

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034335.D
 Acq On : 06 Sep 2019 16:57
 Operator : JC/SP
 Sample : K4663-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

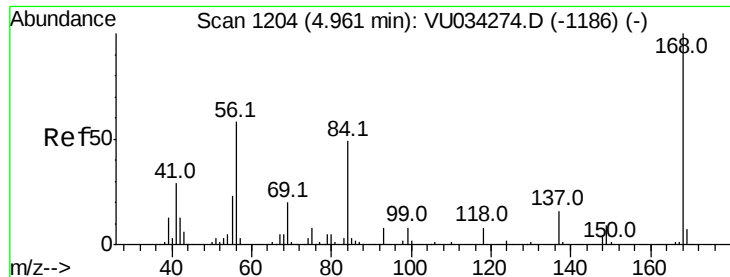
Quant Time: Sep 06 17:33:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	311049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	467936	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	469716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	284905	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	248837	52.87	ug/l	0.00
Spiked Amount			Recovery	=	105.74%	
35) Dibromofluoromethane	4.86	113	219850	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	7.55	98	836868	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	10.29	95	301726	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	264	Below Cal	#	71
6) Chloroethane	1.66	64	138	Below Cal	#	43
10) Methyl Iodide	2.40	142	41	3.858	ug/l #	43
11) Tert butyl alcohol	2.82	59	4362	4.387	ug/l #	73
16) Acetone	2.31	43	11903	4.887	ug/l	97
18) Methyl Acetate	2.61	43	4162	0.702	ug/l #	77
20) Methylene Chloride	2.69	84	25264	5.981	ug/l	97
31) Cyclohexane	4.96	56	4694	0.852	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	20918	4.122	ug/l #	45
38) Carbon Tetrachloride	4.96	117	27089	4.999	ug/l #	15
43) Isopropyl Acetate	5.53	43	74345	7.943	ug/l	98
45) 1,2-Dichloropropane	6.68	63	1560	0.326	ug/l #	44
48) Methyl methacrylate	6.53	41	3627	0.816	ug/l #	13
49) 1,4-Dioxane	6.68	88	70	0.721	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	72597	11.205	ug/l #	45
54) cis-1,3-Dichloropropene	7.40	75	37010	5.259	ug/l #	61
56) Ethyl methacrylate	7.93	69	119	3.092	ug/l #	28
57) 1,3-Dichloropropane	8.40	76	6738	0.887	ug/l #	43
59) 2-Hexanone	8.40	43	80922	16.719	ug/l #	52
68) m/p-Xylenes	9.36	106	1750	0.239	ug/l	84
74) N-amyl acetate	9.92	43	2004	0.269	ug/l #	43
76) 1,2,3-Trichloropropane	10.29	75	138902	22.335	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.75	105	5024	0.324	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.29	75	138902	75.112	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.13	105	5957	0.382	ug/l	98
95) Naphthalene	13.74	128	24255	5.142	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.99	180	40	2.644	ug/l #	74

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034335.D

Acq: 06 Sep 2019 16:57

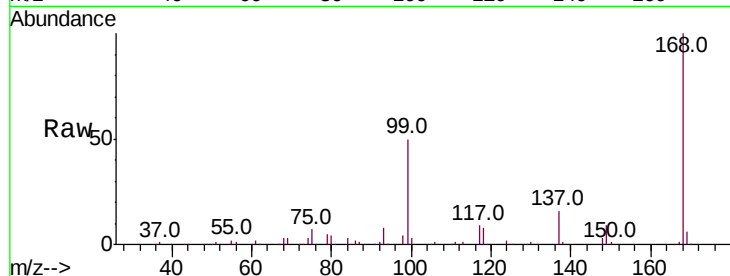
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 311049

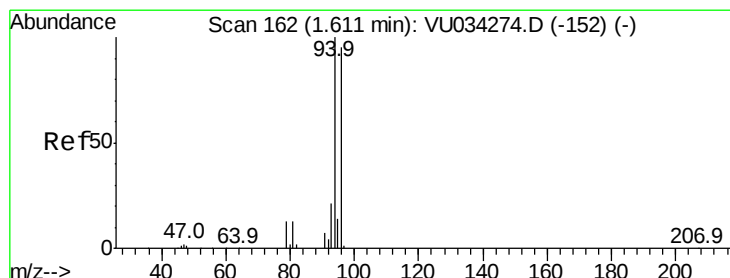
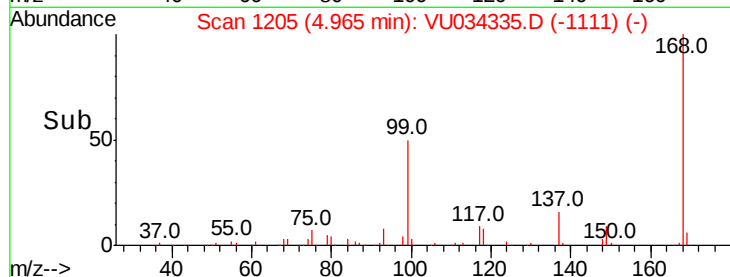
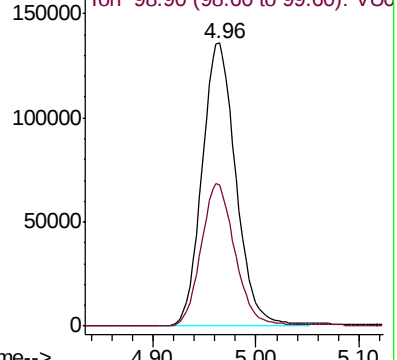
Ion Ratio Lower Upper

168 100

99 49.8 41.6 62.4



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



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 167

Delta R.T. 0.02 min

Lab File: VU034335.D

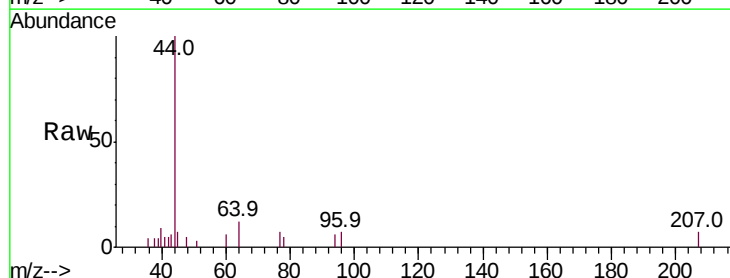
Acq: 06 Sep 2019 16:57

Tgt Ion: 94 Resp: 264

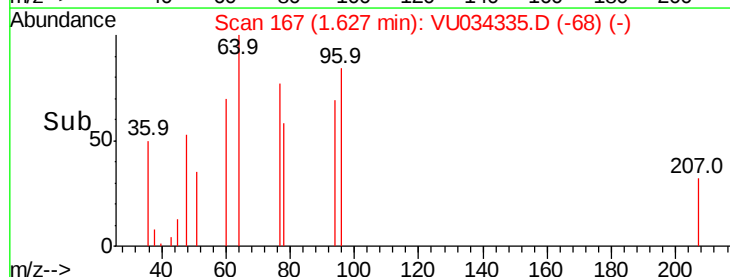
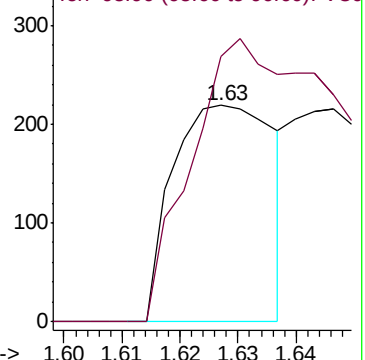
Ion Ratio Lower Upper

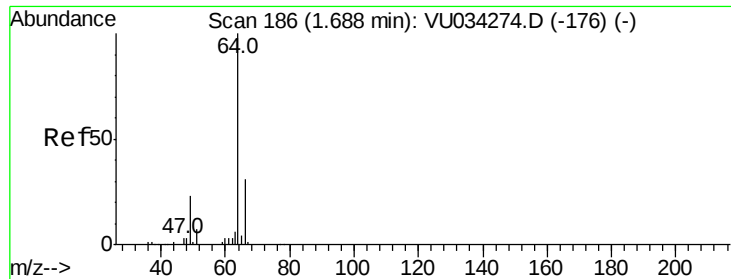
94 100

96 122.8 75.7 113.5#



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

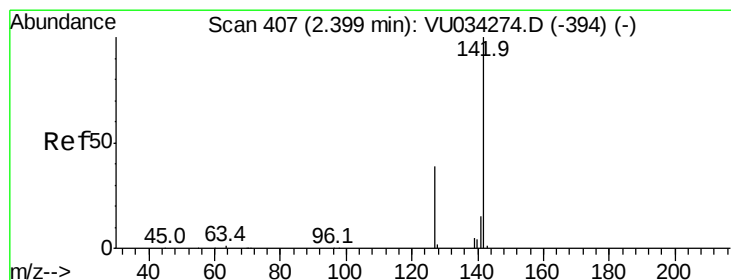
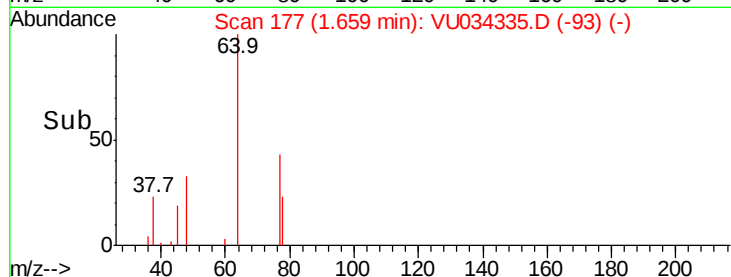
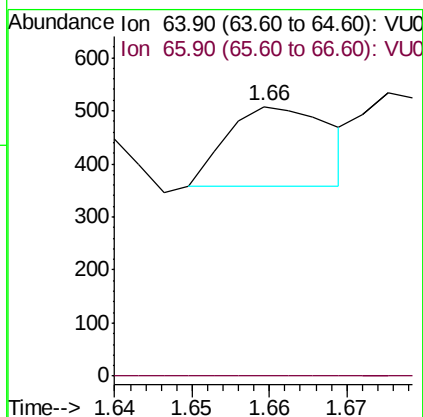
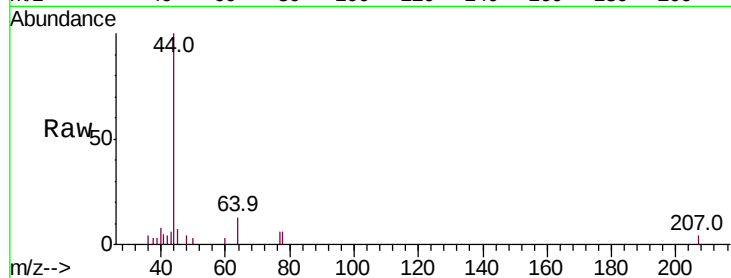




#6
Chloroethane
Concen: Below Cal
RT: 1.66 min Scan# 177
Delta R.T. -0.03 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

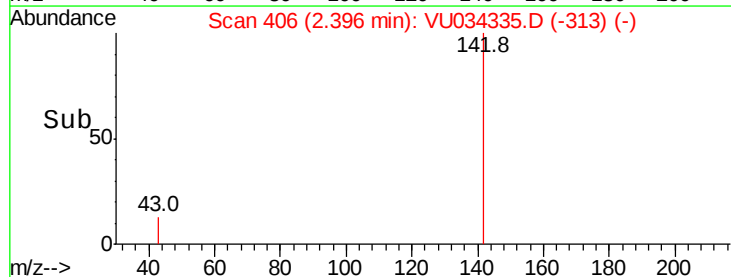
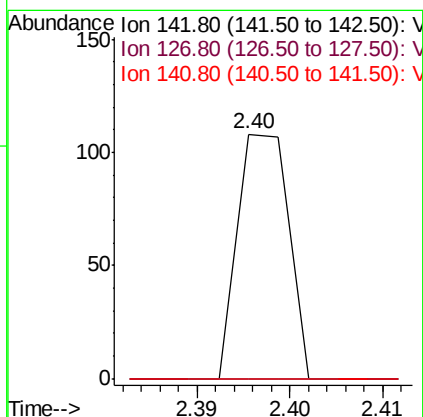
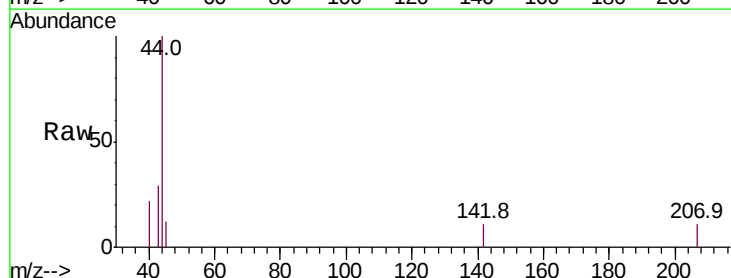
Instrument :
MSVOA_U
ClientSampleId :

