

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034337.D
 Acq On : 06 Sep 2019 17:44
 Operator : JC/SP
 Sample : K4656-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 18:45:16 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	300283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	451947	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	462673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	276678	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	240879	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
35) Dibromofluoromethane	4.86	113	207950	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	7.55	98	815709	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	10.29	95	294215	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	

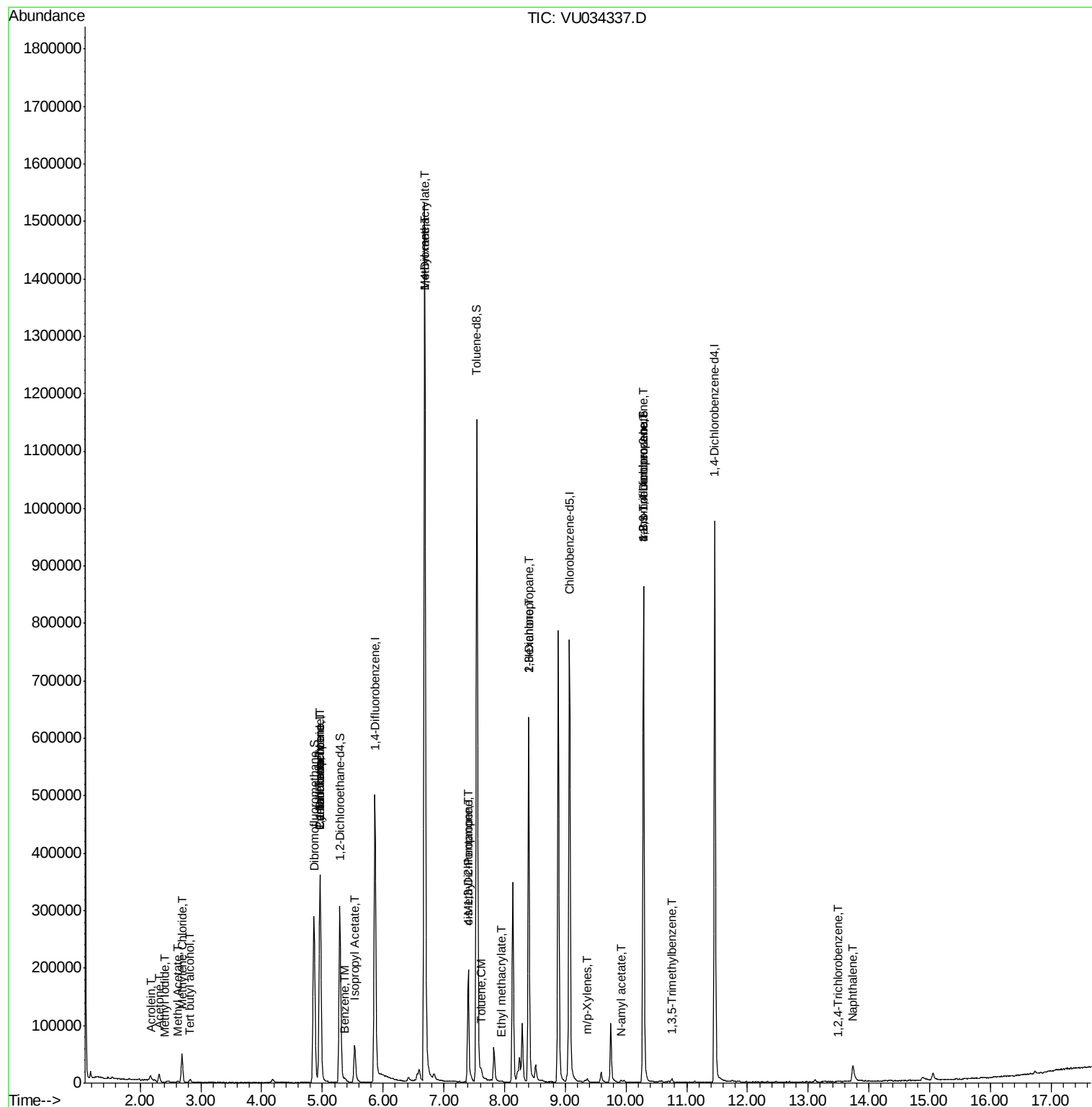
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	618	Below Cal		83
6) Chloroethane	1.68	64	139	Below Cal	#	43
10) Methyl Iodide	2.40	142	19	3.852	ug/l #	43
11) Tert butyl alcohol	2.82	59	3813	3.972	ug/l #	73
13) Acrolein	2.19	56	166	0.206	ug/l #	22
16) Acetone	2.31	43	15364	6.535	ug/l	97
18) Methyl Acetate	2.61	43	3528	0.617	ug/l	98
20) Methylene Chloride	2.69	84	22747	5.551	ug/l	98
31) Cyclohexane	4.97	56	4738	0.890	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	20049	4.090	ug/l #	49
38) Carbon Tetrachloride	4.96	117	26687	5.099	ug/l #	15
40) Benzene	5.38	78	4894	0.309	ug/l	92
43) Isopropyl Acetate	5.53	43	77696	8.594	ug/l	98
48) Methyl methacrylate	6.68	41	128392	29.902	ug/l #	37
49) 1,4-Dioxane	6.68	88	115	1.227	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	66600	10.643	ug/l #	46
52) Toluene	7.62	92	4576	0.461	ug/l	92
54) cis-1,3-Dichloropropene	7.40	75	36605	5.386	ug/l #	61
56) Ethyl methacrylate	7.96	69	172	3.100	ug/l #	28
57) 1,3-Dichloropropane	8.40	76	7056	0.962	ug/l #	43
59) 2-Hexanone	8.40	43	89222	19.086	ug/l #	50
68) m/p-Xylenes	9.36	106	1617	0.224	ug/l	84
74) N-amyl acetate	9.92	43	2898	0.400	ug/l #	42
76) 1,2,3-Trichloropropane	10.29	75	137704	22.801	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.76	105	4118	0.273	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.29	75	137704	76.678	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.50	180	48	3.458	ug/l #	17
95) Naphthalene	13.73	128	47683	6.347	ug/l	96

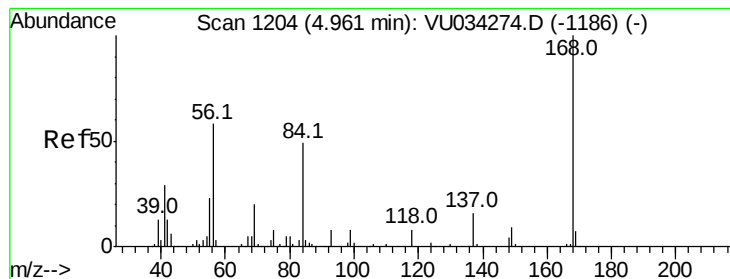
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

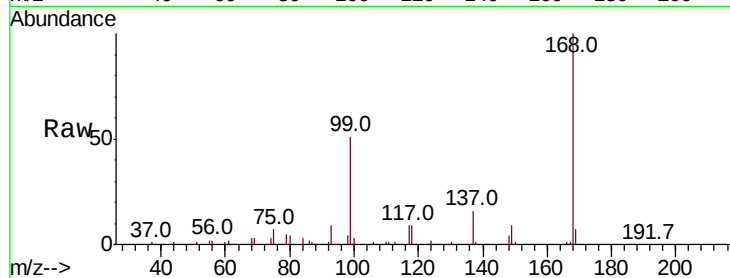
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 300283

Ion Ratio Lower Upper

168 100

99 51.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034337.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034337.D (-1111) (-)

4.96

150000

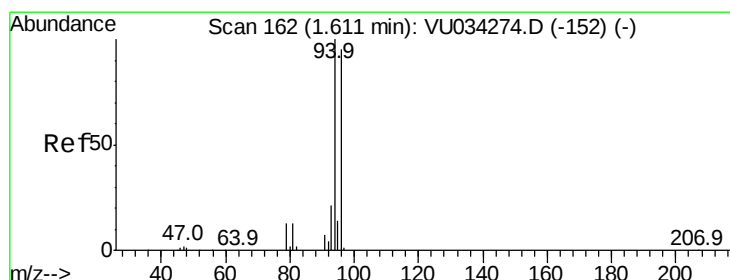
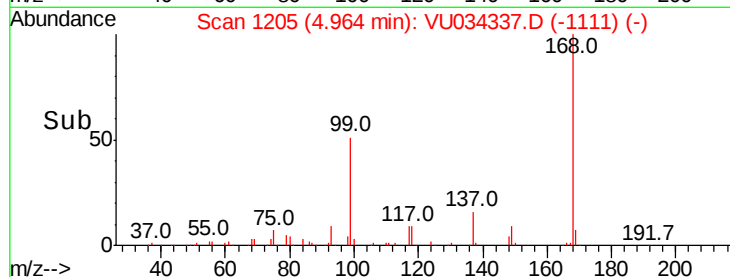
100000

50000

0

Time-->

4.90 5.00



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 167

Delta R.T. 0.02 min

Lab File: VU034337.D

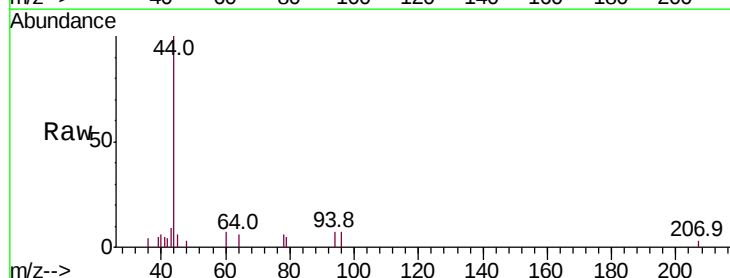
Acq: 06 Sep 2019 17:44

Tgt Ion: 94 Resp: 618

Ion Ratio Lower Upper

94 100

96 111.3 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034337.D (-68) (-)

Ion 95.90 (95.60 to 96.60): VU034337.D (-68) (-)

1.63

400

300

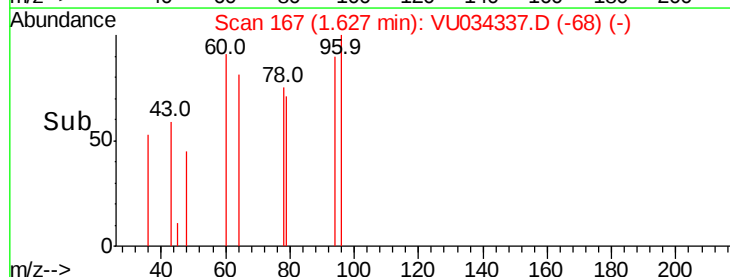
200

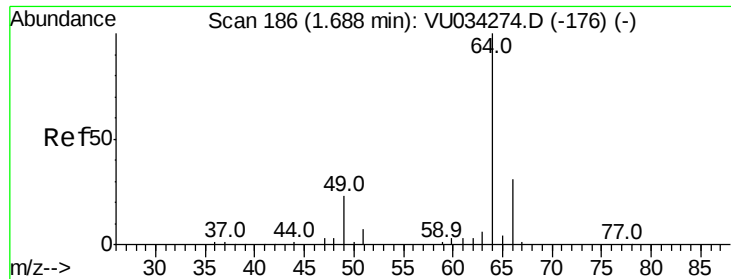
100

0

Time-->

1.60 1.65 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 182

Delta R.T. -0.01 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

Instrument :

MSVOA_U

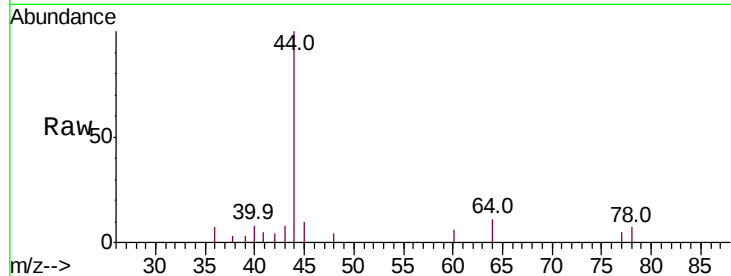
ClientSampleId :

Tot Ion: 64 Resp: 139

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.68

400

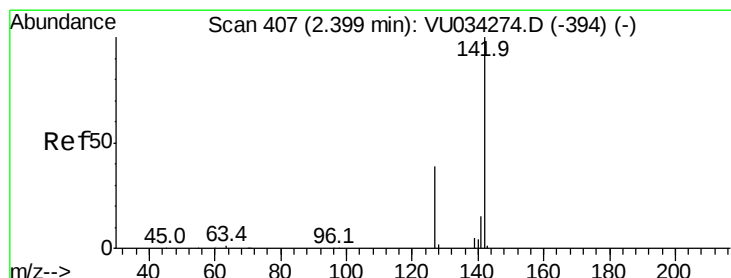
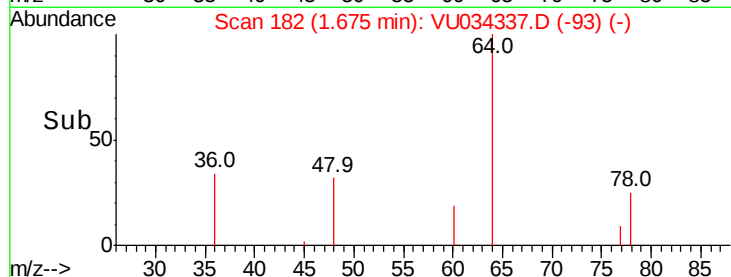
300

