

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100418\
 Data File : VU027410.D
 Acq On : 04 Oct 2018 15:52
 Operator : MD/SY
 Sample : J5194-01
 Misc : 6.51g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HR-06-100218-A

Quant Time: Oct 05 03:15:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	102428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	176585	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	183431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	113173	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	98894	57.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.64%	
35) Dibromofluoromethane	4.88	113	69314	57.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.56%	
50) Toluene-d8	7.57	98	278099	61.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.80%	
62) 4-Bromofluorobenzene	10.31	95	121938	72.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.88%	

Target Compounds

						Qvalue
5) Bromomethane	1.60	94	588	0.723	ug/l	81
11) Tert butyl alcohol	2.83	59	1587	4.406	ug/l #	72
16) Acetone	2.35	43	466	0.461	ug/l #	44
18) Methyl Acetate	2.63	43	5410	2.347	ug/l #	85
20) Methylene Chloride	2.68	84	342	0.243	ug/l #	75
25) 2-Butanone	4.31	43	563	0.409	ug/l #	54
31) Cyclohexane	4.97	56	2660	0.735	ug/l #	1
36) 1,1-Dichloropropene	4.97	75	10142	5.290	ug/l #	49
38) Carbon Tetrachloride	4.98	117	10577	6.107	ug/l #	17
39) Methylcyclohexane	6.41	83	2713	1.210	ug/l	96
40) Benzene	5.39	78	1156	0.207	ug/l #	51
51) 4-Methyl-2-Pentanone	7.52	43	501	0.200	ug/l #	38
52) Toluene	7.64	92	7010	2.121	ug/l	98
53) t-1,3-Dichloropropene	7.81	75	467	0.211	ug/l #	43
55) 1,1,2-Trichloroethane	8.04	97	4483	3.420	ug/l #	17
56) Ethyl methacrylate	8.04	69	1184	2.722	ug/l #	1
59) 2-Hexanone	8.33	43	15606	8.045	ug/l #	30
67) Ethyl Benzene	9.25	91	35000	5.116	ug/l	100
68) m/p-Xylenes	9.38	106	34513	13.793	ug/l	100
69) o-Xylene	9.78	106	56742	23.863	ug/l	100
70) Styrene	9.78	104	3154	2.976	ug/l #	1
73) Isopropylbenzene	10.17	105	26166	3.183	ug/l	99
74) N-amyl acetate	10.01	43	12500	2.656	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	10.46	83	14239	4.412	ug/l #	46
76) 1,2,3-Trichloropropane	10.31	75	63730	21.723	ug/l #	39
78) n-propylbenzene	10.59	91	100418	10.167	ug/l	99
79) 2-Chlorotoluene	10.68	91	30713	5.150	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	272368	40.701	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.68	75	1926	1.718	ug/l #	100
82) 4-Chlorotoluene	10.77	91	31626	4.673	ug/l #	50
83) tert-Butylbenzene	11.10	119	3517	0.544	ug/l	89
84) 1,2,4-Trimethylbenzene	11.15	105	376627	55.096	ug/l	99
85) sec-Butylbenzene	11.33	105	100778	12.363	ug/l	99
86) p-Isopropyltoluene	11.48	119	72657	10.411	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

