

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090319\
 Data File : VU034190.D
 Acq On : 02 Sep 2019 10:33
 Operator : JC/SP
 Sample : PB122725TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122725TB

Quant Time: Sep 03 05:51:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	426152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	687817	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	682485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	314879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	273803	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	4.86	113	229804	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	7.55	98	905471	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	10.29	95	305275	43.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.86%	

Target Compounds

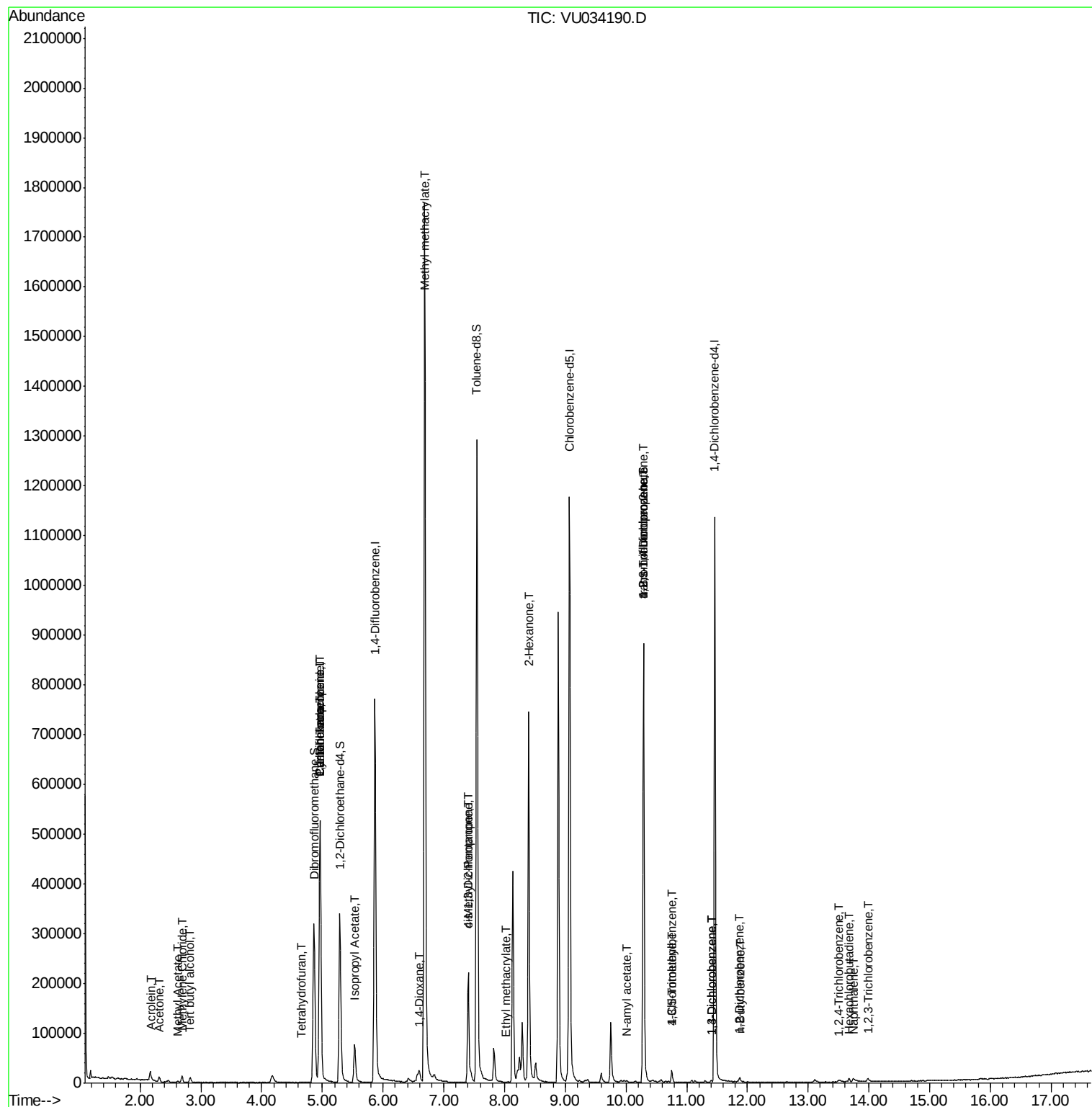
					Qvalue	
3) Chloromethane	1.32	50	860	Below Cal		93
5) Bromomethane	1.63	94	1394	Below Cal		81
11) Tert butyl alcohol	2.82	59	6853	5.442 ug/l #		74
13) Acrolein	2.18	56	322	0.608 ug/l #		45
16) Acetone	2.31	43	11822	4.243 ug/l		98
18) Methyl Acetate	2.61	43	3625	0.503 ug/l		97
20) Methylene Chloride	2.69	84	6517	1.236 ug/l		89
29) Tetrahydrofuran	4.65	42	725	0.303 ug/l #		48
31) Cyclohexane	4.96	56	7562	0.927 ug/l #		1
36) 1,1-Dichloropropene	4.96	75	32459	4.989 ug/l #		49
38) Carbon Tetrachloride	4.96	117	38083	6.064 ug/l #		17
43) Isopropyl Acetate	5.53	43	91042	8.214 ug/l		99
48) Methyl methacrylate	6.69	41	154091	28.811 ug/l #		40
49) 1,4-Dioxane	6.61	88	414	3.089 ug/l #		1
51) 4-Methyl-2-Pentanone	7.40	43	77609	10.139 ug/l #		47
54) cis-1,3-Dichloropropene	7.40	75	40115	4.845 ug/l #		64
56) Ethyl methacrylate	8.03	69	821	1.066 ug/l #		27
59) 2-Hexanone	8.40	43	108197	18.724 ug/l #		54
74) N-amyl acetate	10.01	43	2027	0.228 ug/l #		84
76) 1,2,3-Trichloropropane	10.29	75	145078	20.443 ug/l #		37
80) 1,3,5-Trimethylbenzene	10.76	105	11524	0.643 ug/l		100
81) trans-1,4-Dichloro-2-buten	10.29	75	145078	68.835 ug/l #		100
82) 4-Chlorotoluene	10.76	91	4159	0.245 ug/l		80
87) 1,3-Dichlorobenzene	11.40	146	2489	0.247 ug/l		96
88) 1,4-Dichlorobenzene	11.40	146	2489	0.244 ug/l		96
89) n-Butylbenzene	11.88	91	4257	0.252 ug/l		92
91) 1,2-Dichlorobenzene	11.86	146	2258	0.234 ug/l		97
93) 1,2,4-Trichlorobenzene	13.50	180	1883	1.382 ug/l		71
94) Hexachlorobutadiene	13.67	225	1566	0.415 ug/l		91
95) Naphthalene	13.74	128	10520	2.306 ug/l #		86
96) 1,2,3-Trichlorobenzene	13.99	180	3394	0.549 ug/l		90

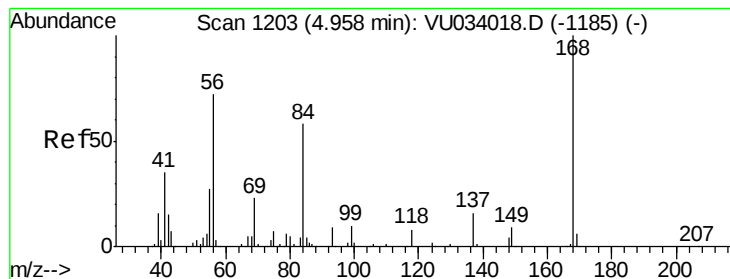
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

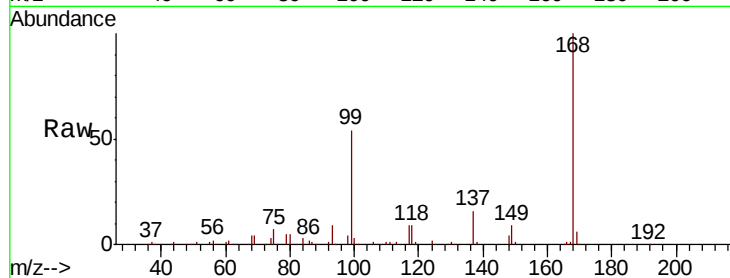
PB122725TB

Tgt Ion: 168 Resp: 426152

Ion Ratio Lower Upper

168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034190.D

Ion 98.90 (98.60 to 99.60): VU034190.D

4.96

200000

150000

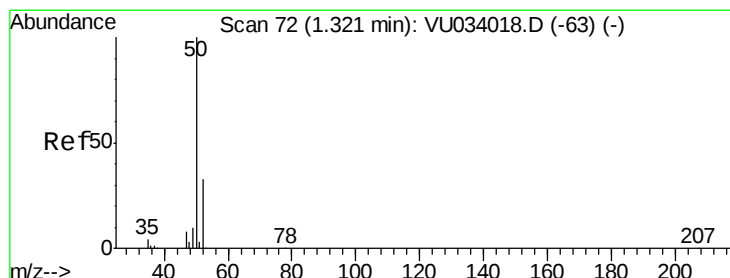
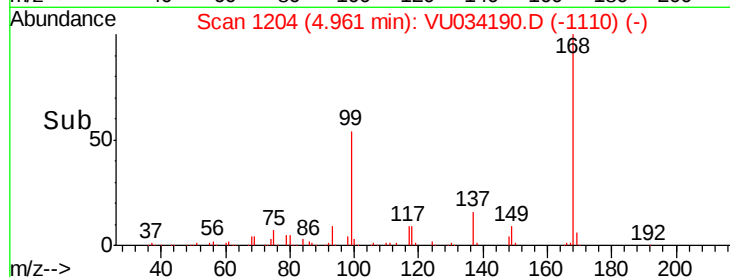
100000

50000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034190.D

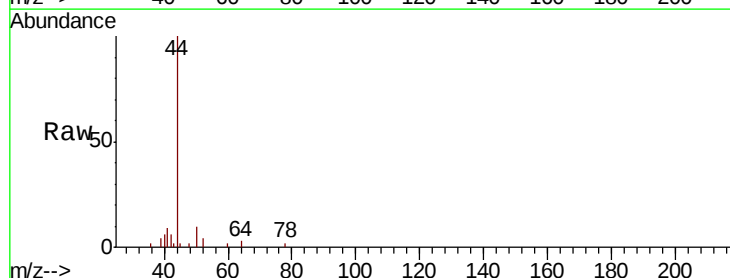
Acq: 02 Sep 2019 10:33

Tgt Ion: 50 Resp: 860

Ion Ratio Lower Upper

50 100

52 36.7 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU034190.D

Ion 51.90 (51.60 to 52.60): VU034190.D

1.32

800

600

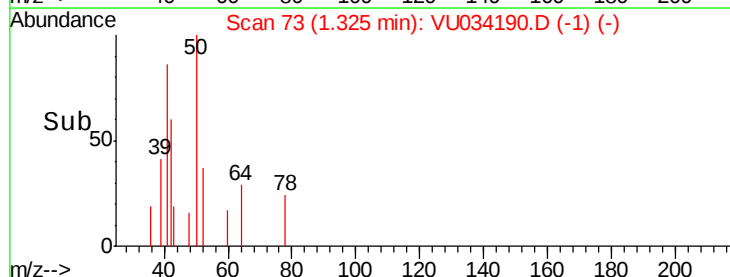
400

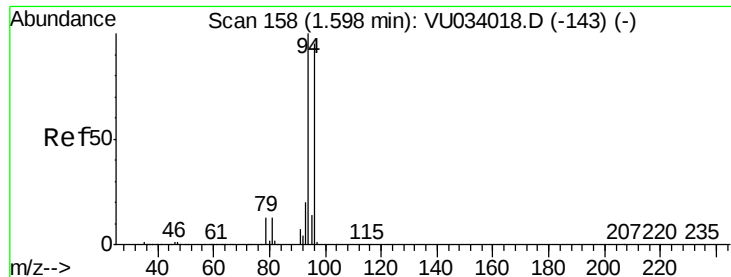
200

0

1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 167

Delta R.T. 0.03 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

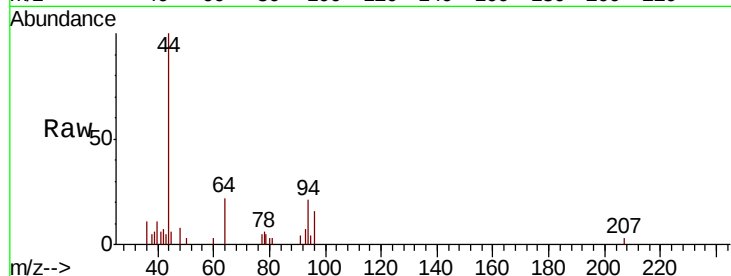
PB122725TB

Tgt Ion: 94 Resp: 1394

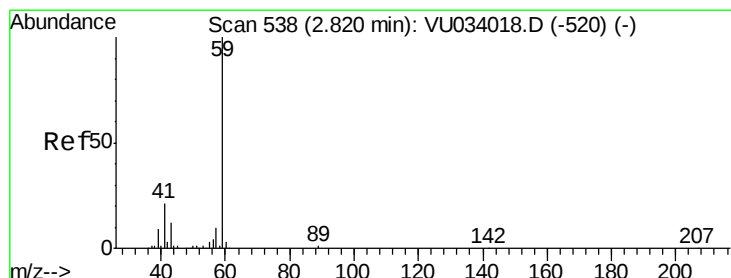
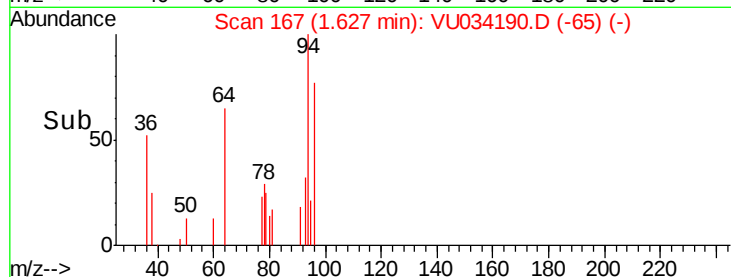
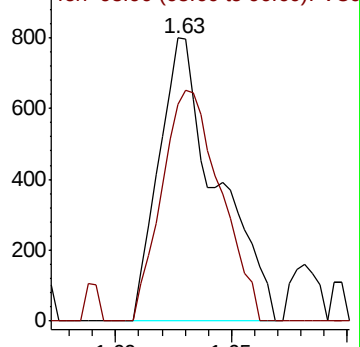
Ion Ratio Lower Upper