200

100

0

Time-->



#10

Methyl Iodide

Concen: 3.852 ug/l

RT: 2.40 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

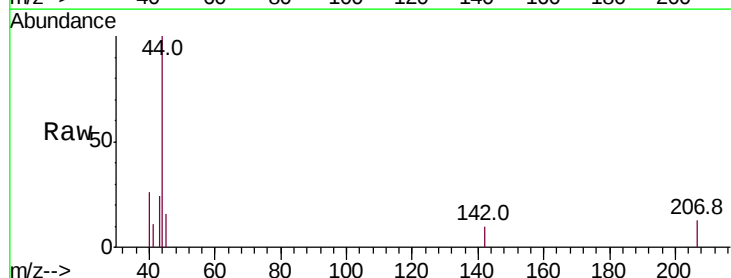
Tgt Ion: 142 Resp: 19

Ion Ratio Lower Upper

142 100

127 0.0 32.1 48.1#

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

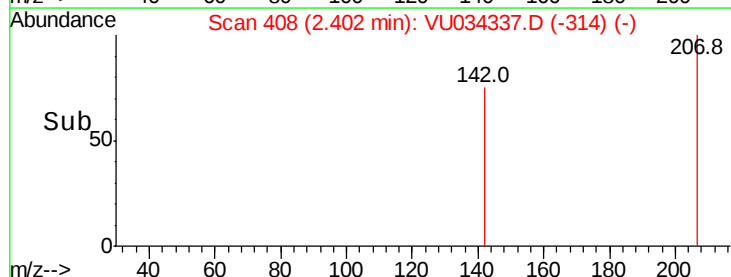
Ion 140.80 (140.50 to 141.50): V

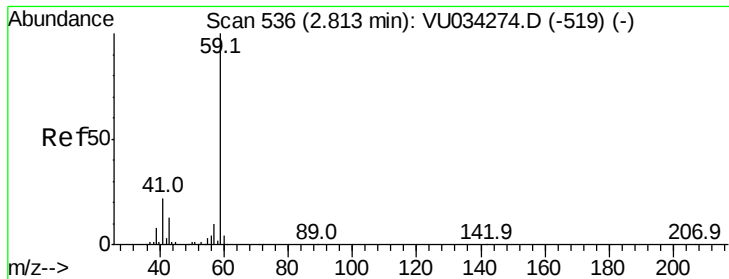
100

50

0

Time-->

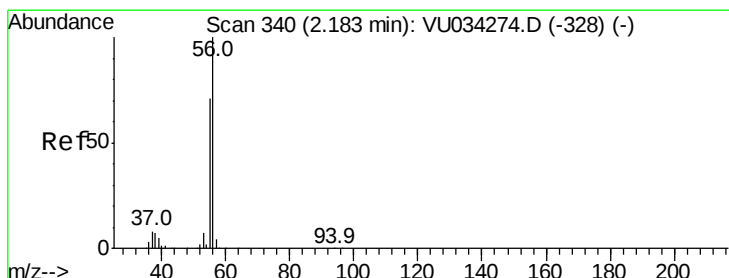
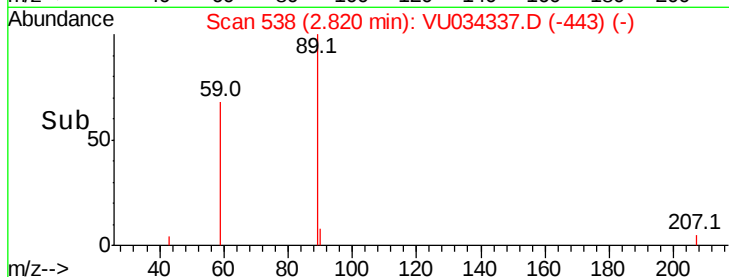
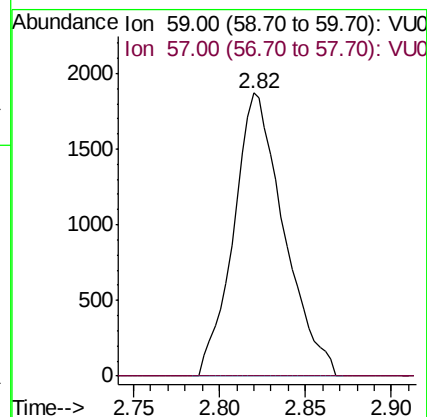
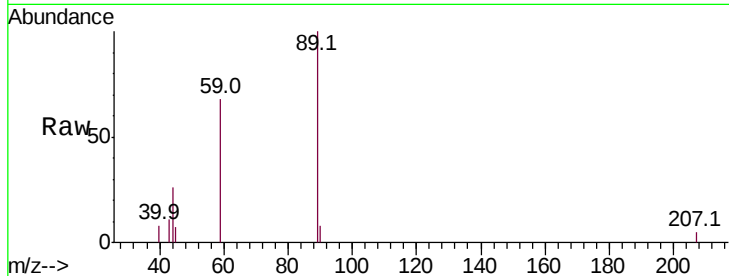




#11
Tert butvl alcohol
Concen: 3.972 ug/l
RT: 2.82 min Scan# 538
Delta R.T. 0.01 min
Lab File: VU034337.D
Acq: 06 Sep 2019 17:44

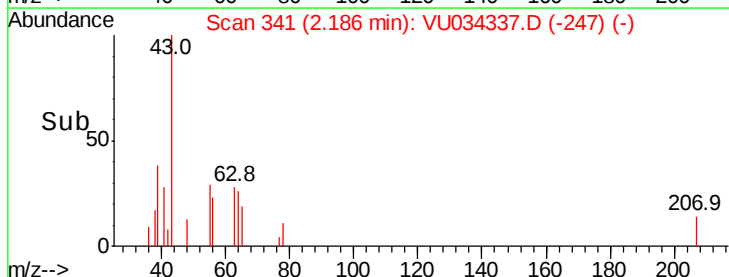
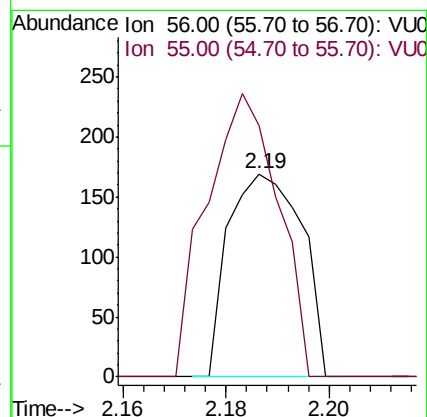
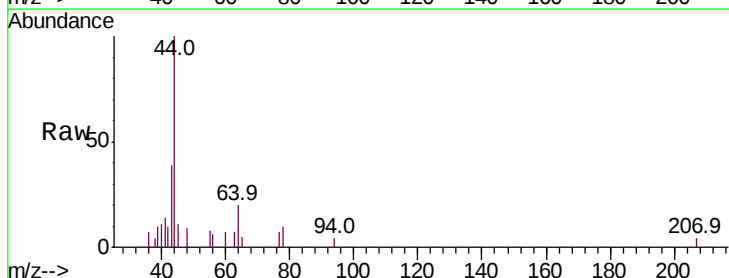
Instrument :
MSVOA_U
ClientSampleId :

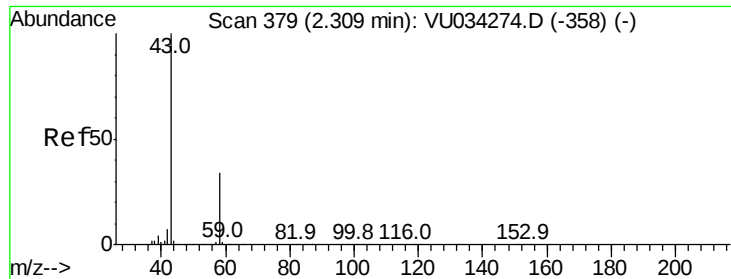
Tot Ion: 59 Resp: 3813
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#13
Acrolein
Concen: 0.206 ug/l
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VU034337.D
Acq: 06 Sep 2019 17:44

Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
55 136.7 57.4 86.2#





#16

Acetone

Concen: 6.535 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

Instrument :

MSVOA_U

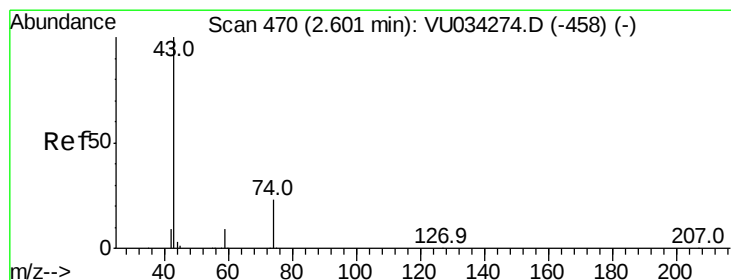
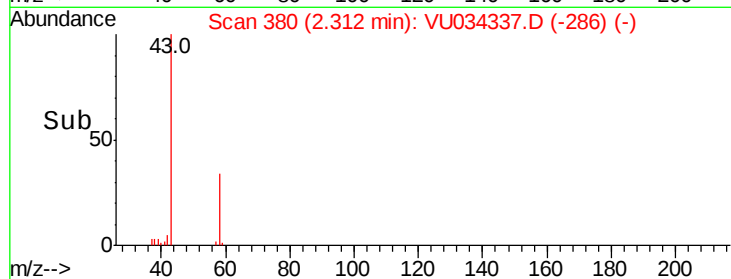
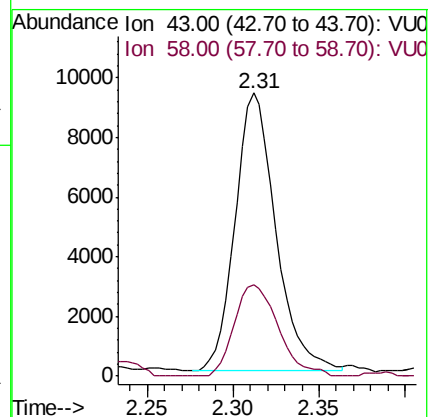
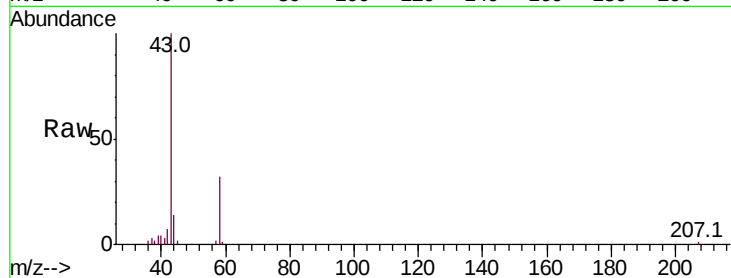
ClientSampleId :

Tot Ion: 43 Resp: 15364

Ion Ratio Lower Upper

43 100

58 33.0 27.6 41.4



#18

Methyl Acetate

Concen: 0.617 ug/l

RT: 2.61 min Scan# 474

Delta R.T. 0.01 min

Lab File: VU034337.D

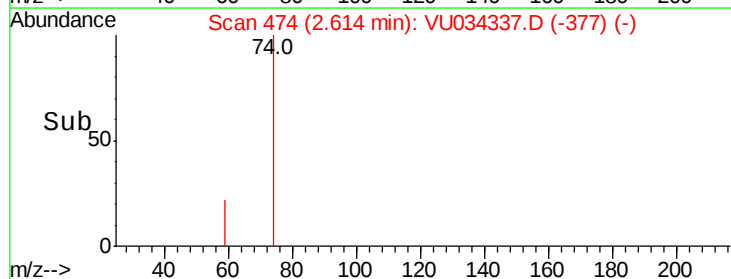
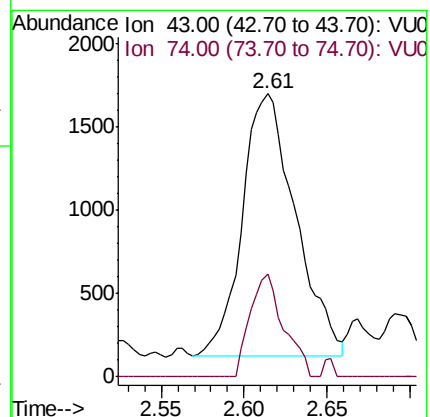
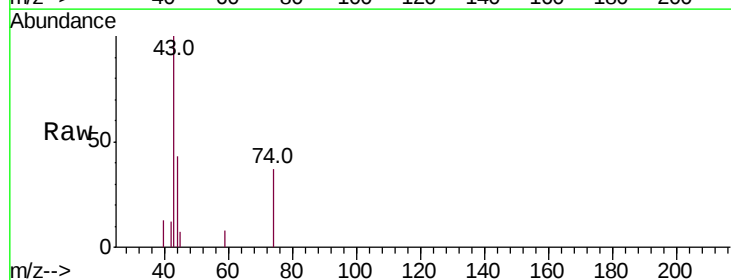
Acq: 06 Sep 2019 17:44