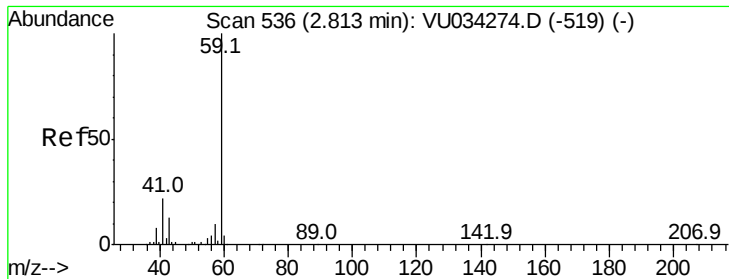
Tot Ion: 64 Resp: 138
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



#10
Methyl Iodide
Concen: 3.858 ug/l
RT: 2.40 min Scan# 406
Delta R.T. -0.00 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

Tgt Ion: 142 Resp: 41
Ion Ratio Lower Upper
142 100
127 0.0 32.1 48.1#
141 0.0 11.5 17.3#

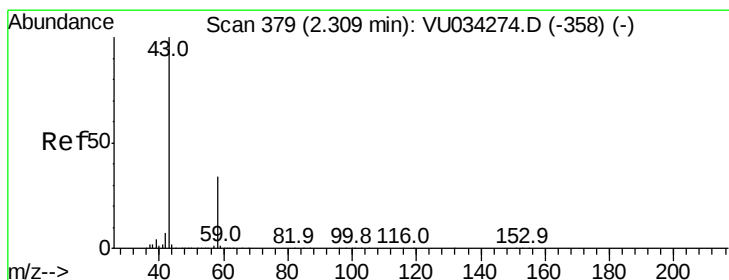
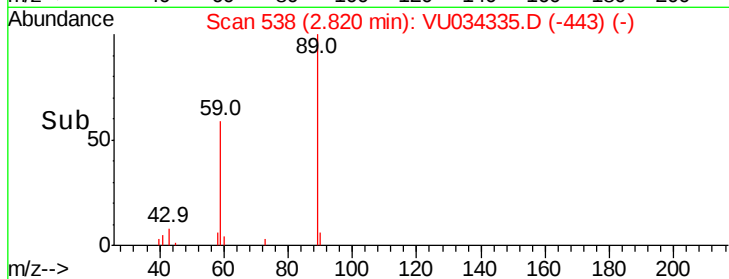
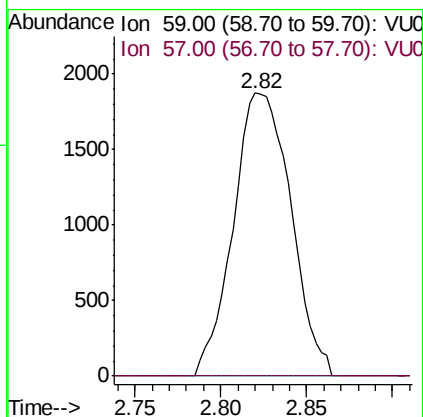
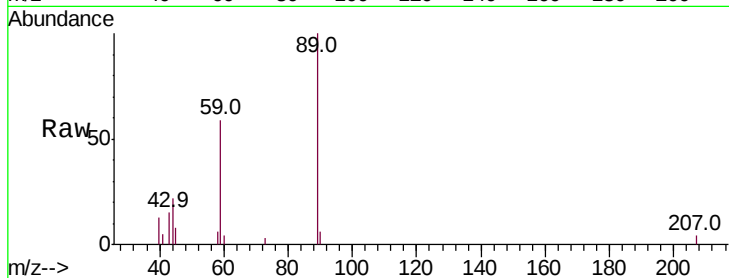




#11
Tert butyl alcohol
Concen: 4.387 ug/l
RT: 2.82 min Scan# 538
Delta R.T. 0.01 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

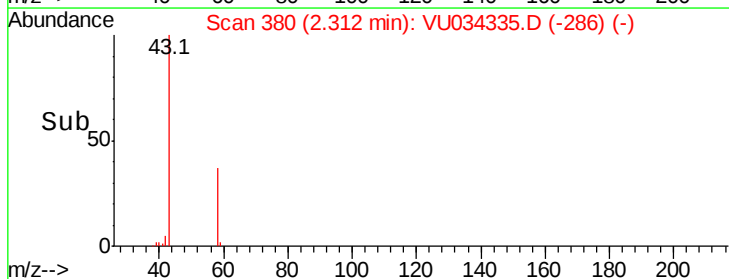
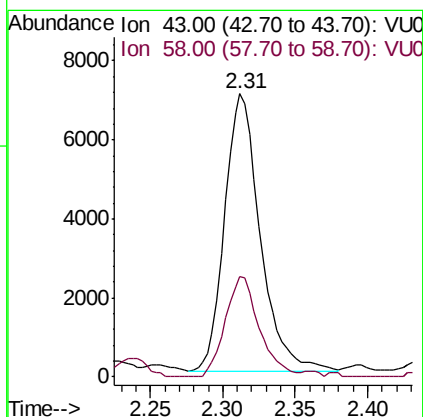
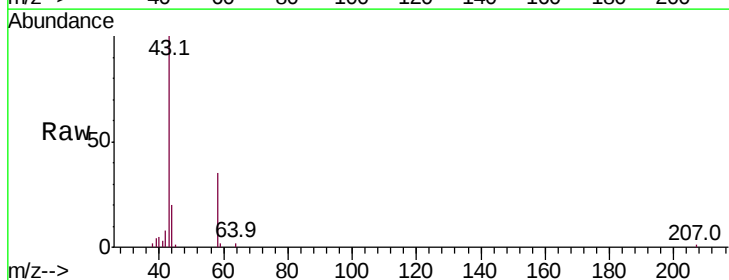
Instrument :
MSVOA_U
ClientSampleId :

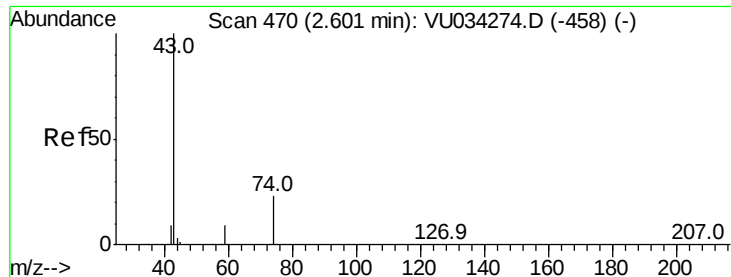
Tot Ion: 59 Resp: 4362
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 4.887 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

Tgt Ion: 43 Resp: 11903
Ion Ratio Lower Upper
43 100
58 36.2 27.6 41.4

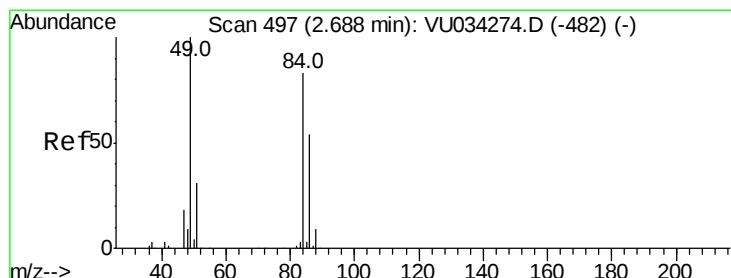
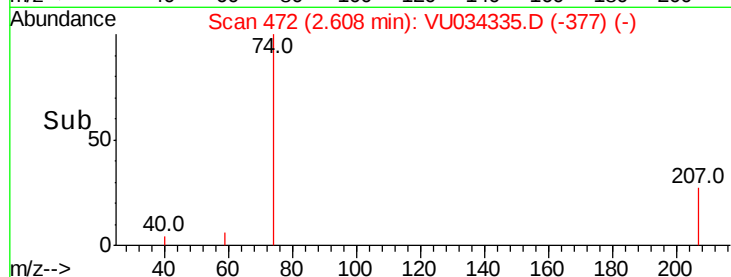
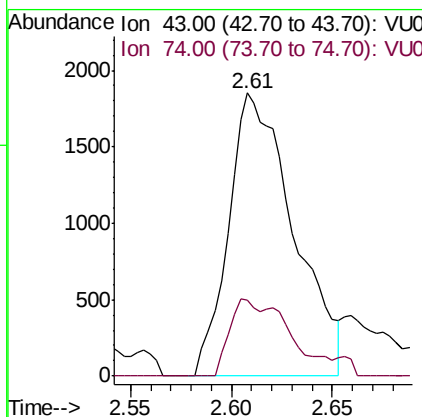
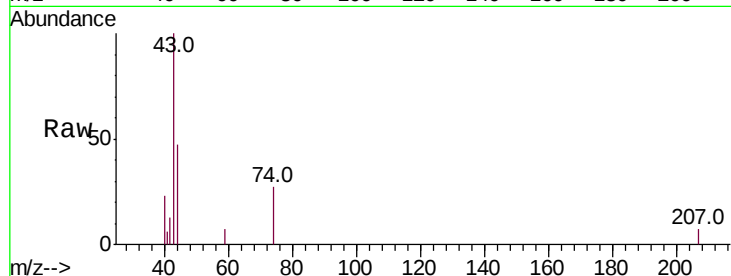




#18
Methyl Acetate
Concen: 0.702 ug/l
RT: 2.61 min Scan# 472
Delta R.T. 0.01 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

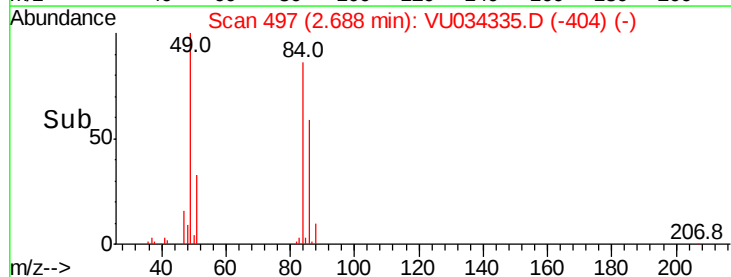
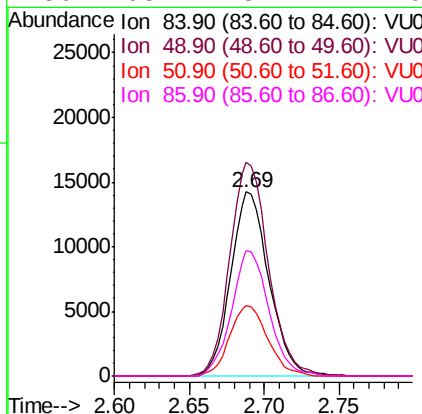
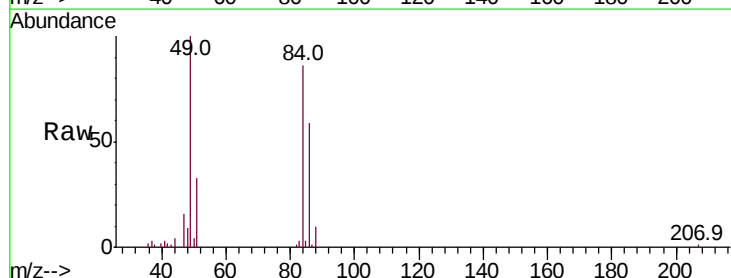
Instrument :
MSVOA_U
ClientSampleId :

