

Data File : VU034420.D
Acq On : 09 Sep 2019 10:07
Operator : JC/SP
Sample : PB122905TB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PB122905TB

Quant Time: Sep 10 05:34:45 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	244156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	363509	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	404548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	212474	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	193990	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
35) Dibromofluoromethane	4.86	113	172412	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	7.55	98	620423	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	10.29	95	209181	42.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.26%	

Target Compounds			Qvalue			
5) Bromomethane	1.60	94	62	Below Cal	#	2
6) Chloroethane	1.68	64	518	Below Cal	#	43
10) Methyl Iodide	2.41	142	126	3.891	ug/l #	43
11) Tert butyl alcohol	2.83	59	4613	5.911	ug/l #	73
13) Acrolein	2.19	56	211	0.322	ug/l #	8
16) Acetone	2.31	43	9795	5.124	ug/l	94
18) Methyl Acetate	2.61	43	3539	0.761	ug/l	98
20) Methylene Chloride	2.69	84	6192	1.591	ug/l	97
29) Tetrahydrofuran	4.66	42	507	0.327	ug/l #	32
31) Cyclohexane	4.96	56	3725	0.861	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	16878	4.281	ug/l #	48
38) Carbon Tetrachloride	4.96	117	21743	5.165	ug/l #	16
43) Isopropyl Acetate	5.53	43	67055	9.222	ug/l	99
45) 1,2-Dichloropropane	6.68	63	1742	0.468	ug/l #	44
48) Methyl methacrylate	6.68	41	124570	36.070	ug/l #	37
49) 1,4-Dioxane	6.68	88	165	2.188	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	56994	11.324	ug/l #	46
54) cis-1,3-Dichloropropene	7.40	75	31424	5.748	ug/l #	67
56) Ethyl methacrylate	8.05	69	222	3.114	ug/l #	28
57) 1,3-Dichloropropane	8.40	76	6183	1.048	ug/l #	43
59) 2-Hexanone	8.40	43	76353	20.307	ug/l #	55
74) N-amyl acetate	9.92	43	1770	0.318	ug/l #	44
76) 1,2,3-Trichloropropane	10.29	75	95138	20.513	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.75	105	2548	0.220	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.29	75	95138	68.984	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.54	180	20	3.455	ug/l #	1
95) Naphthalene	13.76	128	415	3.993	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.99	180	160	2.670	ug/l #	78

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

Data File : VU034420.D

Acq On : 09 Sep 2019 10:07

Operator : JC/SP

Sample : PB122905TB

Misc : 5.0mL/MSVOA U/WATER