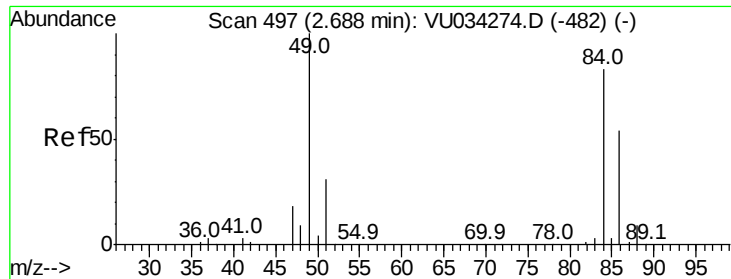
Tgt Ion: 43 Resp: 3528

Ion Ratio Lower Upper

43 100

74 24.5 18.9 28.3

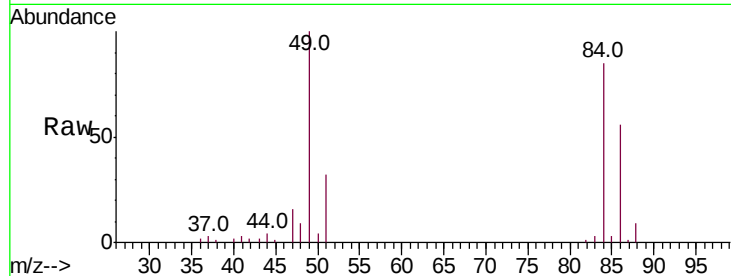




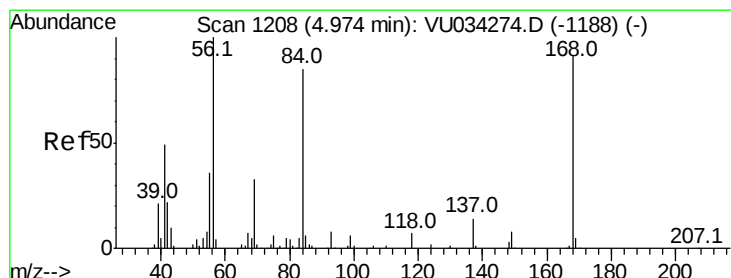
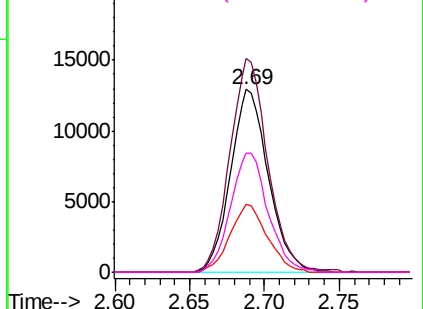
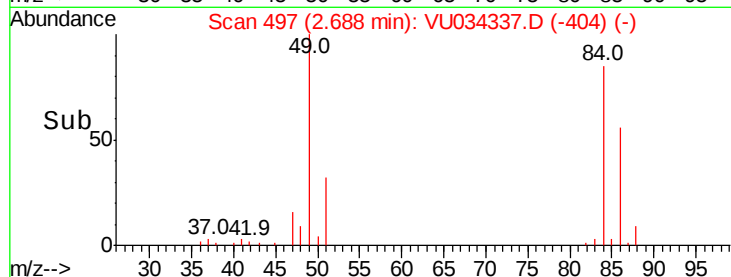
#20
Methylene Chloride
Concen: 5.551 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034337.D
Acq: 06 Sep 2019 17:44

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 22747
Ion Ratio Lower Upper
84 100
49 117.1 96.0 144.0
51 37.2 30.0 45.0
86 65.1 51.4 77.0

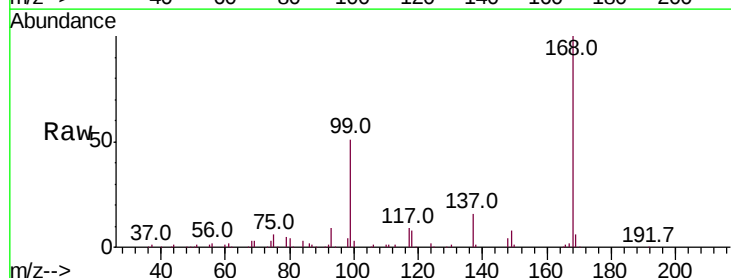


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

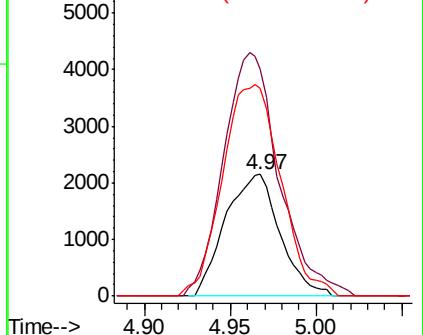
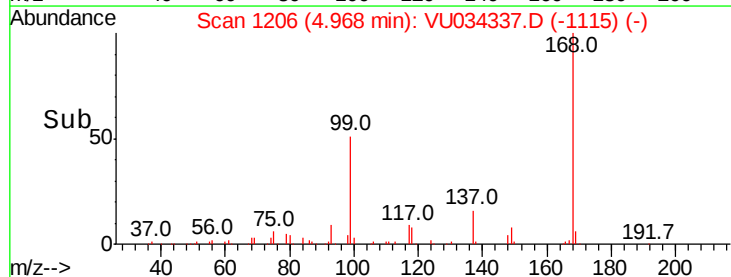


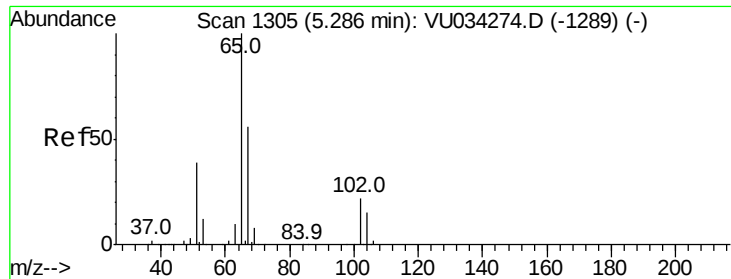
#31
Cyclohexane
Concen: 0.890 ug/l
RT: 4.97 min Scan# 1206
Delta R.T. -0.01 min
Lab File: VU034337.D
Acq: 06 Sep 2019 17:44

Tgt Ion: 56 Resp: 4738
Ion Ratio Lower Upper
56 100
69 180.4 26.7 40.1#
84 170.5 68.2 102.4#



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: 53.018 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

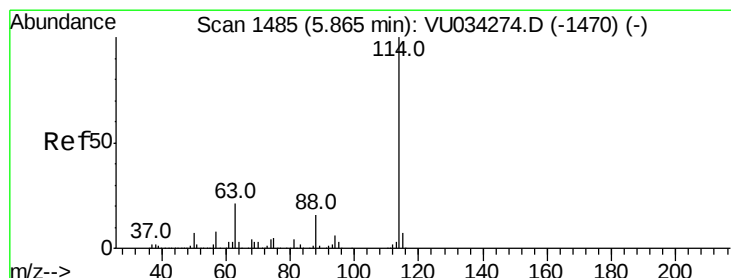
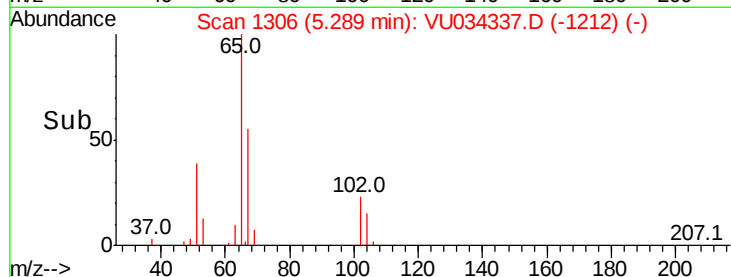
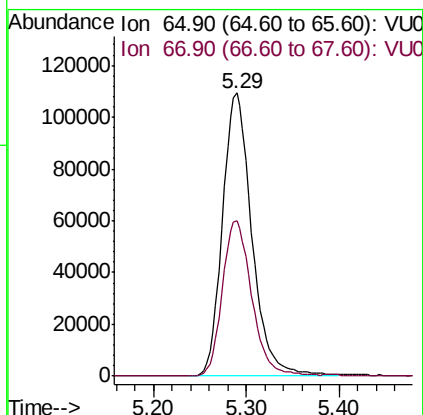
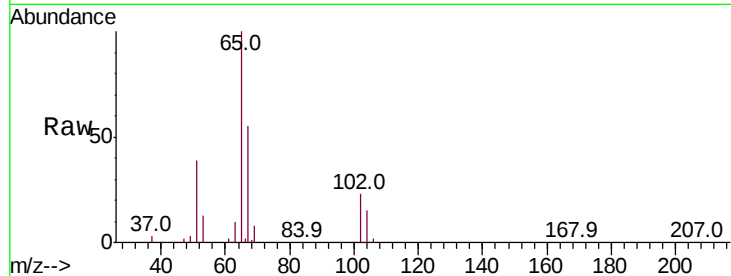
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ClientSampleId :

Tot Ion: 65 Resp: 240879

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

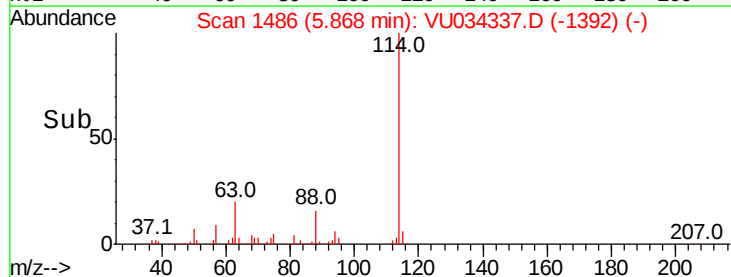
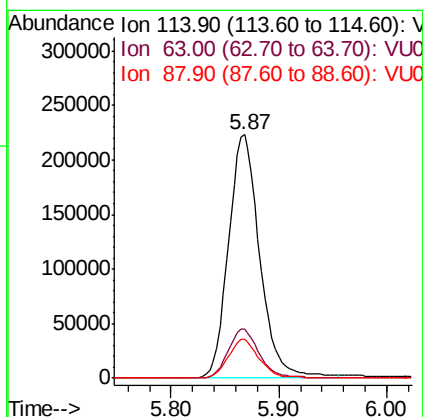
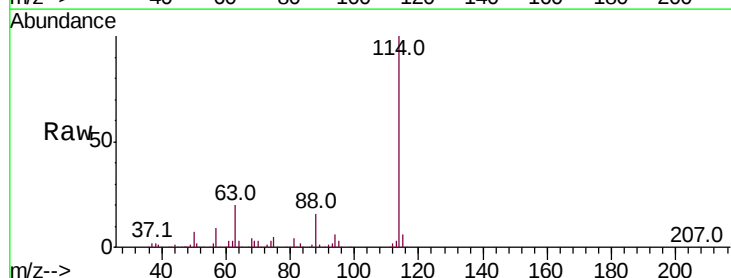
Delta R.T. 0.00 min

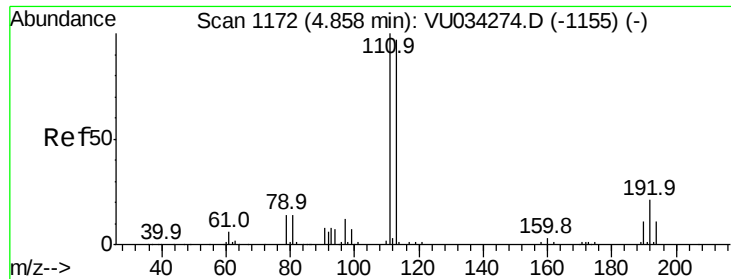
Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