94 100

96 76.8 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU034190.D (-143) (-)



#11

Tert butyl alcohol

Concen: 5.442 ug/l

RT: 2.82 min Scan# 537

Delta R.T. -0.00 min

Lab File: VU034190.D

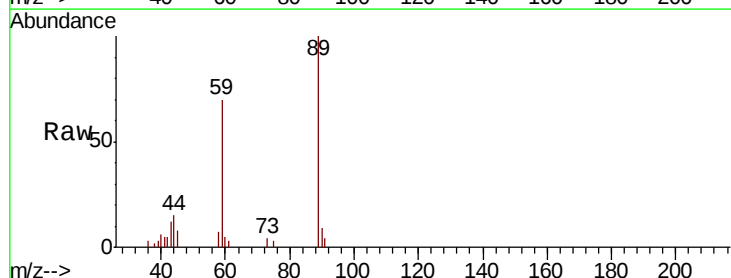
Acq: 02 Sep 2019 10:33

Tgt Ion: 59 Resp: 6853

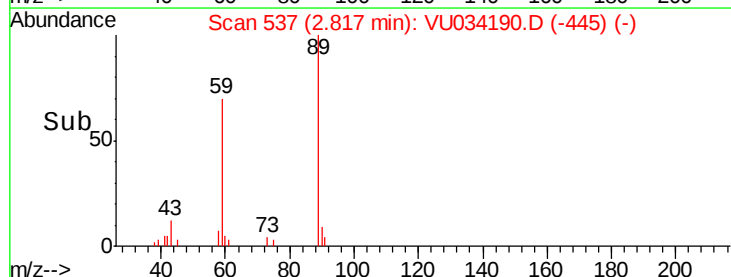
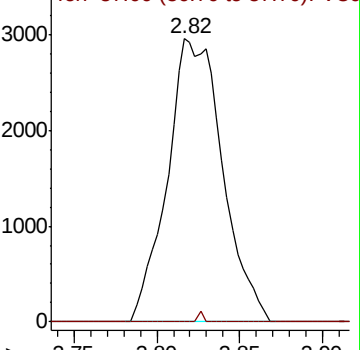
Ion Ratio Lower Upper

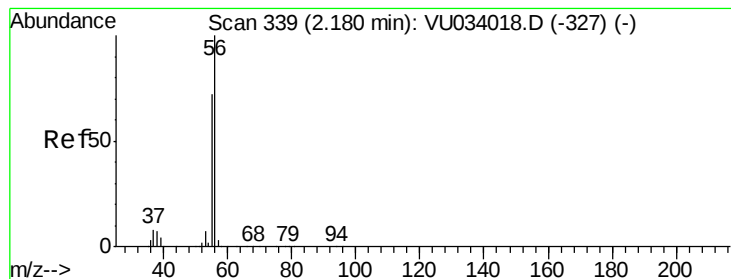
59 100

57 0.3 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU034190.D (-520) (-)





#13

Acrolein

Concen: 0.608 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

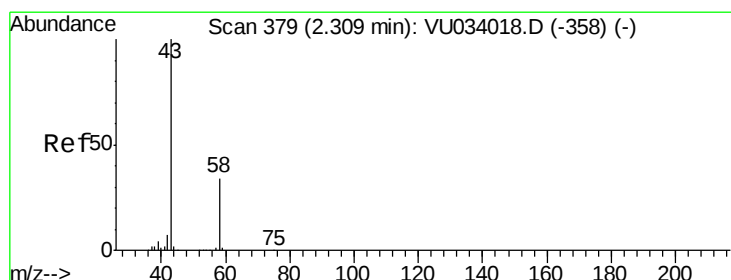
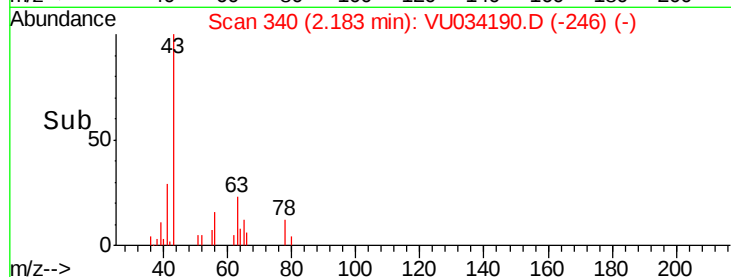
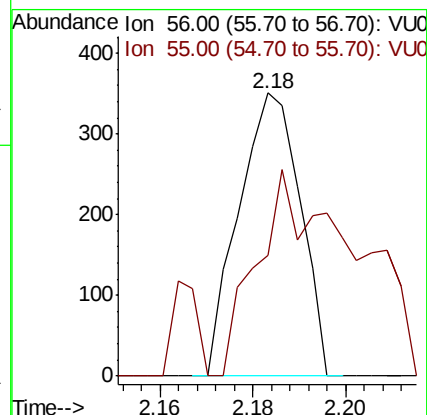
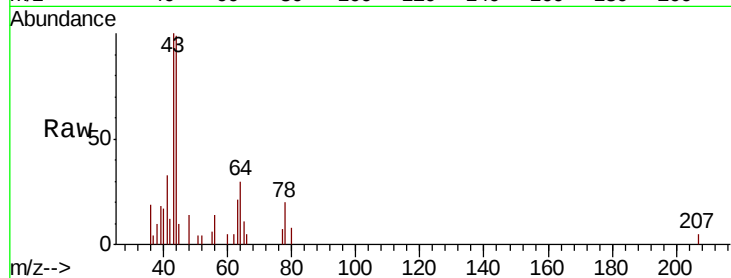
PB122725TB

Tgt Ion: 56 Resp: 322

Ion Ratio Lower Upper

56 100

55 117.1 57.1 85.7#



#16

Acetone

Concen: 4.243 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034190.D

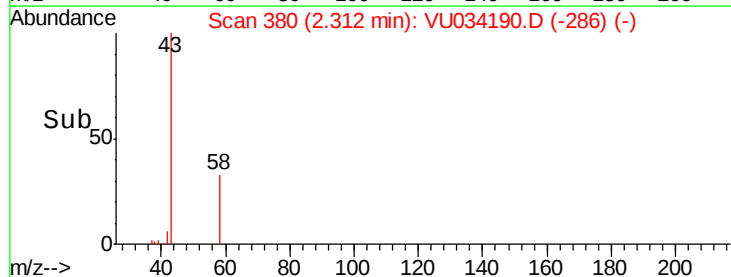
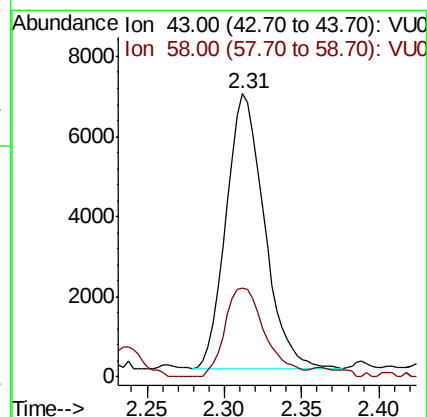
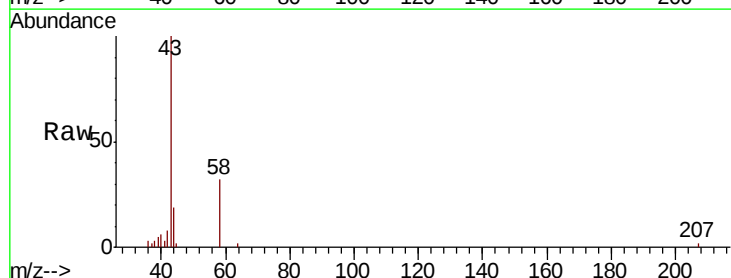
Acq: 02 Sep 2019 10:33

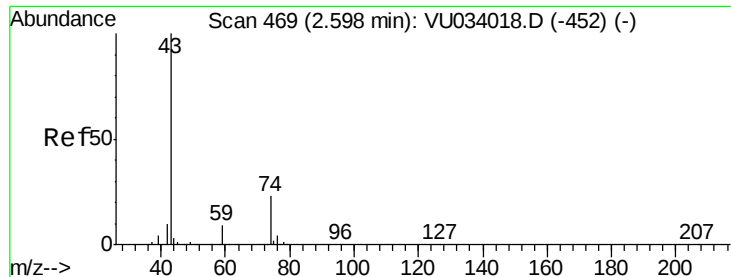
Tgt Ion: 43 Resp: 11822

Ion Ratio Lower Upper

43 100

58 32.4 26.8 40.2

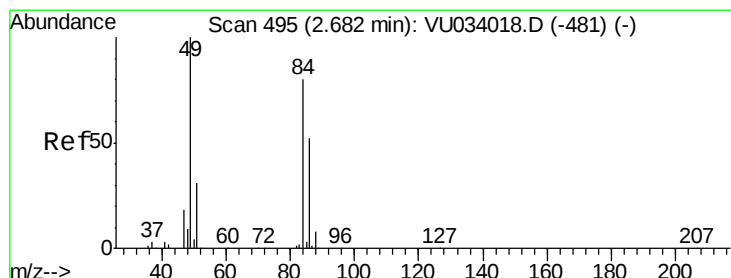
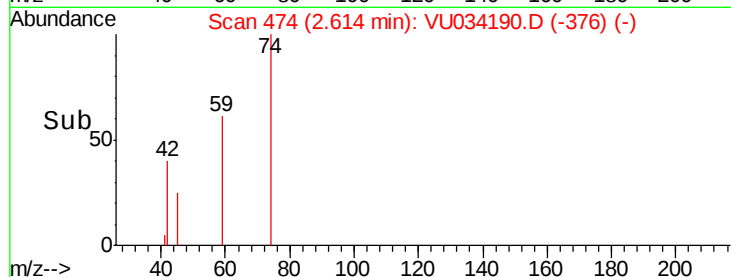
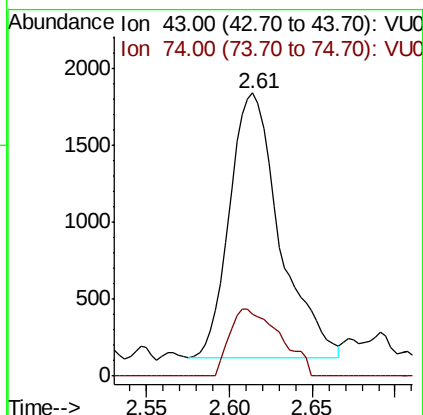
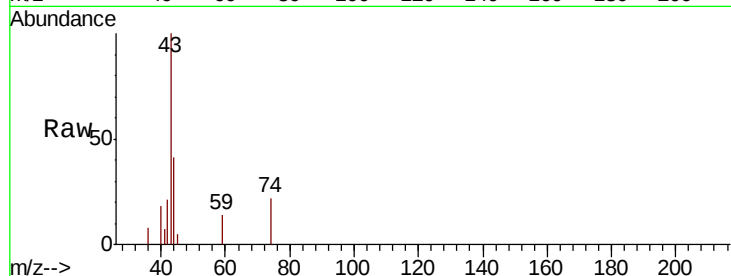




#18
Methyl Acetate
Concen: 0.503 ug/l
RT: 2.61 min Scan# 474
Delta R.T. 0.02 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

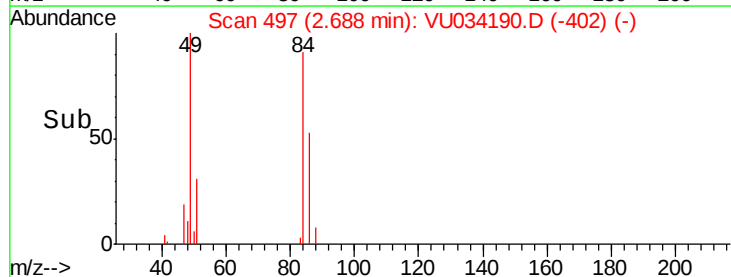
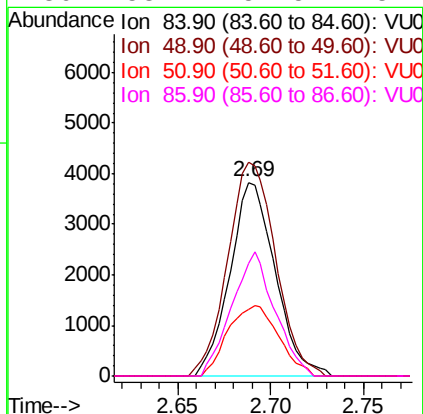
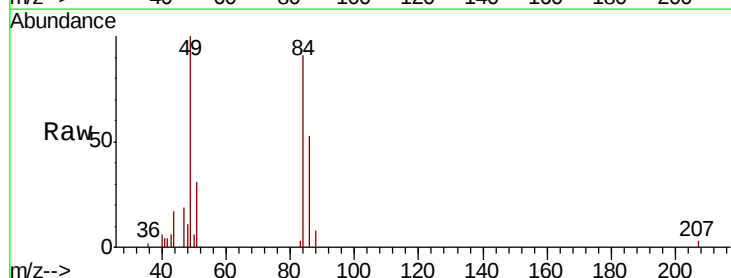
Instrument :
MSVOA_U
ClientSampleId :
PB122725TB