```
ALS Vial      : 5      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
PB122905TB

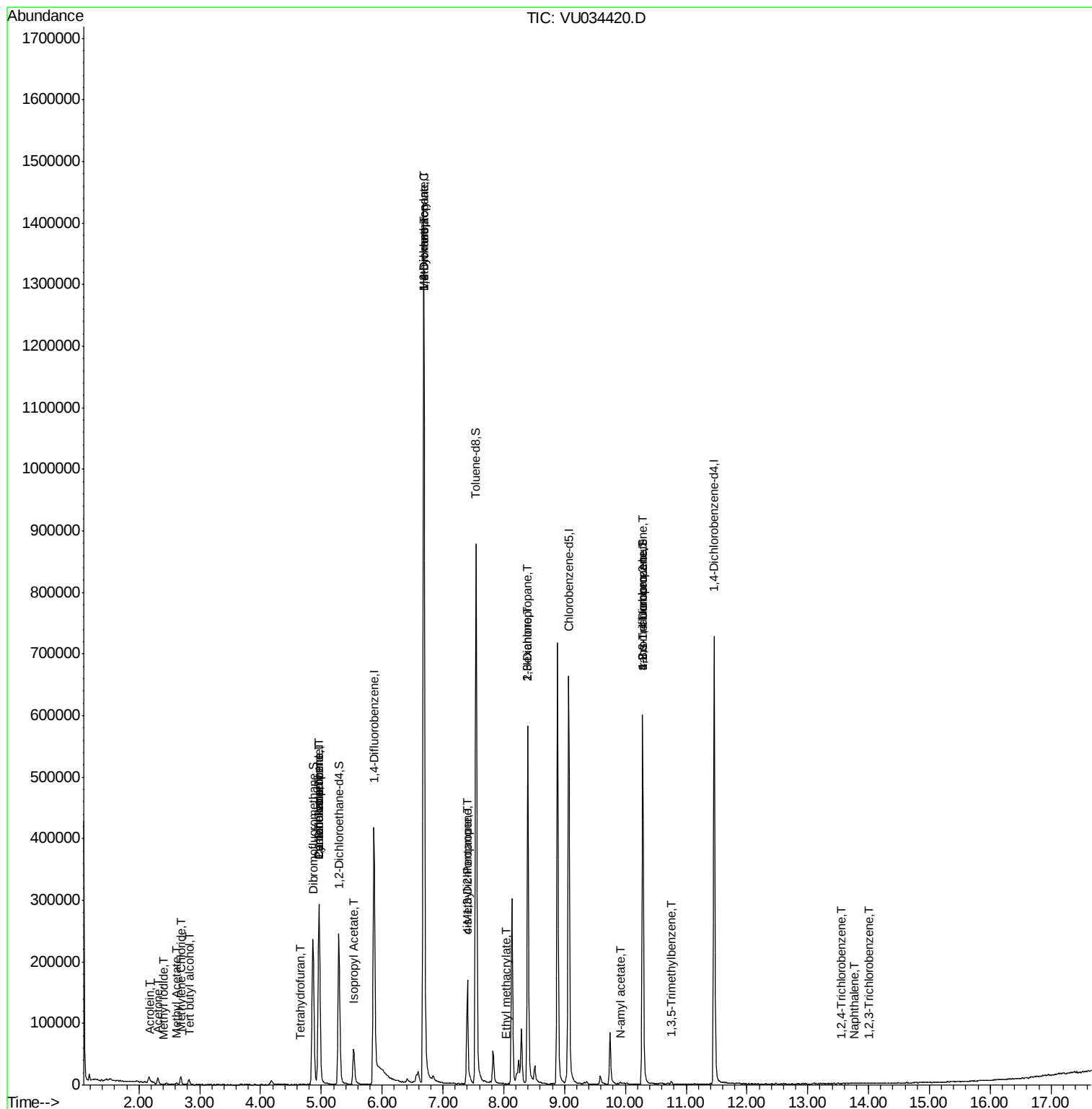
Quant Time: Sep 10 05:34:45 2019

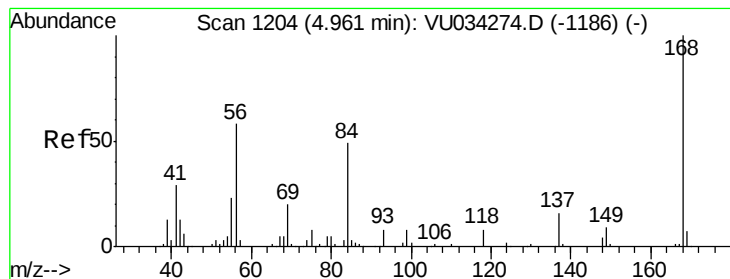
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\82U090619W.M

Quant Title : SW846 8260

QLast Update : Fri Sep 06 05:10:13 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

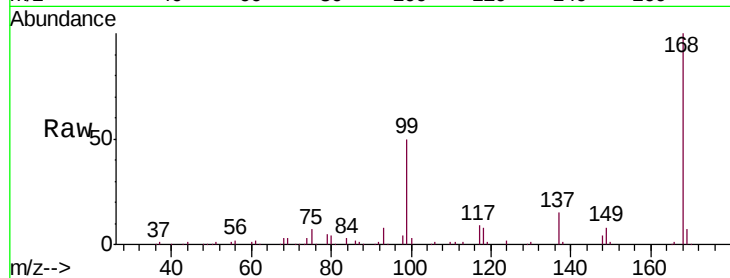
PB122905TB

Tgt Ion:168 Resp: 244156

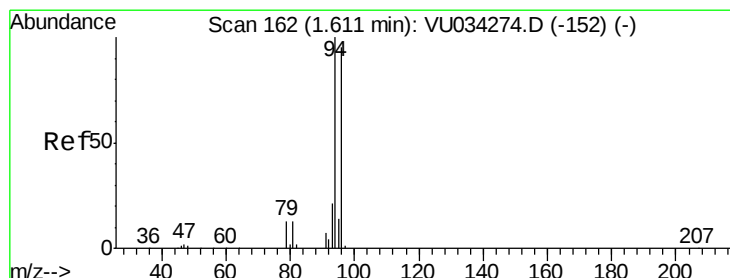
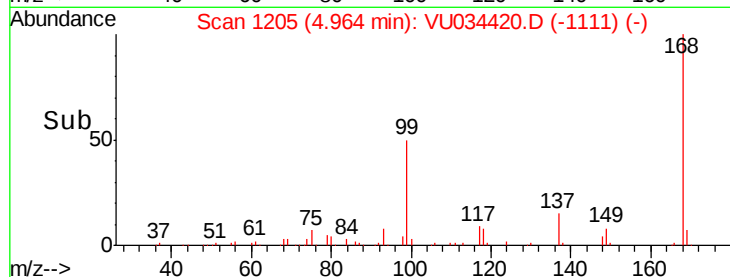
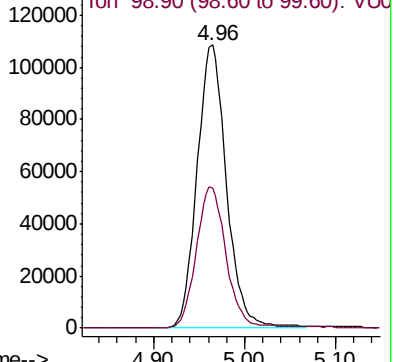
Ion Ratio Lower Upper

168 100

99 49.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034420.D (-1111) (-)



#5

Bromomethane

Concen: Below Cal

RT: 1.60 min Scan# 158

Delta R.T. -0.01 min

Lab File: VU034420.D

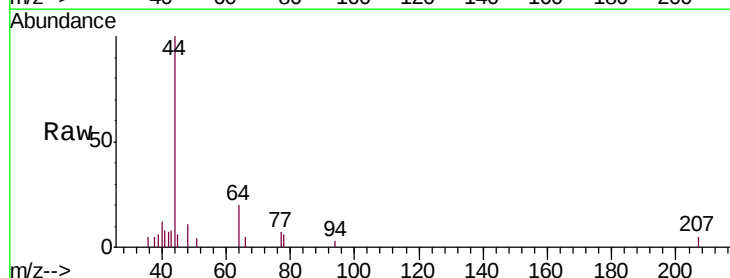
Acq: 09 Sep 2019 10:07

Tgt Ion: 94 Resp: 62

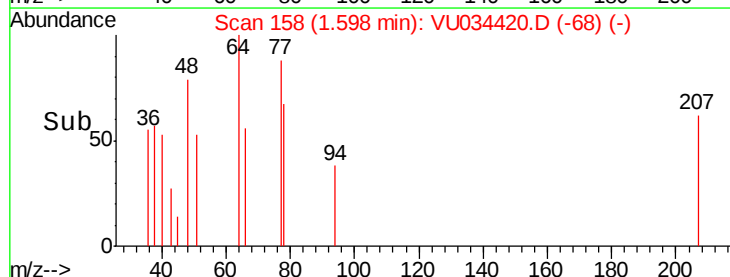
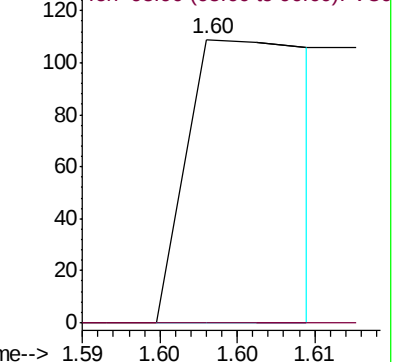
Ion Ratio Lower Upper

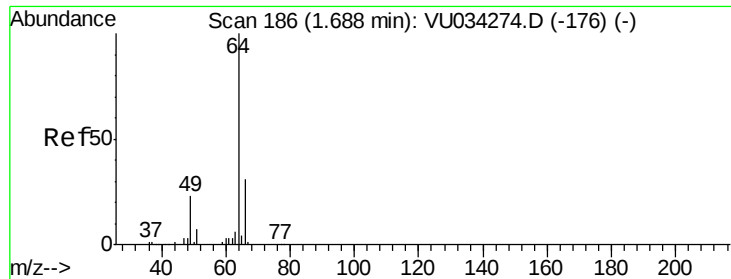
94 100

96 0.0 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VU034420.D (-68) (-)





#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 183

Delta R.T. -0.01 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

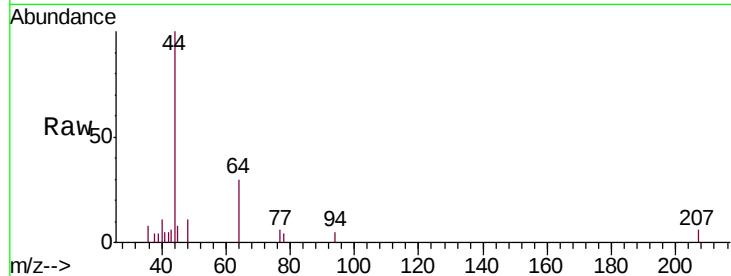
PB122905TB

Tgt Ion: 64 Resp: 518

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VU034420.D (-176) (-)

Ion 65.90 (65.60 to 66.60): VU034420.D (-176) (-)

1.68

1000

800

600

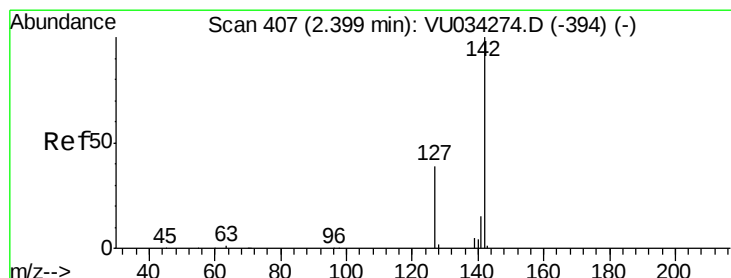
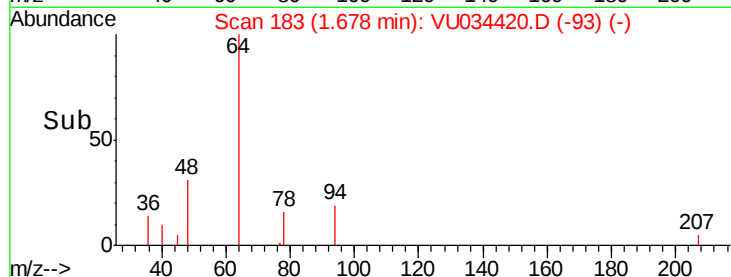
400

200

0

1.66 1.68 1.70

Time-->



#10

Methyl Iodide

Concen: 3.891 ug/l

RT: 2.41 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

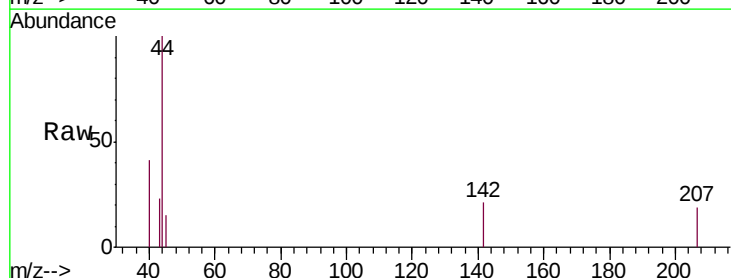
Tgt Ion: 142 Resp: 126

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): VU034420.D (-394) (-)

Ion 126.80 (126.50 to 127.50): VU034420.D (-394) (-)

Ion 140.80 (140.50 to 141.50): VU034420.D (-394) (-)

2.41

200

150

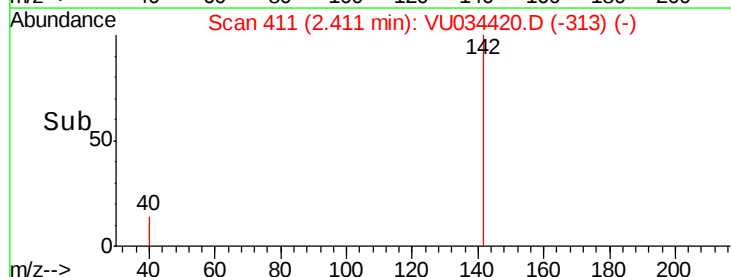
100

50

0

2.39 2.40 2.41 2.42 2.43

Time-->





#11

Tert butyl alcohol

Concen: 5.911 ug/l

RT: 2.83 min Scan# 540

Delta R.T. 0.01 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

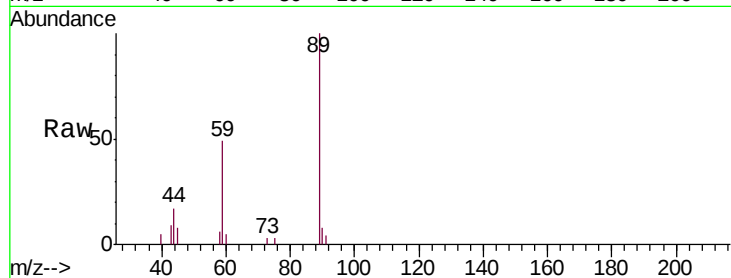
PB122905TB

Tgt Ion: 59 Resp: 4613

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU034420.D (-519) (-)

Ion 57.00 (56.70 to 57.70): VU034420.D (-519) (-)

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