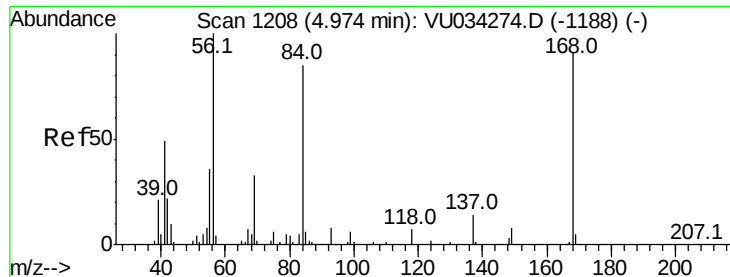
Tot Ion: 43 Resp: 4162
Ion Ratio Lower Upper
43 100
74 12.5 18.9 28.3#



#20
Methylene Chloride
Concen: 5.981 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

Tgt Ion: 84 Resp: 25264
Ion Ratio Lower Upper
84 100
49 116.3 96.0 144.0
51 38.1 30.0 45.0
86 68.2 51.4 77.0

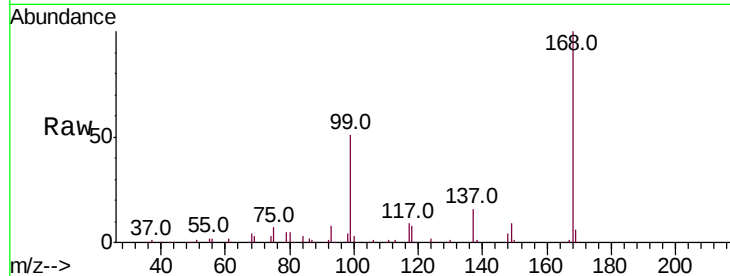




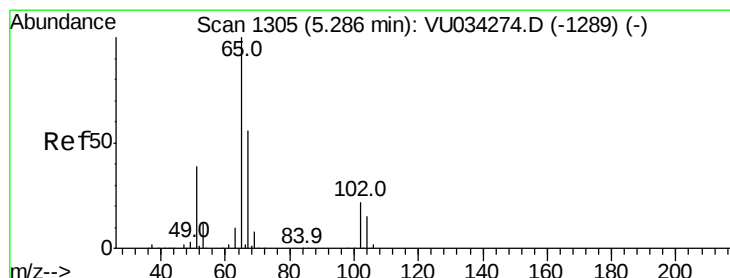
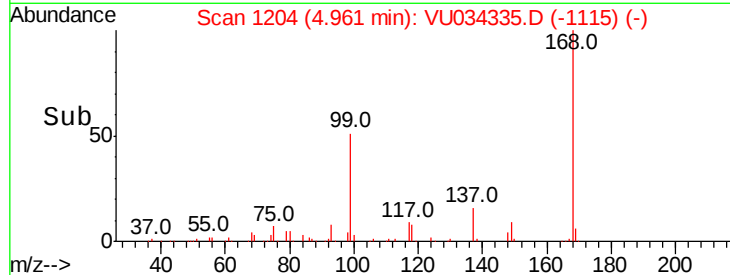
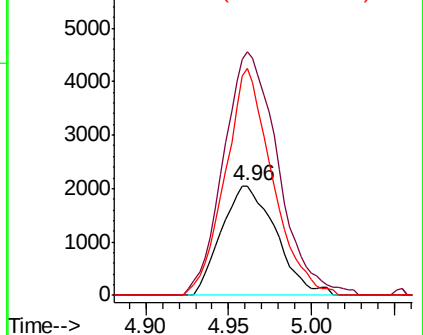
#31
Cvclohexane
Concen: 0.852 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 4694
Ion Ratio Lower Upper
56 100
69 214.9 26.7 40.1#
84 206.8 68.2 102.4#

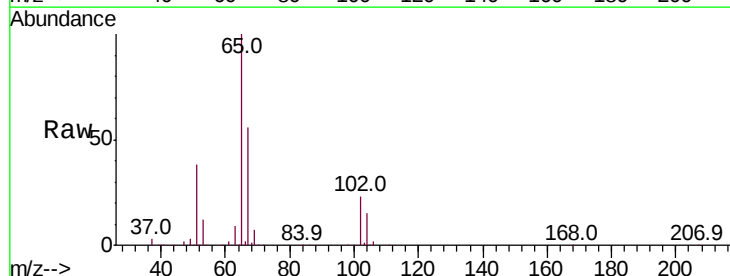


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

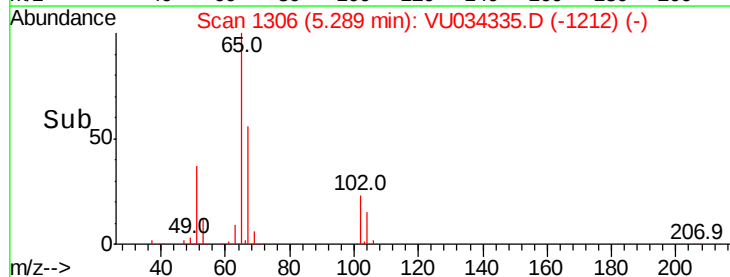
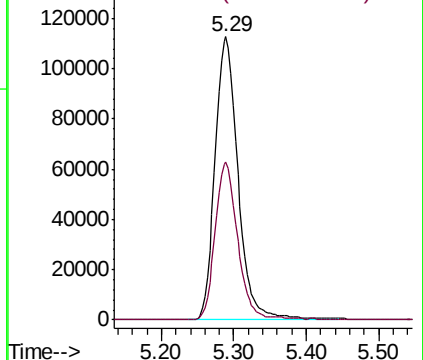


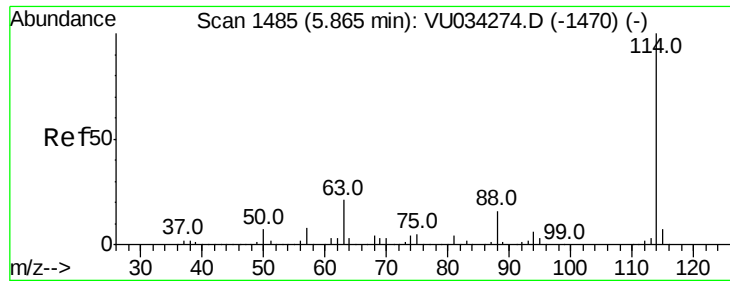
#33
1,2-Dichloroethane-d4
Concen: 52.873 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

Tgt Ion: 65 Resp: 248837
Ion Ratio Lower Upper
65 100
67 53.8 0.0 112.4



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

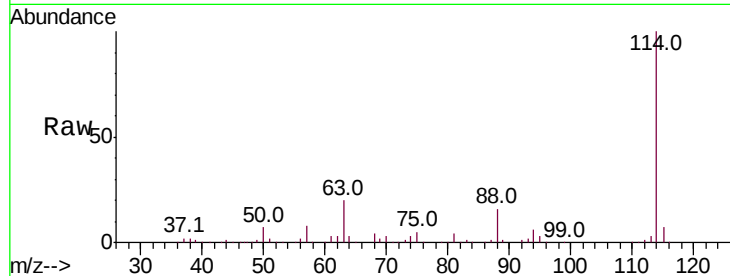




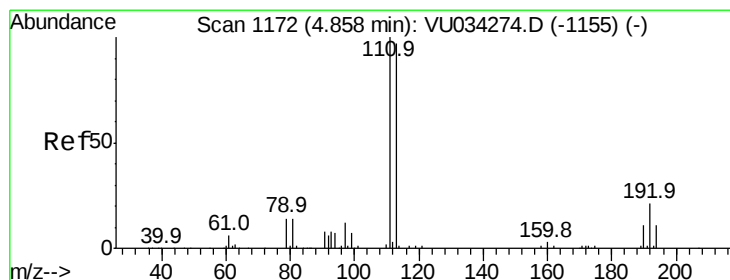
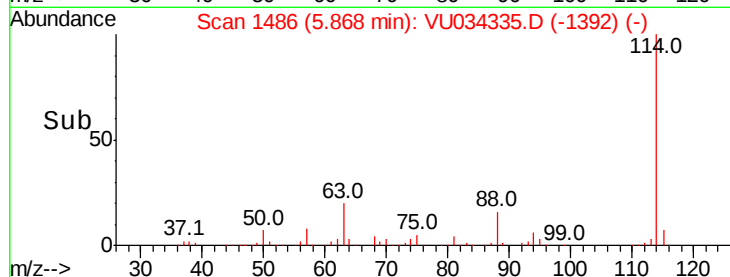
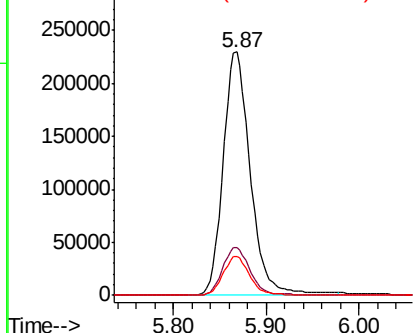
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034335.D
 Acq: 06 Sep 2019 16:57

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:114 Resp: 467936
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 16.1 0.0 32.4

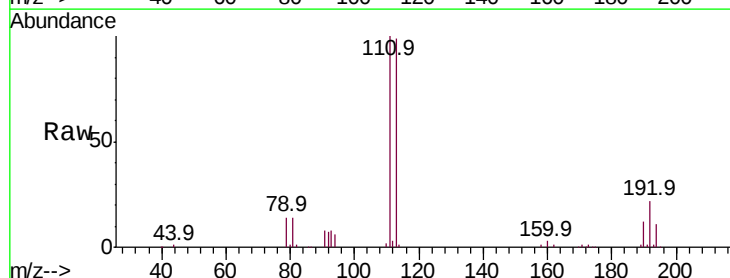


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

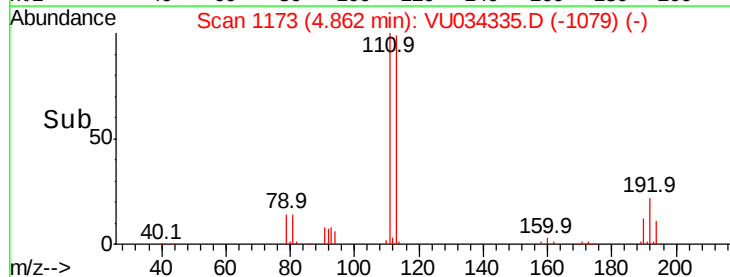
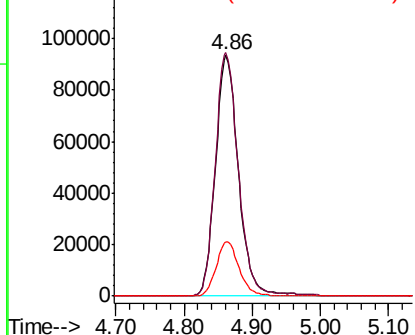


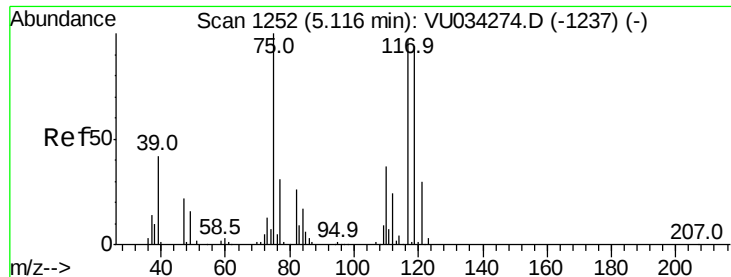
#35
 Dibromofluoromethane
 Concen: 50.492 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034335.D
 Acq: 06 Sep 2019 16:57

Tgt Ion:113 Resp: 219850
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.5 122.3
 192 22.3 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.122 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU034335.D

Acq: 06 Sep 2019 16:57

Instrument :
MSVOA_U
ClientSampleId :