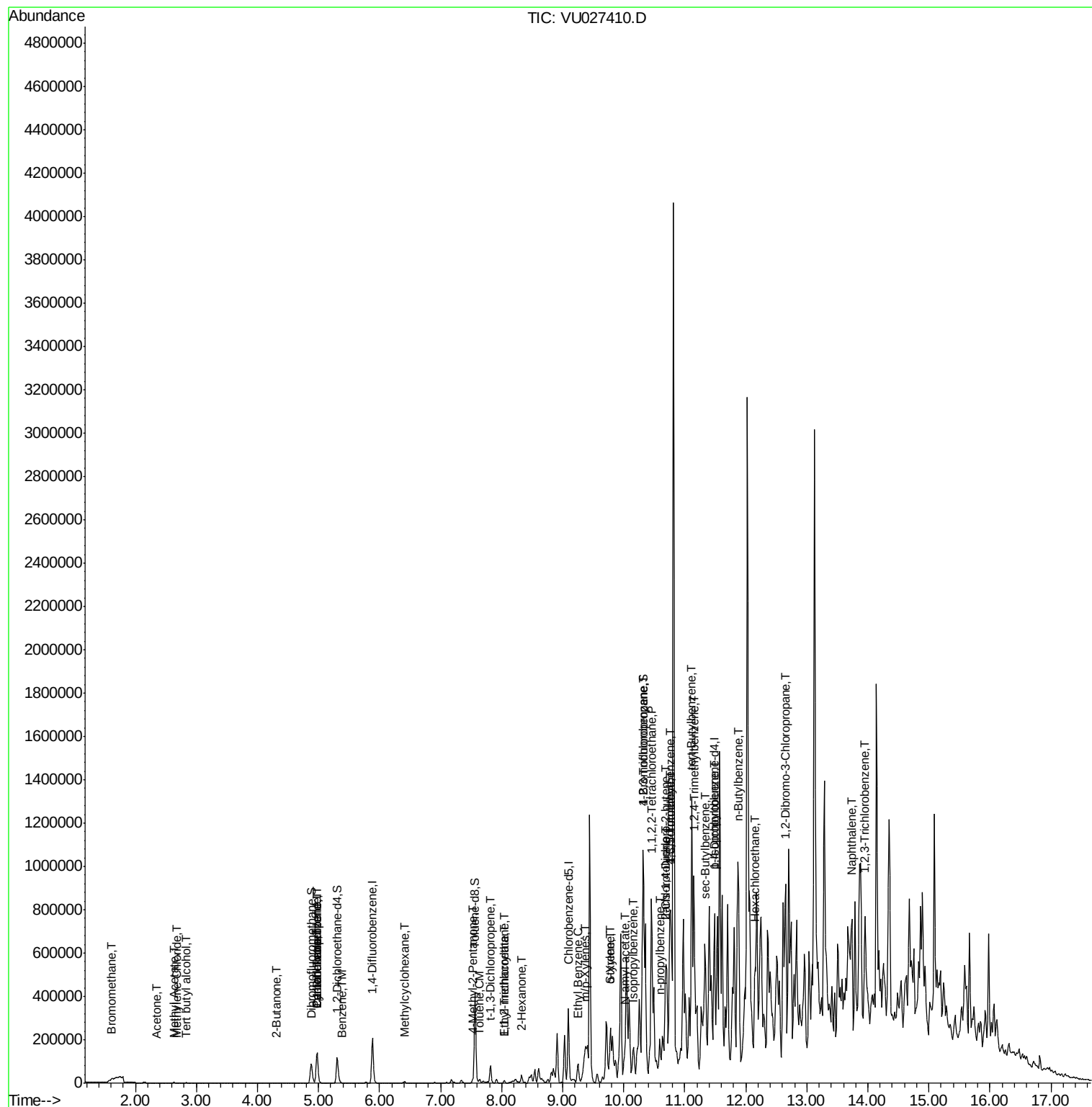
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	11.89	91	171275	24.174	ug/l #	43
90) Hexachloroethane	12.15	117	17412	13.236	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.65	75	1689	2.361	ug/l #	31
95) Naphthalene	13.74	128	24282	4.404	ug/l #	73
96) 1,2,3-Trichlorobenzene	13.94	180	2990	1.260	ug/l #	1

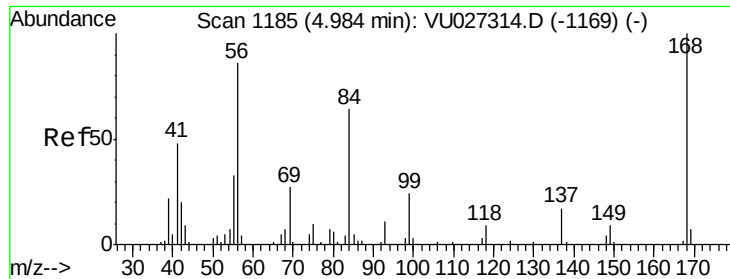
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

Instrument :

MSVOA_U

ClientSampleId :

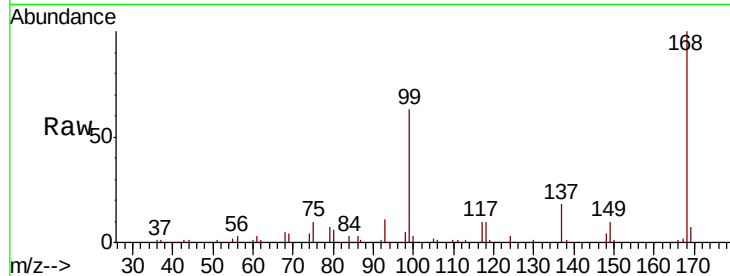
HR-06-100218-A

Tgt Ion:168 Resp: 102428

Ion Ratio Lower Upper

168 100

99 62.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027410.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027410.D (-1169) (-)