2.83

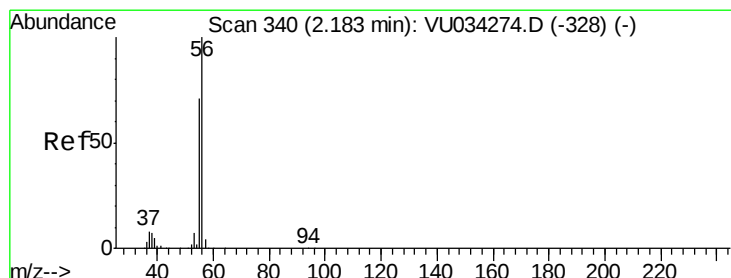
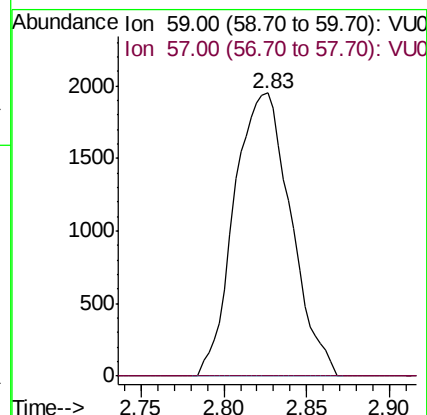
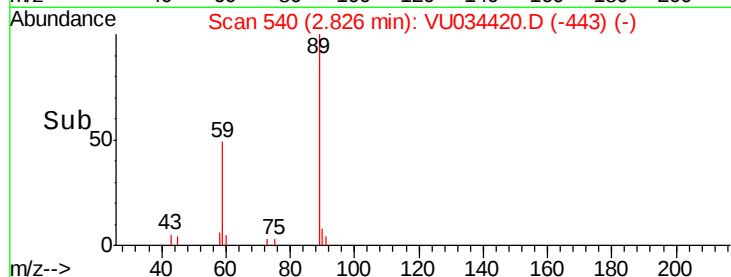
2.83

2.83

2.83

2.83

2.83



#13

Acrolein

Concen: 0.322 ug/l

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VU034420.D

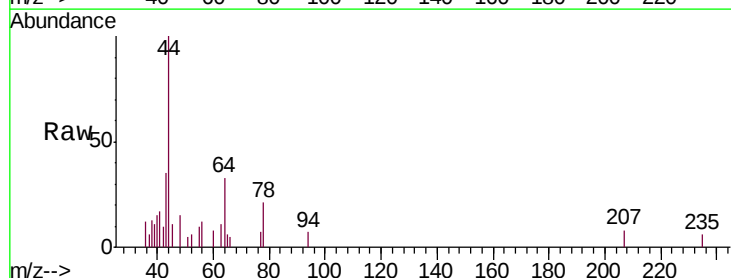
Acq: 09 Sep 2019 10:07

Tgt Ion: 56 Resp: 211

Ion Ratio Lower Upper

56 100

55 148.3 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VU034420.D (-247) (-)

Ion 55.00 (54.70 to 55.70): VU034420.D (-247) (-)

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

2.19

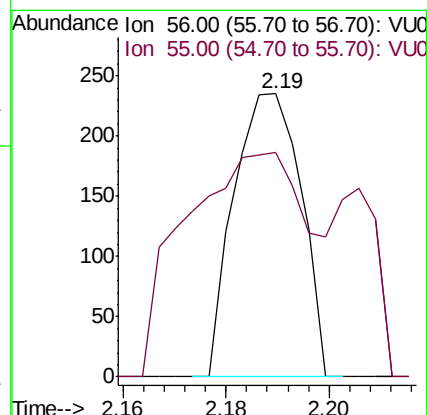
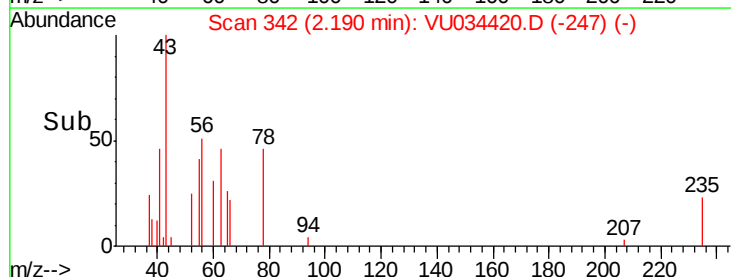
2.19

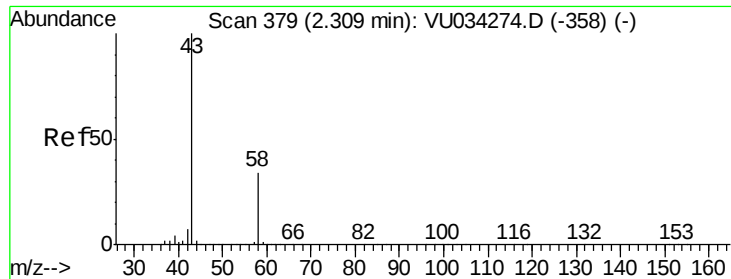
2.19

2.19

2.19

2.19





#16

Acetone

Concen: 5.124 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

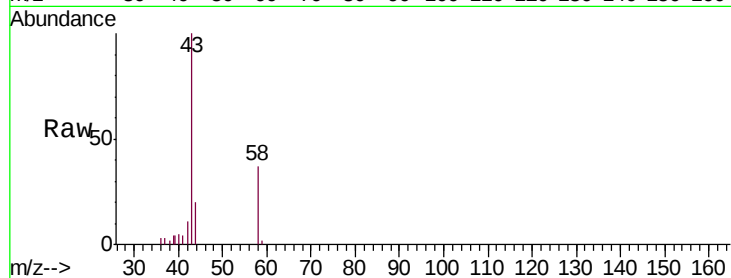
PB122905TB

Tgt Ion: 43 Resp: 9795

Ion Ratio Lower Upper

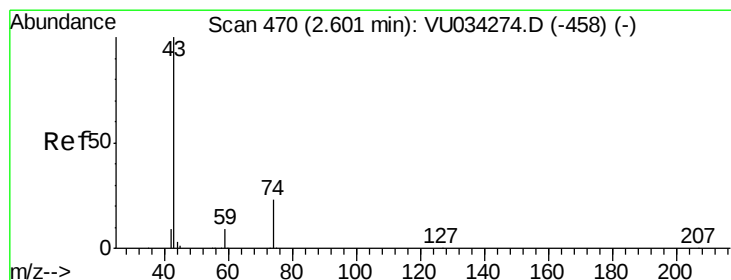
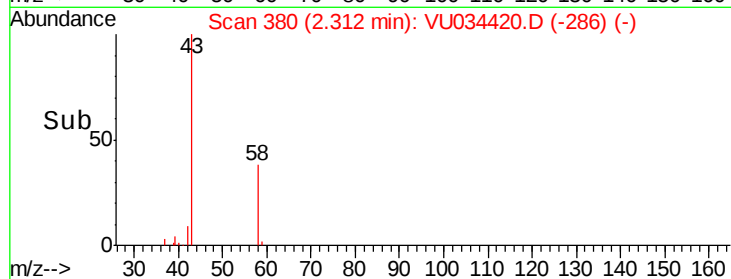
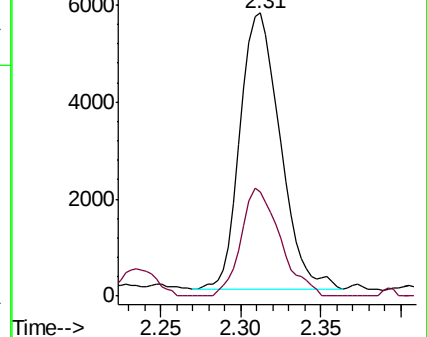
43 100

58 37.8 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034420.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034420.D (-358) (-)



#18

Methyl Acetate

Concen: 0.761 ug/l

RT: 2.61 min Scan# 474

Delta R.T. 0.01 min

Lab File: VU034420.D

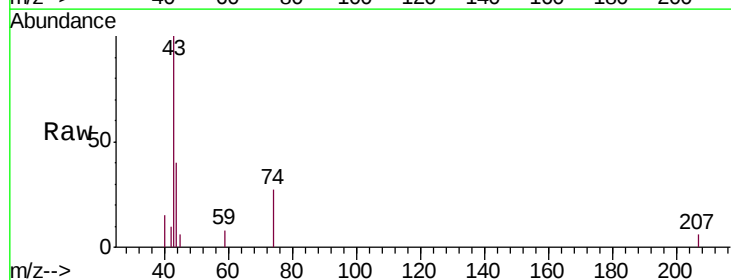
Acq: 09 Sep 2019 10:07

Tgt Ion: 43 Resp: 3539

Ion Ratio Lower Upper

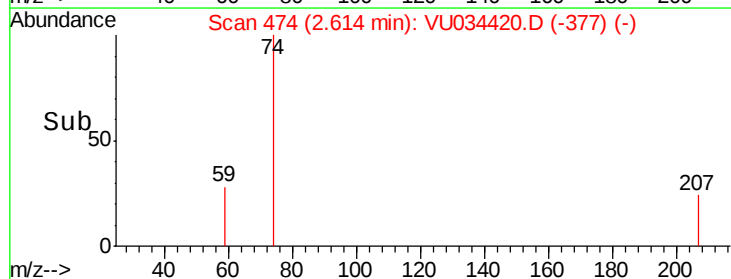
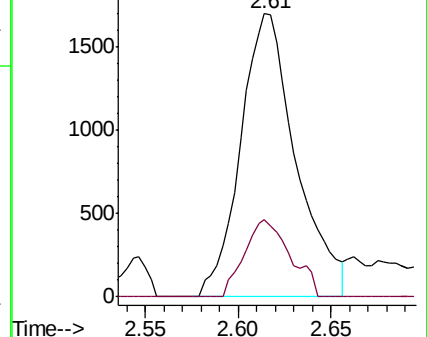
43 100

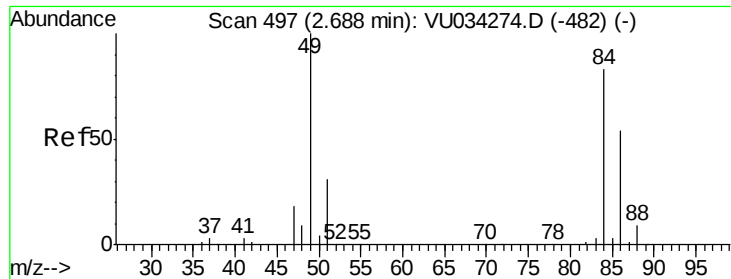
74 22.4 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VU034420.D (-377) (-)

Ion 74.00 (73.70 to 74.70): VU034420.D (-377) (-)

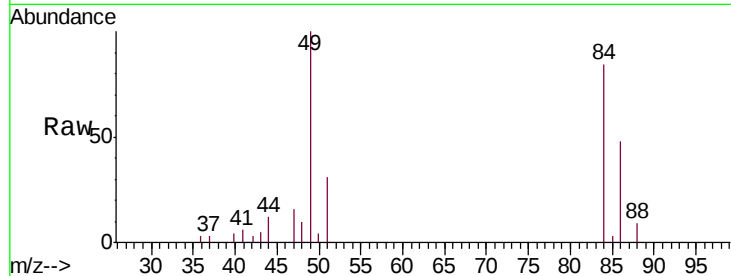




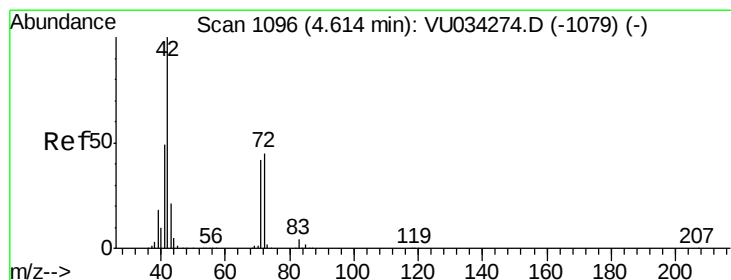
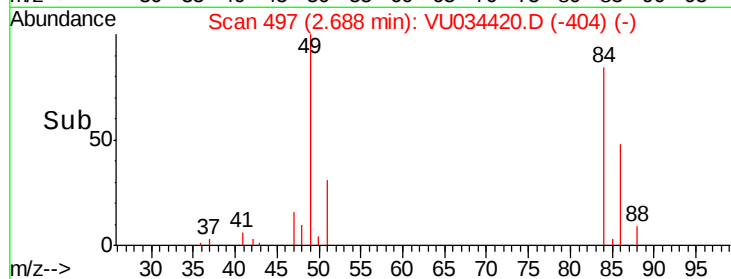
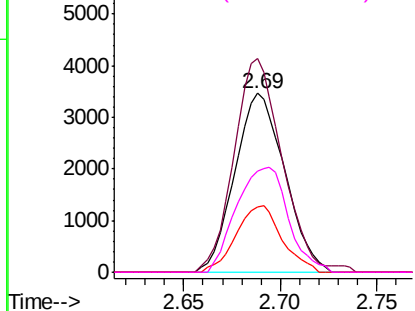
#20
Methylene Chloride
Concen: 1.591 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034420.D
Acq: 09 Sep 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
PB122905TB

Tgt Ion:	84	Resp:	6192
Ion	Ratio	Lower	Upper
84	100		
49	119.6	96.0	144.0
51	36.8	30.0	45.0
86	56.9	51.4	77.0

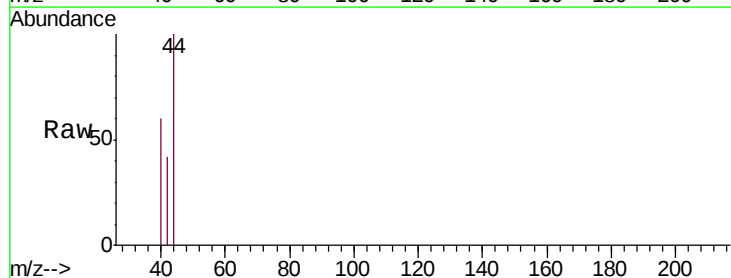


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

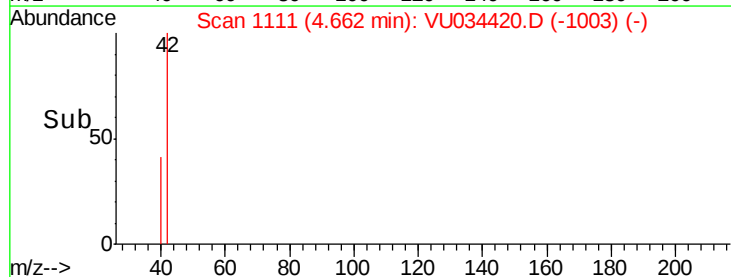
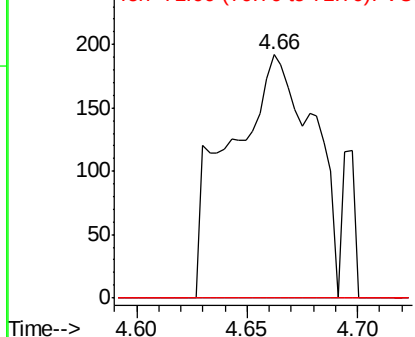


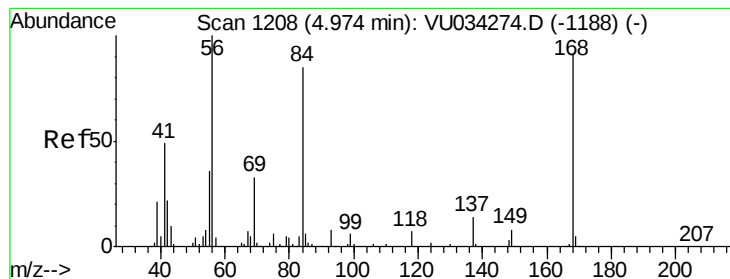
#29
Tetrahydrofuran
Concen: 0.327 ug/l
RT: 4.66 min Scan# 1111
Delta R.T. 0.05 min