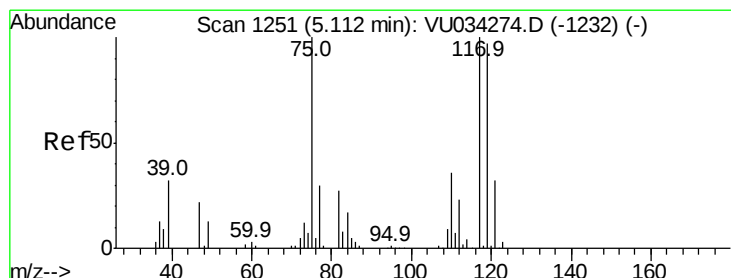
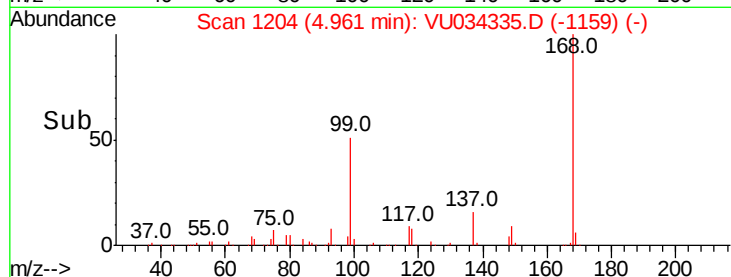
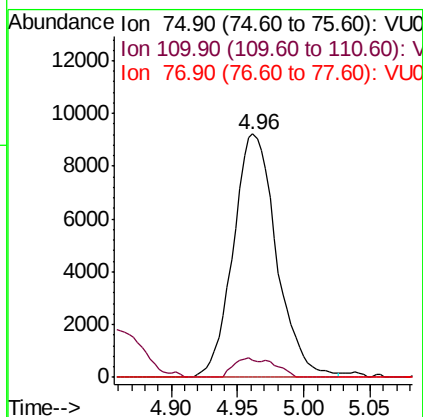
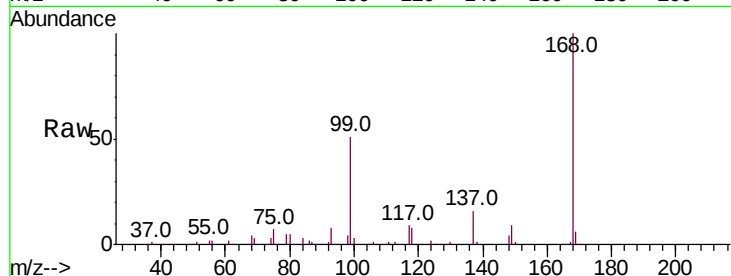
Tot Ion: 75 Resp: 20918

Ion Ratio Lower Upper

75 100

110 4.2 18.3 54.9#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.999 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU034335.D

Acq: 06 Sep 2019 16:57

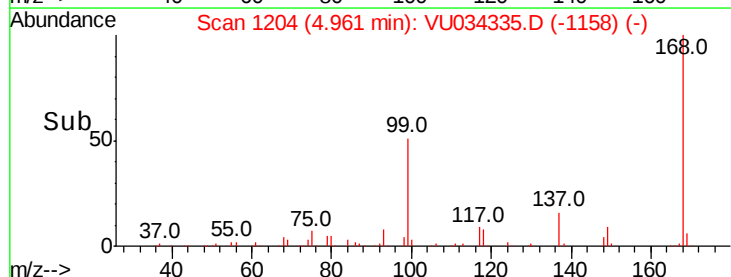
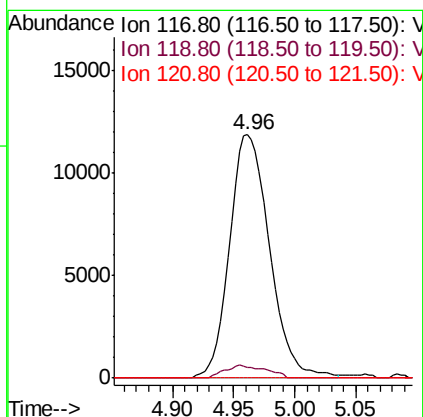
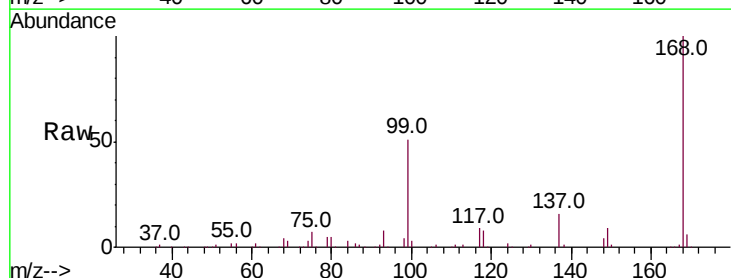
Tgt Ion: 117 Resp: 27089

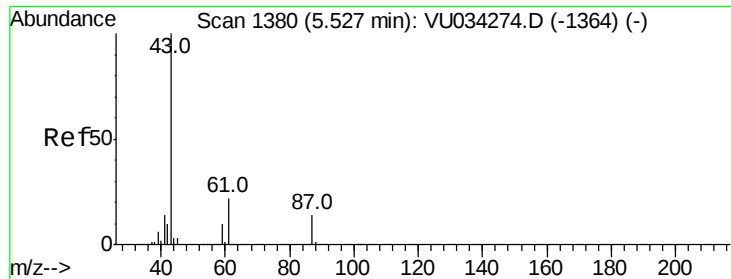
Ion Ratio Lower Upper

117 100

119 4.6 77.8 116.6#

121 0.0 25.2 37.8#





#43

Isopropyl Acetate

Concen: 7.943 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034335.D

Acq: 06 Sep 2019 16:57

Instrument :

MSVOA_U

ClientSampleId :

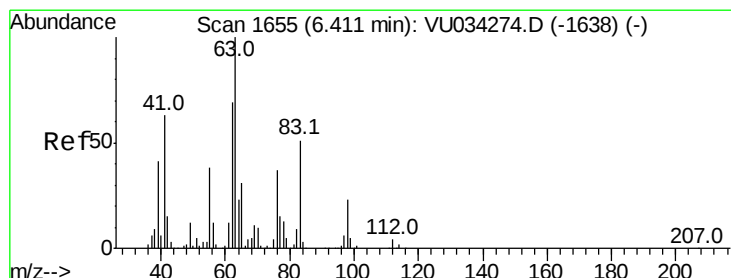
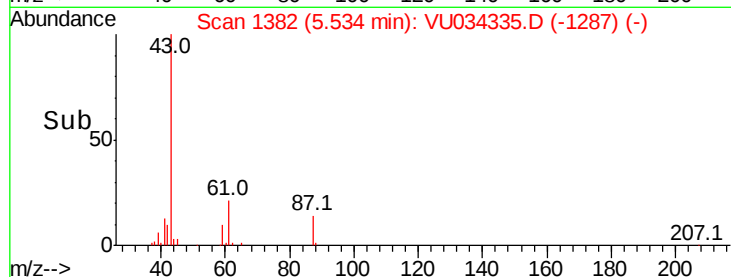
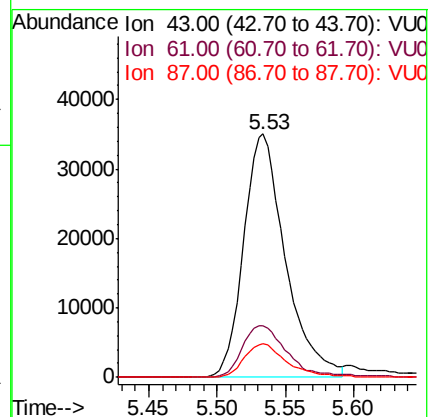
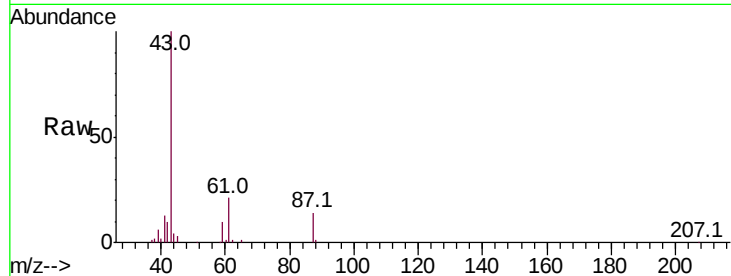
Tot Ion: 43 Resp: 74345

Ion Ratio Lower Upper

43 100

61 23.1 17.1 25.7

87 14.1 11.1 16.7



#45

1,2-Dichloropropane

Concen: 0.326 ug/l

RT: 6.68 min Scan# 1740

Delta R.T. 0.27 min

Lab File: VU034335.D

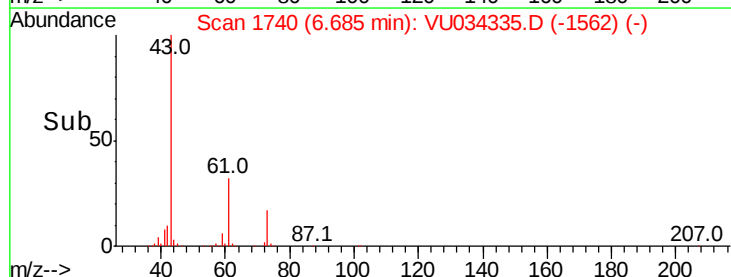
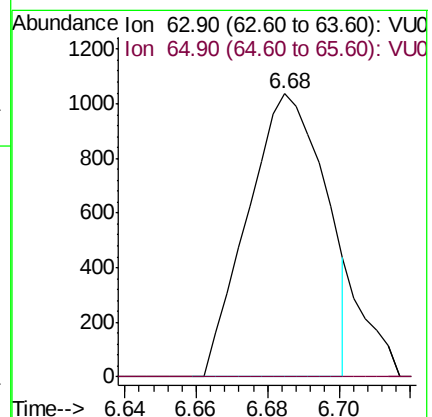
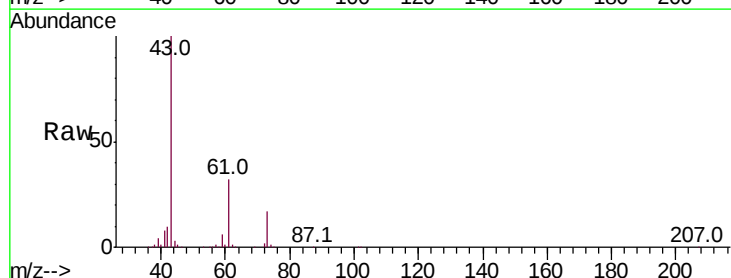
Acq: 06 Sep 2019 16:57

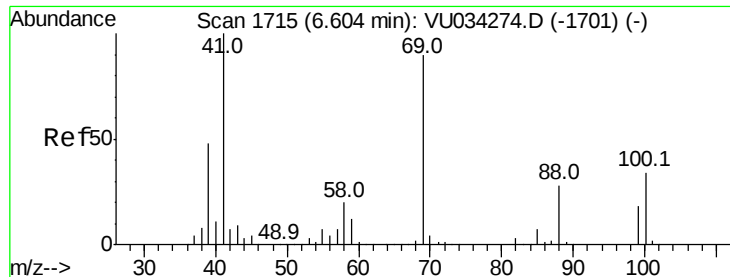
Tgt Ion: 63 Resp: 1560

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#





#48

Methyl methacrylate

Concen: 0.816 ug/l

RT: 6.53 min Scan# 1692

Delta R.T. -0.07 min

Lab File: VU034335.D

Acq: 06 Sep 2019 16:57

Instrument :
MSVOA_U
ClientSampleId :