Tgt Ion: 114 Resp: 451947

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.4
88	16.0	0.0	32.4

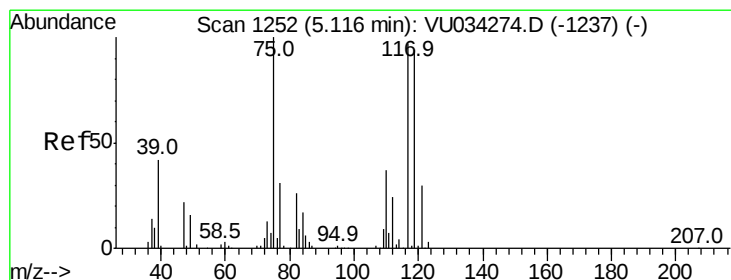
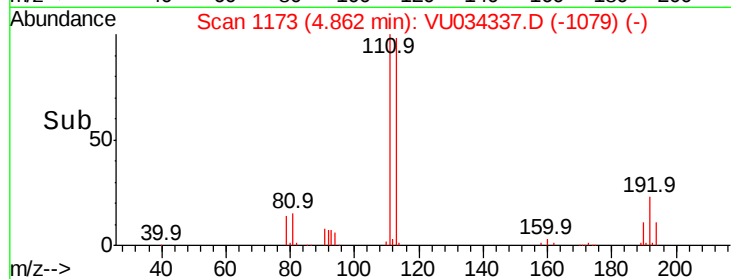
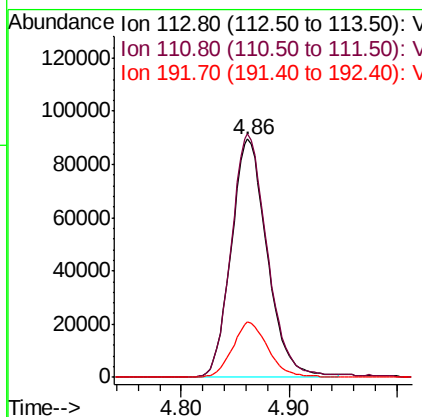
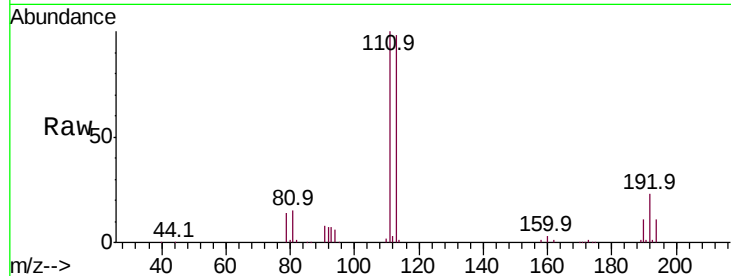




#35
 Dibromofluoromethane
 Concen: 49.449 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034337.D
 Acq: 06 Sep 2019 17:44

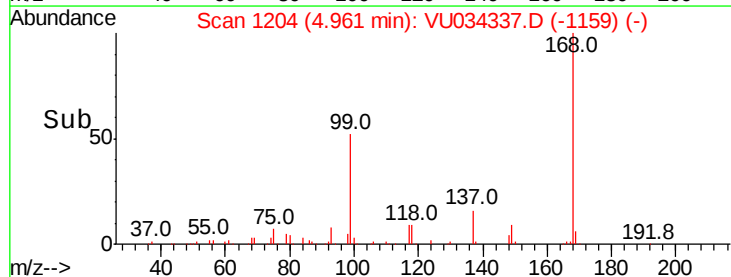
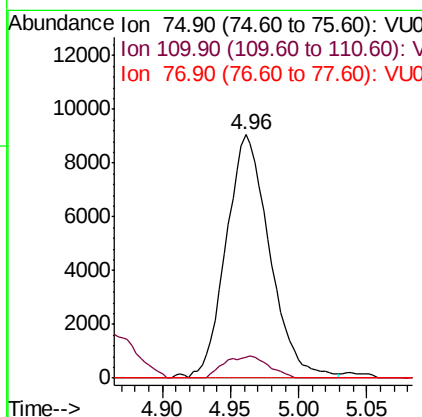
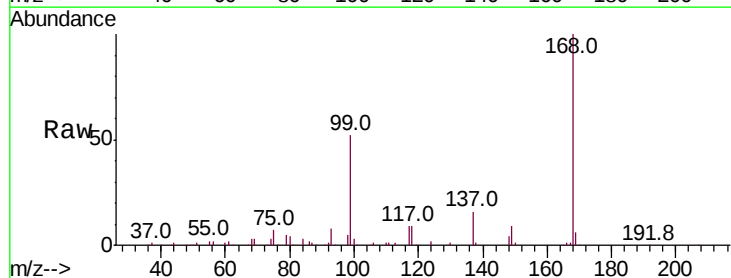
Instrument :
 MSVOA_U
 ClientSampleId :

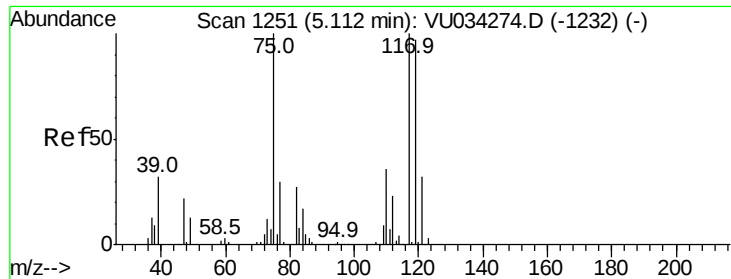
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	23.0	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 4.090 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034337.D
 Acq: 06 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.3	54.9#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.099 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

Instrument :

MSVOA_U

ClientSampleId :

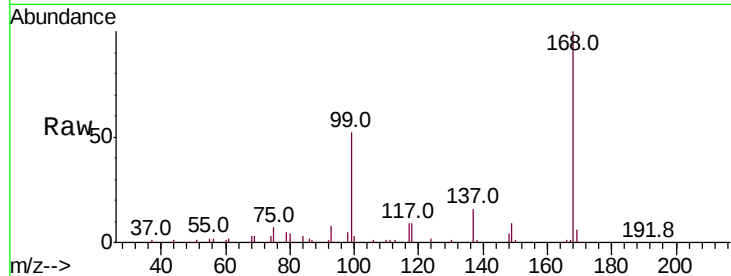
Tot Ion:117 Resp: 26687

Ion Ratio Lower Upper

117 100

119 5.0 77.8 116.6#

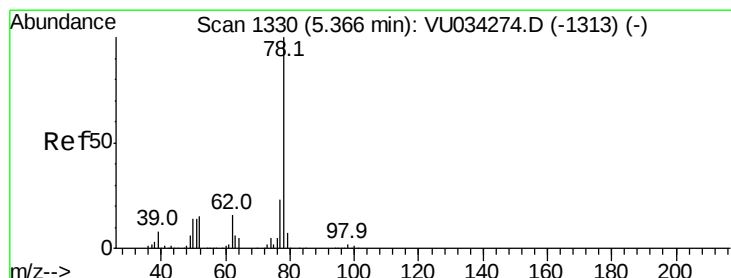
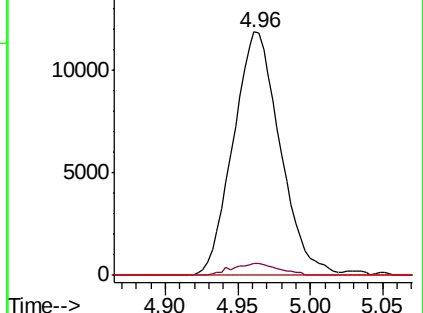
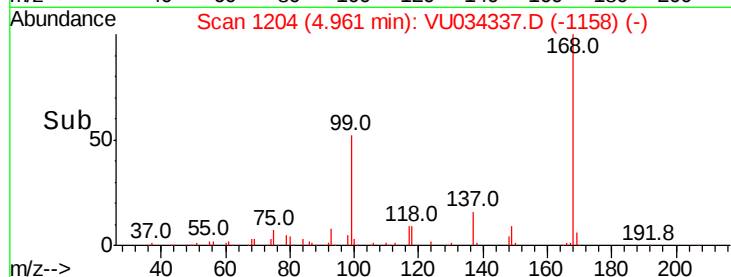
121 0.0 25.2 37.8#



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



#40

Benzene

Concen: 0.309 ug/l

RT: 5.38 min Scan# 1334

Delta R.T. 0.01 min

Lab File: VU034337.D

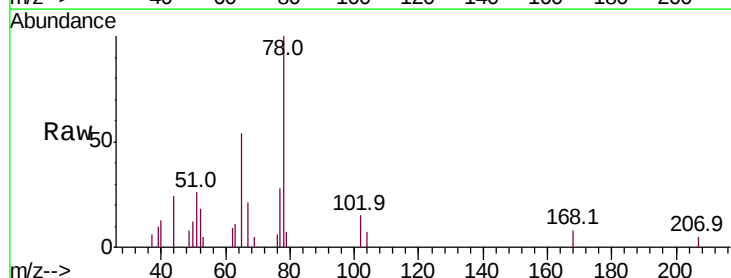
Acq: 06 Sep 2019 17:44

Tgt Ion: 78 Resp: 4894

Ion Ratio Lower Upper

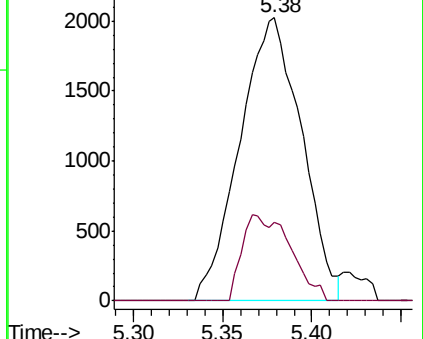
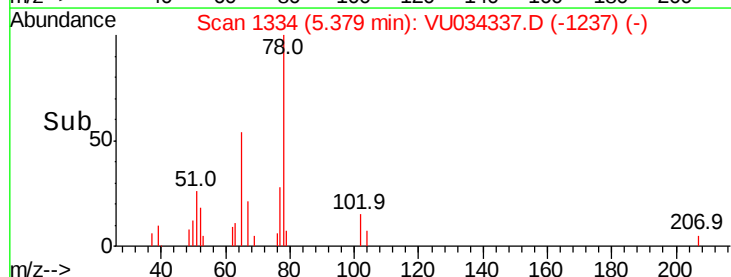
78 100

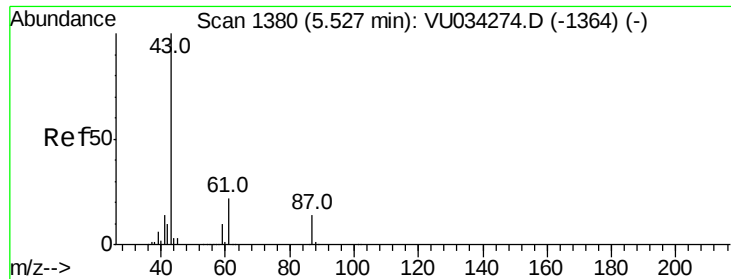
77 27.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#43

Isopropyl Acetate

Concen: 8.594 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

Instrument :

MSVOA_U

ClientSampleId :

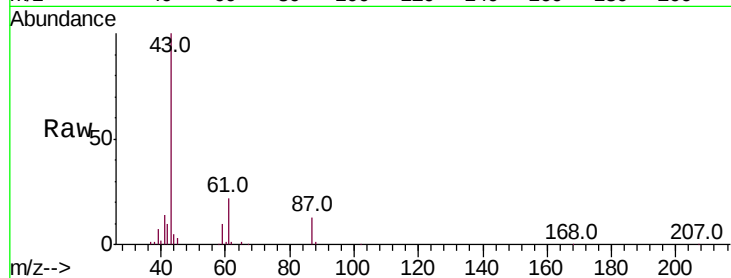
Tot Ion: 43 Resp: 77696

Ion Ratio Lower Upper

43 100

61 22.4 17.1 25.7

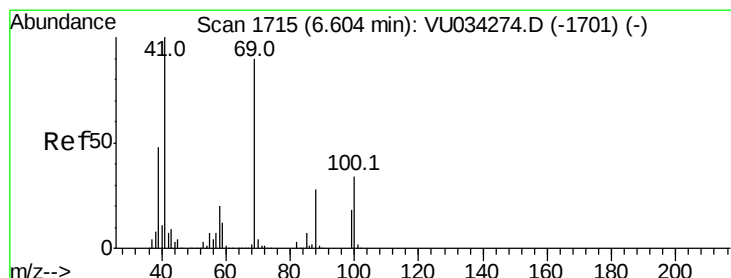
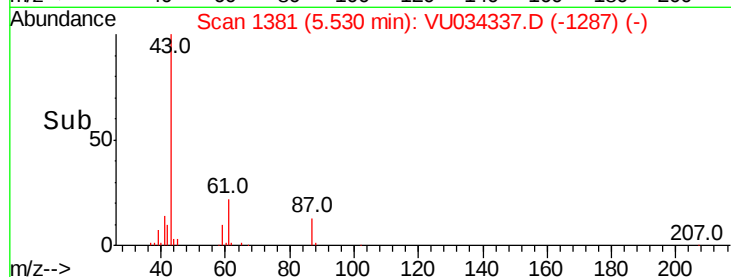
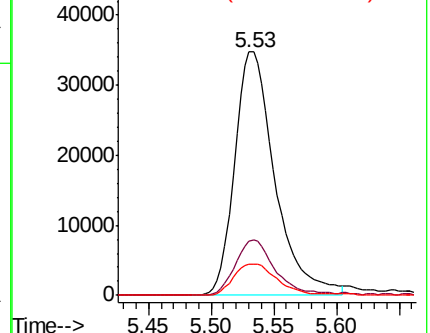
87 13.7 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034337.D (-1380) (-)