Lab File: VU034420.D
Acq: 09 Sep 2019 10:07

Tgt Ion:	42	Resp:	507
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	34.3	51.5#



Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0





#31

Cyclohexane

Concen: 0.861 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.01 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

PB122905TB

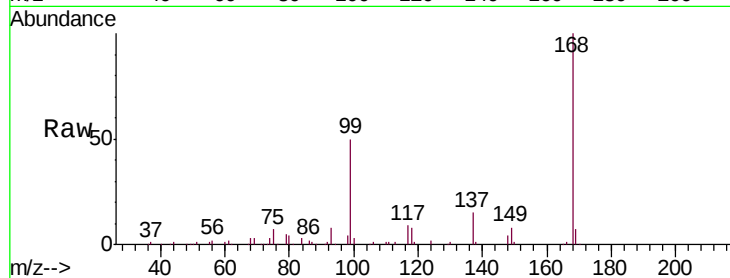
Tgt Ion: 56 Resp: 3725

Ion Ratio Lower Upper

56 100

69 198.0 26.7 40.1#

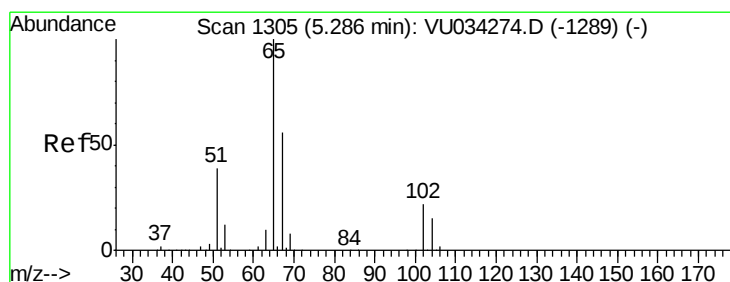
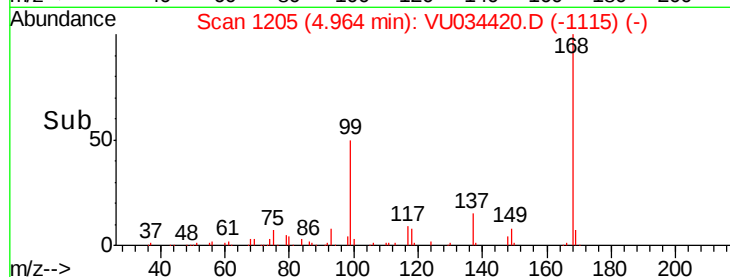
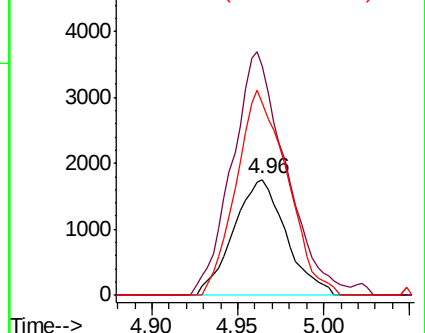
84 166.6 68.2 102.4#



Abundance Ion 56.00 (55.70 to 56.70): VU034420.D (-1188) (-)

Ion 69.00 (68.70 to 69.70): VU034420.D (-1188) (-)

Ion 84.00 (83.70 to 84.70): VU034420.D (-1188) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.513 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034420.D

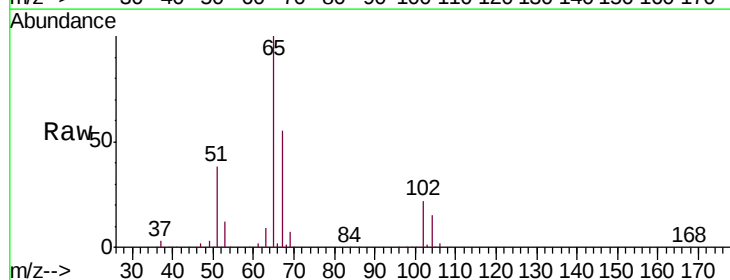
Acq: 09 Sep 2019 10:07

Tgt Ion: 65 Resp: 193990

Ion Ratio Lower Upper

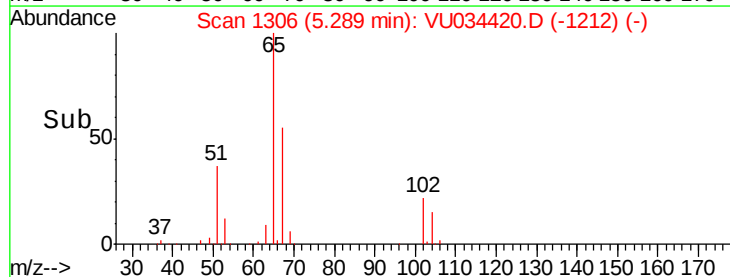
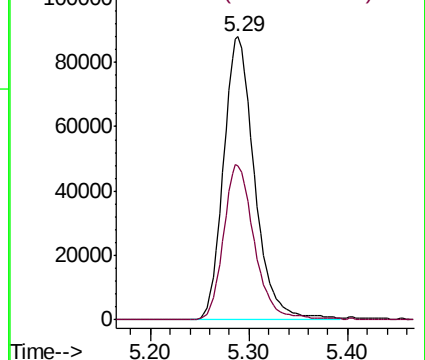
65 100

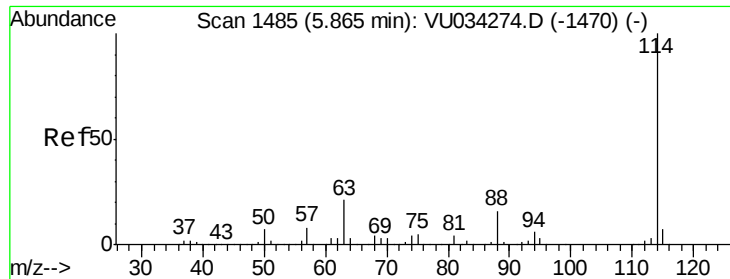
67 54.0 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034420.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034420.D (-1212) (-)

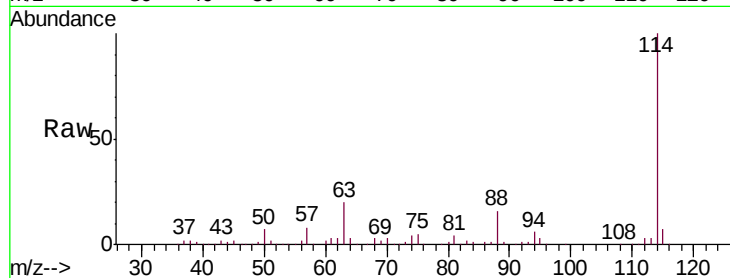




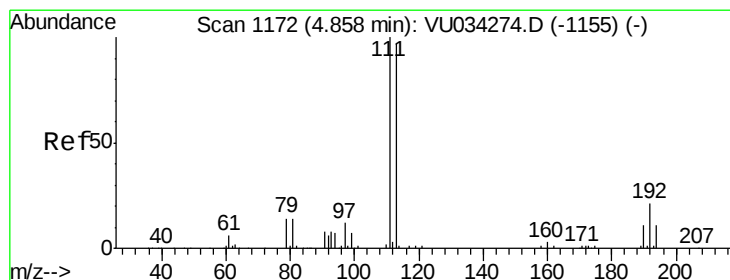
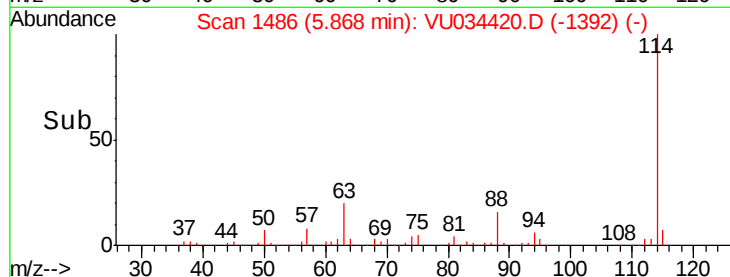
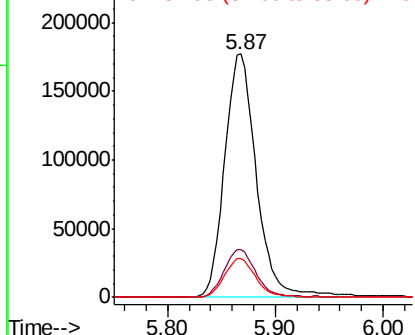
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034420.D
 Acq: 09 Sep 2019 10:07

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122905TB

Tgt Ion:114 Resp: 363509
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 16.1 0.0 32.4

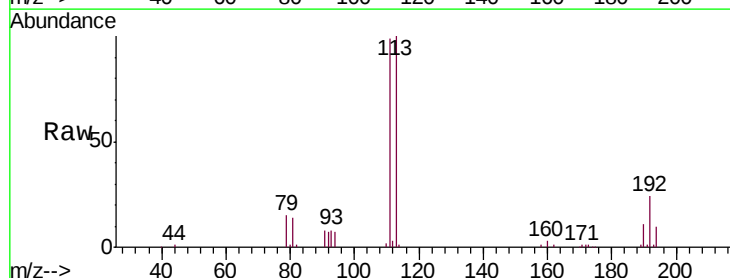


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

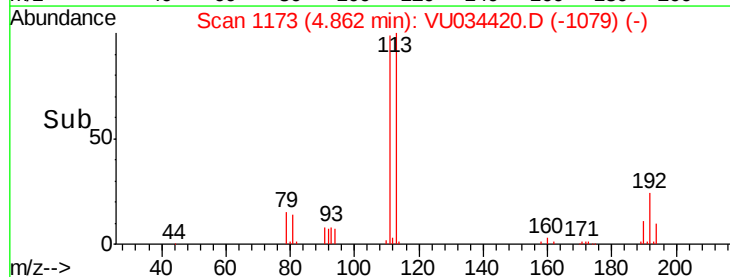
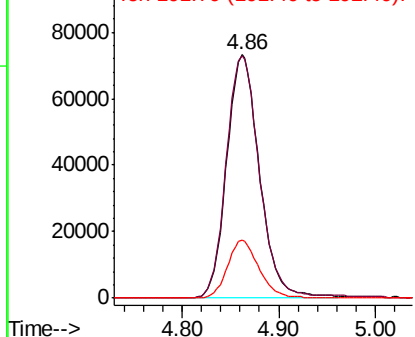


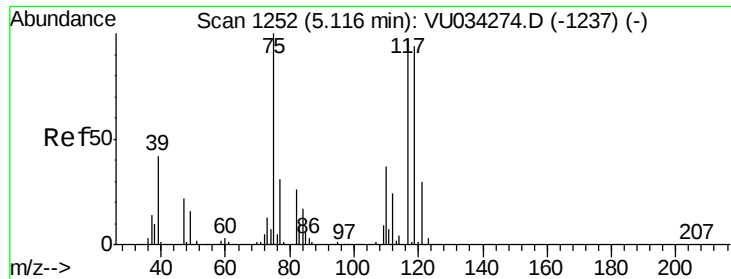
#35
 Dibromofluoromethane
 Concen: 50.972 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034420.D
 Acq: 09 Sep 2019 10:07

Tgt Ion:113 Resp: 172412
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 22.9 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: 4.281 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.15 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

PB122905TB

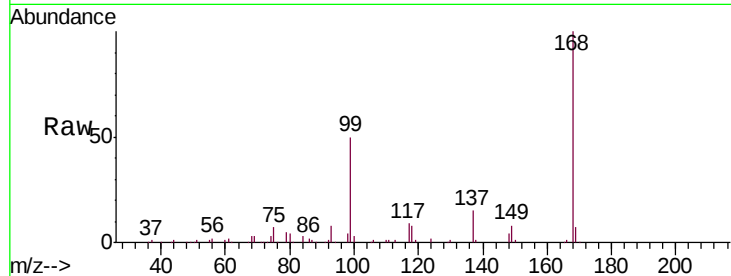
Tgt Ion: 75 Resp: 16878

Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.9#

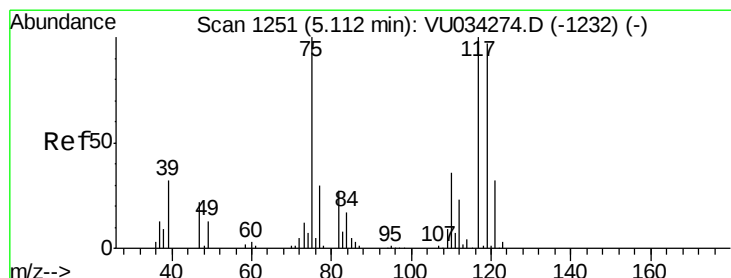