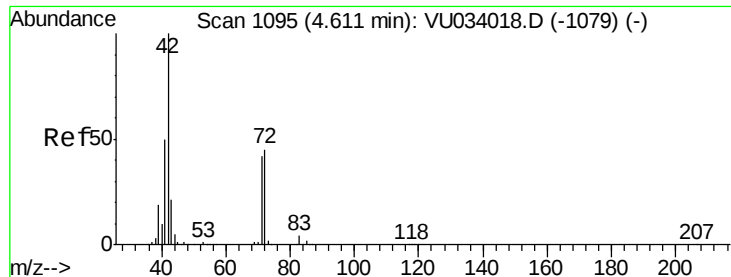
Tgt Ion: 43 Resp: 3625
Ion Ratio Lower Upper
43 100
74 25.7 19.2 28.8



#20
Methylene Chloride
Concen: 1.236 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

Tgt Ion: 84 Resp: 6517
Ion Ratio Lower Upper
84 100
49 110.2 100.2 150.4
51 34.0 30.8 46.2
86 58.4 52.5 78.7





#29

Tetrahydrofuran

Concen: 0.303 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.04 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

PB122725TB

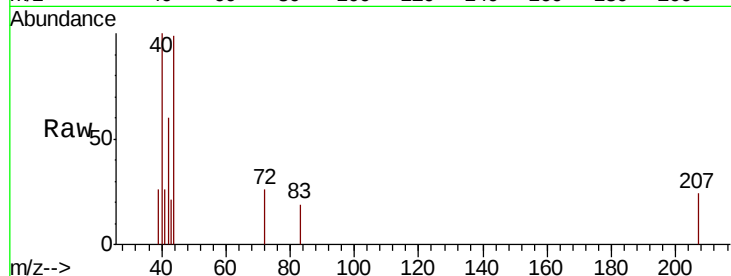
Tgt Ion: 42 Resp: 725

Ion Ratio Lower Upper

42 100

72 20.3 35.8 53.6#

71 0.0 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VU034190.D (-1107) (-)

Ion 72.00 (71.70 to 72.70): VU034190.D (-1107) (-)

Ion 71.00 (70.70 to 71.70): VU034190.D (-1107) (-)

4.65

4.66

4.67

4.68

4.69

4.70

4.71

4.72

4.73

4.74

4.75

4.76

4.77

4.78

4.79

4.80

4.81

4.82

4.83

4.84

4.85

4.86

4.87

4.88

4.89

4.90

4.91

4.92

4.93

4.94

4.95

4.96

4.97

4.98

4.99

5.00

5.01

5.02

5.03

5.04

5.05

5.06

5.07

5.08

5.09

5.10

5.11

5.12

5.13

5.14

5.15

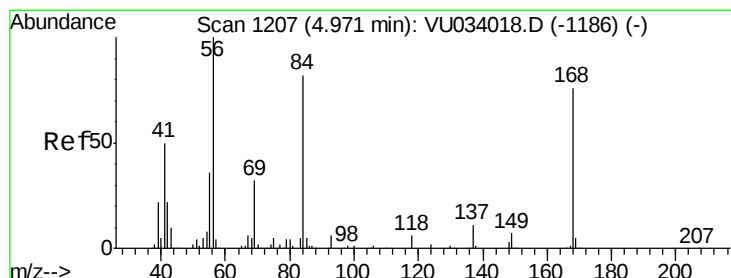
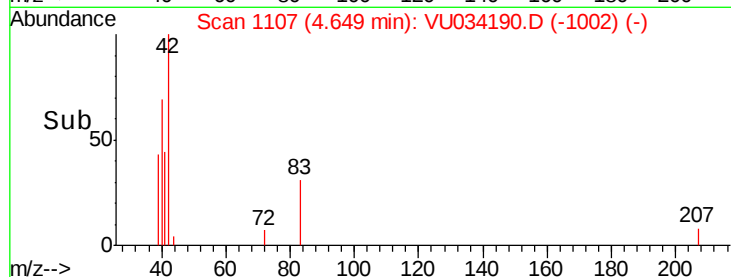
5.16

5.17

5.18

5.19

5.20



#31

Cyclohexane

Concen: 0.927 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

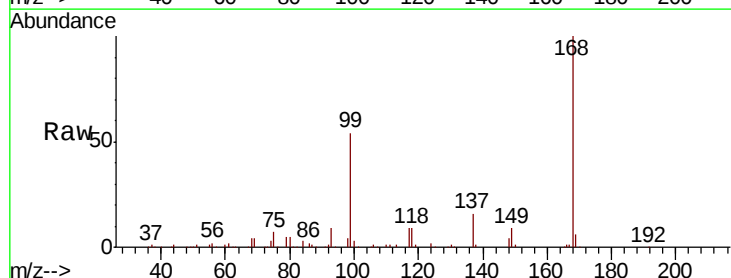
Tgt Ion: 56 Resp: 7562

Ion Ratio Lower Upper

56 100

69 213.7 25.4 38.0#

84 173.3 65.8 98.8#



Abundance Ion 56.00 (55.70 to 56.70): VU034190.D (-1204) (-)

Ion 69.00 (68.70 to 69.70): VU034190.D (-1204) (-)

Ion 84.00 (83.70 to 84.70): VU034190.D (-1204) (-)

4.96

4.97

4.98

4.99

5.00

5.01

5.02

5.03

5.04

5.05

5.06

5.07

5.08

5.09

5.10

5.11

5.12

5.13

5.14

5.15

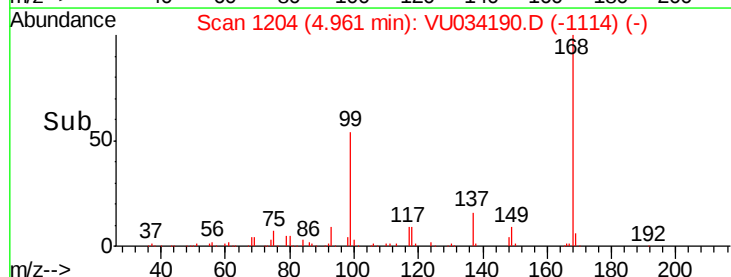
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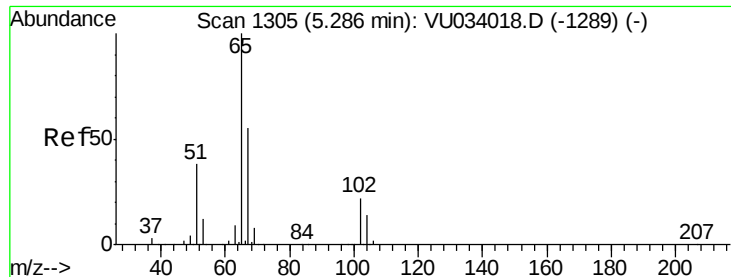
5.17

5.18

5.19

5.20

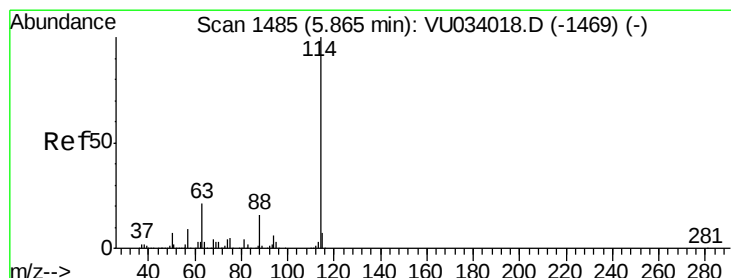
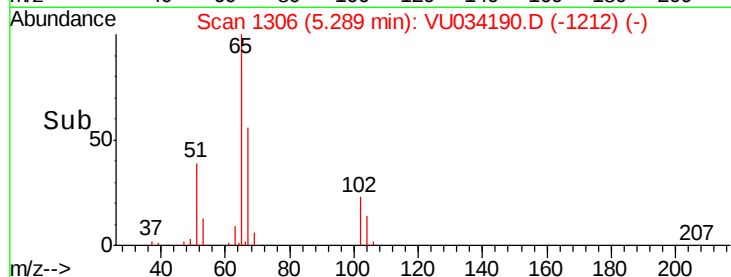
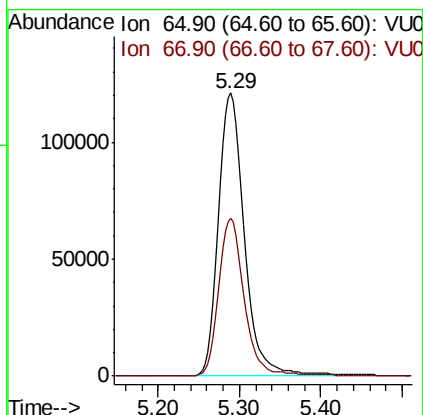
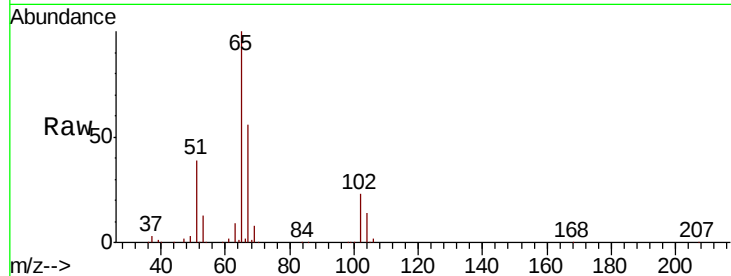




#33
 1,2-Dichloroethane-d4
 Concen: 50.143 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034190.D
 Acq: 02 Sep 2019 10:33

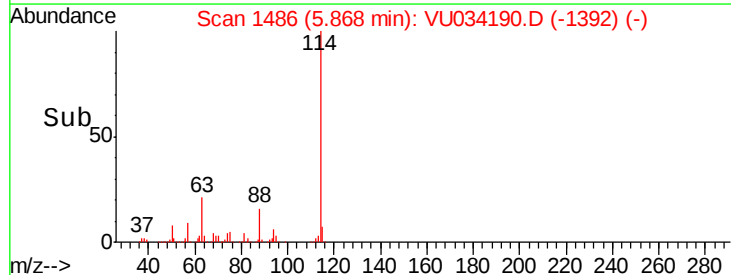
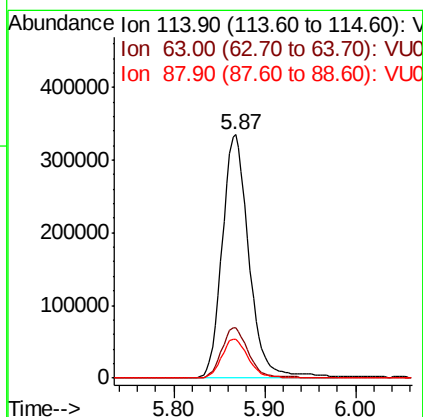
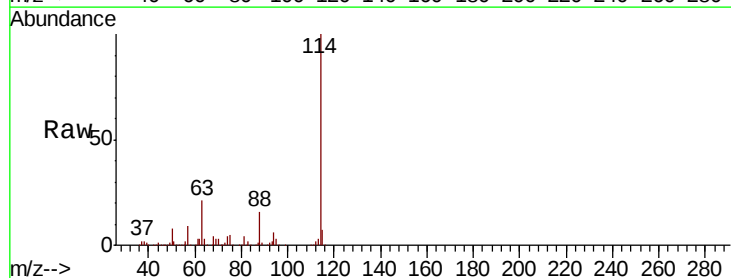
Instrument :
 MSVOA_U
 ClientSampleId :
 PB122725TB

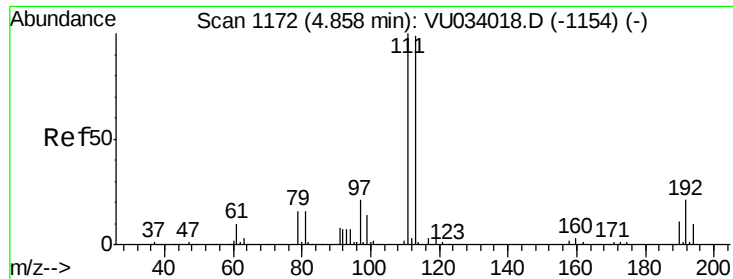
Tgt Ion: 65 Resp: 273803
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034190.D
 Acq: 02 Sep 2019 10:33

Tgt Ion: 114 Resp: 687817
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.0
 88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.171 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

PB122725TB

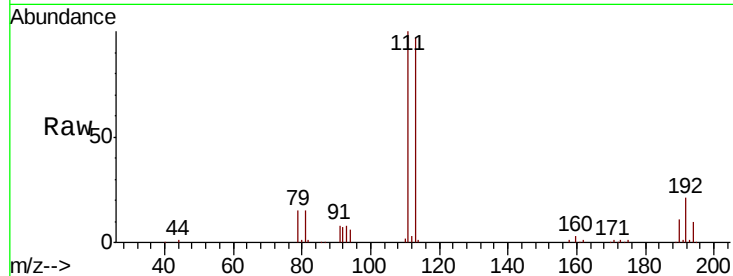
Tgt Ion:113 Resp: 229804

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

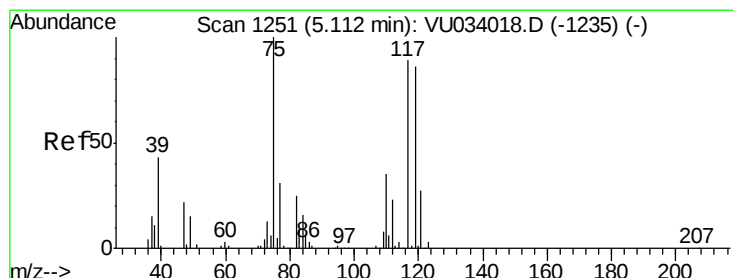
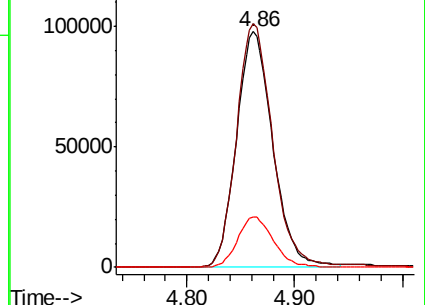
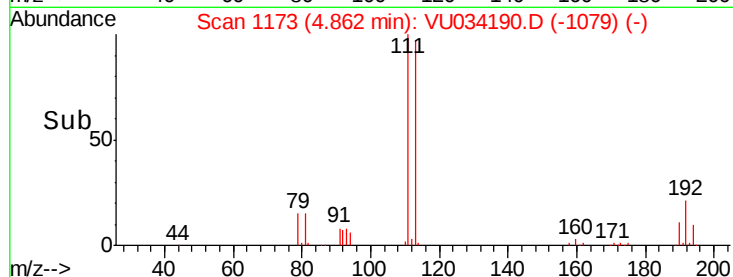
192 21.3 17.1 25.7