Ion 61.00 (60.70 to 61.70): VU034337.D (-1380) (-)

Ion 87.00 (86.70 to 87.70): VU034337.D (-1380) (-)



#48

Methyl methacrylate

Concen: 29.902 ug/l

RT: 6.68 min Scan# 1740

Delta R.T. 0.08 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

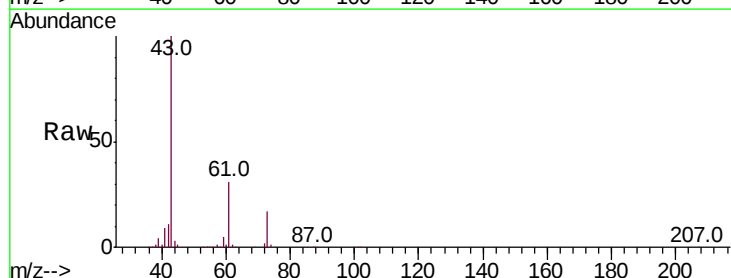
Tgt Ion: 41 Resp: 128392

Ion Ratio Lower Upper

41 100

69 0.1 72.8 109.2#

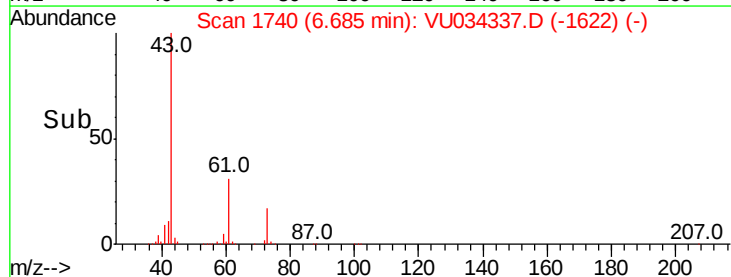
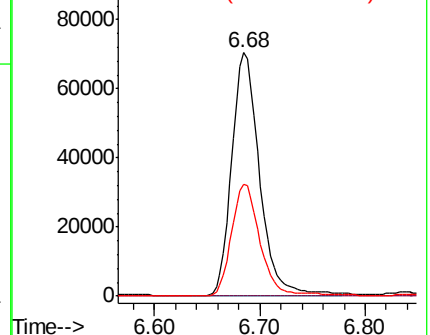
39 46.7 38.6 58.0

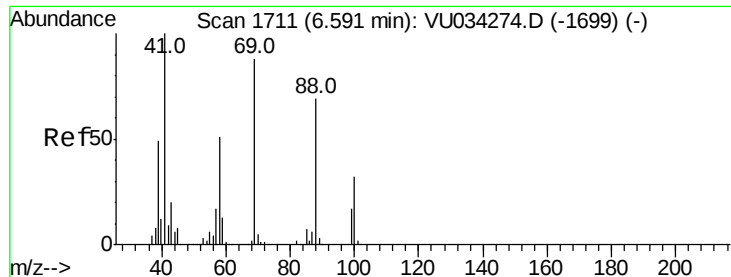


Abundance Ion 41.00 (40.70 to 41.70): VU034337.D (-1715) (-)

Ion 69.00 (68.70 to 69.70): VU034337.D (-1715) (-)

Ion 39.00 (38.70 to 39.70): VU034337.D (-1715) (-)





#49

1,4-Dioxane

Concen: 1.227 ug/l

RT: 6.68 min Scan# 1739

Delta R.T. 0.09 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

Instrument :
MSVOA_U
ClientSampleId :

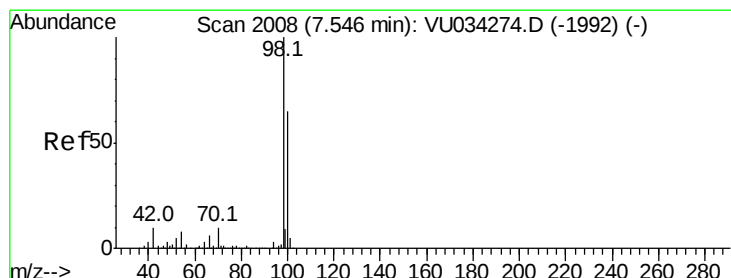
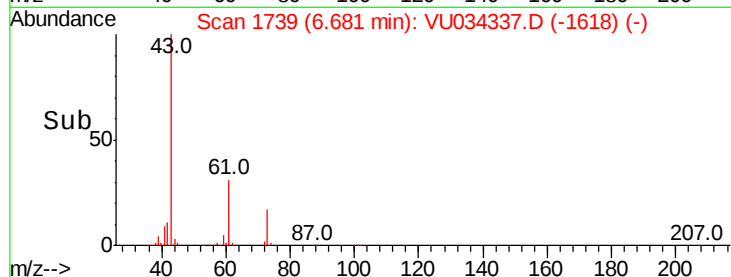
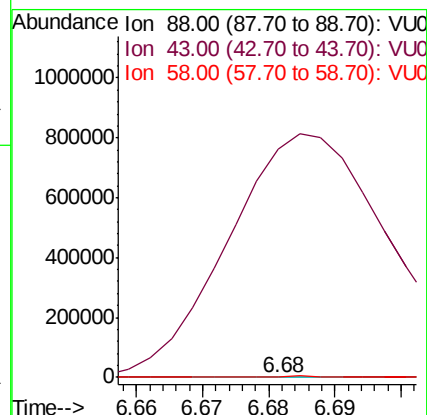
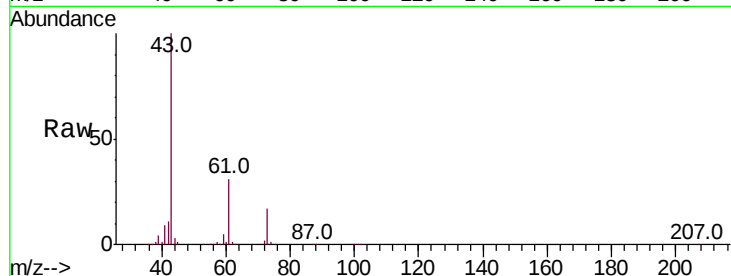
Tot Ion: 88 Resp: 115

Ion Ratio Lower Upper

88 100

43 1287922.6 23.8 35.6#

58 5990.4 58.4 87.6#



#50

Toluene-d8

Concen: 51.628 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034337.D

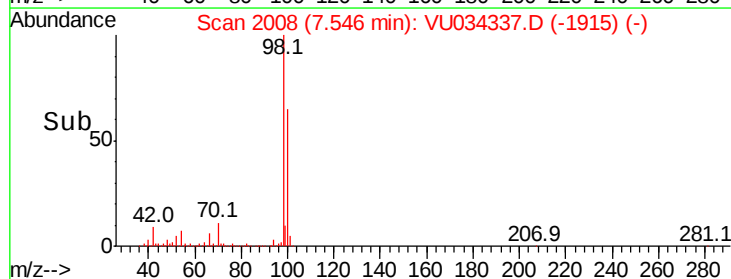
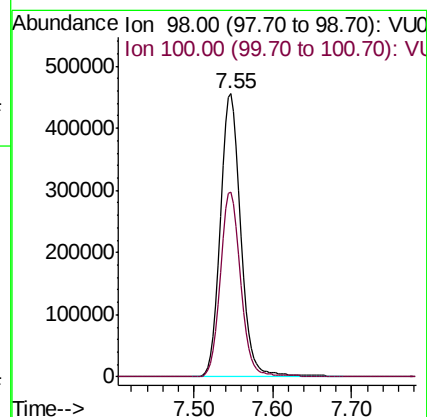
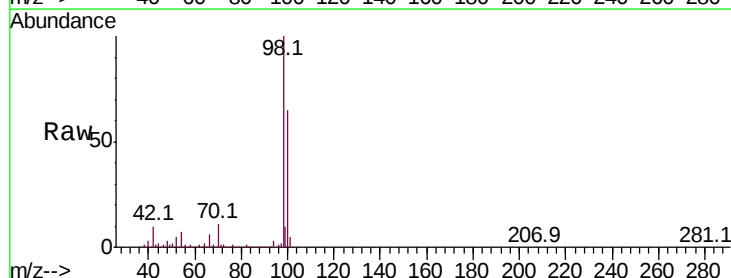
Acq: 06 Sep 2019 17:44

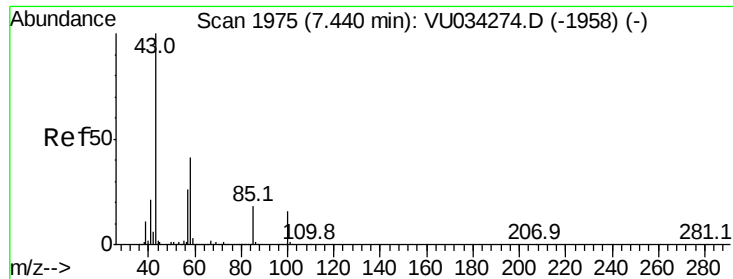
Tgt Ion: 98 Resp: 815709

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 10.643 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. -0.04 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

Instrument :

MSVOA_U

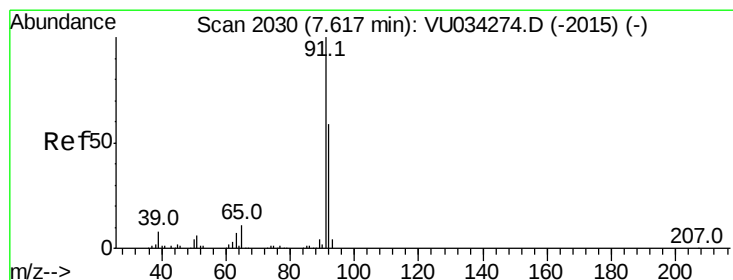
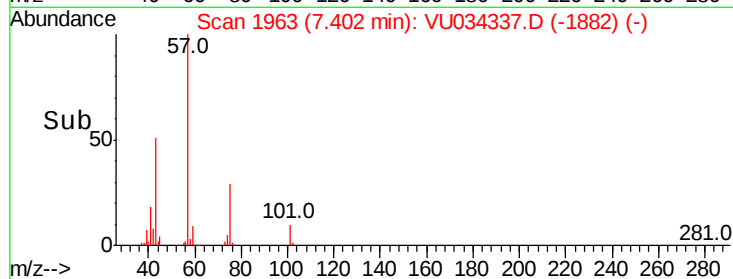
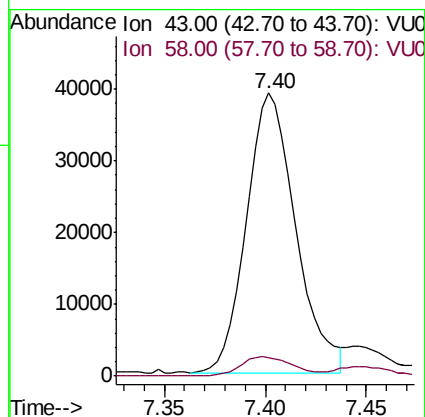
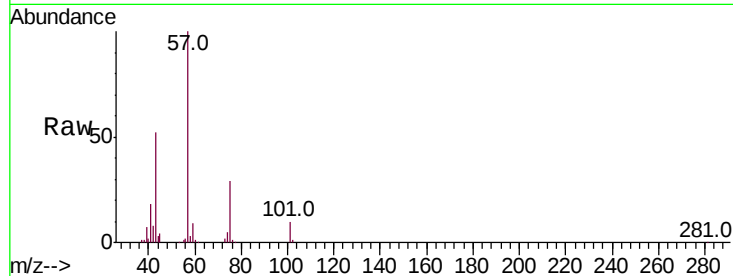
ClientSampleId :