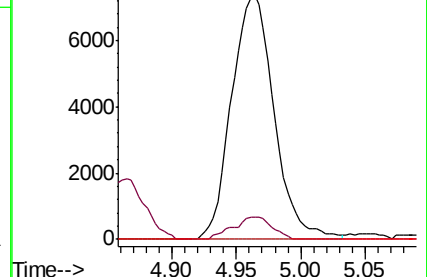
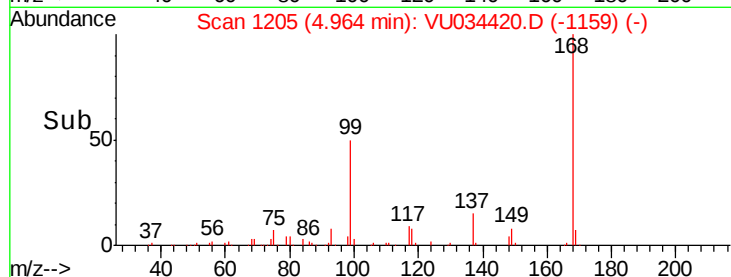
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VU034420.D (-1159) (-)

Ion 109.90 (109.60 to 110.60): VU034420.D (-1159) (-)

Ion 76.90 (76.60 to 77.60): VU034420.D (-1159) (-)



#38

Carbon Tetrachloride

Concen: 5.165 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.15 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

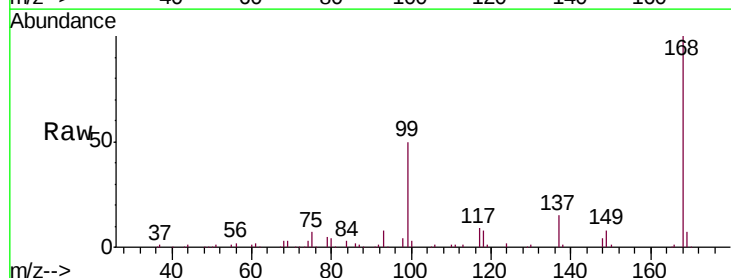
Tgt Ion: 117 Resp: 21743

Ion Ratio Lower Upper

117 100

119 6.0 77.8 116.6#

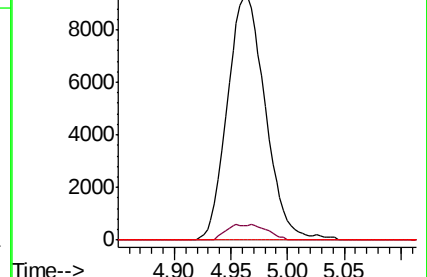
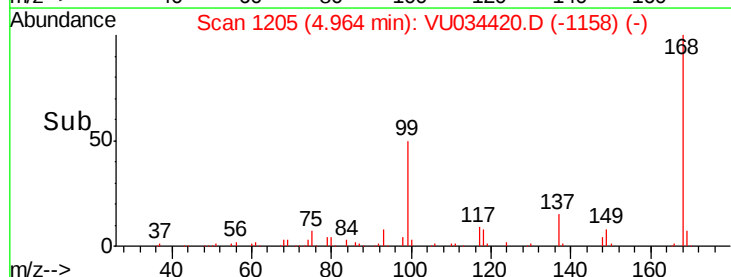
121 0.0 25.2 37.8#

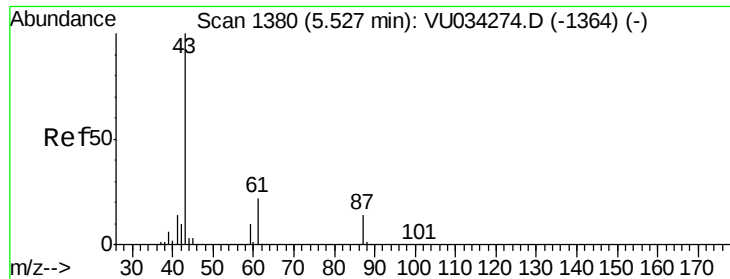


Abundance Ion 116.80 (116.50 to 117.50): VU034420.D (-1158) (-)

Ion 118.80 (118.50 to 119.50): VU034420.D (-1158) (-)

Ion 120.80 (120.50 to 121.50): VU034420.D (-1158) (-)





#43

Isopropyl Acetate

Concen: 9.222 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

PB122905TB

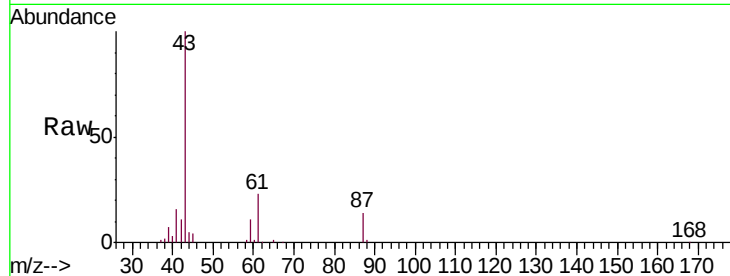
Tgt Ion: 43 Resp: 67055

Ion Ratio Lower Upper

43 100

61 21.1 17.1 25.7

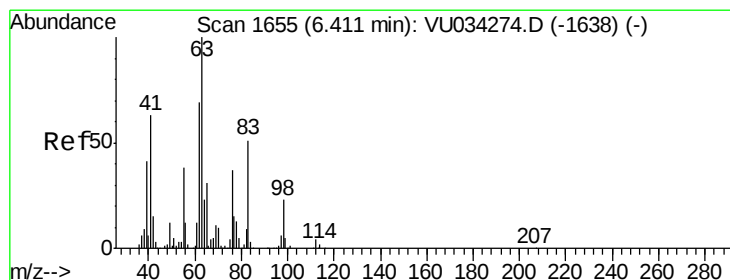
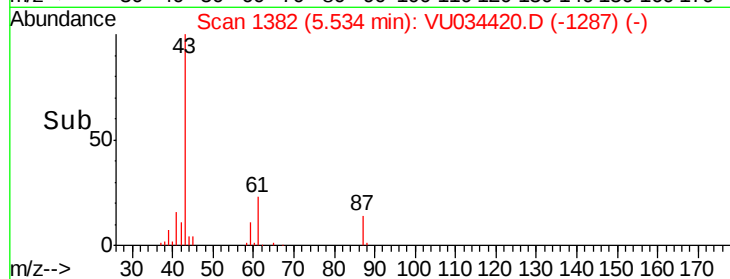
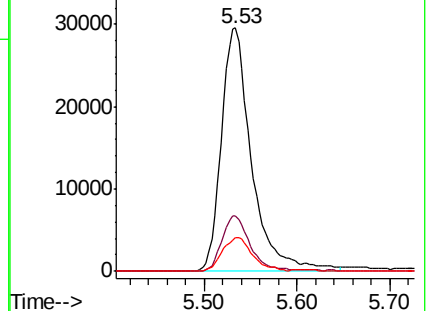
87 13.8 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034420.D (-1382) (-)

Ion 61.00 (60.70 to 61.70): VU034420.D (-1382) (-)

Ion 87.00 (86.70 to 87.70): VU034420.D (-1382) (-)



#45

1,2-Dichloropropane

Concen: 0.468 ug/l

RT: 6.68 min Scan# 1740

Delta R.T. 0.27 min

Lab File: VU034420.D

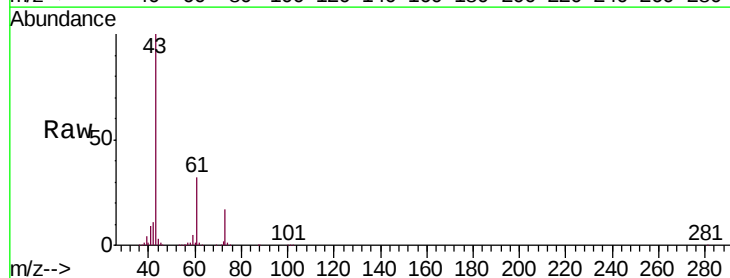
Acq: 09 Sep 2019 10:07

Tgt Ion: 63 Resp: 1742

Ion Ratio Lower Upper

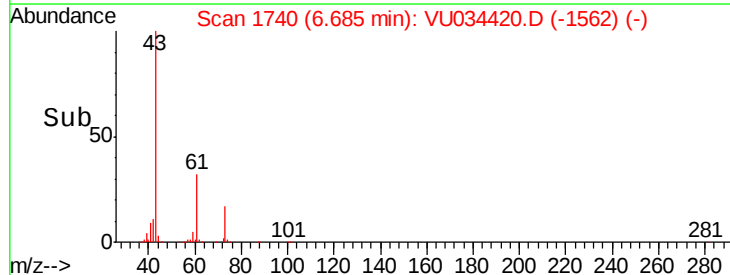
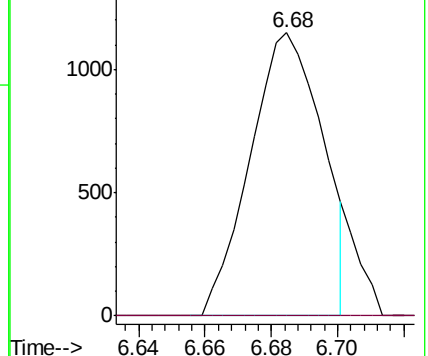
63 100

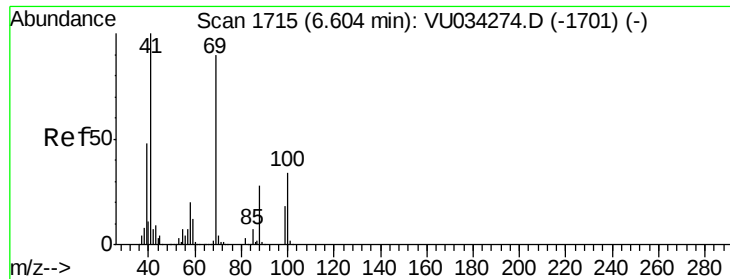
65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VU034420.D (-1740) (-)

Ion 64.90 (64.60 to 65.60): VU034420.D (-1740) (-)

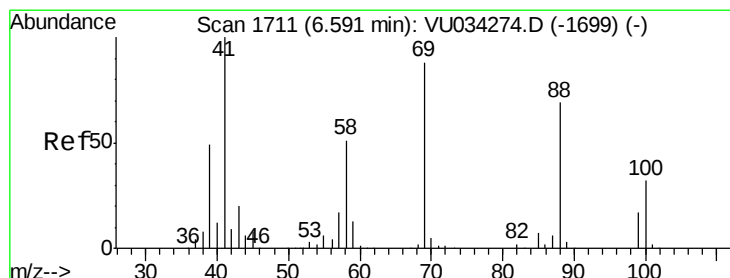
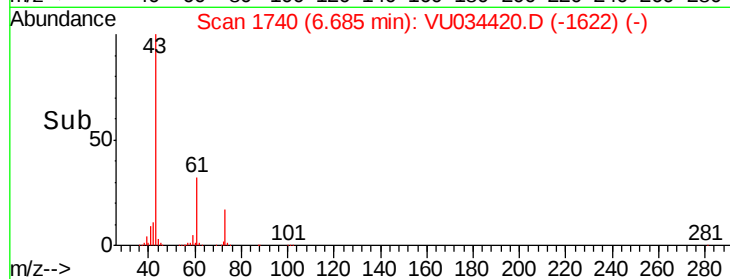
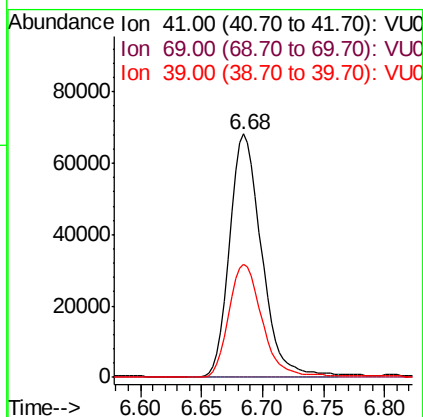
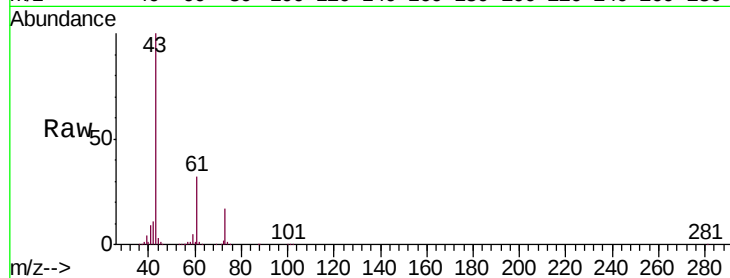




#48
Methyl methacrylate
Concen: 36.070 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.08 min
Lab File: VU034420.D
Acq: 09 Sep 2019 10:07

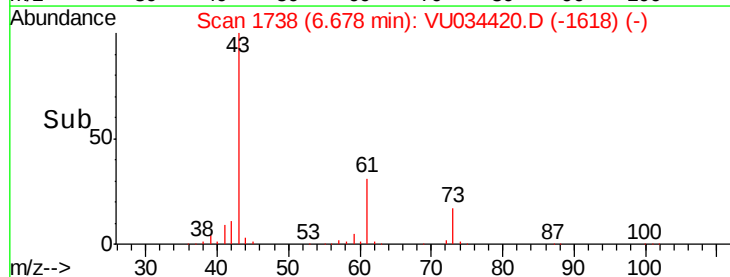
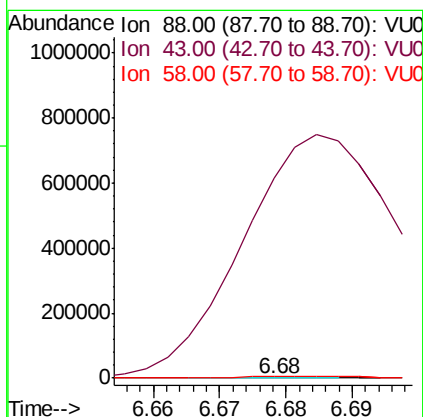
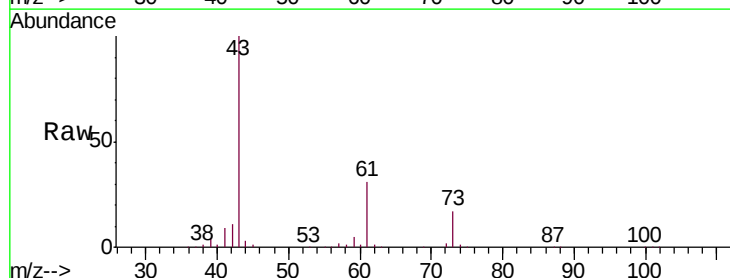
Instrument :
MSVOA_U
ClientSampleId :
PB122905TB

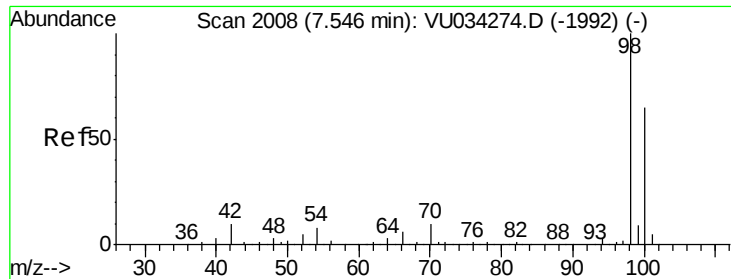
Tgt Ion: 41 Resp: 124570
Ion Ratio Lower Upper