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: 4.989 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

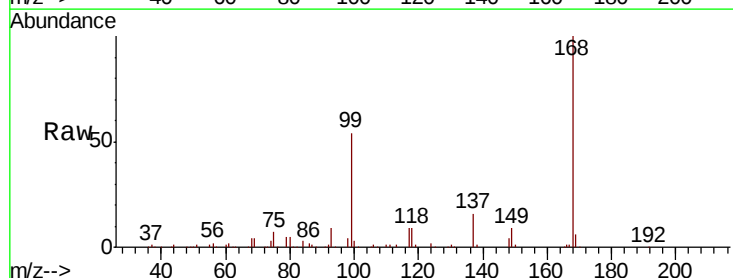
Tgt Ion: 75 Resp: 32459

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.5#

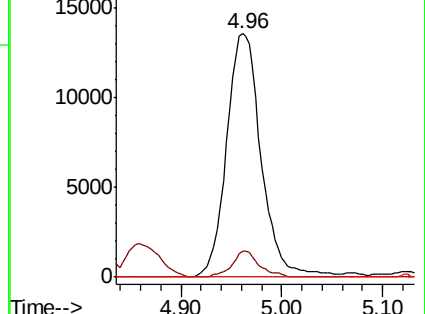
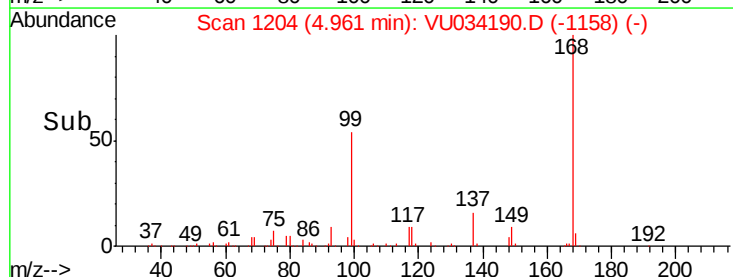
77 0.0 25.0 37.4#

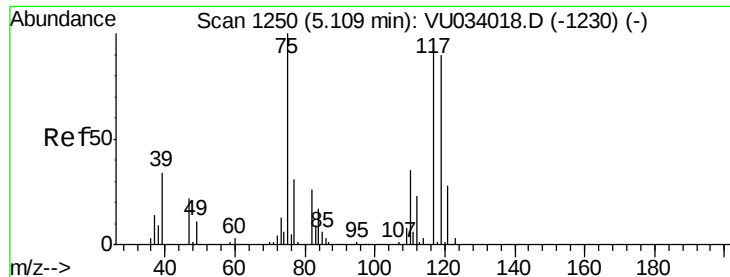


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 6.064 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

PB122725TB

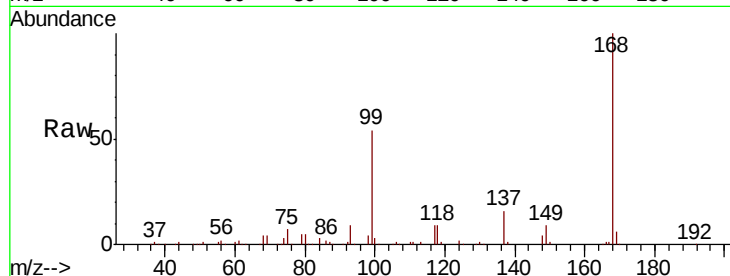
Tgt Ion:117 Resp: 38083

Ion Ratio Lower Upper

117 100

119 7.0 77.0 115.4#

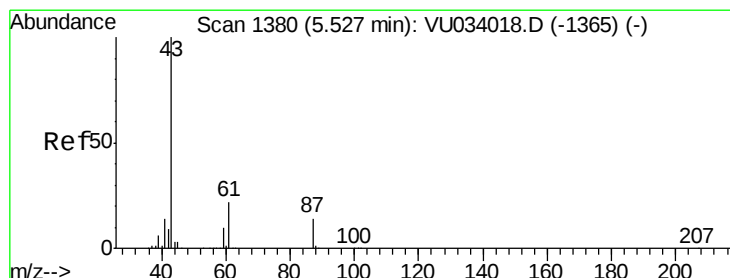
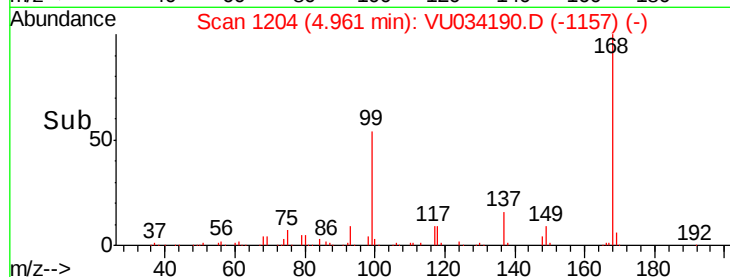
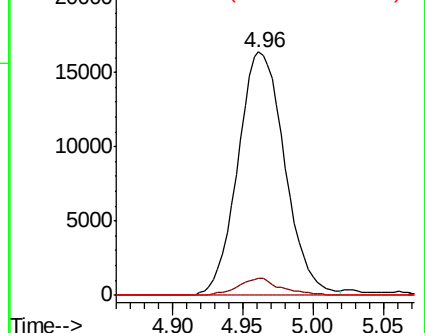
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 8.214 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

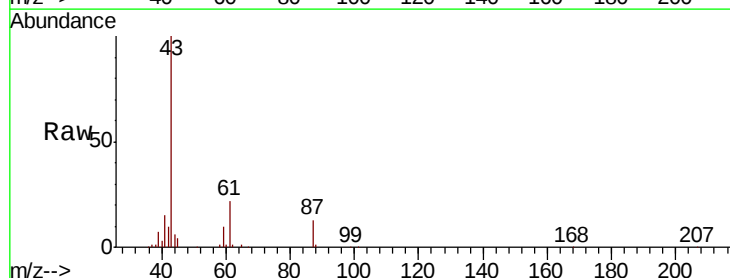
Tgt Ion: 43 Resp: 91042

Ion Ratio Lower Upper

43 100

61 20.8 17.2 25.8

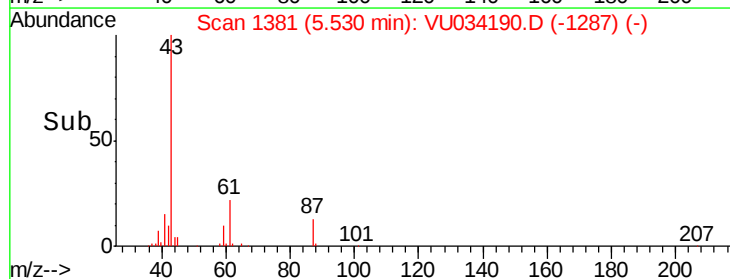
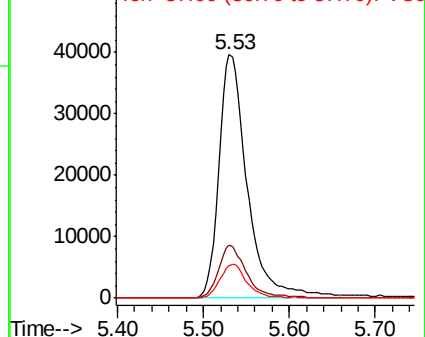
87 13.1 10.8 16.2

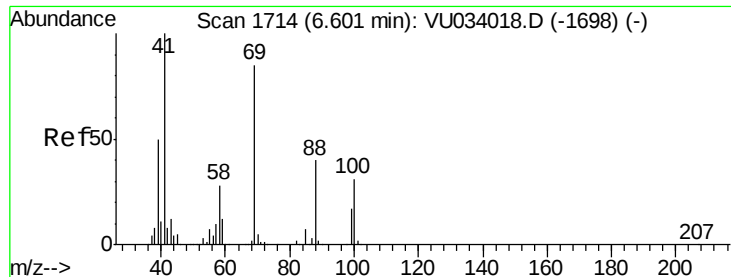


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

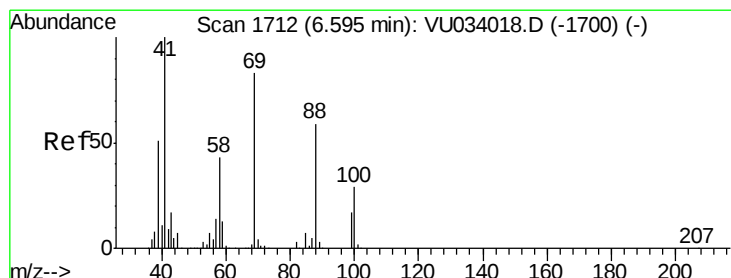
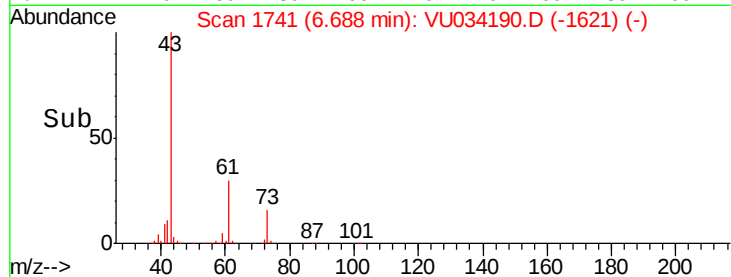
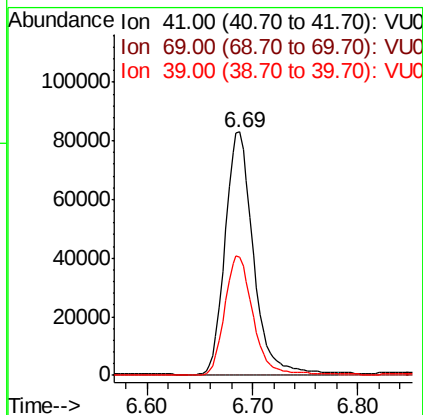
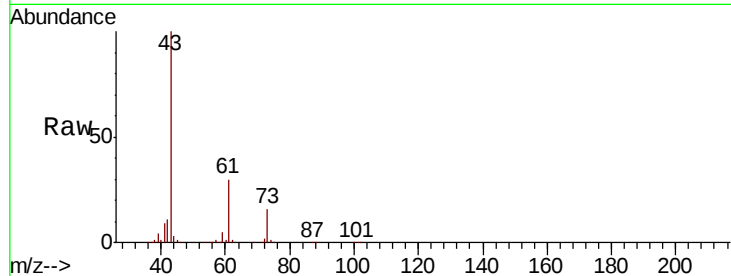




#48
Methyl methacrylate
Concen: 28.811 ug/l
RT: 6.69 min Scan# 1741
Delta R.T. 0.09 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

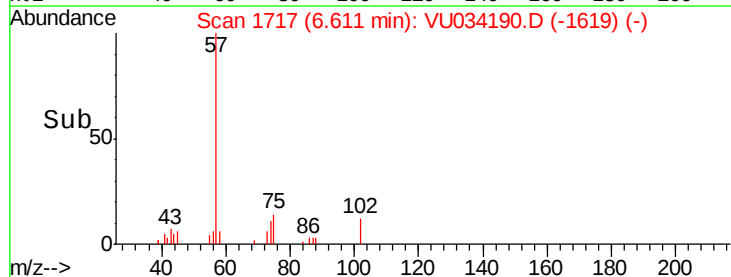
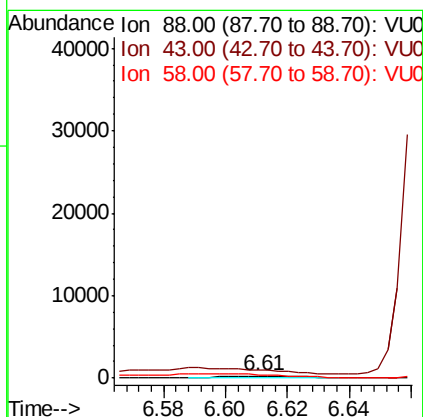
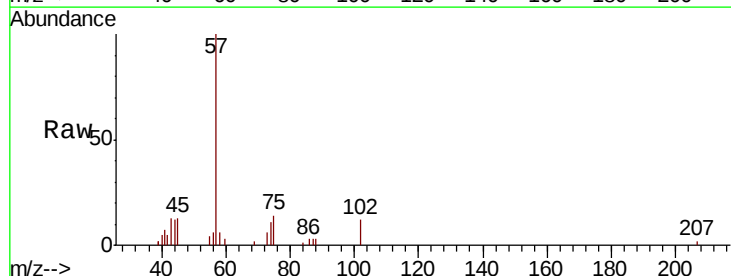
Instrument :
MSVOA_U
ClientSampleId :
PB122725TB

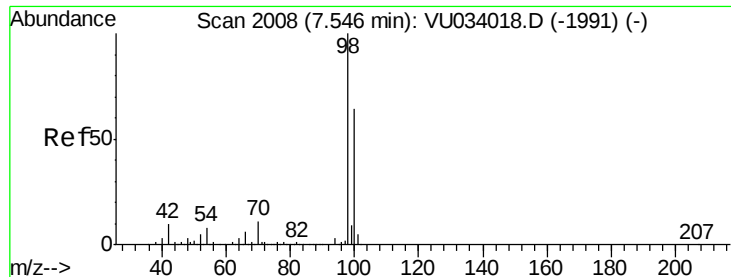
Tgt Ion: 41 Resp: 154091
Ion Ratio Lower Upper
41 100
69 0.1 69.5 104.3#
39 49.3 40.3 60.5