4.98

50000

40000

30000

20000

10000

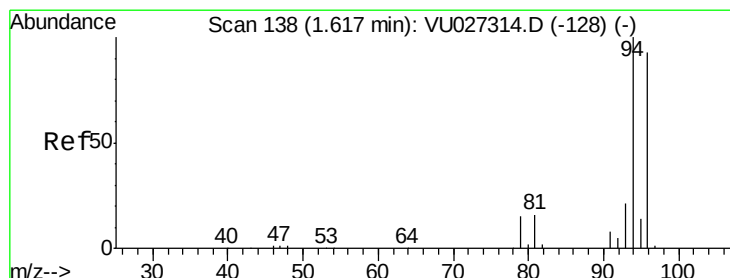
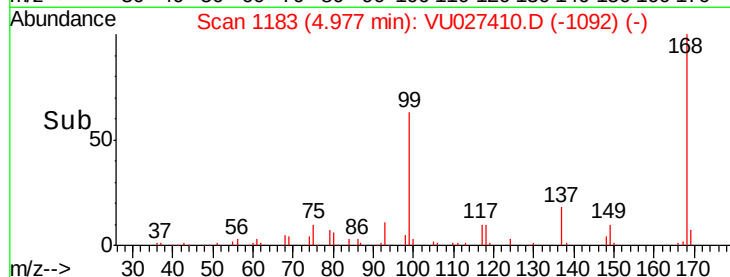
0

4.90

5.00

5.10

Time-->



#5

Bromomethane

Concen: 0.723 ug/l

RT: 1.60 min Scan# 132

Delta R.T. -0.02 min

Lab File: VU027410.D

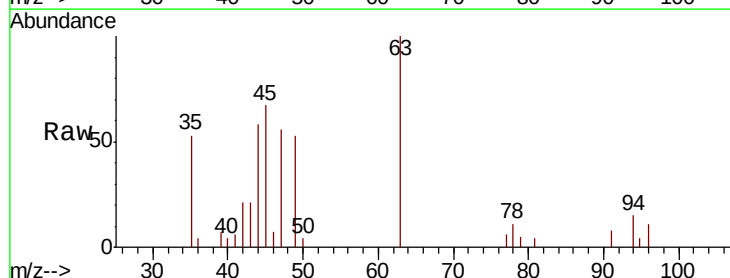
Acq: 04 Oct 2018 15:52

Tgt Ion: 94 Resp: 588

Ion Ratio Lower Upper

94 100

96 74.7 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VU027410.D (-128) (-)

Ion 95.90 (95.60 to 96.60): VU027410.D (-128) (-)