Tot Ion: 43 Resp: 66600

Ion Ratio Lower Upper

43 100

58 7.3 33.0 49.4#



#52

Toluene

Concen: 0.461 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU034337.D

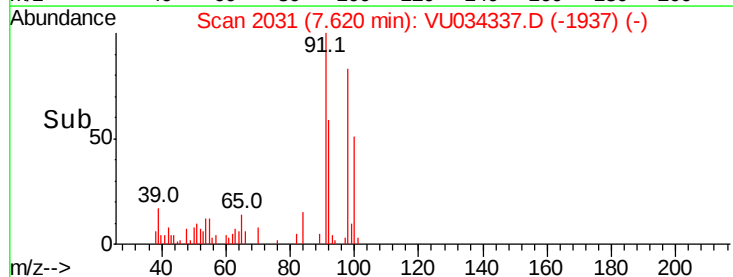
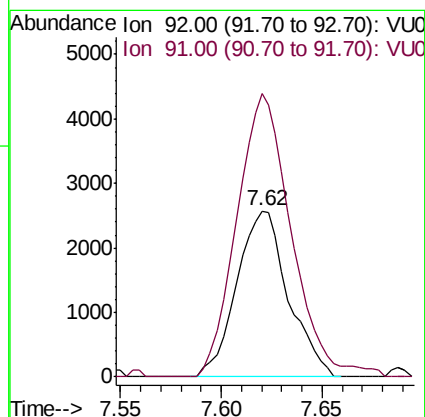
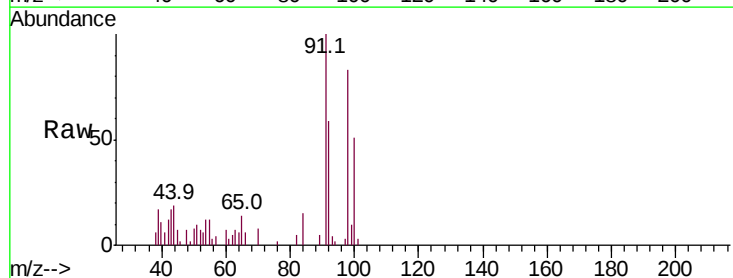
Acq: 06 Sep 2019 17:44

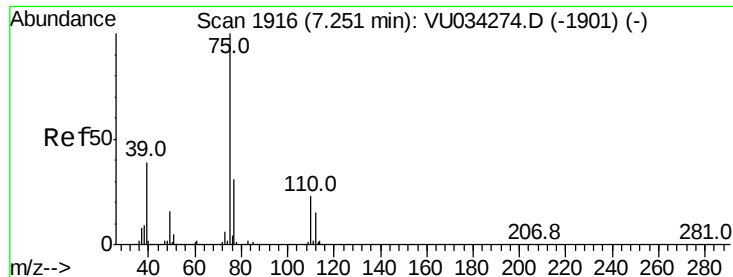
Tgt Ion: 92 Resp: 4576

Ion Ratio Lower Upper

92 100

91 181.3 136.6 205.0



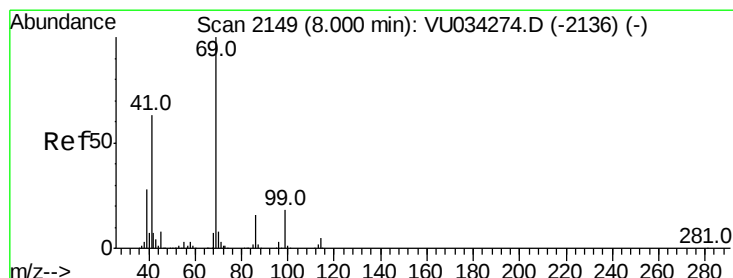
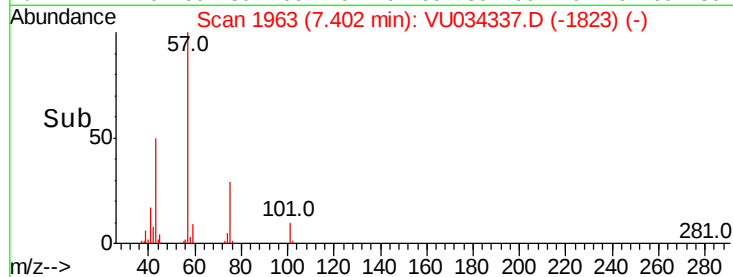
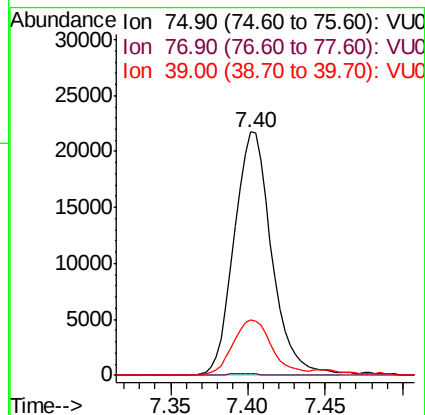
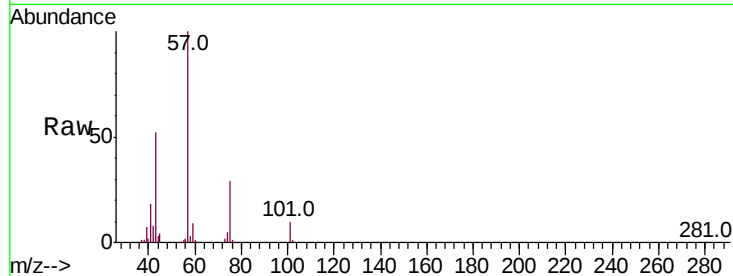


#54

cis-1,3-Dichloropropene
 Concen: 5.386 ug/l
 RT: 7.40 min Scan# 1963
 Delta R.T. 0.15 min
 Lab File: VU034337.D
 Acq: 06 Sep 2019 17:44

Instrument :
 MSVOA_U
 ClientSampleId :

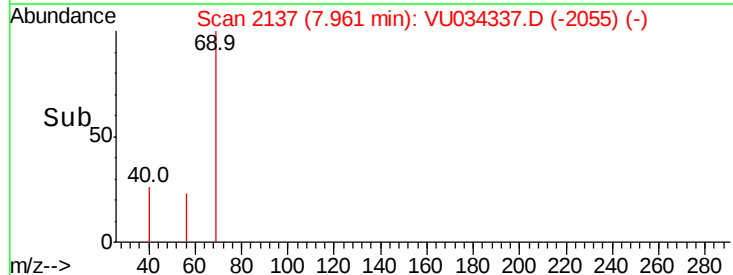
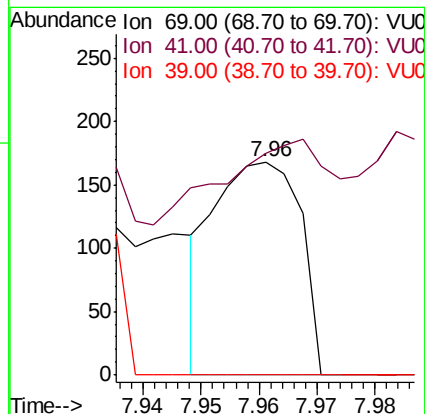
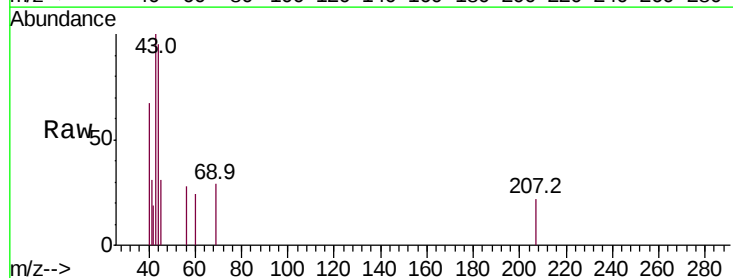
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.1	37.7#
39	23.0	31.2	46.8#

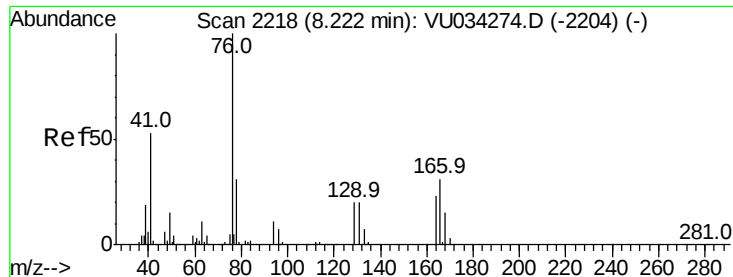


#56

Ethyl methacrylate
 Concen: 3.100 ug/l
 RT: 7.96 min Scan# 2137
 Delta R.T. -0.04 min
 Lab File: VU034337.D
 Acq: 06 Sep 2019 17:44

Tgt 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: 0.962 ug/l

RT: 8.40 min Scan# 2273

Delta R.T. 0.18 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

Instrument :

MSVOA_U

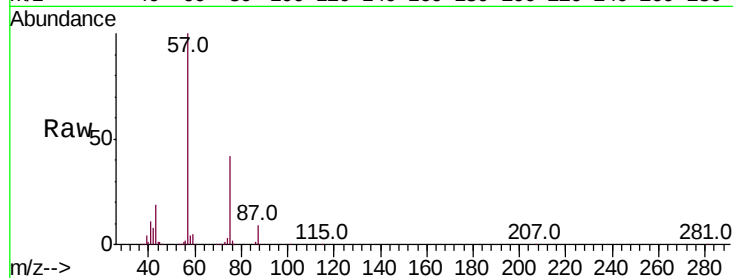
ClientSampleId :

Tot Ion: 76 Resp: 7056

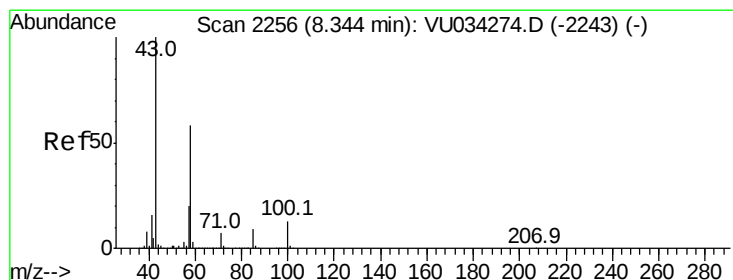
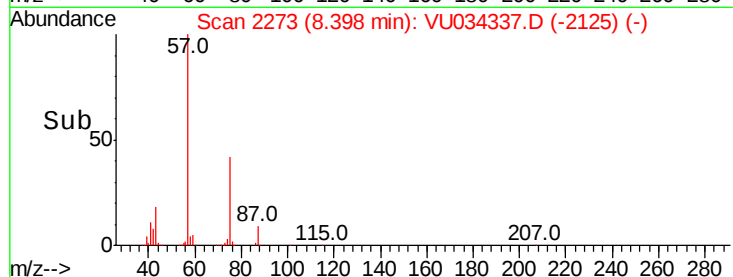
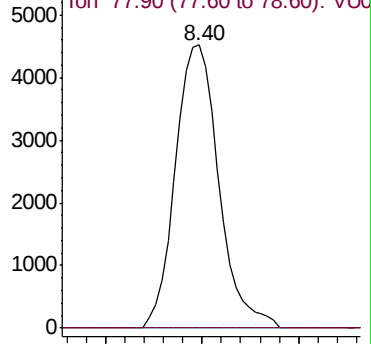
Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.2#



Abundance Ion 75.90 (75.60 to 76.60): VU034337.D (-2125) (-)



#59

2-Hexanone

Concen: 19.086 ug/l

RT: 8.40 min Scan# 2273

Delta R.T. 0.05 min

Lab File: VU034337.D

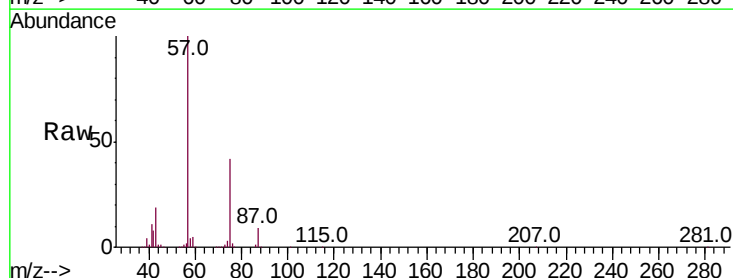
Acq: 06 Sep 2019 17:44

Tgt Ion: 43 Resp: 89222

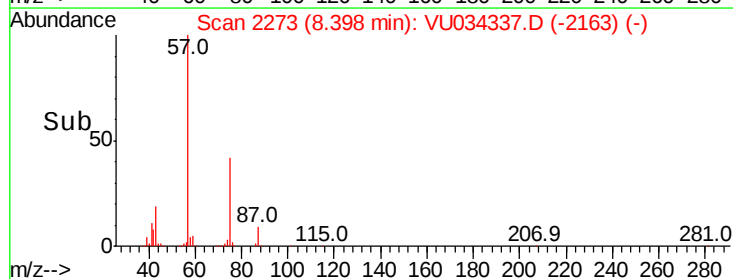
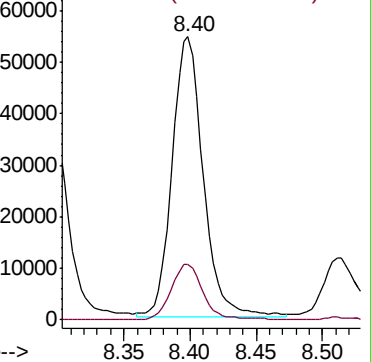
Ion Ratio Lower Upper