#49
1,4-Dioxane
Concen: 3.089 ug/l
RT: 6.61 min Scan# 1717
Delta R.T. 0.02 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

Tgt Ion: 88 Resp: 414
Ion Ratio Lower Upper
88 100
43 0.0 24.8 37.2#
58 453.9 59.3 88.9#

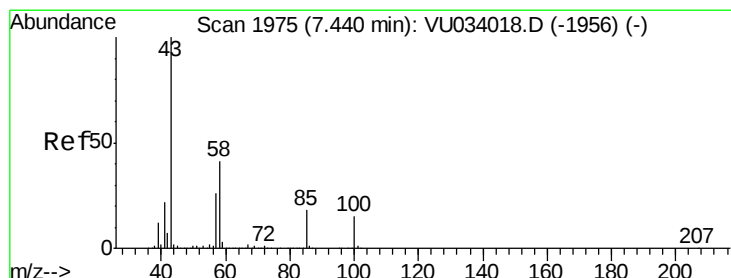
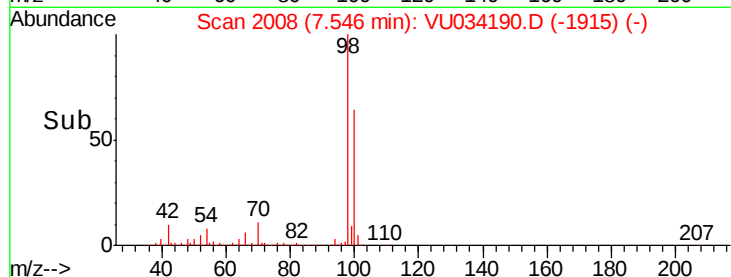
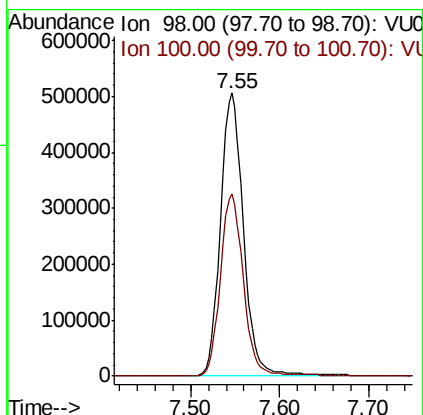
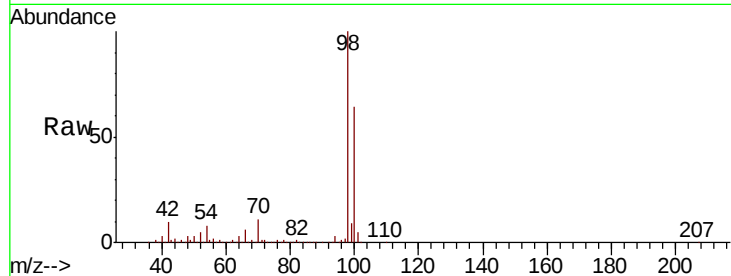




#50
Toluene-d8
Concen: 50.690 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

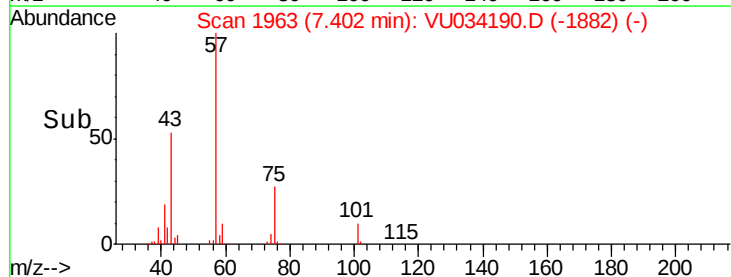
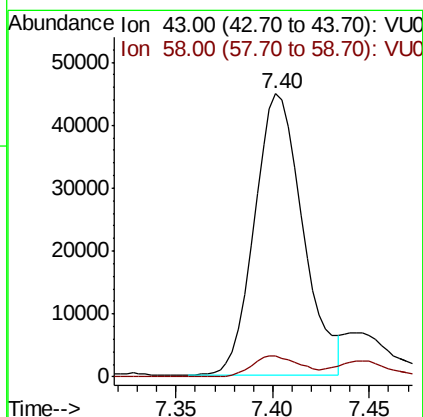
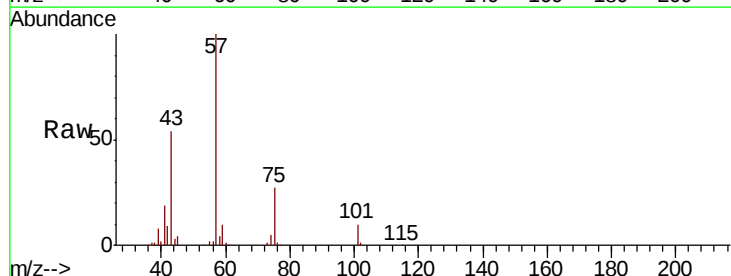
Instrument :
MSVOA_U
ClientSampleId :
PB122725TB

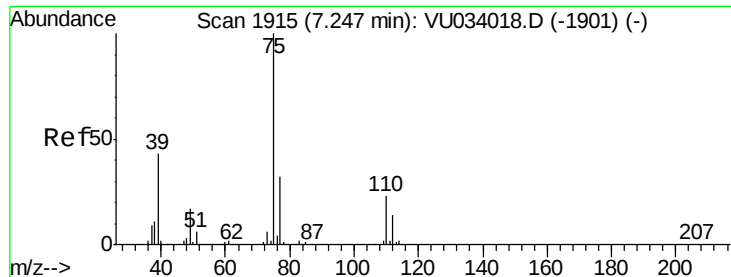
Tgt Ion: 98 Resp: 905471
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 10.139 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

Tgt Ion: 43 Resp: 77609
Ion Ratio Lower Upper
43 100
58 7.6 32.2 48.4#



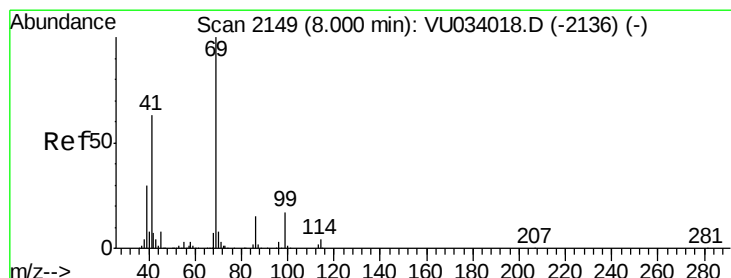
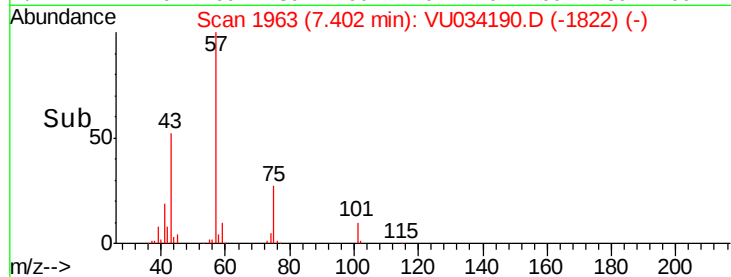
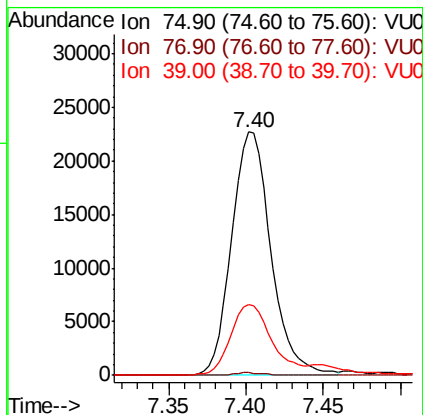
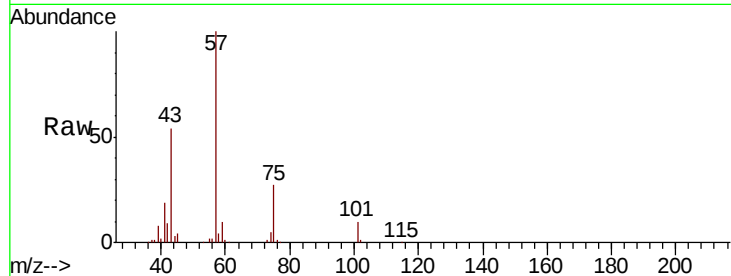


#54

cis-1,3-Dichloropropene
 Concen: 4.845 ug/l
 RT: 7.40 min Scan# 1963
 Delta R.T. 0.15 min
 Lab File: VU034190.D
 Acq: 02 Sep 2019 10:33

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122725TB

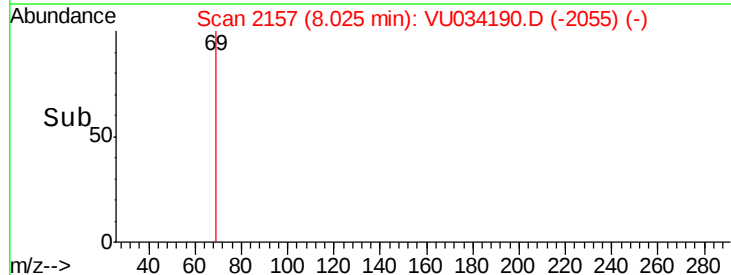
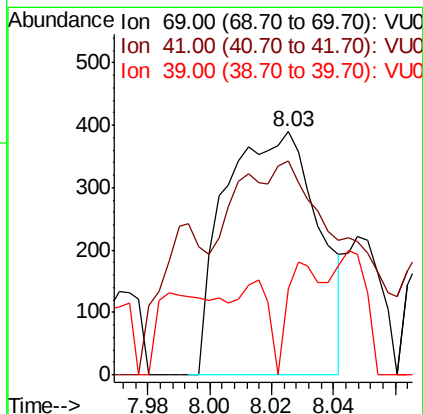
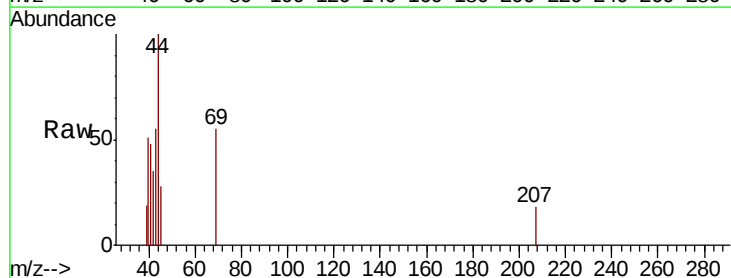
Tgt Ion: 75 Resp: 40115
 Ion Ratio Lower Upper
 75 100
 77 1.0 25.2 37.8#
 39 29.1 34.6 51.8#

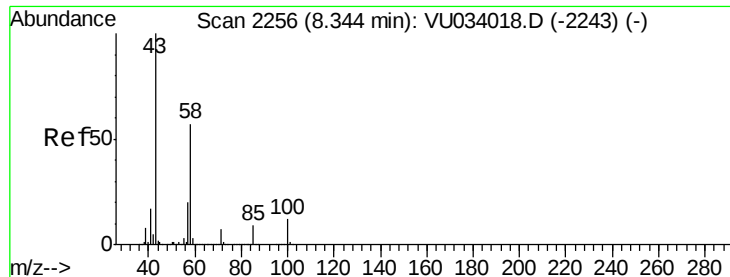


#56

Ethyl methacrylate
 Concen: 1.066 ug/l
 RT: 8.03 min Scan# 2157
 Delta R.T. 0.03 min
 Lab File: VU034190.D
 Acq: 02 Sep 2019 10:33

Tgt Ion: 69 Resp: 821
 Ion Ratio Lower Upper
 69 100
 41 0.0 50.7 76.1#
 39 0.0 24.2 36.2#

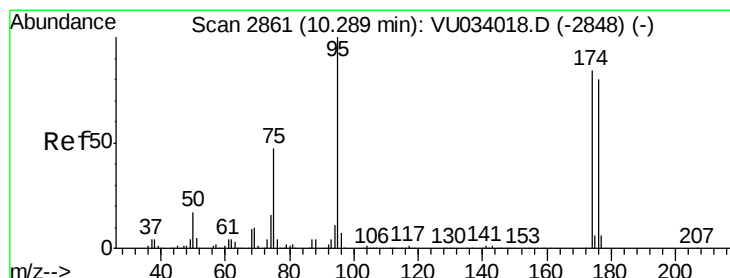
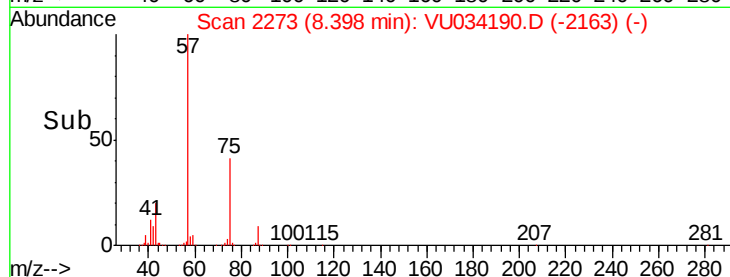
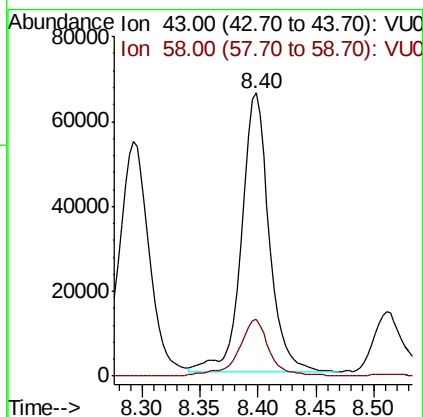
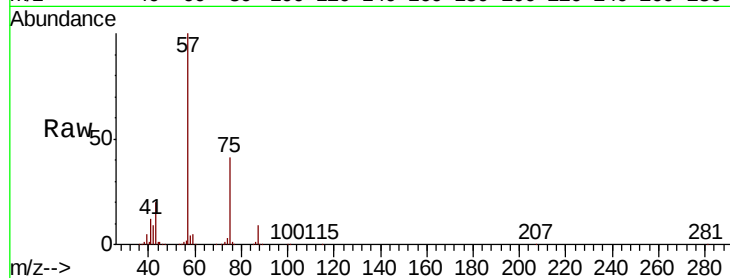