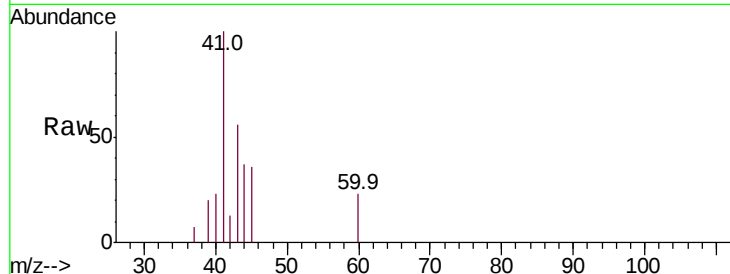
Tot Ion: 41 Resp: 3627

Ion Ratio Lower Upper

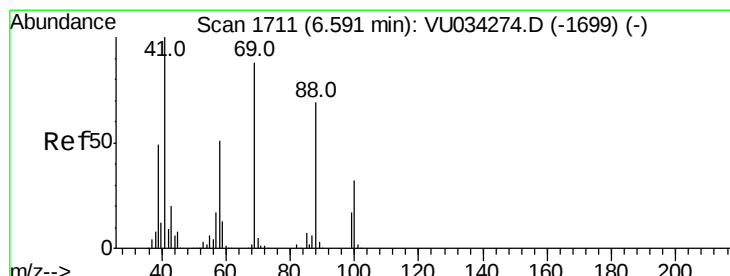
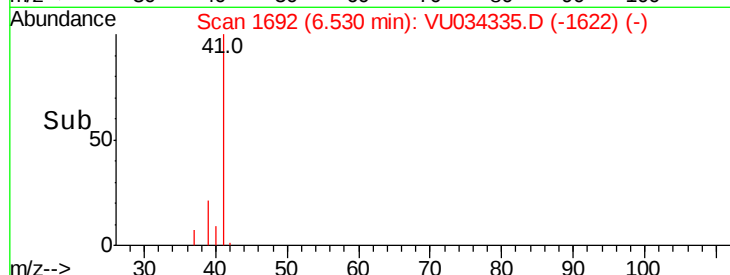
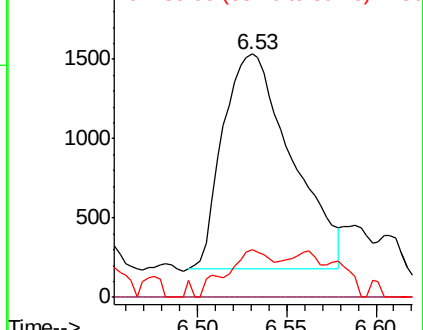
41 100

69 0.0 72.8 109.2#

39 0.0 38.6 58.0#



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



#49

1,4-Dioxane

Concen: 0.721 ug/l

RT: 6.68 min Scan# 1738

Delta R.T. 0.09 min

Lab File: VU034335.D

Acq: 06 Sep 2019 16:57

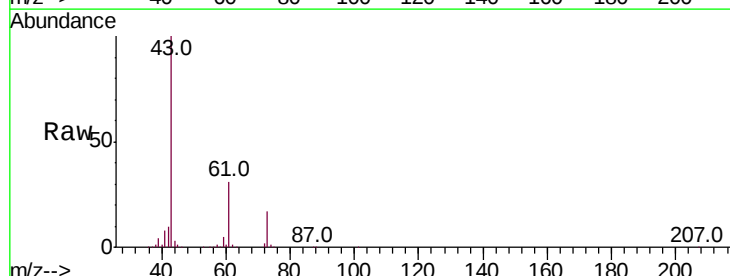
Tgt Ion: 88 Resp: 70

Ion Ratio Lower Upper

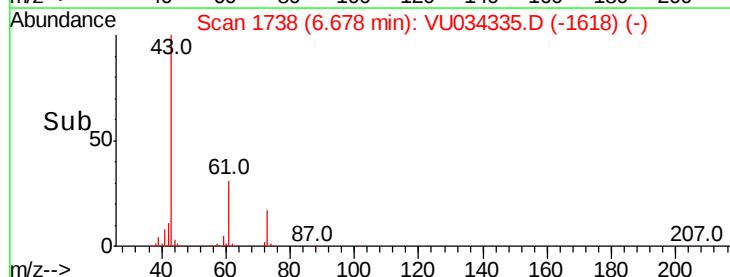
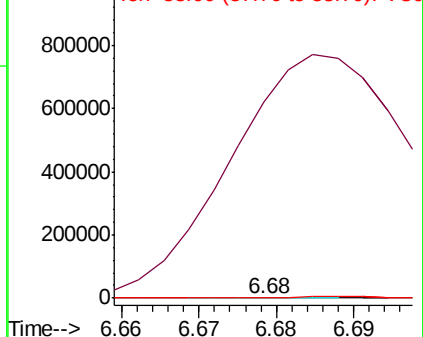
88 100

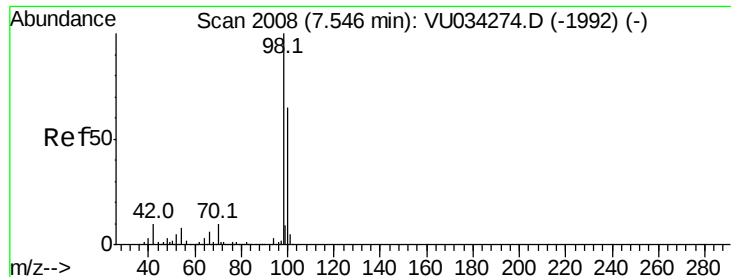
43 2012332.9 23.8 35.6#

58 9732.9 58.4 87.6#



Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

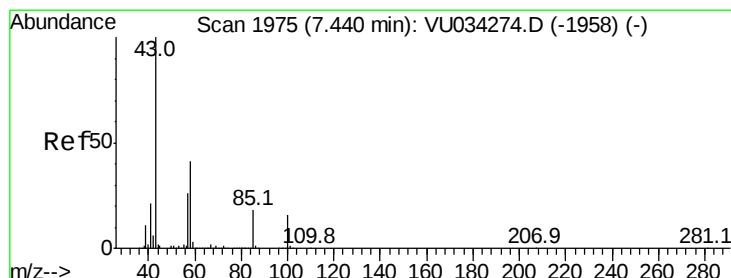
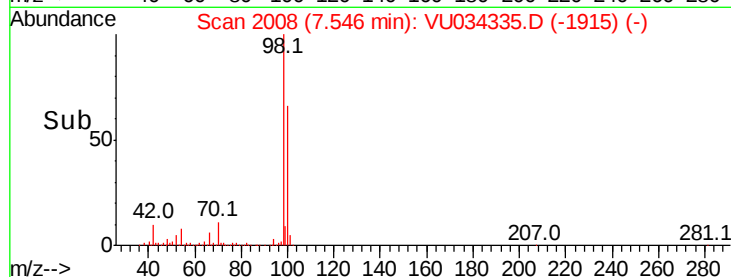
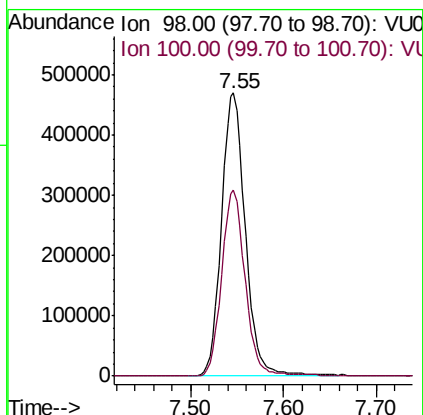
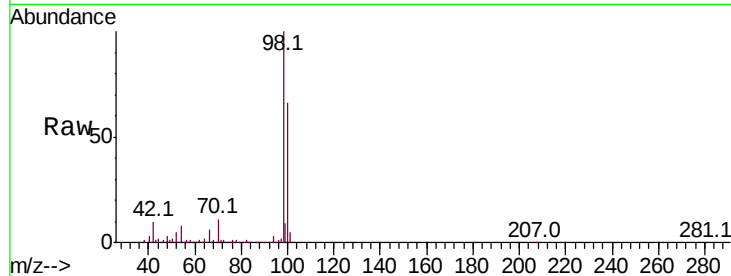




#50
Toluene-d8
Concen: 51.157 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

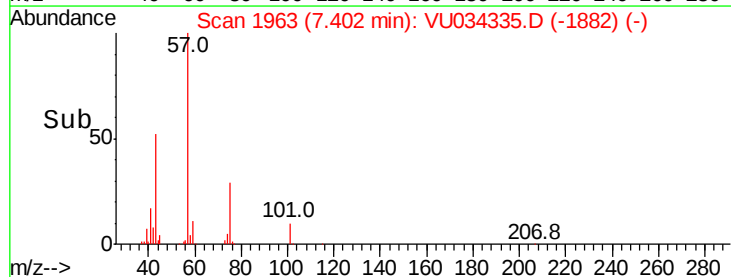
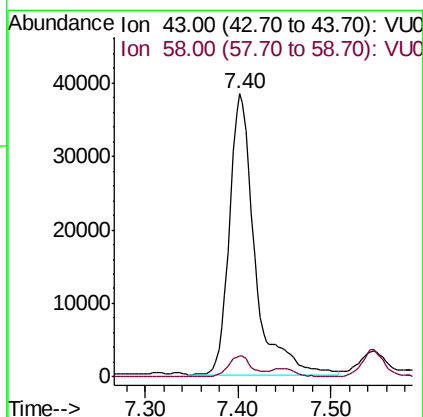
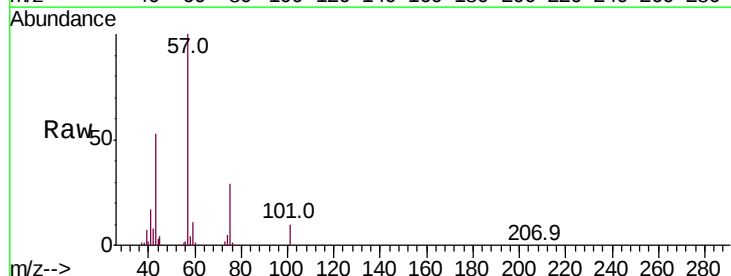
Instrument :
MSVOA_U
ClientSampleId :

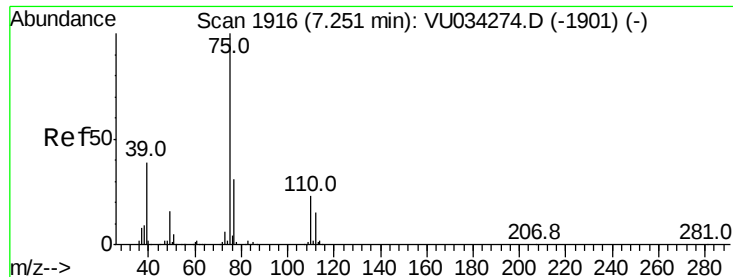
Tot Ion: 98 Resp: 836868
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 11.205 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

Tgt Ion: 43 Resp: 72597
Ion Ratio Lower Upper
43 100
58 6.7 33.0 49.4#



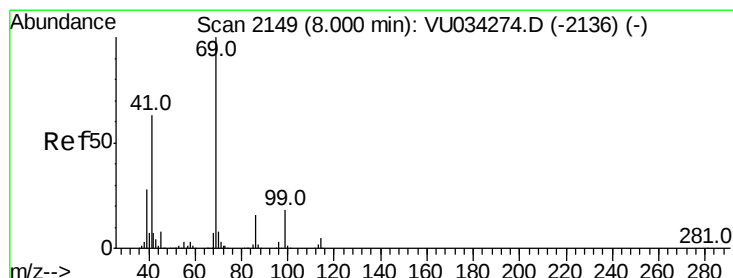
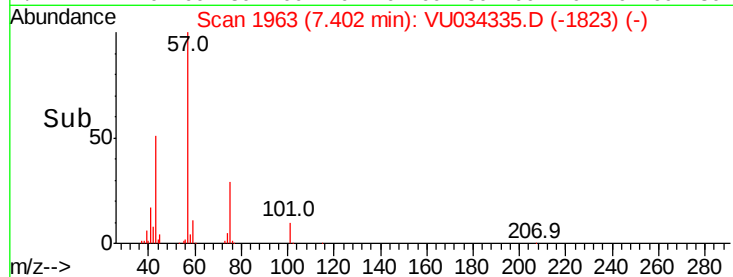
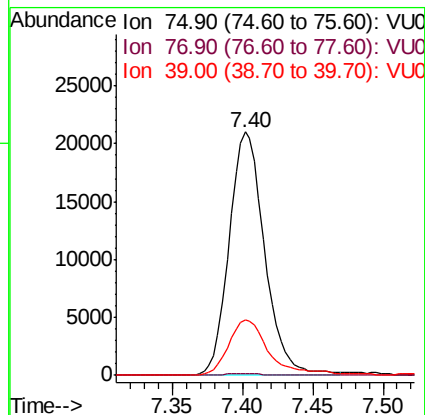
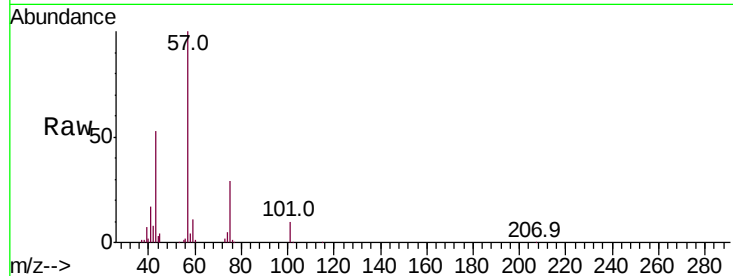