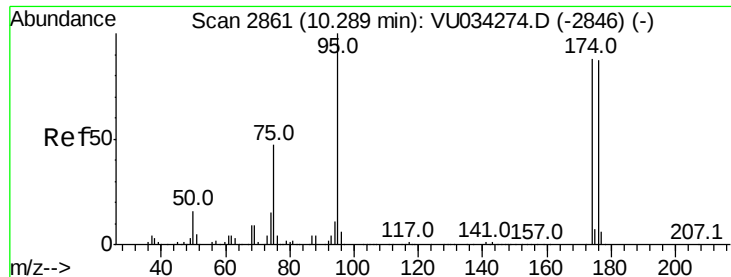
43 100

58 20.6 28.8 86.5#



Abundance Ion 43.00 (42.70 to 43.70): VU034337.D (-2163) (-)





#62

4-Bromofluorobenzene

Concen: 48.231 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

Instrument :

MSVOA_U

ClientSampled :

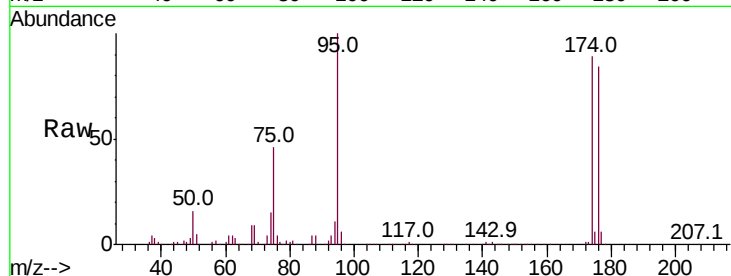
Tot Ion: 95 Resp: 294215

Ion Ratio Lower Upper

95 100

174 88.5 0.0 175.2

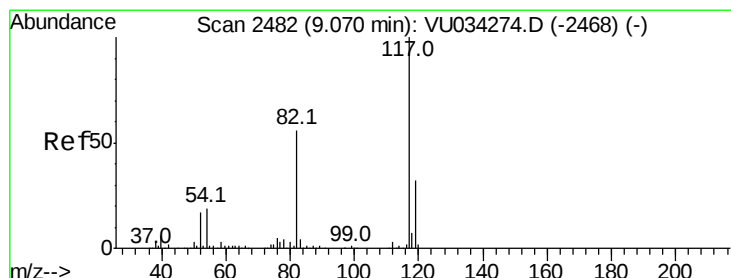
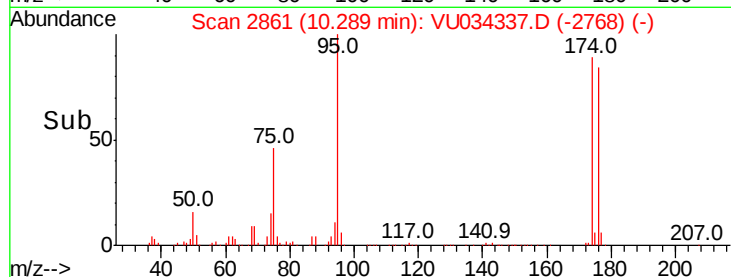
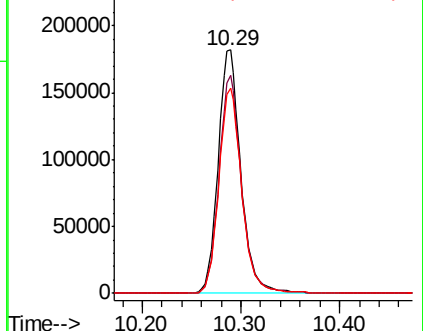
176 85.1 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034337.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034337.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034337.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

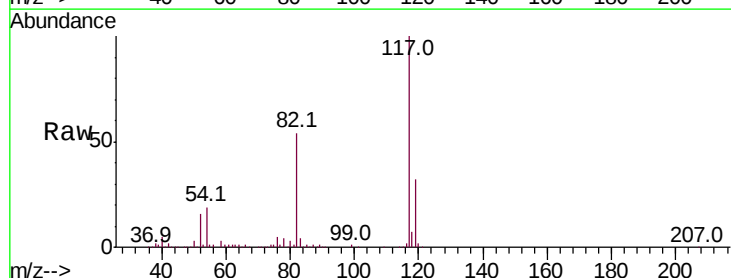
Tgt Ion: 117 Resp: 462673

Ion Ratio Lower Upper

117 100

82 54.2 44.6 67.0

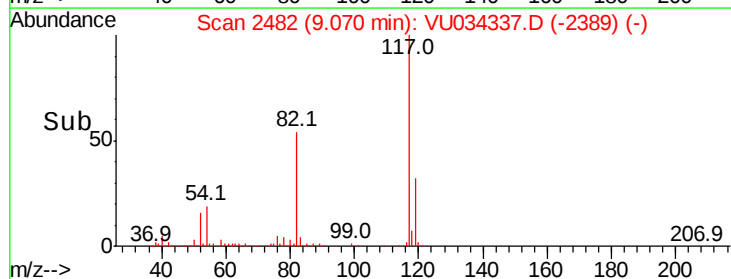
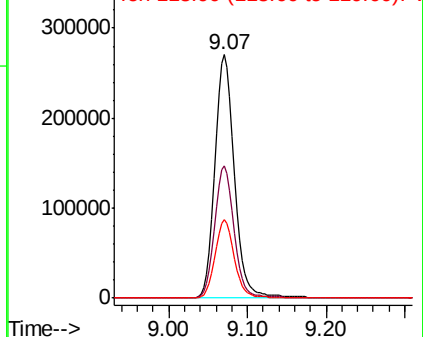
119 32.2 25.9 38.9

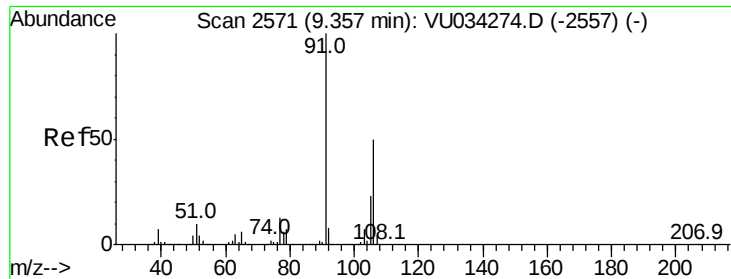


Abundance Ion 116.90 (116.60 to 117.60): VU034337.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034337.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034337.D (-2389) (-)

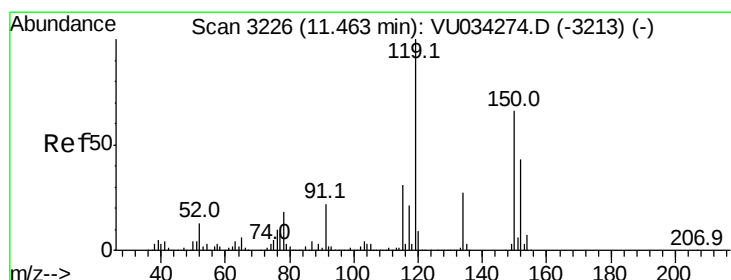
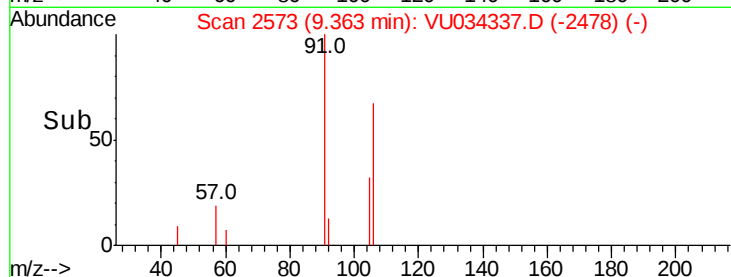
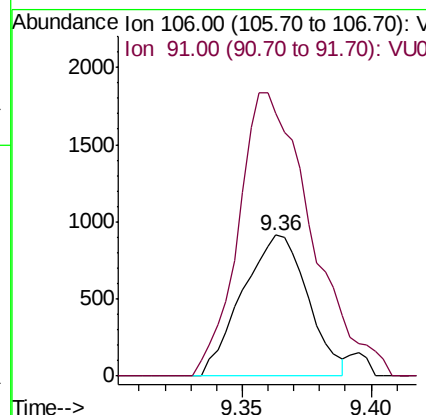
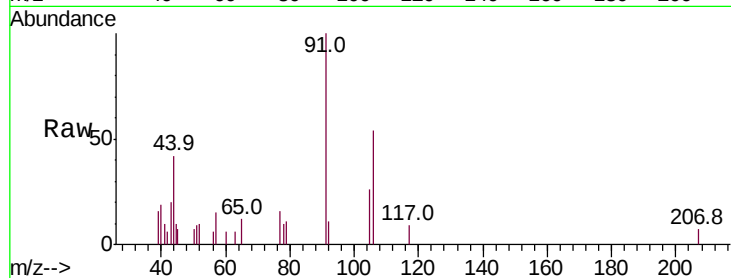




#68
m/p-Xvlenes
Concen: 0.224 ug/l
RT: 9.36 min Scan# 2573
Delta R.T. 0.01 min
Lab File: VU034337.D
Acq: 06 Sep 2019 17:44

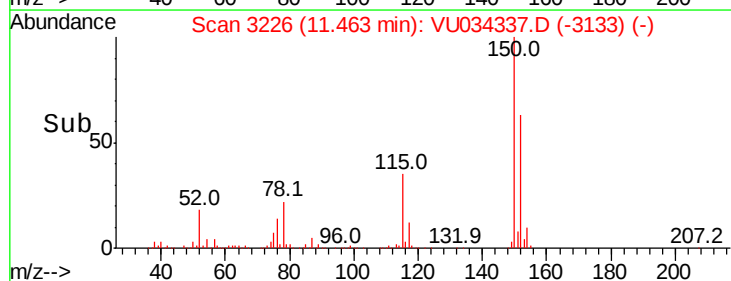
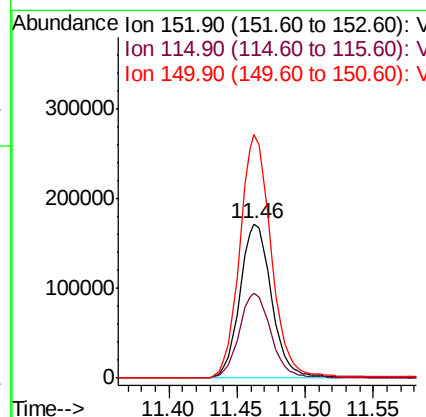
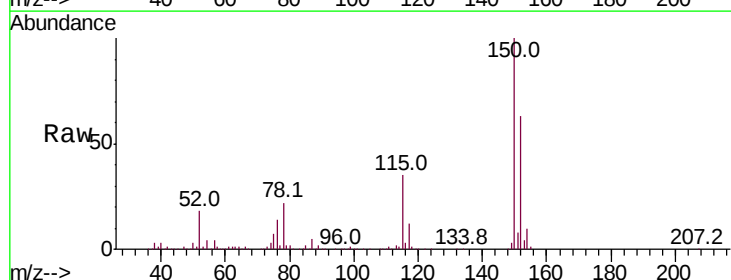
Instrument :
MSVOA_U
ClientSampleId :

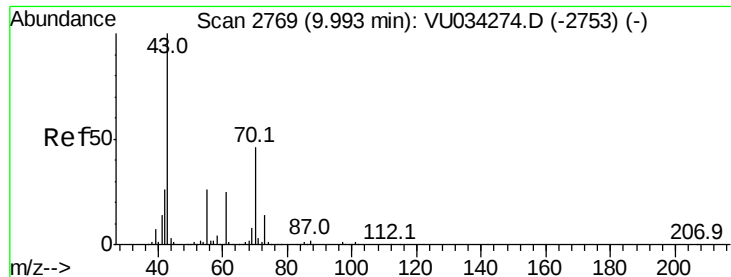
Tot Ion:106 Resp: 1617
Ion Ratio Lower Upper
106 100
91 224.2 160.1 240.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034337.D
Acq: 06 Sep 2019 17:44

Tgt Ion:152 Resp: 276678
Ion Ratio Lower Upper
152 100
115 55.7 39.1 117.3
150 158.5 0.0 345.4