41 100
69 0.1 72.8 109.2#
39 49.2 38.6 58.0



#49
1,4-Dioxane
Concen: 2.188 ug/l
RT: 6.68 min Scan# 1738
Delta R.T. 0.09 min
Lab File: VU034420.D
Acq: 09 Sep 2019 10:07

Tgt Ion: 88 Resp: 165
Ion Ratio Lower Upper
88 100
43 821933.9 23.8 35.6#
58 5142.4 58.4 87.6#

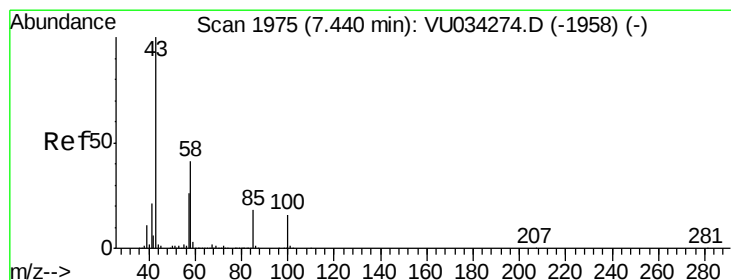
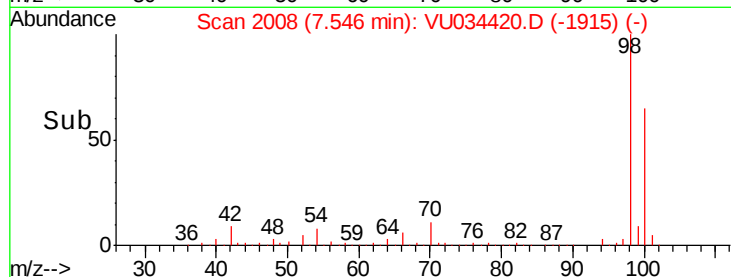
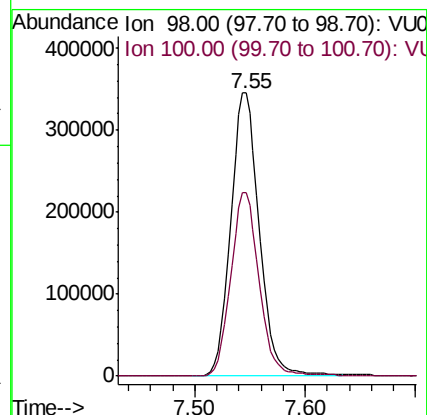
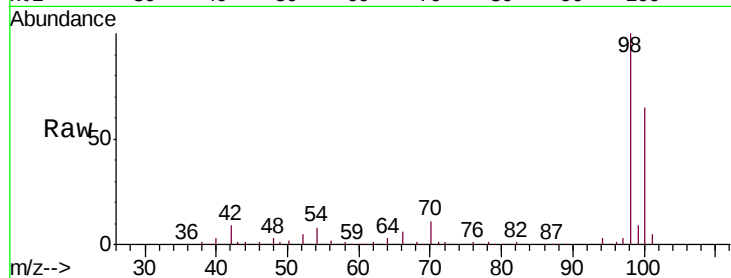




#50
Toluene-d8
Concen: 48.821 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034420.D
Acq: 09 Sep 2019 10:07

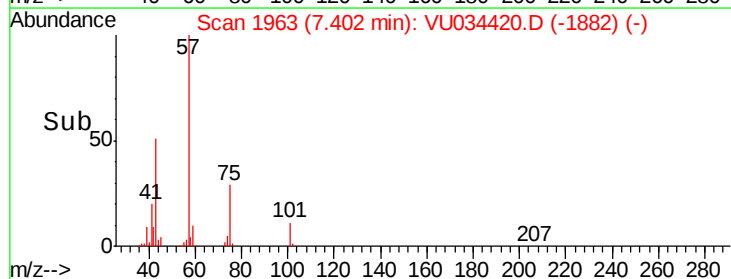
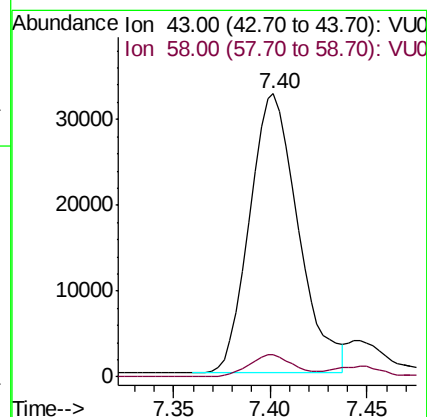
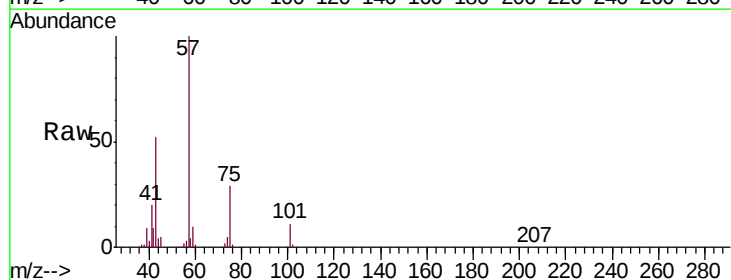
Instrument :
MSVOA_U
ClientSampleId :
PB122905TB

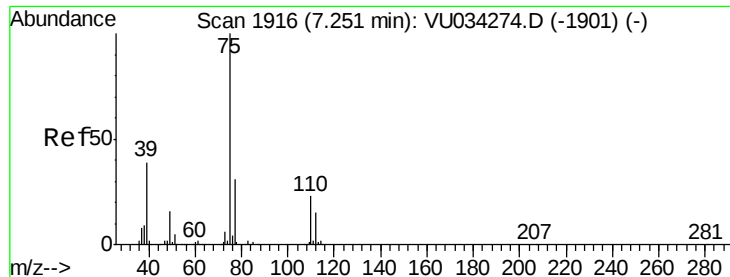
Tgt Ion: 98 Resp: 620423
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 11.324 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034420.D
Acq: 09 Sep 2019 10:07

Tgt Ion: 43 Resp: 56994
Ion Ratio Lower Upper
43 100
58 7.4 33.0 49.4#





#54

cis-1,3-Dichloropropene

Concen: 5.748 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. 0.15 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

PB122905TB

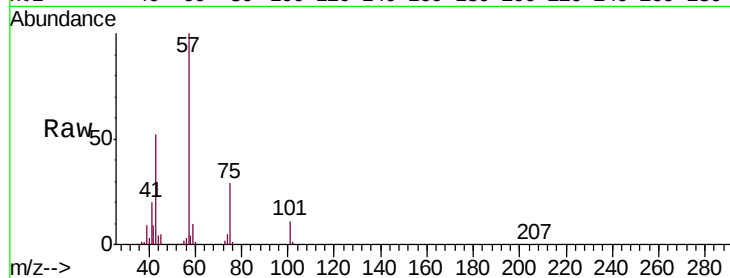
Tgt Ion: 75 Resp: 31424

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

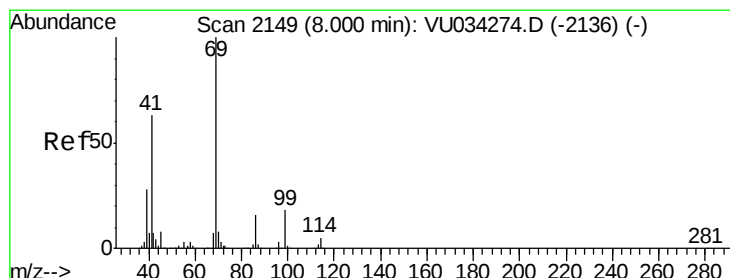
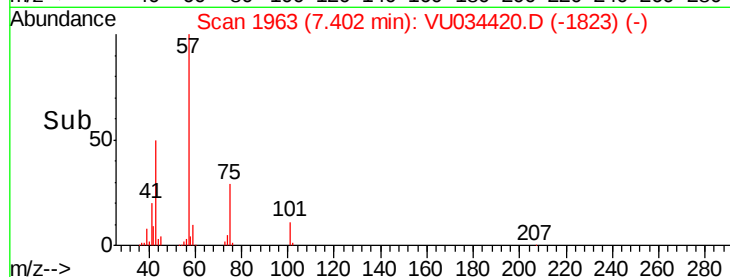
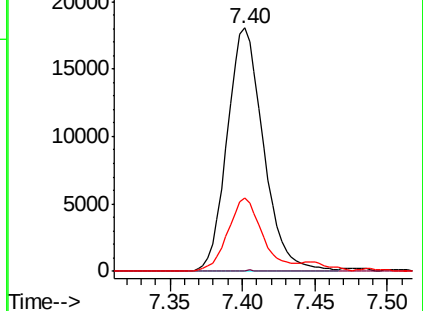
39 30.2 31.2 46.8#



Abundance Ion 74.90 (74.60 to 75.60): VU034420.D (-1963) (-)

Ion 76.90 (76.60 to 77.60): VU034420.D (-1963) (-)

Ion 39.00 (38.70 to 39.70): VU034420.D (-1963) (-)



#56

Ethyl methacrylate

Concen: 3.114 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. 0.05 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

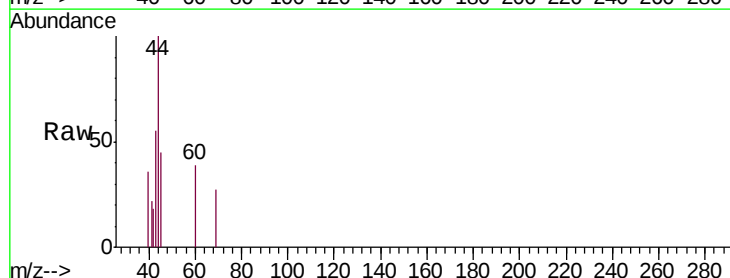
Tgt Ion: 69 Resp: 222

Ion Ratio Lower Upper

69 100

41 0.0 49.5 74.3#

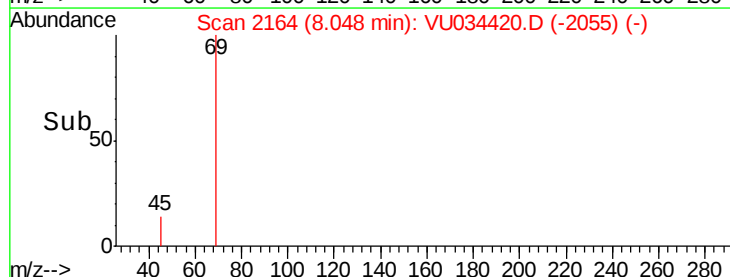
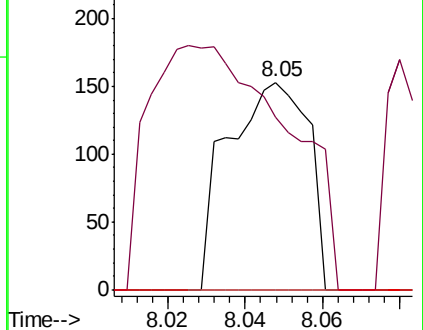
39 0.0 22.5 33.7#

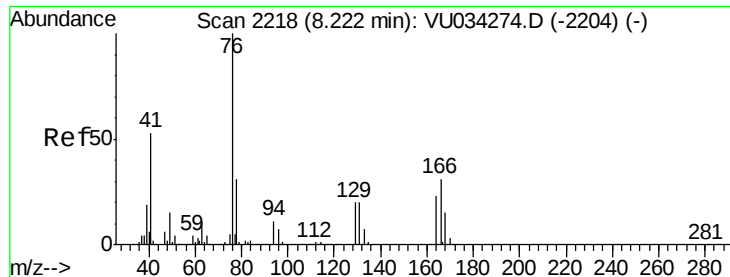


Abundance Ion 69.00 (68.70 to 69.70): VU034420.D (-2164) (-)

Ion 41.00 (40.70 to 41.70): VU034420.D (-2164) (-)

Ion 39.00 (38.70 to 39.70): VU034420.D (-2164) (-)





#57

1,3-Dichloropropane

Concen: 1.048 ug/l

RT: 8.40 min Scan# 2273

Delta R.T. 0.18 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

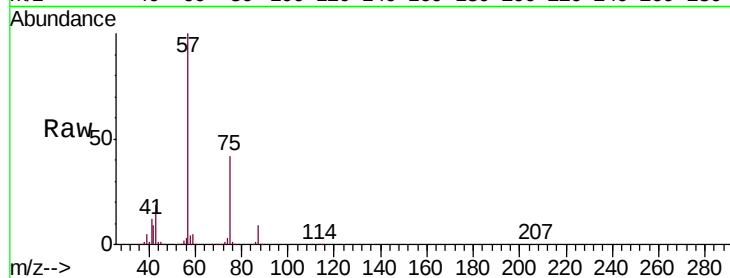
PB122905TB

Tgt Ion: 76 Resp: 6183

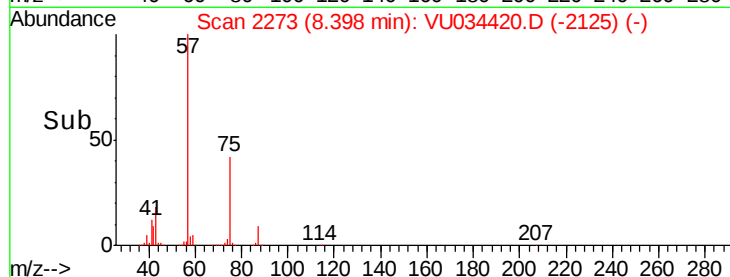