#54

cis-1,3-Dichloropropene
 Concen: 5.259 ug/l
 RT: 7.40 min Scan# 1963
 Delta R.T. 0.15 min
 Lab File: VU034335.D
 Acq: 06 Sep 2019 16:57

Instrument :
 MSVOA_U
 ClientSampleId :

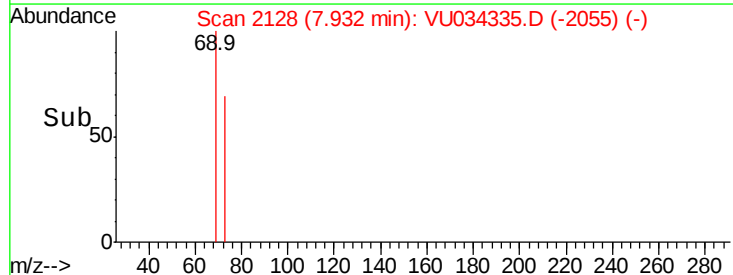
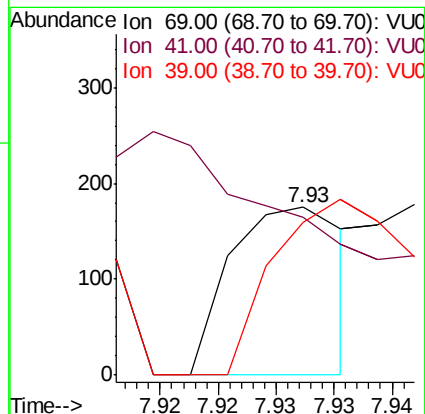
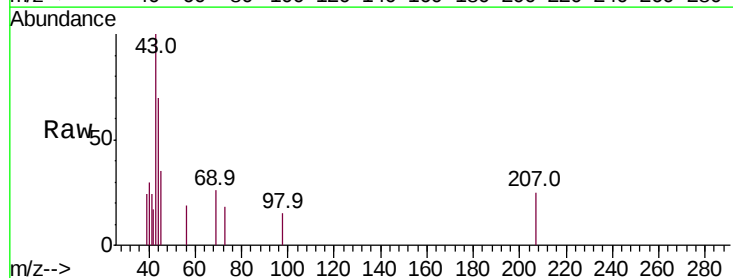
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.1	37.7#
39	23.0	31.2	46.8#

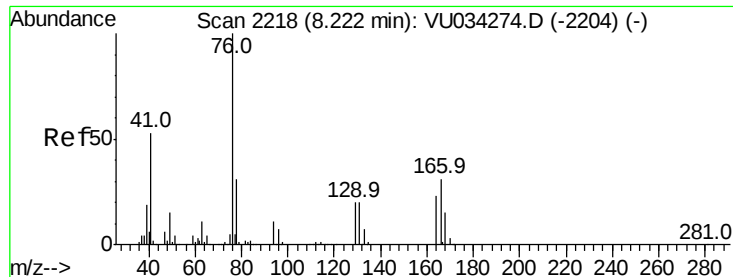


#56

Ethyl methacrylate
 Concen: 3.092 ug/l
 RT: 7.93 min Scan# 2128
 Delta R.T. -0.07 min
 Lab File: VU034335.D
 Acq: 06 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	0.0	49.5	74.3#
39	0.0	22.5	33.7#

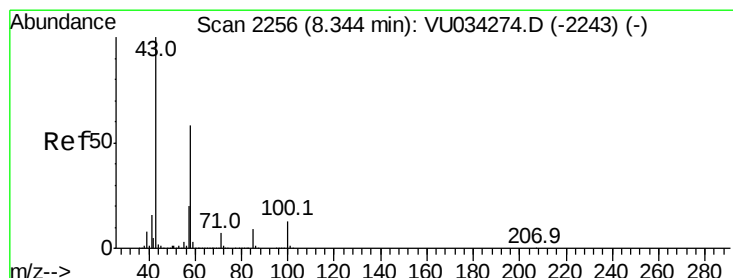
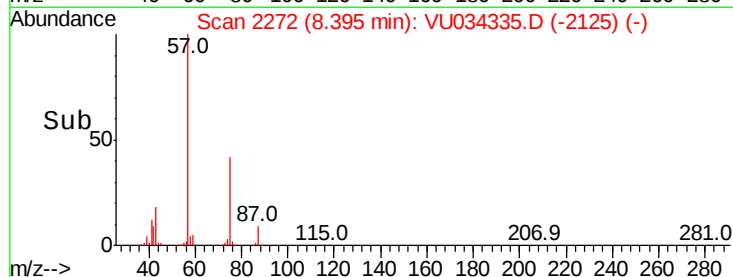
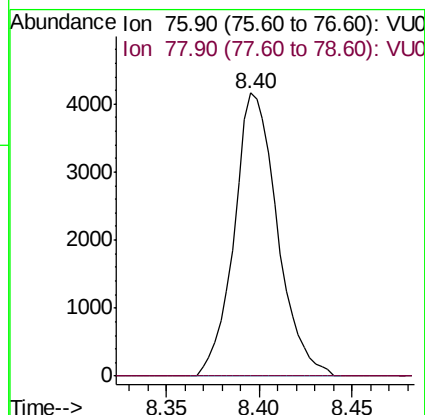
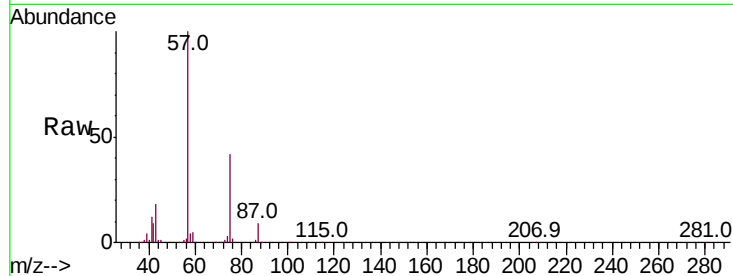




#57
 1,3-Dichloropropane
 Concen: 0.887 ug/l
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.17 min
 Lab File: VU034335.D
 Acq: 06 Sep 2019 16:57

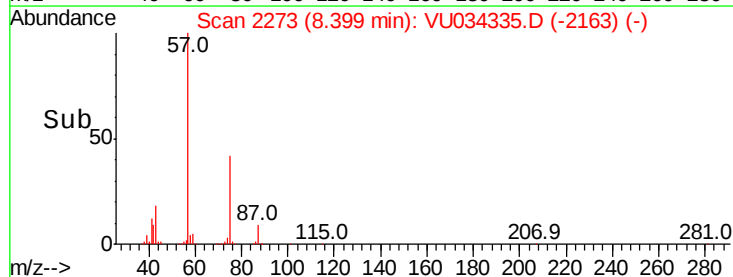
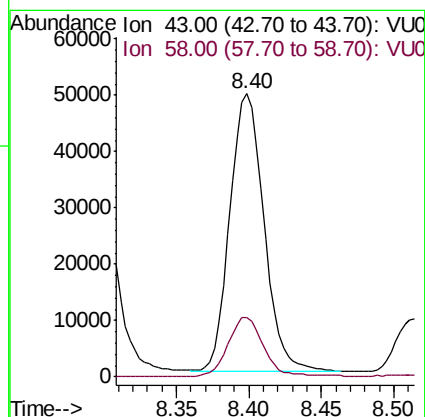
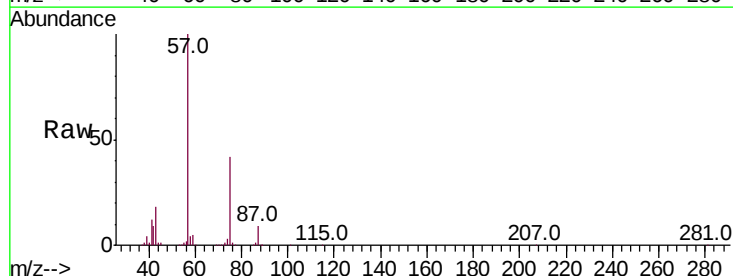
Instrument :
 MSVOA_U
 ClientSampleId :

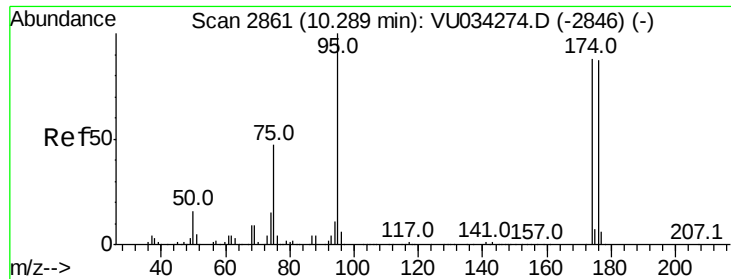
Tot Ion: 76 Resp: 6738
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.2#



#59
 2-Hexanone
 Concen: 16.719 ug/l
 RT: 8.40 min Scan# 2273
 Delta R.T. 0.05 min
 Lab File: VU034335.D
 Acq: 06 Sep 2019 16:57

Tgt Ion: 43 Resp: 80922
 Ion Ratio Lower Upper
 43 100
 58 22.3 28.8 86.5#

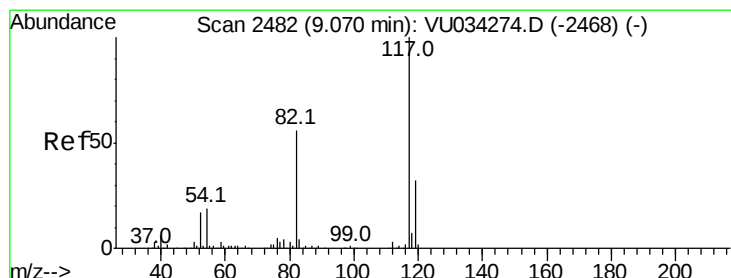
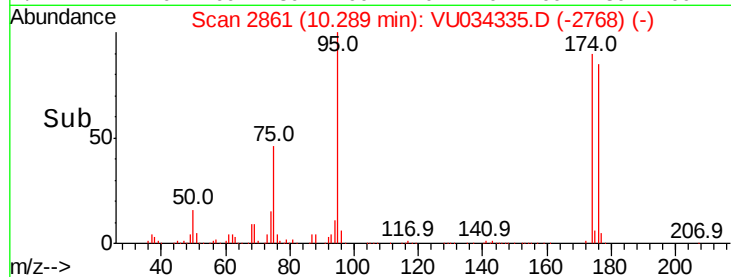
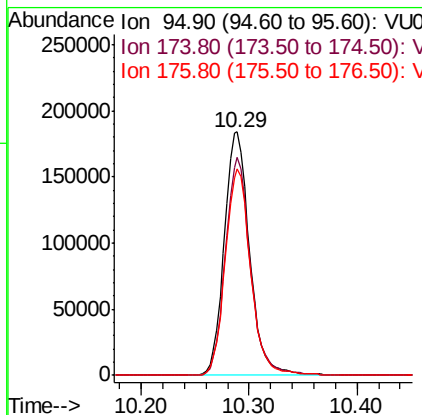
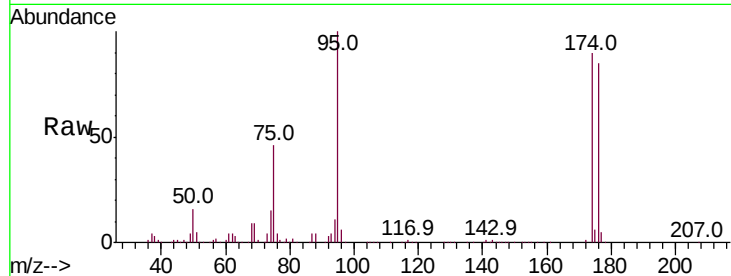




#62
4-Bromofluorobenzene
Concen: 47.772 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