#74

N-amvl acetate

Concen: 0.400 ug/l

RT: 9.92 min Scan# 2747

Delta R.T. -0.07 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 2898

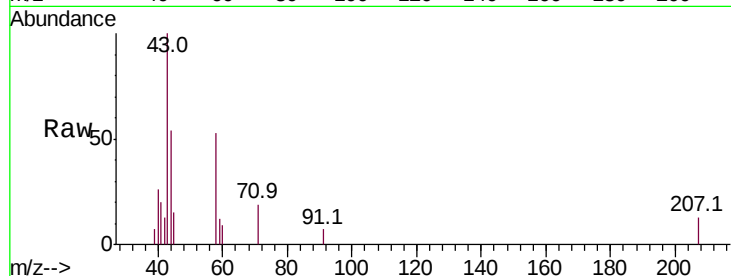
Ion Ratio Lower Upper

43 100

70 0.0 36.4 54.6#

55 3.5 21.2 31.8#

61 0.0 20.4 30.6#

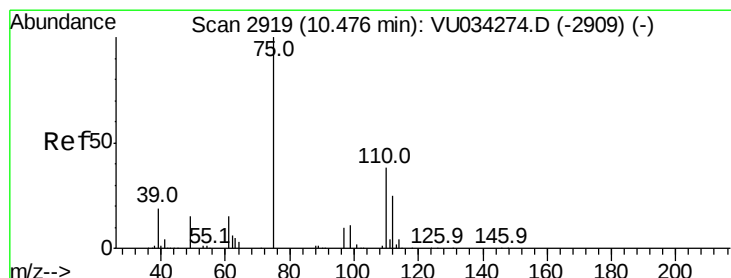
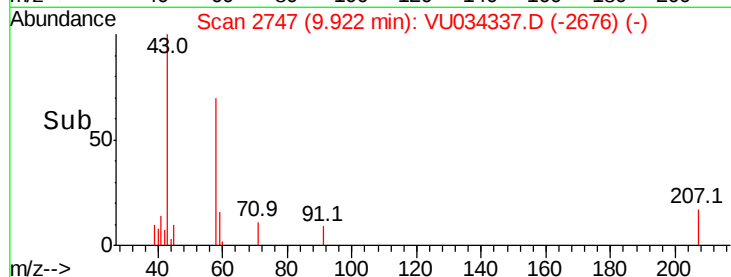
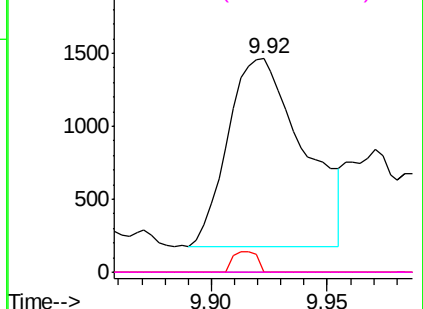


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 22.801 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.19 min

Lab File: VU034337.D

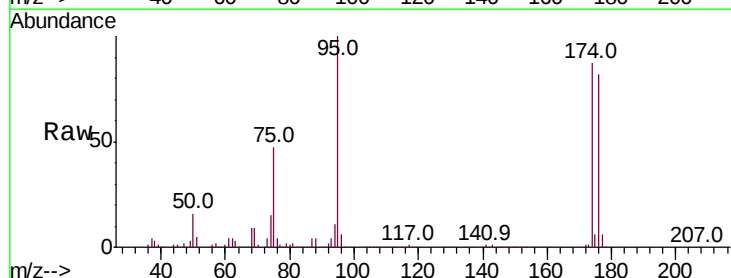
Acq: 06 Sep 2019 17:44

Tgt Ion: 75 Resp: 137704

Ion Ratio Lower Upper

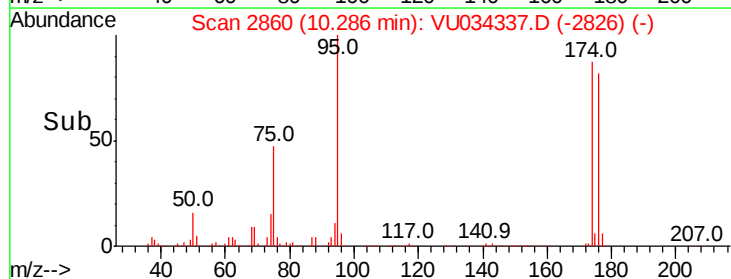
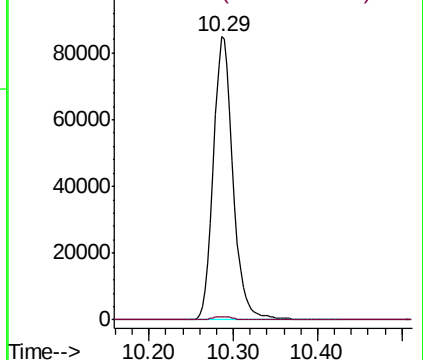
75 100

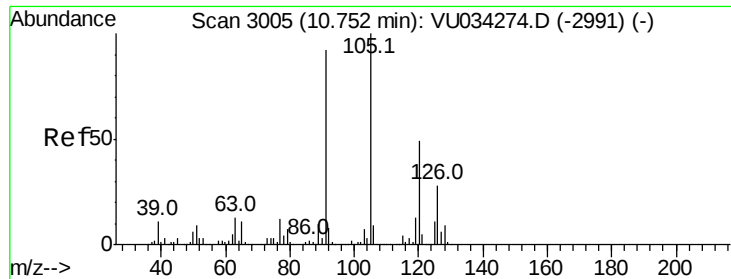
77 1.2 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#80

1,3,5-Trimethylbenzene

Concen: 0.273 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

Instrument :

MSVOA_U

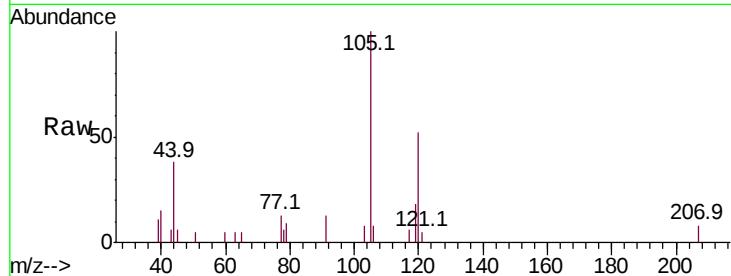
ClientSampleId :

Tot Ion:105 Resp: 4118

Ion Ratio Lower Upper

105 100

120 47.3 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500

2000

1500

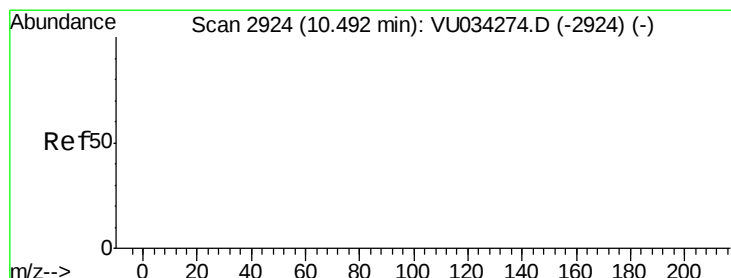
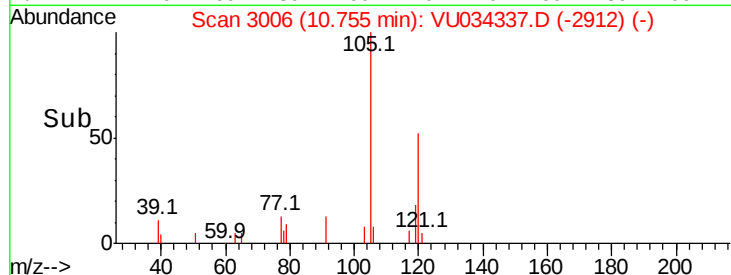
1000

500

0

10.70 10.75 10.80

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 76.678 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.21 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

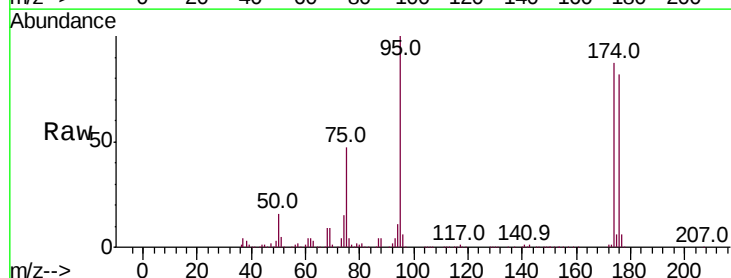
Tgt Ion: 75 Resp: 137704

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0#

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

100000

80000

60000

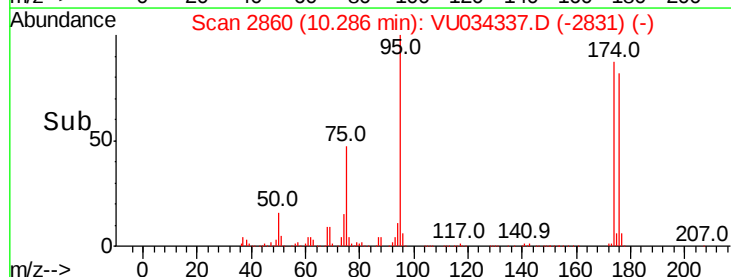
40000

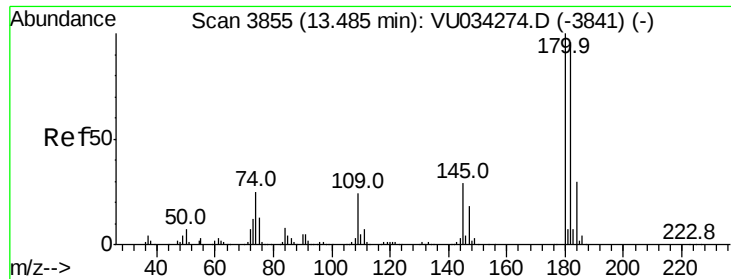
20000

0

10.20 10.30 10.40

Time-->





#93

1,2,4-Trichlorobenzene

Concen: 3.458 ug/l

RT: 13.50 min Scan# 3860

Delta R.T. 0.02 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

Instrument :

MSVOA_U

ClientSampled :

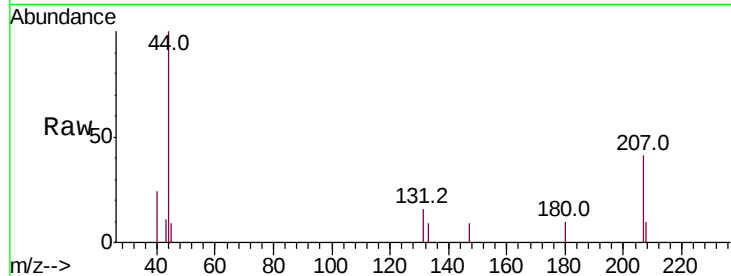
Tot Ion:180 Resp: 48

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.8#

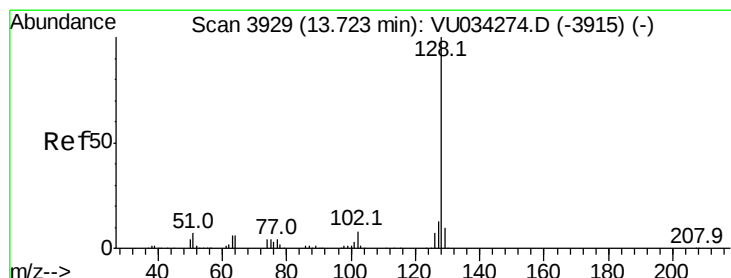
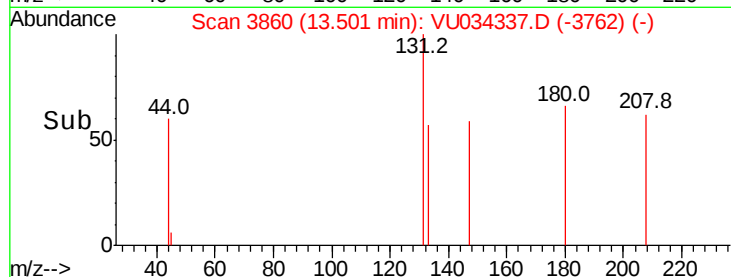
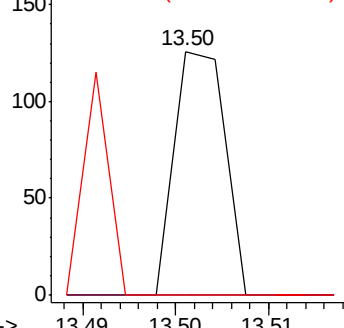
145 45.8 14.4 43.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 6.347 ug/l

RT: 13.73 min Scan# 3932

Delta R.T. 0.01 min

Lab File: VU034337.D

Acq: 06 Sep 2019 17:44

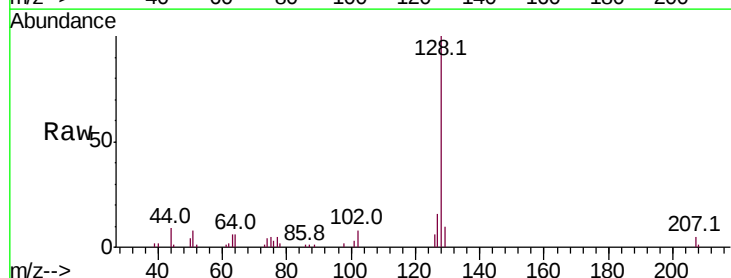
Tgt Ion:128 Resp: 47683

Ion Ratio Lower Upper

128 100

127 11.5 10.6 15.8

129 8.9 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