#59
2-Hexanone
Concen: 18.724 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.05 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

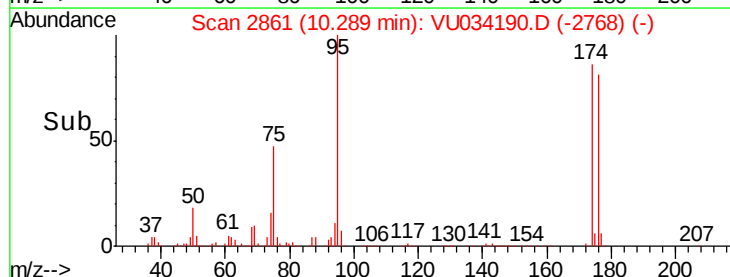
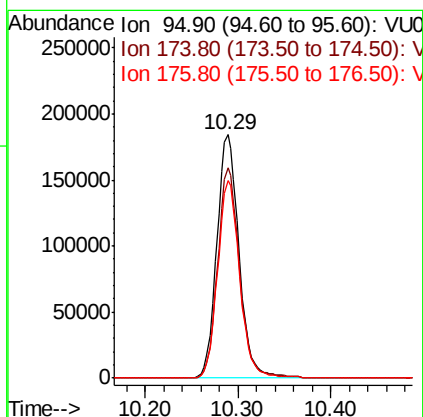
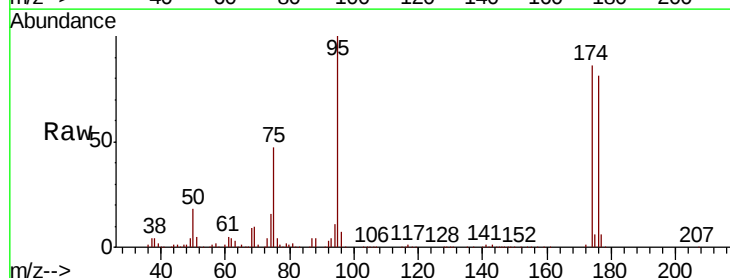
Instrument :
MSVOA_U
ClientSampleId :
PB122725TB

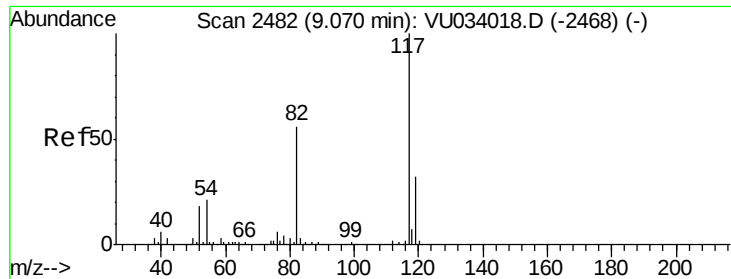
Tgt Ion: 43 Resp: 108197
Ion Ratio Lower Upper
43 100
58 22.8 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 43.934 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

Tgt Ion: 95 Resp: 305275
Ion Ratio Lower Upper
95 100
174 85.7 0.0 168.8
176 81.1 0.0 161.8

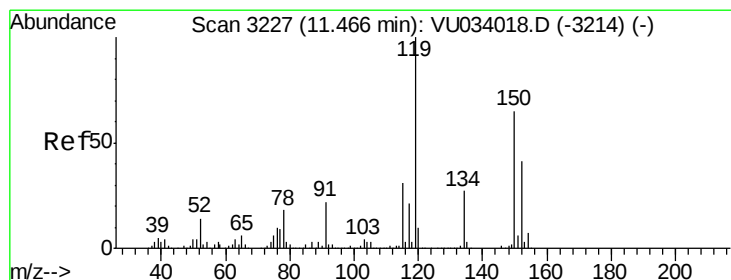
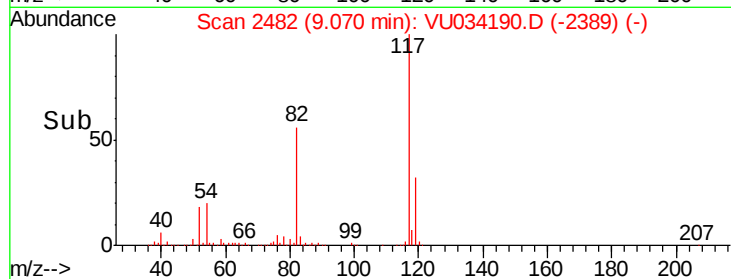
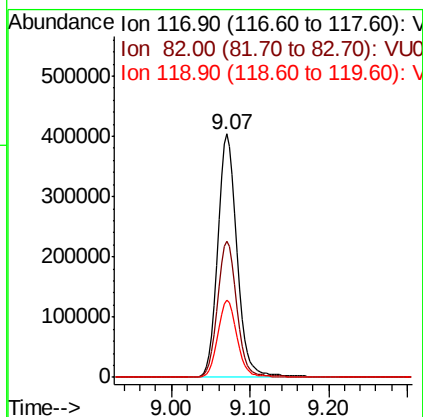
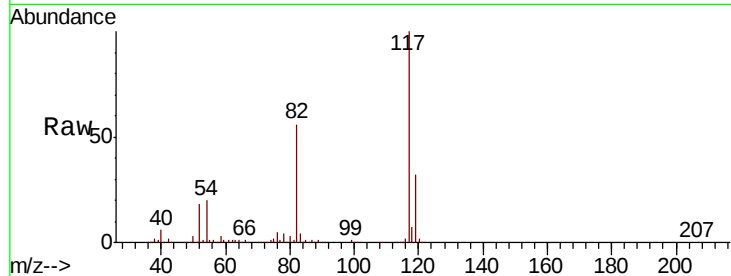




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

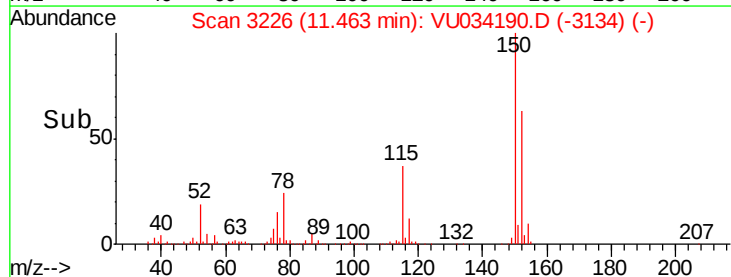
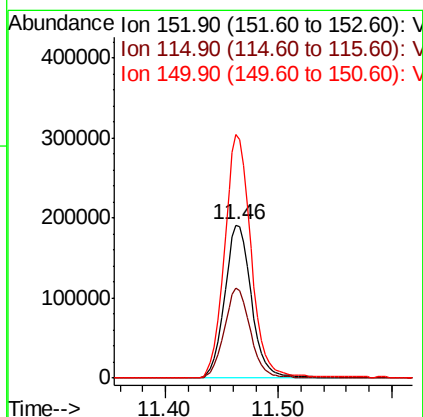
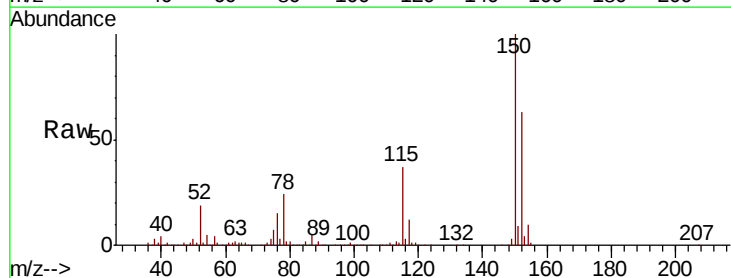
Instrument :
MSVOA_U
ClientSampleId :
PB122725TB

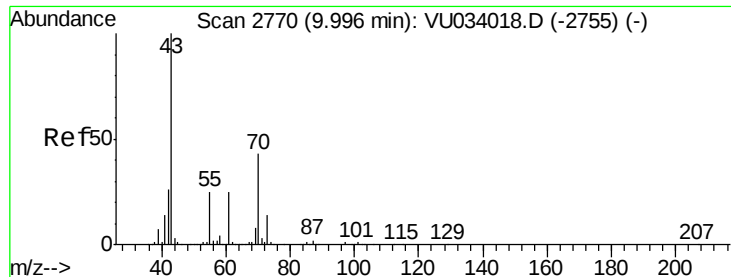
Tgt Ion:117 Resp: 682485
Ion Ratio Lower Upper
117 100
82 56.2 45.1 67.7
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

Tgt Ion:152 Resp: 314879
Ion Ratio Lower Upper
152 100
115 57.6 41.1 123.3
150 157.4 0.0 348.8





#74

N-amyI acetate

Concen: 0.228 ug/l

RT: 10.01 min Scan# 2773

Delta R.T. 0.01 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

PB122725TB

Tgt Ion: 43 Resp: 2027

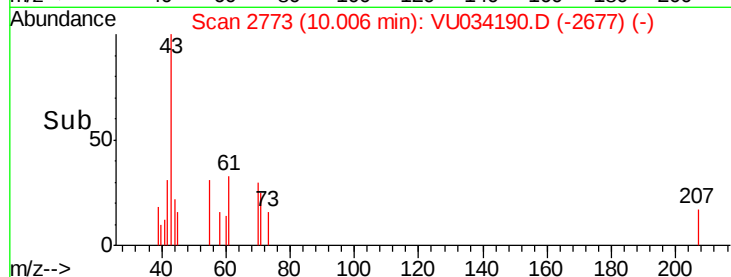
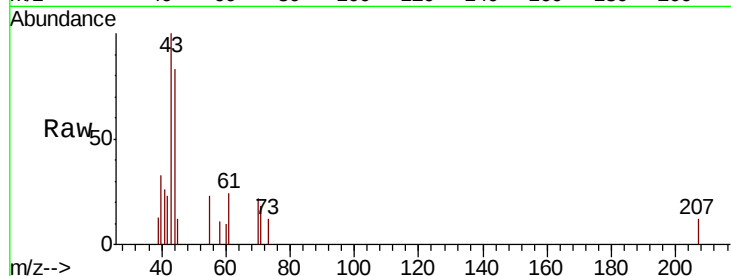
Ion Ratio Lower Upper

43 100

70 31.9 35.2 52.8#

55 28.1 20.5 30.7

61 14.0 20.0 30.0#

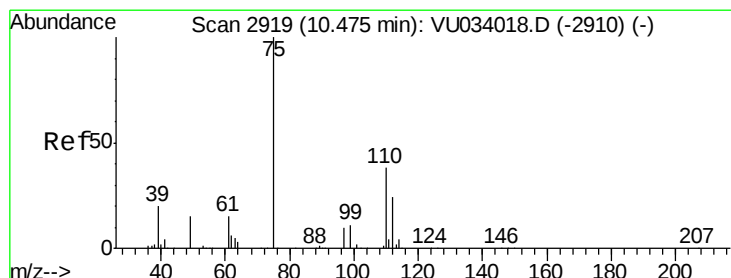
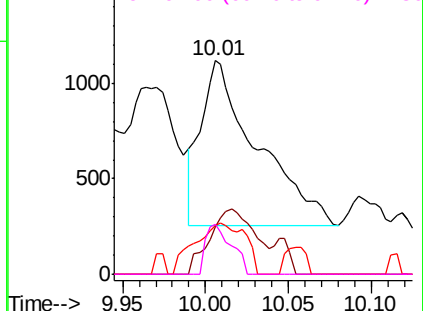


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 20.443 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034190.D

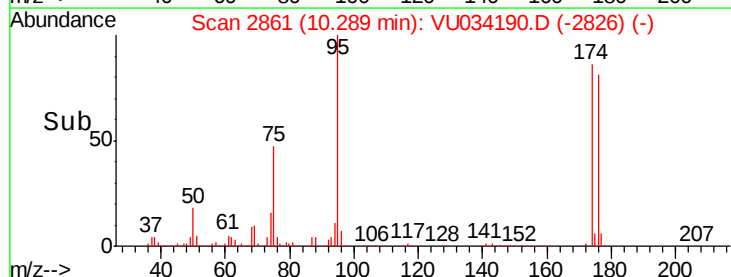
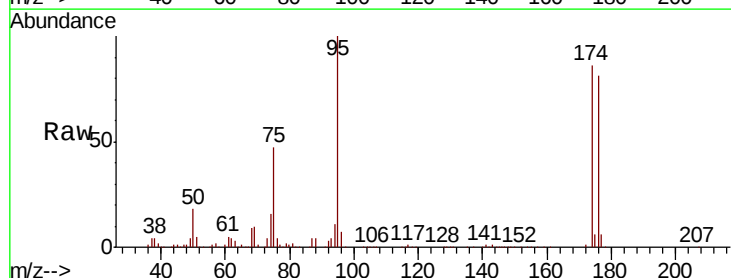
Acq: 02 Sep 2019 10:33

Tgt Ion: 75 Resp: 145078

Ion Ratio Lower Upper

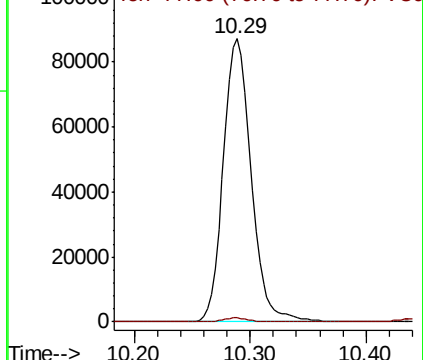
75 100

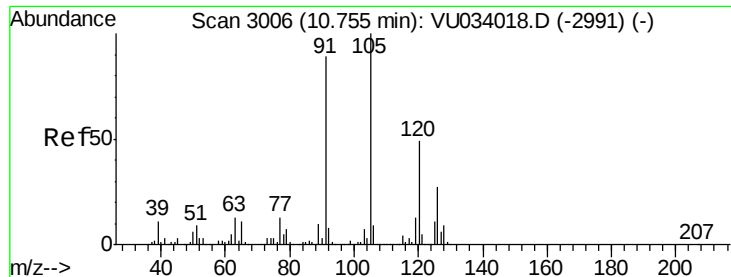
77 1.4 20.1 60.2#



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: 0.643 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