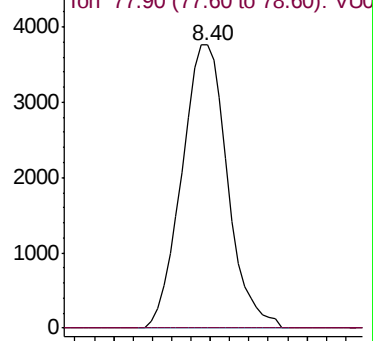
Ion Ratio Lower Upper

76 100

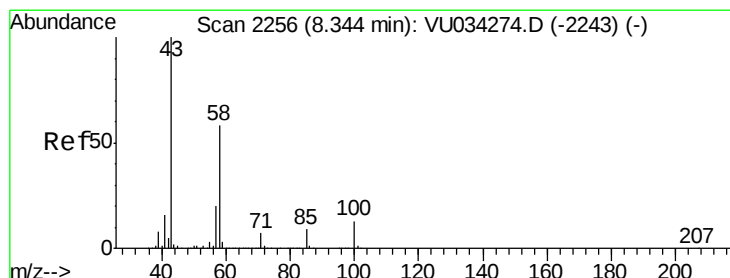
78 0.0 25.4 38.2#



Abundance Ion 75.90 (75.60 to 76.60): VU034420.D (-2125) (-)



Time-->



#59

2-Hexanone

Concen: 20.307 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.05 min

Lab File: VU034420.D

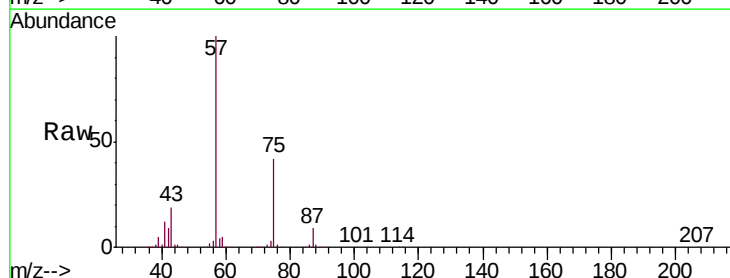
Acq: 09 Sep 2019 10:07

Tgt Ion: 43 Resp: 76353

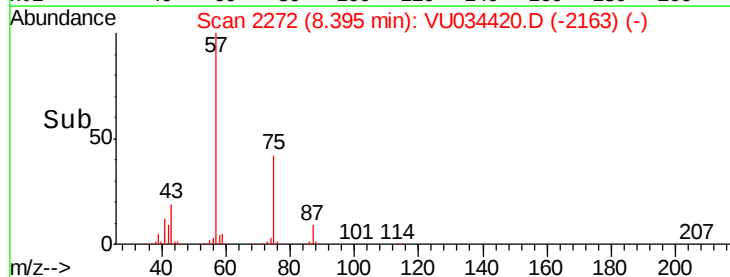
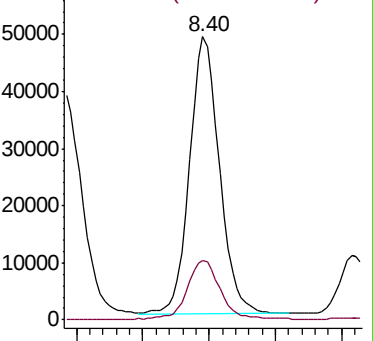
Ion Ratio Lower Upper

43 100

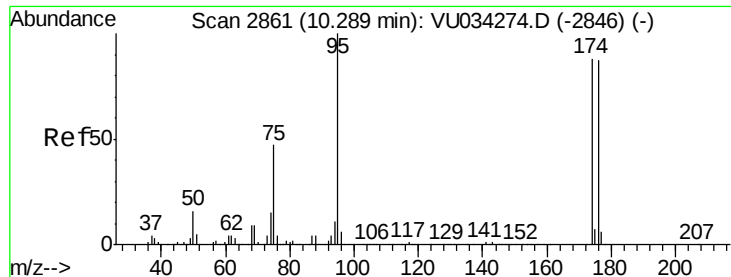
58 24.2 28.8 86.5#



Abundance Ion 43.00 (42.70 to 43.70): VU034420.D (-2163) (-)



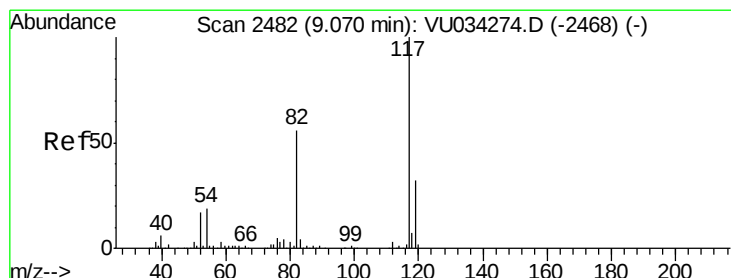
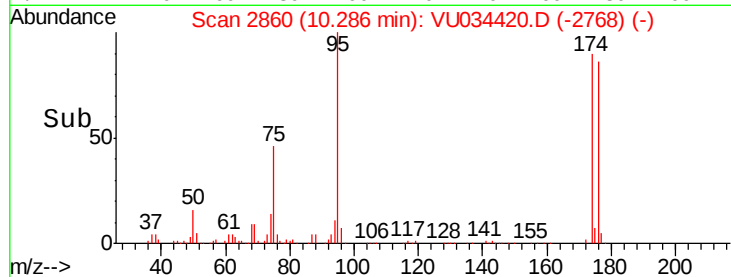
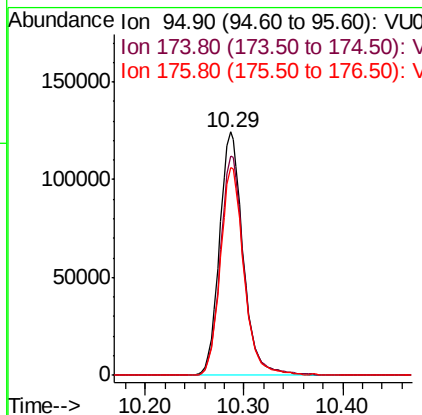
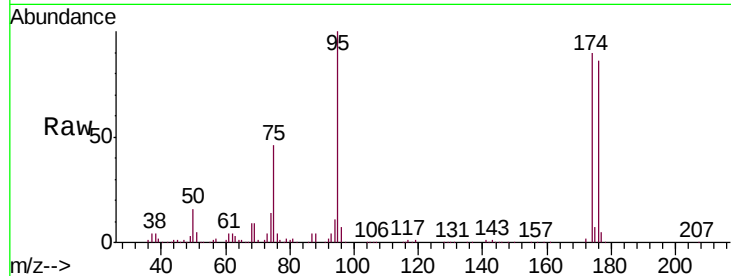
Time-->



#62
4-Bromofluorobenzene
Concen: 42.634 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034420.D
Acq: 09 Sep 2019 10:07

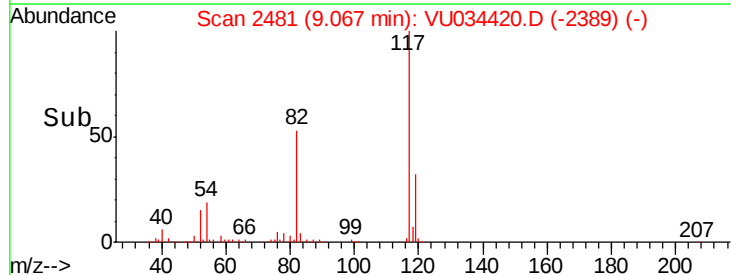
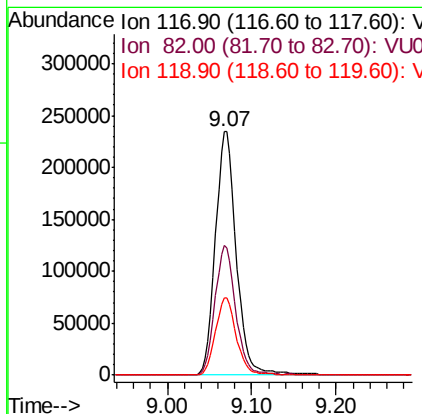
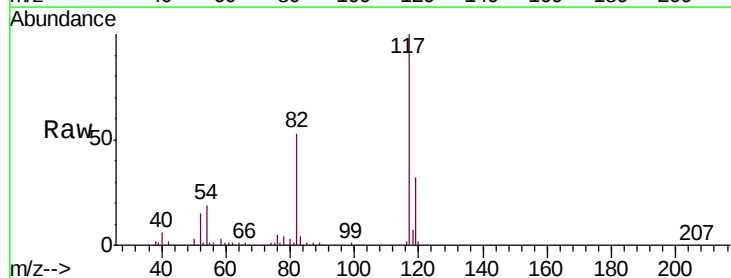
Instrument :
MSVOA_U
ClientSampleId :
PB122905TB

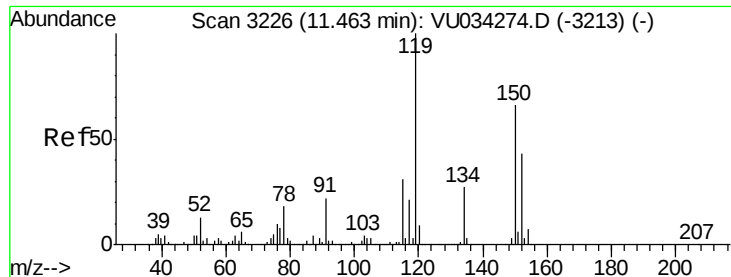
Tgt Ion: 95 Resp: 209181
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.2
176 85.2 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034420.D
Acq: 09 Sep 2019 10:07

Tgt Ion: 117 Resp: 404548
Ion Ratio Lower Upper
117 100
82 53.2 44.6 67.0
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

PB122905TB

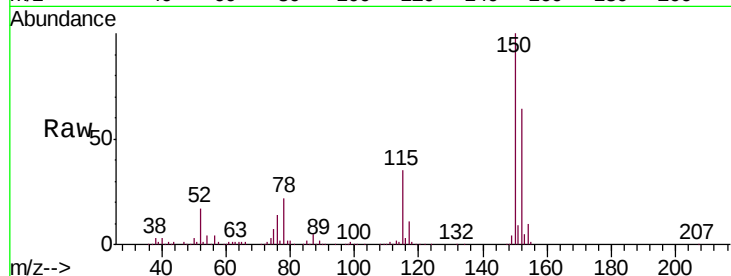
Tgt Ion:152 Resp: 212474

Ion Ratio Lower Upper

152 100

115 54.9 39.1 117.3

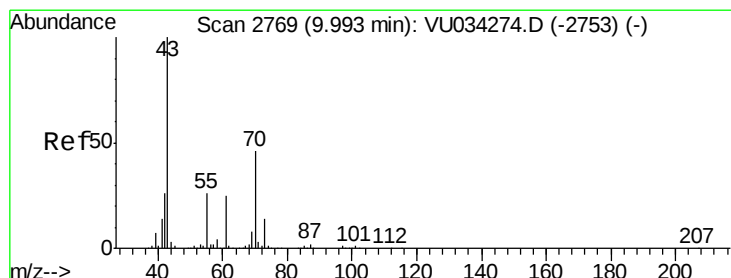
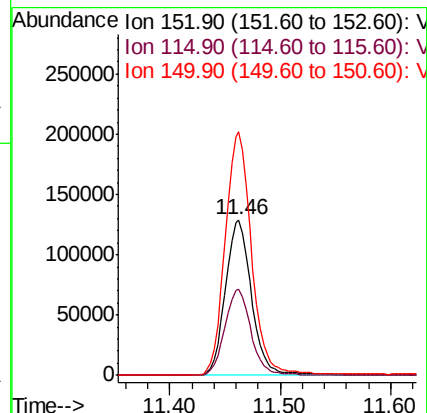
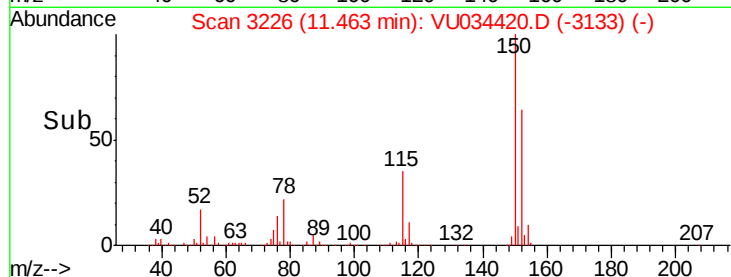
150 157.7 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.318 ug/l

RT: 9.92 min Scan# 2745

Delta R.T. -0.08 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

Tgt Ion: 43 Resp: 1770

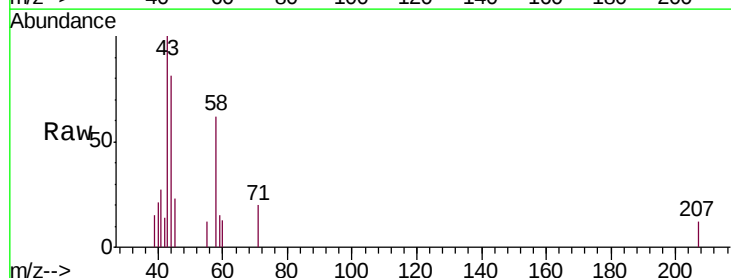
Ion Ratio Lower Upper

43 100

70 0.0 36.4 54.6#

55 5.7 21.2 31.8#

61 0.0 20.4 30.6#

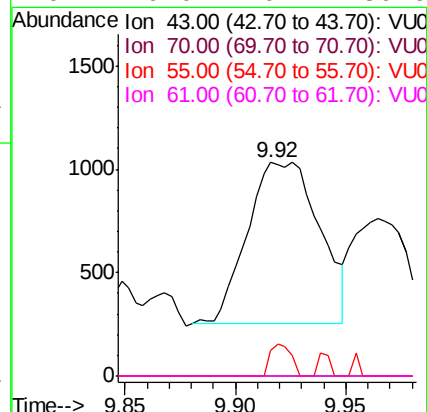
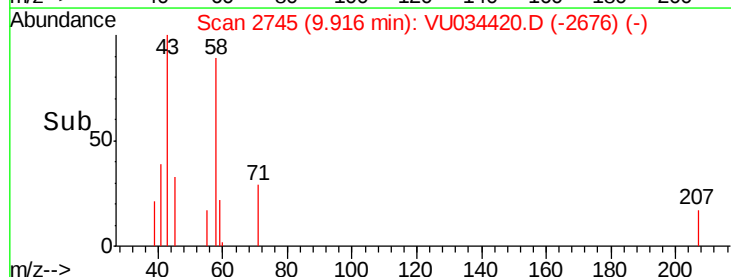


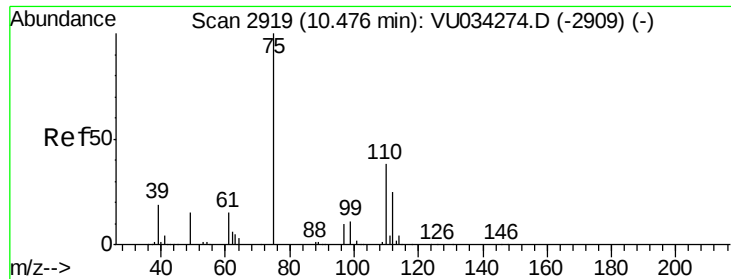
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 20.513 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.19 min

Lab File: VU034420.D

Acq: 09 Sep 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

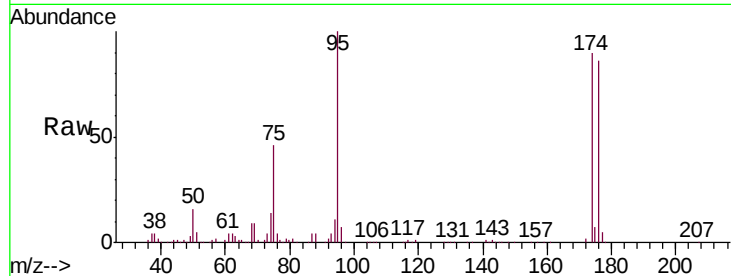
PB122905TB

Tgt Ion: 75 Resp: 95138