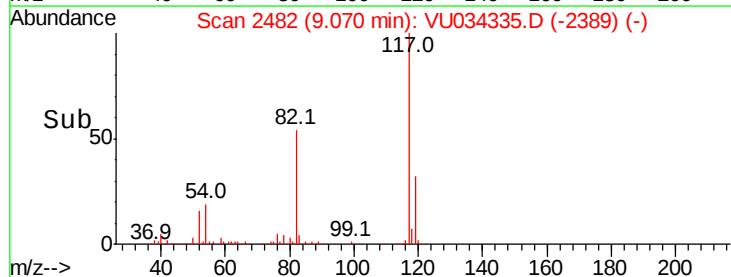
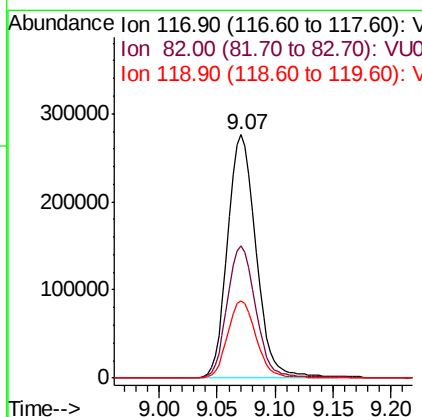
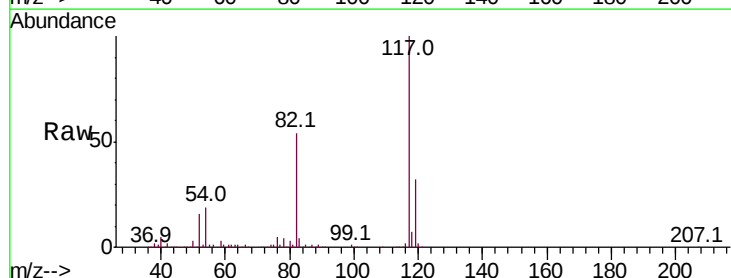
Instrument :
MSVOA_U
ClientSampleId :

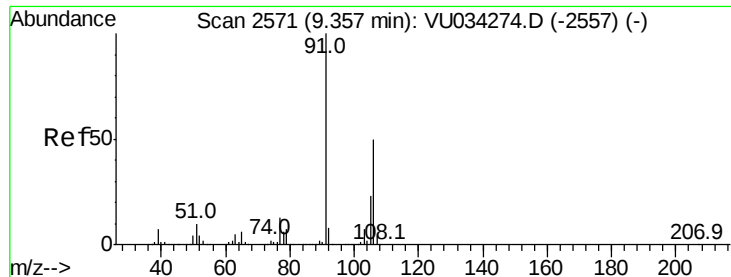
Tot Ion: 95 Resp: 301726
Ion Ratio Lower Upper
95 100
174 88.7 0.0 175.2
176 85.0 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

Tgt Ion: 117 Resp: 469716
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 32.0 25.9 38.9

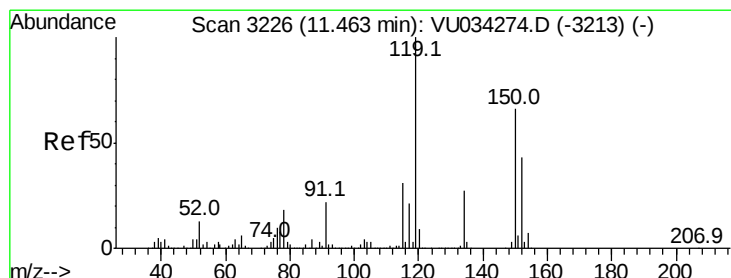
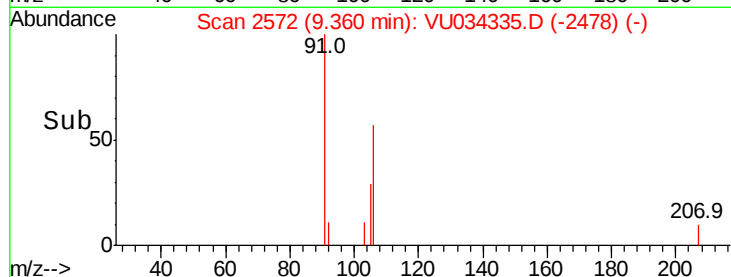
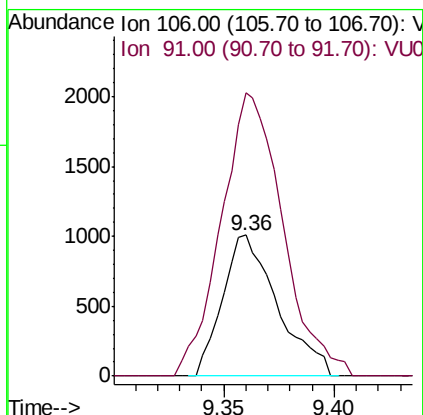
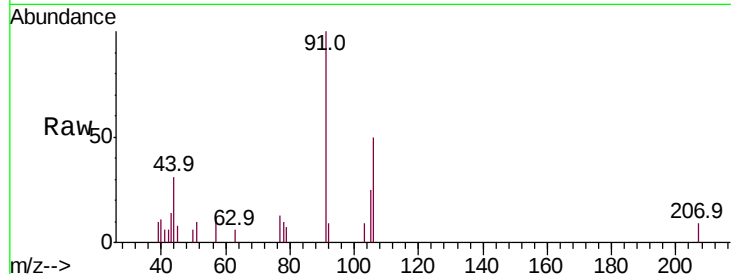




#68
m/p-Xvlenes
Concen: 0.239 ug/l
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

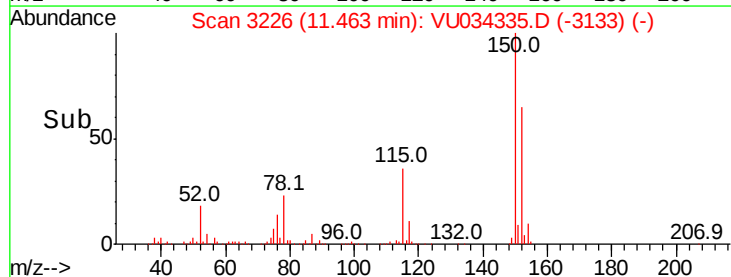
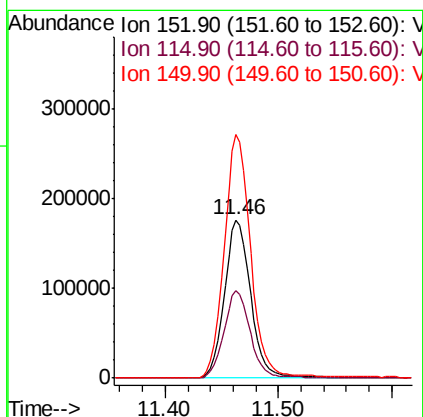
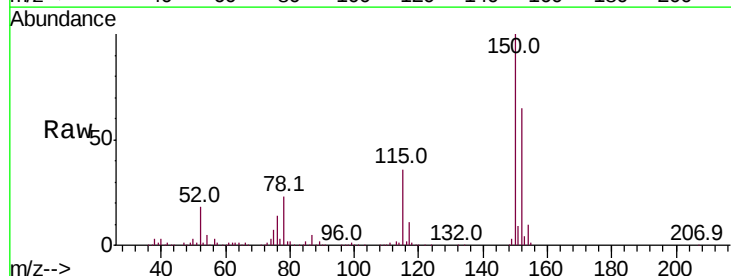
Instrument :
MSVOA_U
ClientSampled :

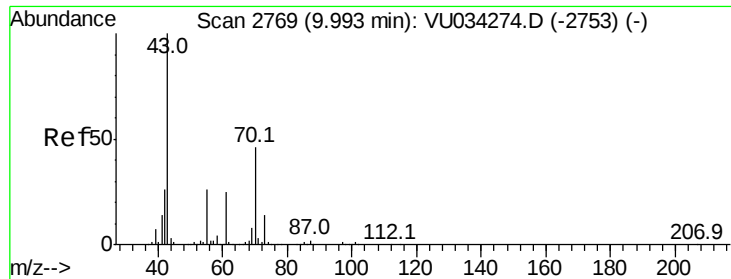
Tot Ion:106 Resp: 1750
Ion Ratio Lower Upper
106 100
91 225.0 160.1 240.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034335.D
Acq: 06 Sep 2019 16:57

Tgt Ion:152 Resp: 284905
Ion Ratio Lower Upper
152 100
115 55.1 39.1 117.3
150 155.0 0.0 345.4





#74

N-amvl acetate

Concen: 0.269 ug/l

RT: 9.92 min Scan# 2746

Delta R.T. -0.07 min

Lab File: VU034335.D

Acq: 06 Sep 2019 16:57

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 2004

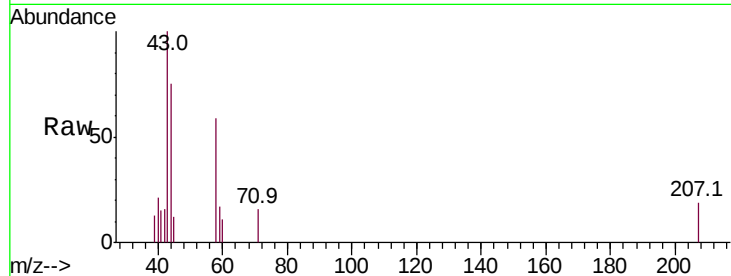
Ion Ratio Lower Upper

43 100

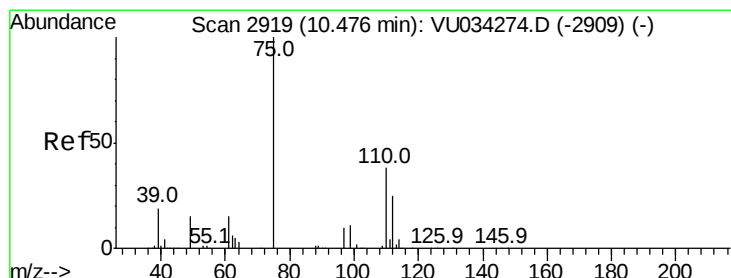
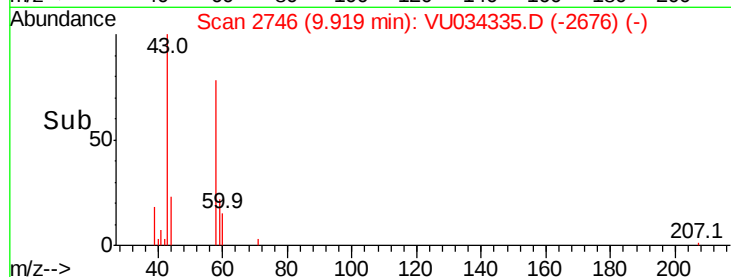
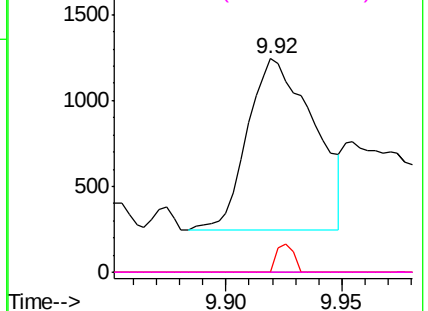
70 0.0 36.4 54.6#

55 4.0 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: 22.335 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034335.D

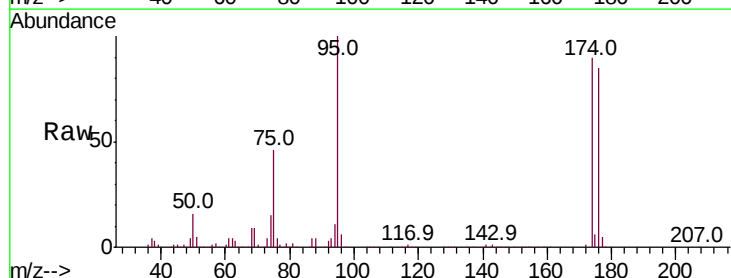
Acq: 06 Sep 2019 16:57

Tgt Ion: 75 Resp: 138902

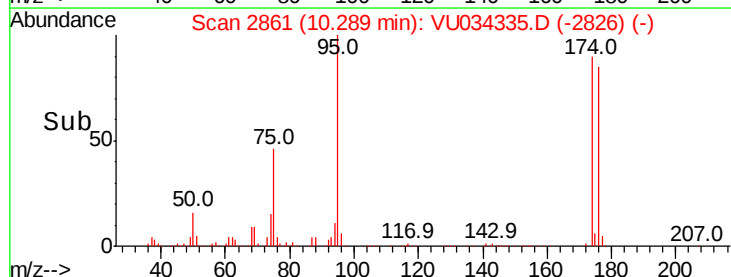
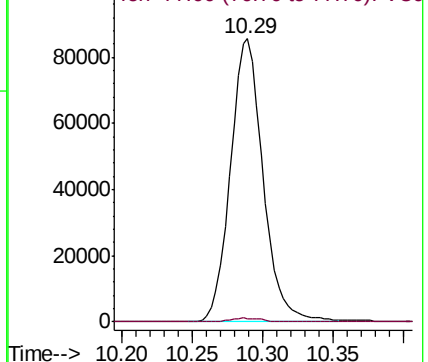
Ion Ratio Lower Upper

