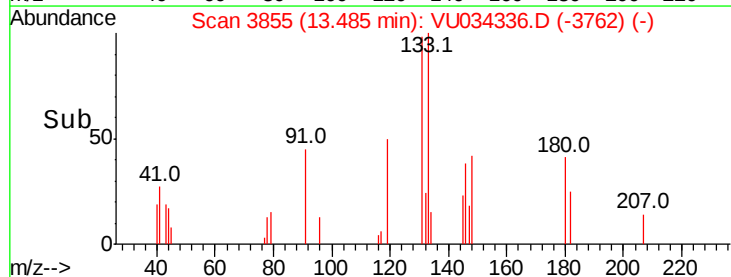
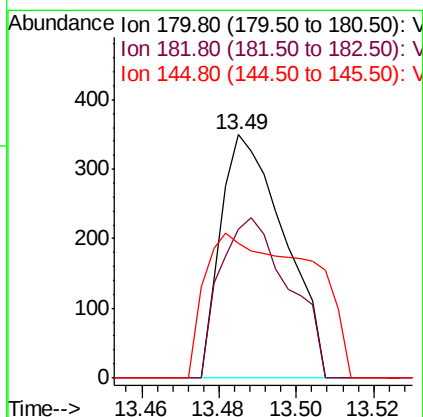
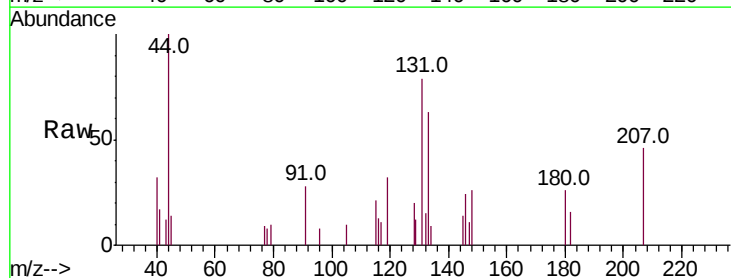
Instrument :
 MSVOA_U
 ClientSampleId :

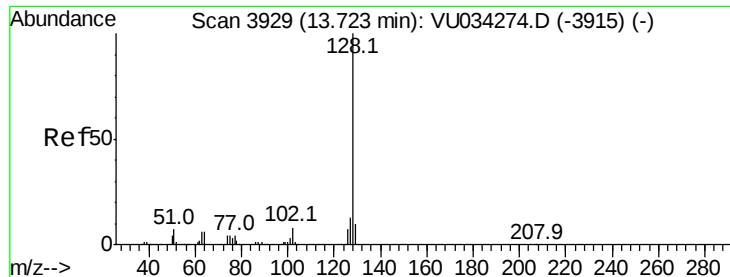
Tot Ion:105 Resp: 10897
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.9 68.8



#93
 1,2,4-Trichlorobenzene
 Concen: 3.506 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034336.D
 Acq: 06 Sep 2019 17:20

Tgt Ion:180 Resp: 400
 Ion Ratio Lower Upper
 180 100
 182 70.8 47.9 143.8
 145 97.5 14.4 43.0#





#95

Naphthalene

Concen: 42.663 ug/l

RT: 13.72 min Scan# 3929

Delta R.T. -0.00 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

Instrument :

MSVOA_U

ClientSampleId :

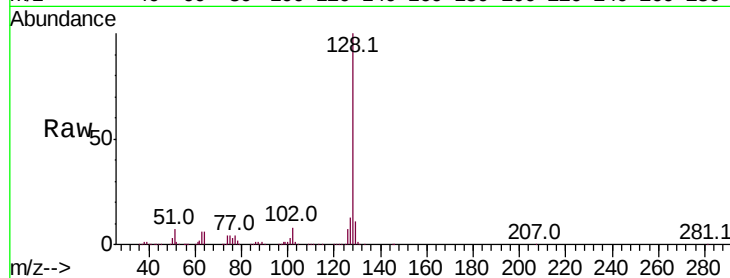
Tot Ion:128 Resp: 804844

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

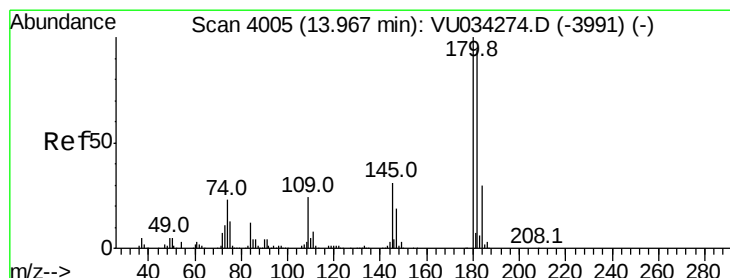
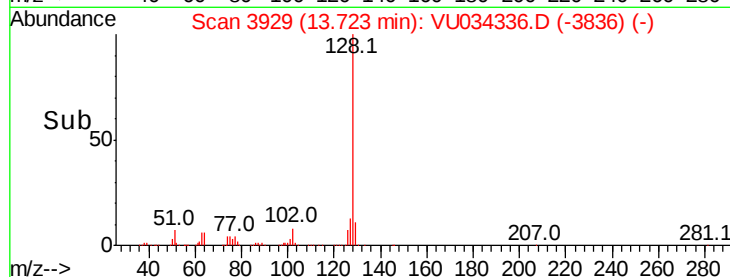
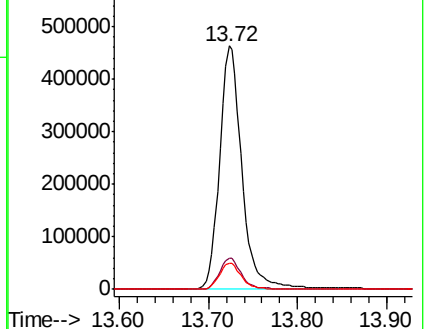
129 10.8 8.4 12.6



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



#96

1,2,3-Trichlorobenzene

Concen: 2.661 ug/l

RT: 13.97 min Scan# 4005

Delta R.T. 0.00 min

Lab File: VU034336.D

Acq: 06 Sep 2019 17:20

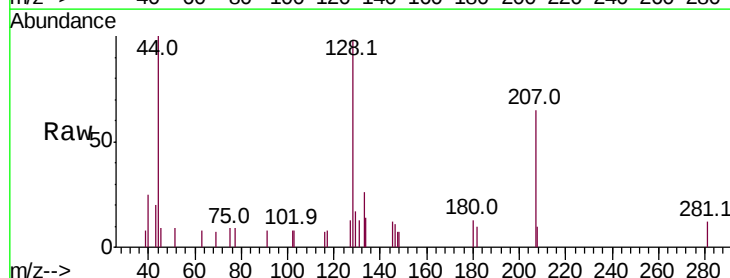
Tgt Ion:180 Resp: 155

Ion Ratio Lower Upper

180 100

182 157.4 48.4 145.0#

145 0.0 15.4 46.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