Ion Ratio Lower Upper

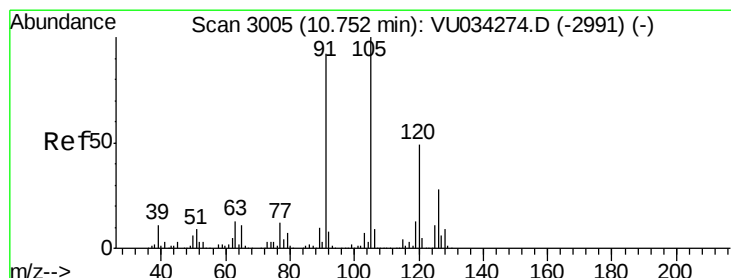
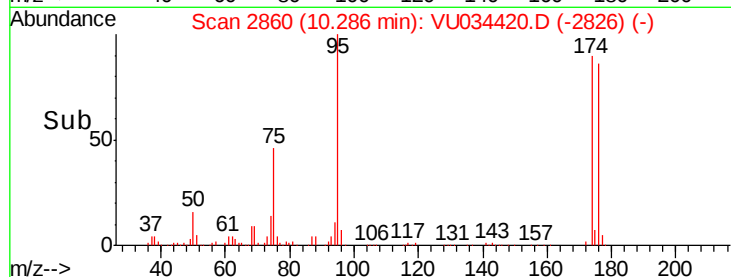
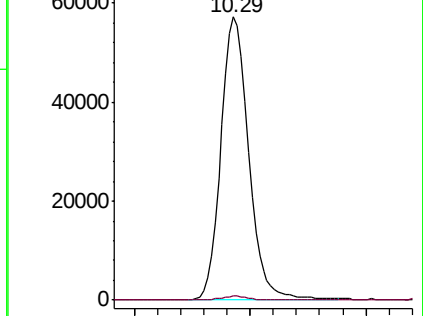
75 100

77 1.3 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VU034420.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VU034420.D (-2860) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.220 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034420.D

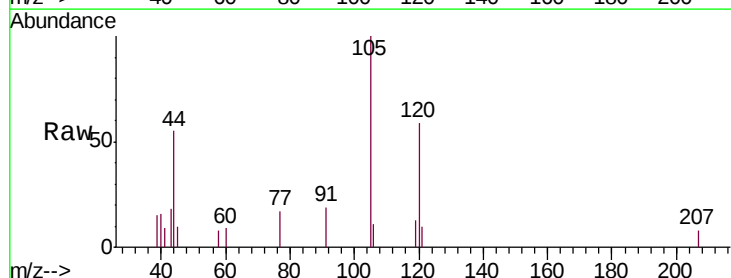
Acq: 09 Sep 2019 10:07

Tgt Ion: 105 Resp: 2548

Ion Ratio Lower Upper

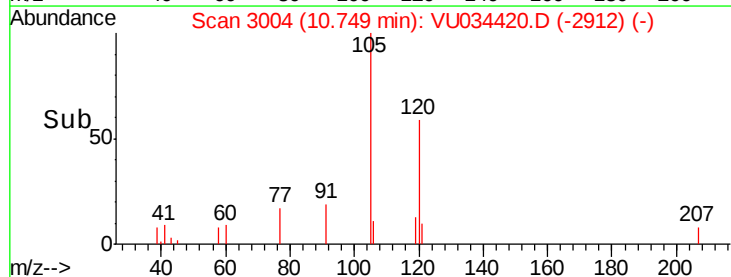
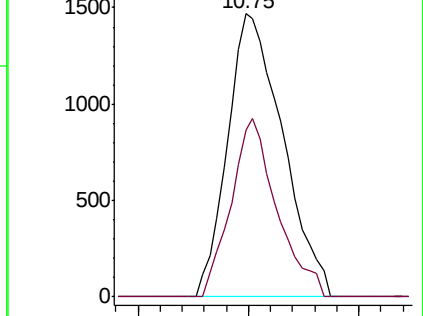
105 100

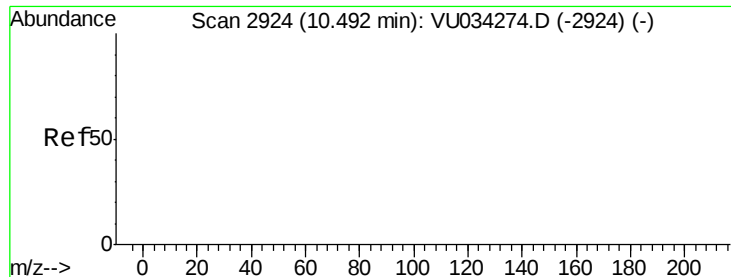
120 52.5 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VU034420.D (-3005) (-)

Ion 120.00 (119.70 to 120.70): VU034420.D (-3005) (-)

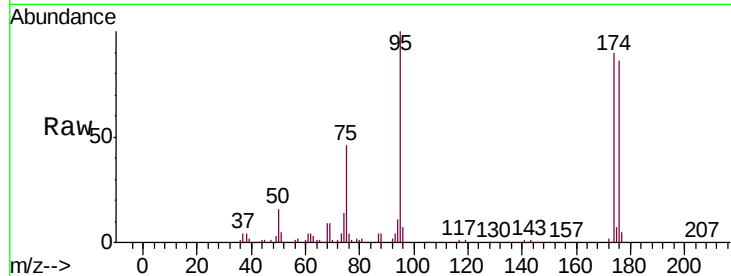




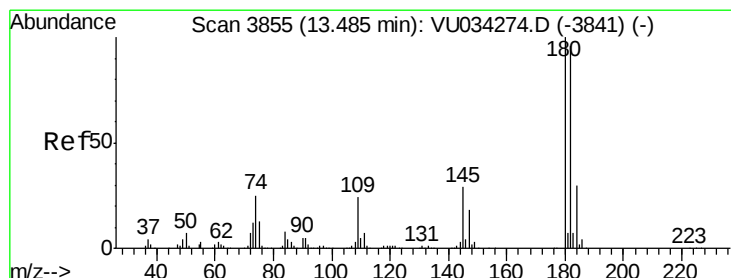
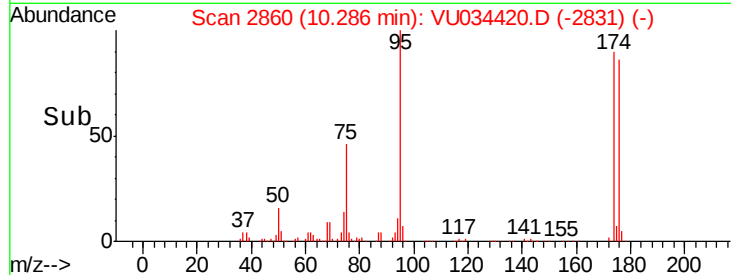
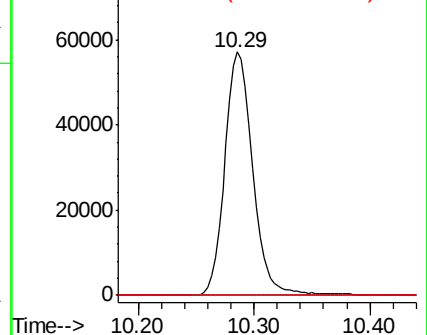
#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.984 ug/l
 RT: 10.29 min Scan# 2860
 Delta R.T. -0.21 min
 Lab File: VU034420.D
 Acq: 09 Sep 2019 10:07

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122905TB

Tgt Ion: 75 Resp: 95138
 Ion Ratio Lower Upper
 75 100
 53 0.2 0.0 0.0#
 89 0.1 0.0 0.0#

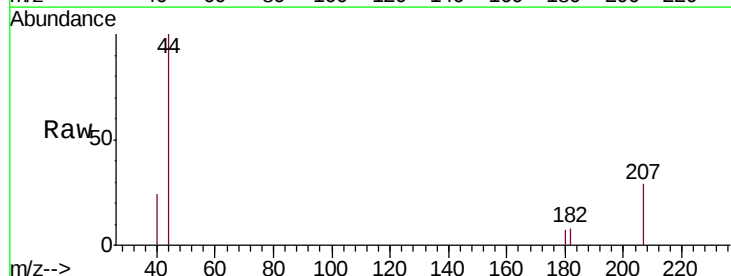


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 53.00 (52.70 to 53.70): VU0
 Ion 88.90 (88.60 to 89.60): VU0

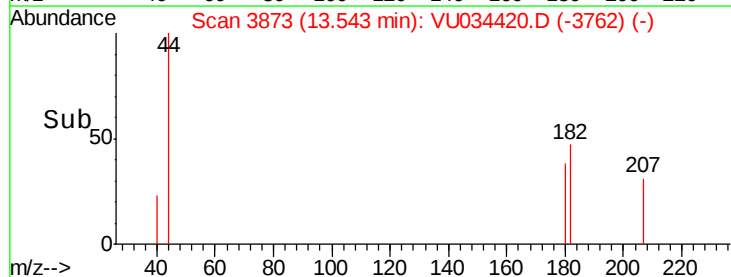
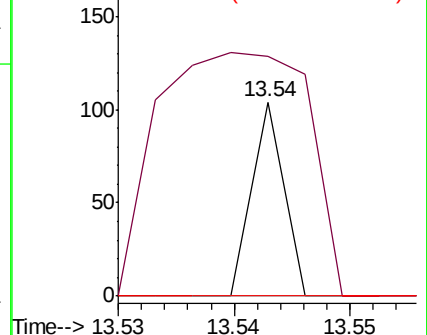


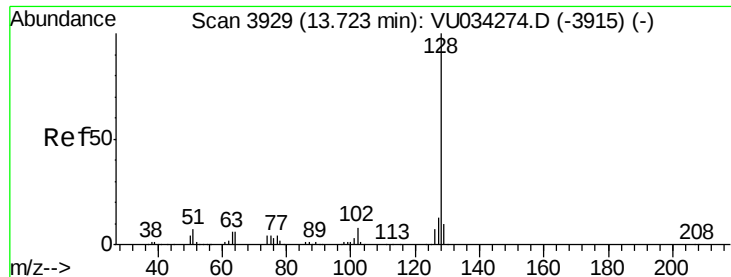
#93
 1,2,4-Trichlorobenzene
 Concen: 3.455 ug/l
 RT: 13.54 min Scan# 3873
 Delta R.T. 0.06 min
 Lab File: VU034420.D
 Acq: 09 Sep 2019 10:07

Tgt Ion: 180 Resp: 20
 Ion Ratio Lower Upper
 180 100
 182 585.0 47.9 143.8#
 145 0.0 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

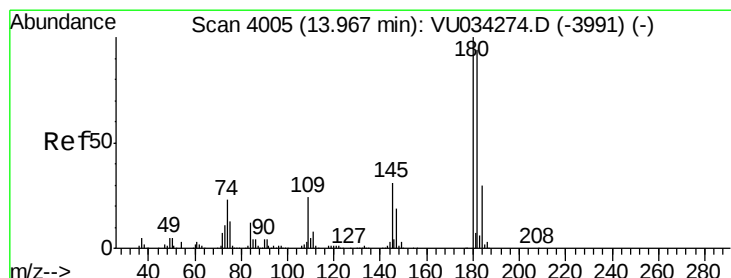
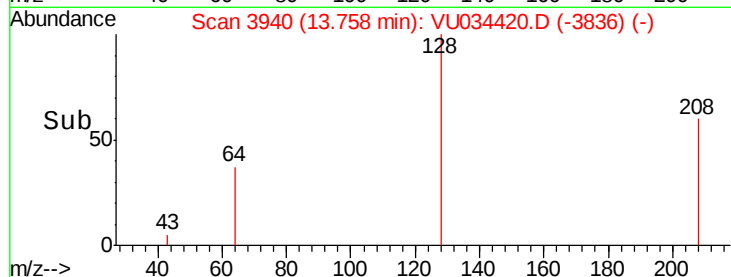
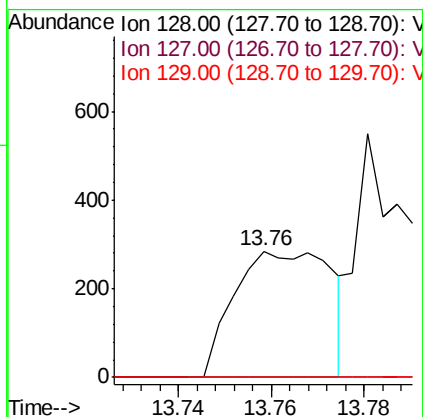
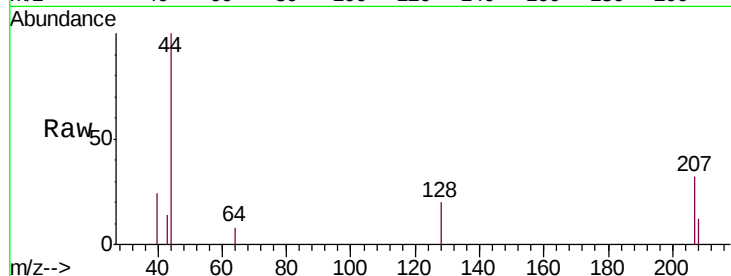




#95
Naphthalene
Concen: 3.993 ug/l
RT: 13.76 min Scan# 3940
Delta R.T. 0.04 min
Lab File: VU034420.D
Acq: 09 Sep 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
PB122905TB

Tgt Ion:128 Resp: 415
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 2.670 ug/l
RT: 13.99 min Scan# 4013
Delta R.T. 0.03 min
Lab File: VU034420.D
Acq: 09 Sep 2019 10:07

Tgt Ion:180 Resp: 160
Ion Ratio Lower Upper
180 100
182 85.6 48.4 145.0
145 0.0 15.4 46.4#