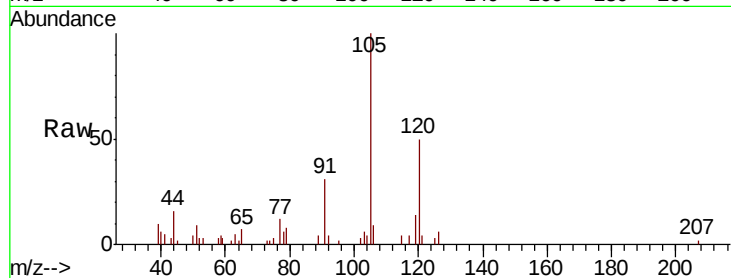
PB122725TB

Tgt Ion:105 Resp: 11524

Ion Ratio Lower Upper

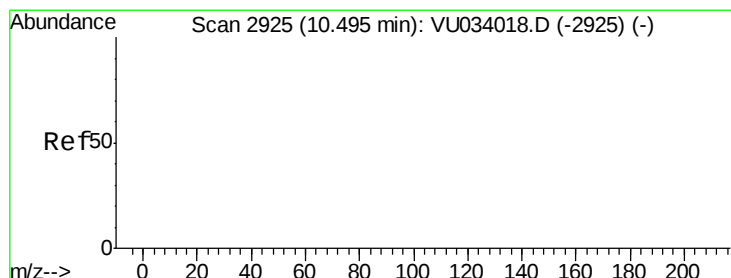
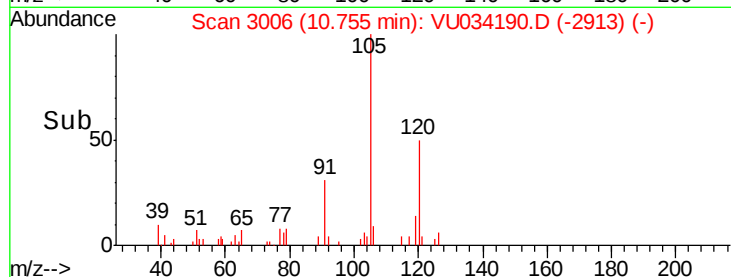
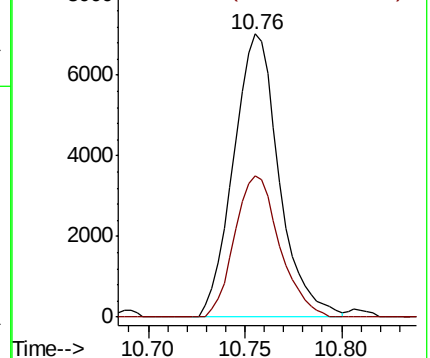
105 100

120 49.1 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 68.835 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.21 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

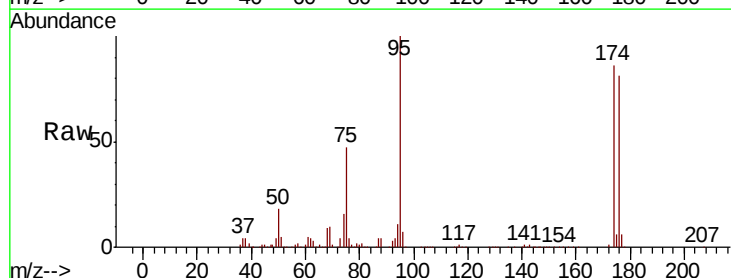
Tgt Ion: 75 Resp: 145078

Ion Ratio Lower Upper

75 100

53 0.2 0.0 0.0#

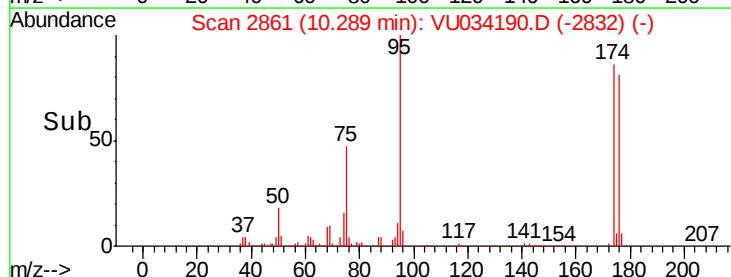
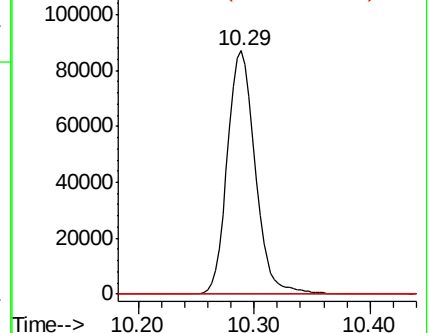
89 0.0 0.0 0.0

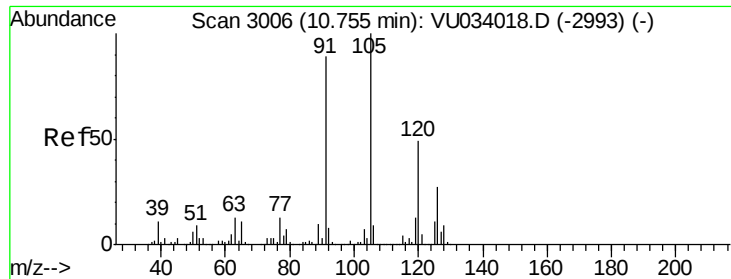


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

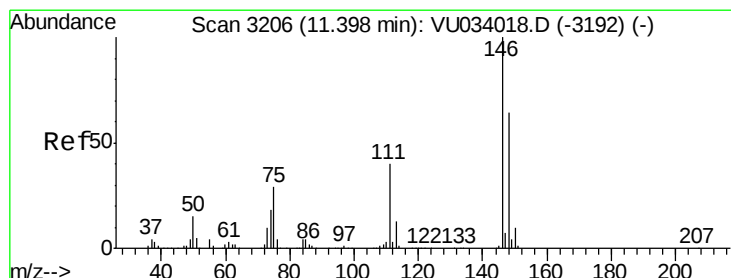
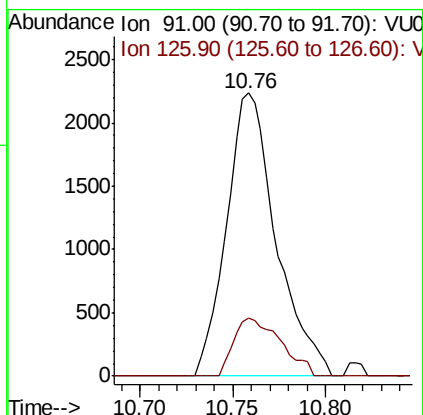
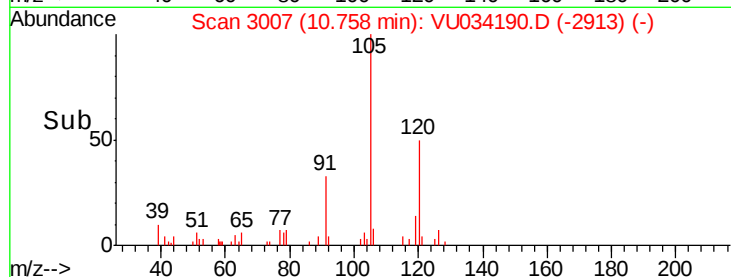
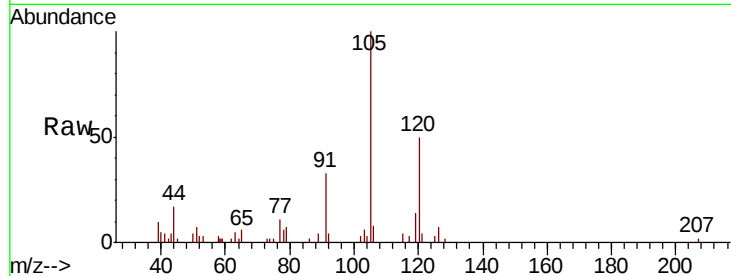




#82
4-Chlorotoluene
Concen: 0.245 ug/l
RT: 10.76 min Scan# 3007
Delta R.T. 0.00 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

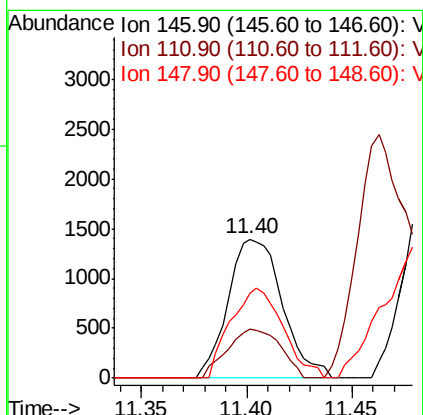
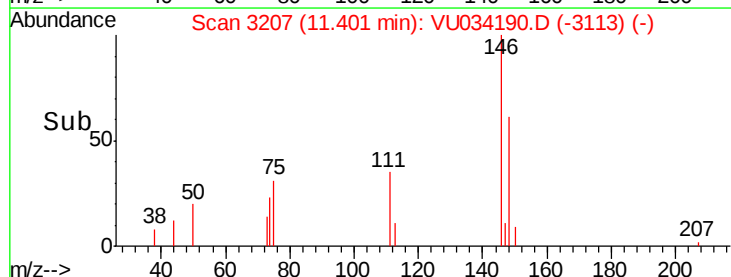
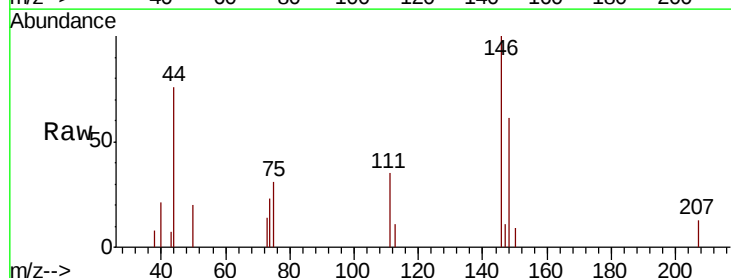
Instrument :
MSVOA_U
ClientSampleId :
PB122725TB

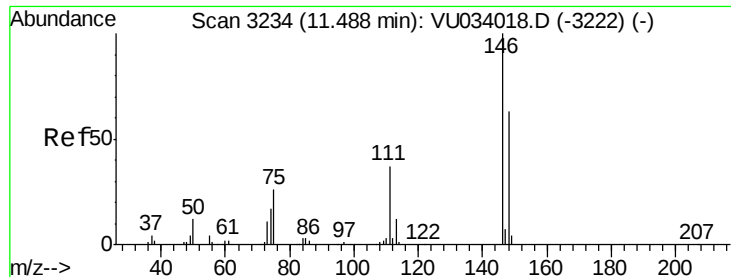
Tgt Ion: 91 Resp: 4159
Ion Ratio Lower Upper
91 100
126 19.4 15.0 45.1



#87
1,3-Dichlorobenzene
Concen: 0.247 ug/l
RT: 11.40 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU034190.D
Acq: 02 Sep 2019 10:33

Tgt Ion: 146 Resp: 2489
Ion Ratio Lower Upper
146 100
111 34.7 19.9 59.6
148 62.3 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 0.244 ug/l

RT: 11.40 min Scan# 3207

Delta R.T. -0.09 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

PB122725TB

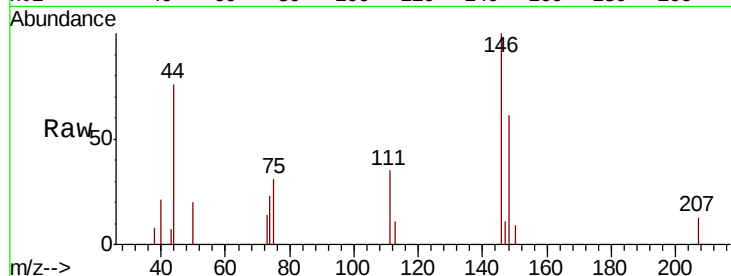
Tgt Ion:146 Resp: 2489

Ion Ratio Lower Upper

146 100

111 34.7 19.2 57.6

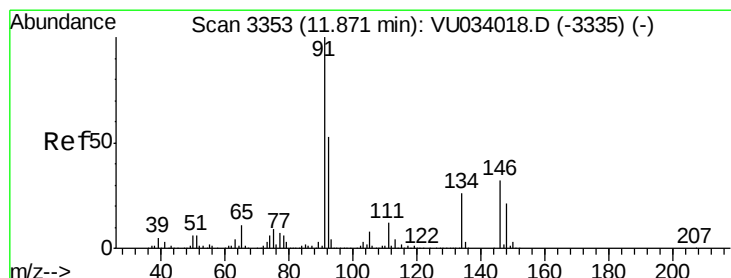
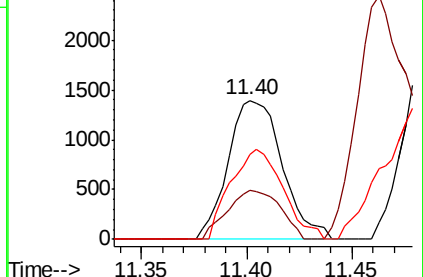
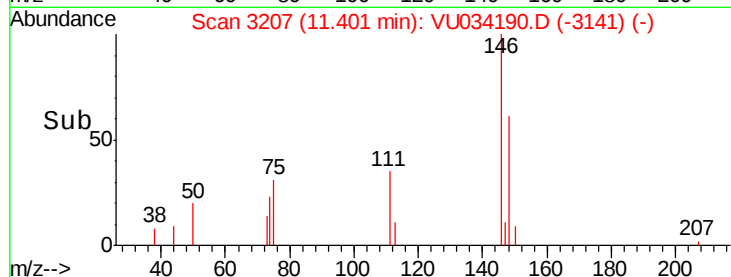
148 62.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.252 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.01 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