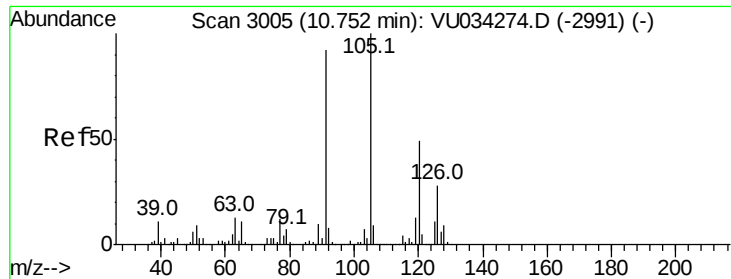
75 100

77 1.3 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: 0.324 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU034335.D

Acq: 06 Sep 2019 16:57

Instrument :

MSVOA_U

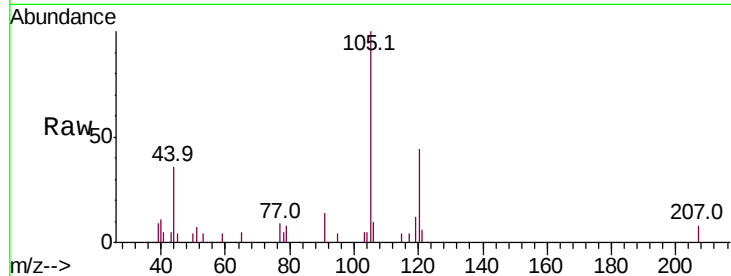
ClientSampleId :

Tot Ion:105 Resp: 5024

Ion Ratio Lower Upper

105 100

120 46.0 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.75

3000

2500

2000

1500

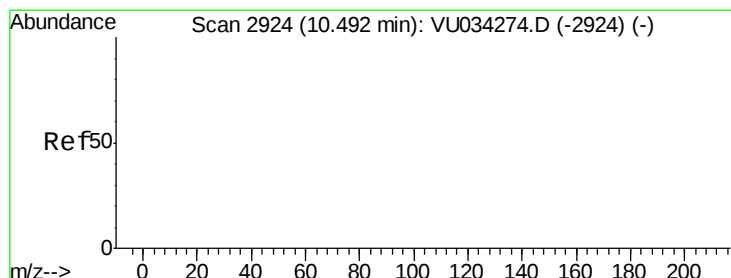
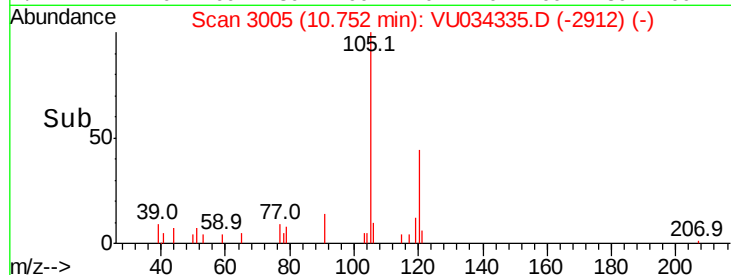
1000

500

0

10.70 10.75 10.80

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 75.112 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.20 min

Lab File: VU034335.D

Acq: 06 Sep 2019 16:57

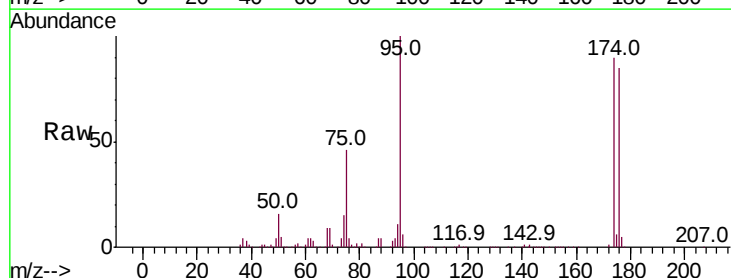
Tgt Ion: 75 Resp: 138902

Ion Ratio Lower Upper

75 100

53 0.1 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

10.29

100000

80000

60000

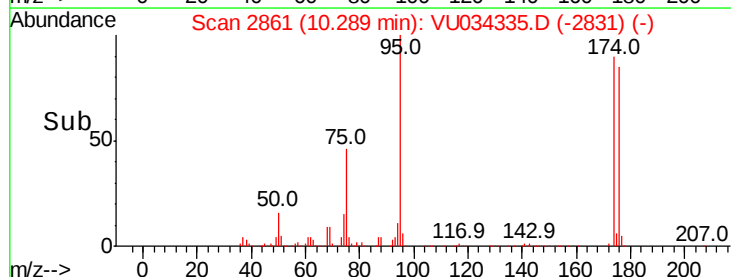
40000

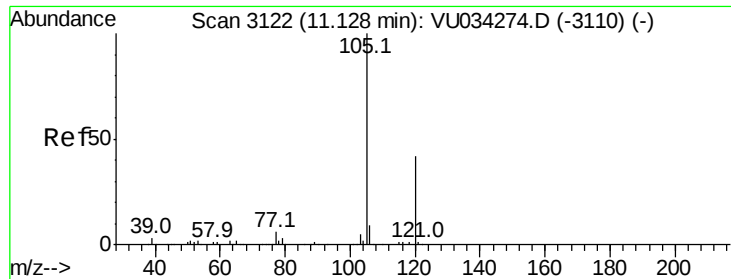
20000

0

10.20 10.25 10.30 10.35

Time-->

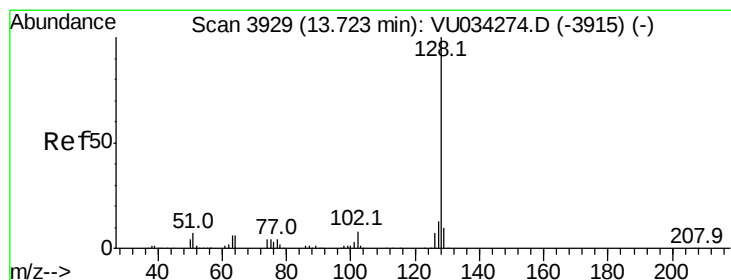
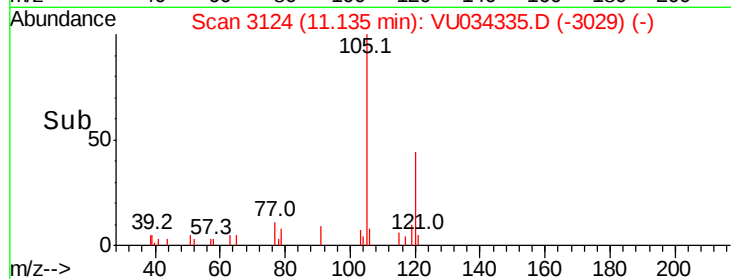
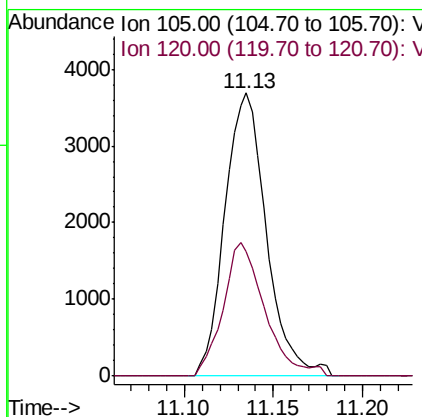
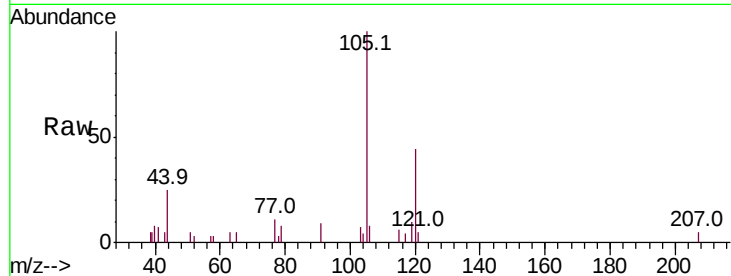




#84
 1,2,4-Trimethylbenzene
 Concen: 0.382 ug/l
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.01 min
 Lab File: VU034335.D
 Acq: 06 Sep 2019 16:57

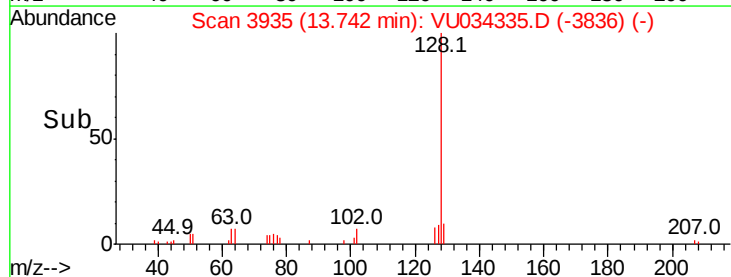
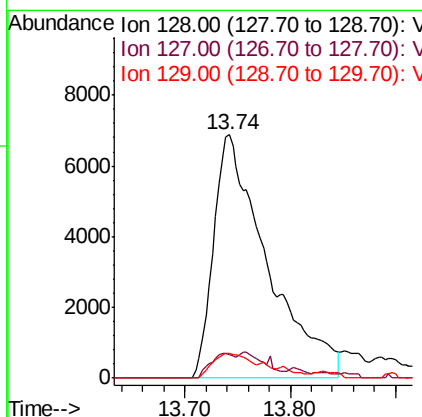
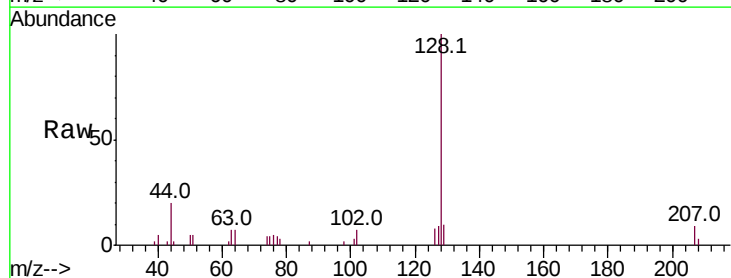
Instrument :
 MSVOA_U
 ClientSampleId :

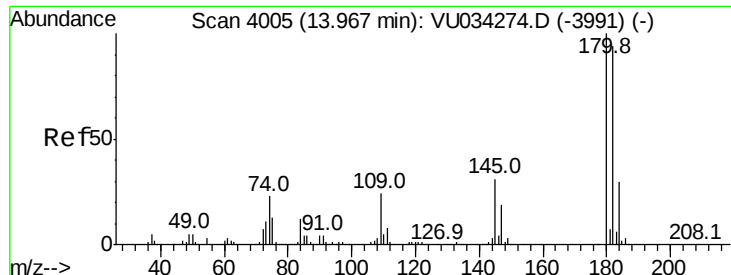
Tot Ion:105 Resp: 5957
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.9 68.8



#95
 Naphthalene
 Concen: 5.142 ug/l
 RT: 13.74 min Scan# 3935
 Delta R.T. 0.02 min
 Lab File: VU034335.D
 Acq: 06 Sep 2019 16:57

Tgt Ion:128 Resp: 24255
 Ion Ratio Lower Upper
 128 100
 127 4.7 10.6 15.8#
 129 6.9 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.644 ug/l
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.02 min
 Lab File: VU034335.D
 Acq: 06 Sep 2019 16:57

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 40
 Ion Ratio Lower Upper
 180 100
 182 112.5 48.4 145.0
 145 0.0 15.4 46.4#