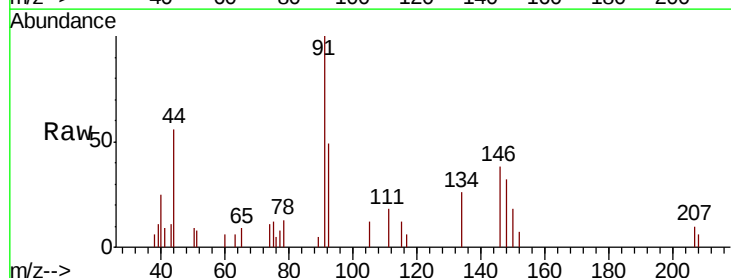
Tgt Ion: 91 Resp: 4257

Ion Ratio Lower Upper

91 100

92 45.9 26.3 78.9

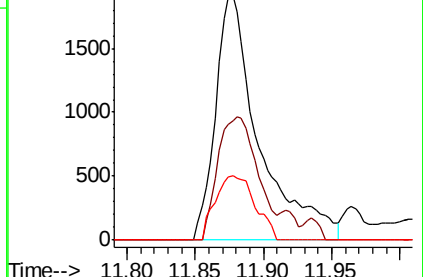
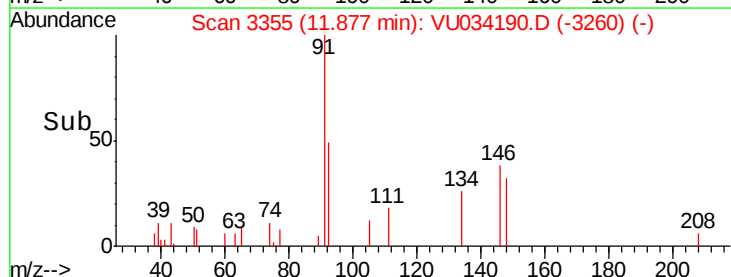
134 23.9 12.9 38.7

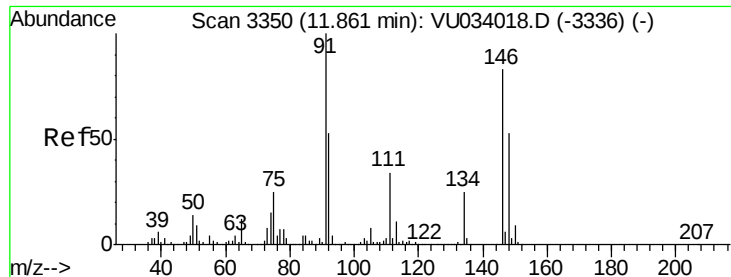


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.234 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

PB122725TB

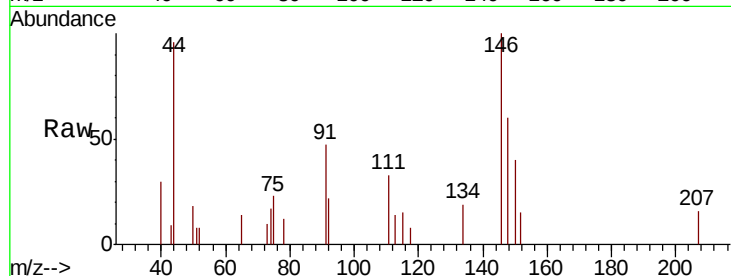
Tgt Ion:146 Resp: 2258

Ion Ratio Lower Upper

146 100

111 36.8 20.4 61.2

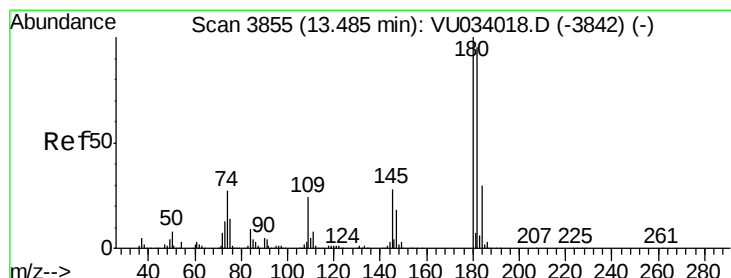
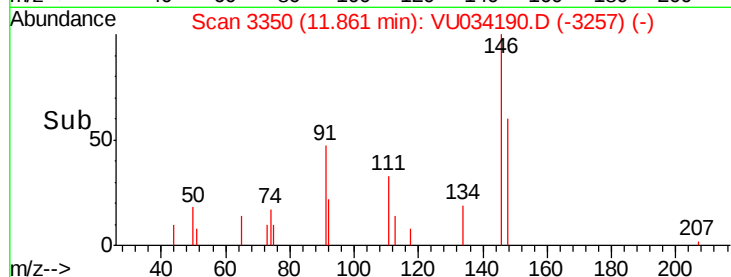
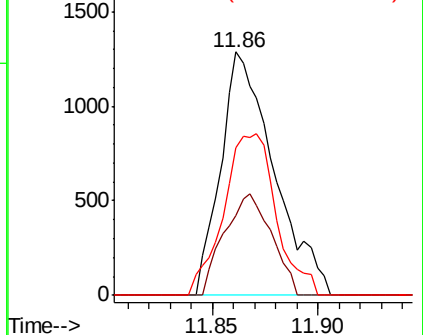
148 65.2 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 1.382 ug/l

RT: 13.50 min Scan# 3861

Delta R.T. 0.02 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

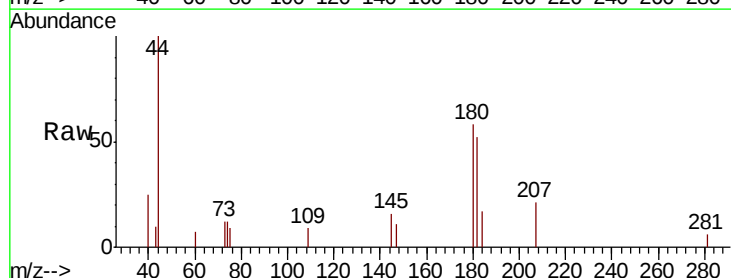
Tgt Ion:180 Resp: 1883

Ion Ratio Lower Upper

180 100

182 126.3 47.4 142.2

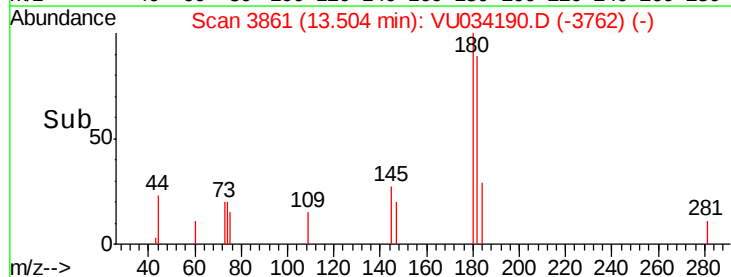
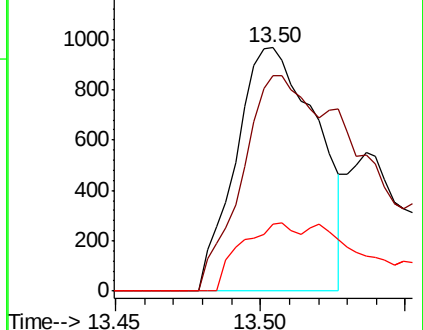
145 19.9 14.1 42.3

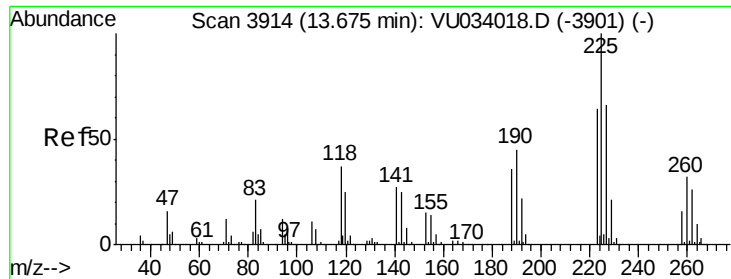


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.415 ug/l

RT: 13.67 min Scan# 3914

Delta R.T. -0.00 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

Instrument :

MSVOA_U

ClientSampleId :

PB122725TB

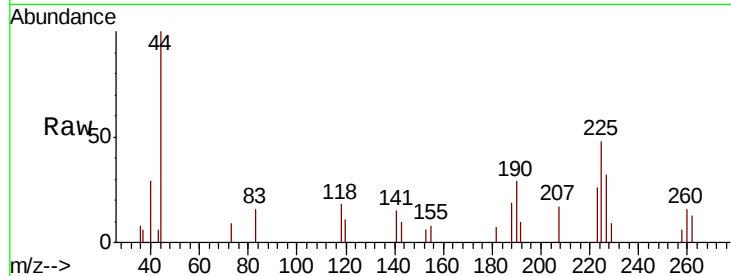
Tgt Ion:225 Resp: 1566

Ion Ratio Lower Upper

225 100

223 52.4 31.8 95.3

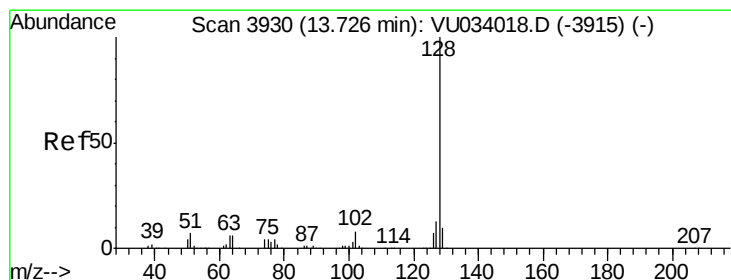
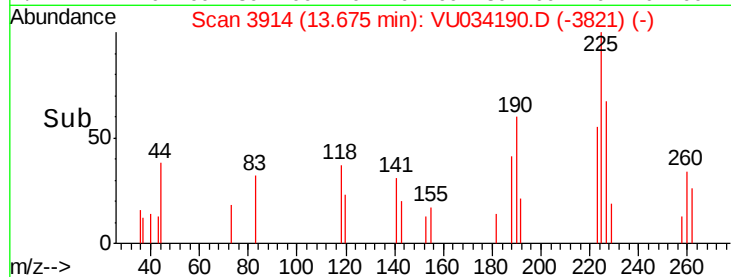
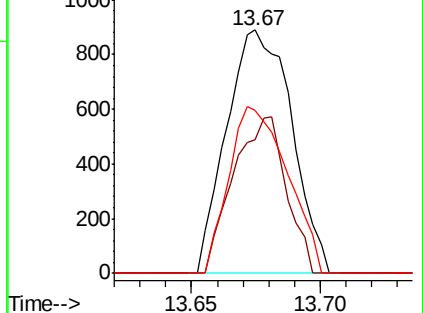
227 61.7 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.306 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.02 min

Lab File: VU034190.D

Acq: 02 Sep 2019 10:33

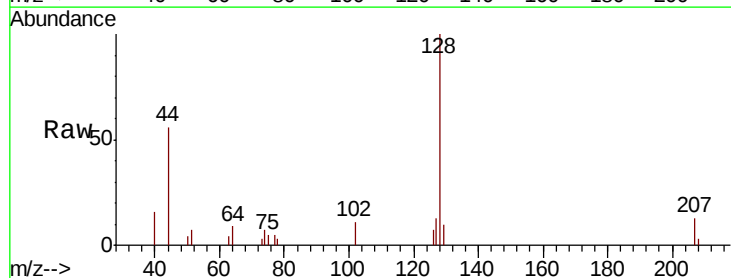
Tgt Ion:128 Resp: 10520

Ion Ratio Lower Upper

128 100

127 8.2 10.2 15.4#

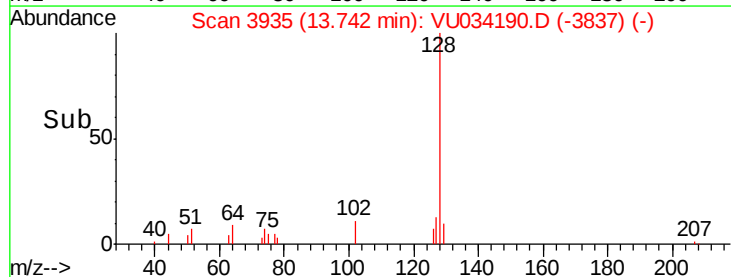
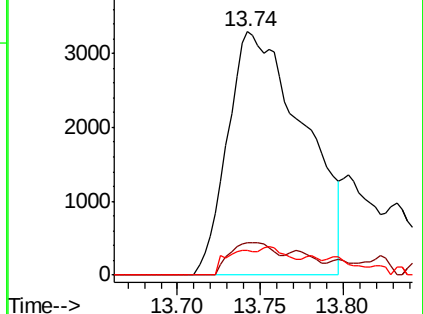
129 3.8 8.4 12.6#

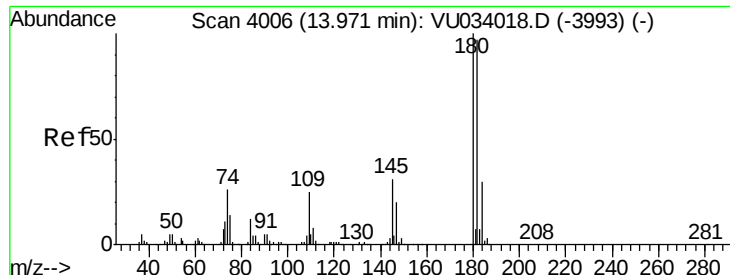


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.549 ug/l
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.02 min
 Lab File: VU034190.D
 Acq: 02 Sep 2019 10:33

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122725TB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	106.5	48.2	144.6
145	26.9	15.5	46.5