1.60

500

400

300

200

100

0

1.56

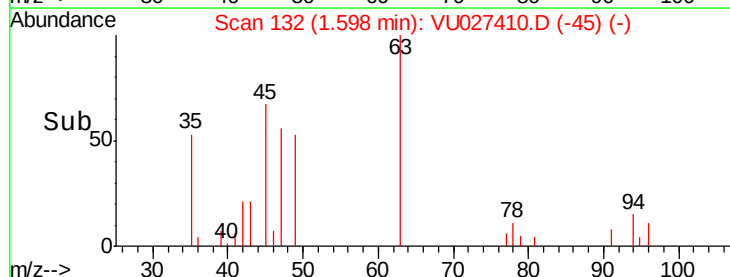
1.58

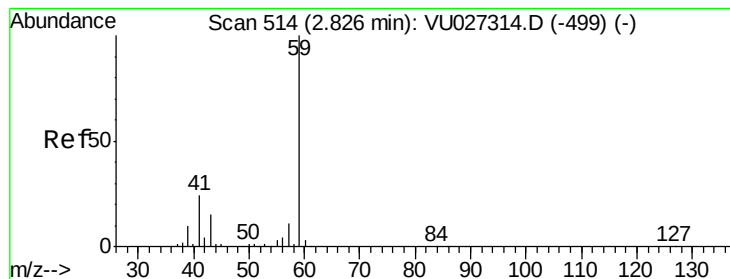
1.60

1.62

1.64

Time-->



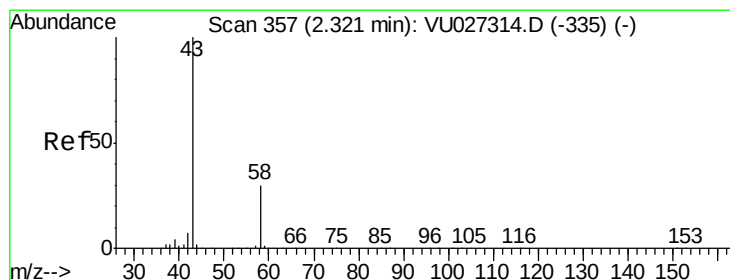
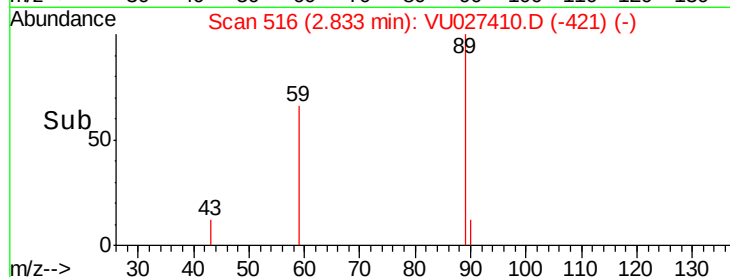
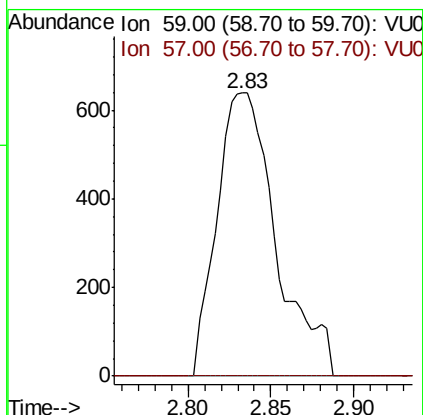
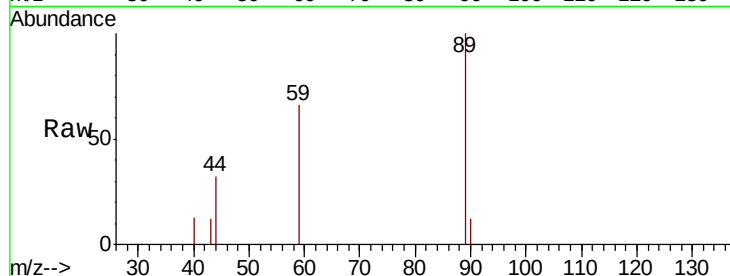


#11

Tert butyl alcohol
 Concen: 4.406 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.01 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 HR-06-100218-A

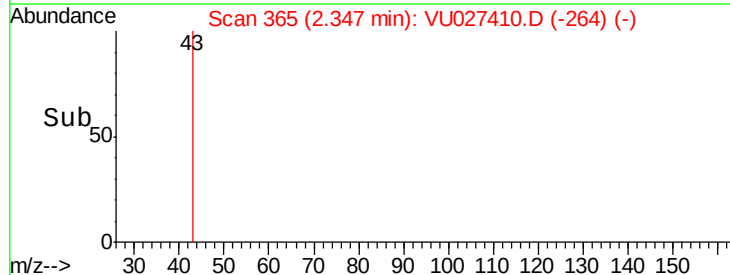
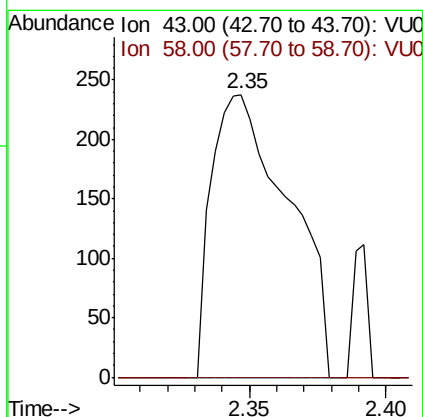
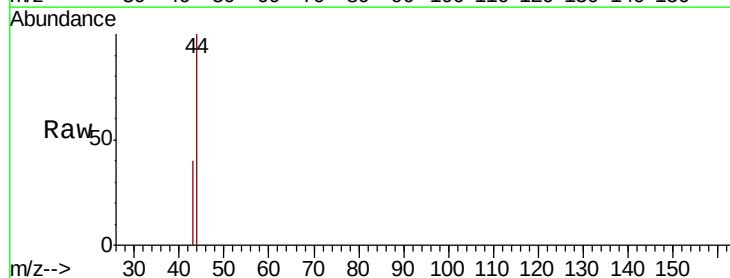
Tgt Ion: 59 Resp: 1587
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

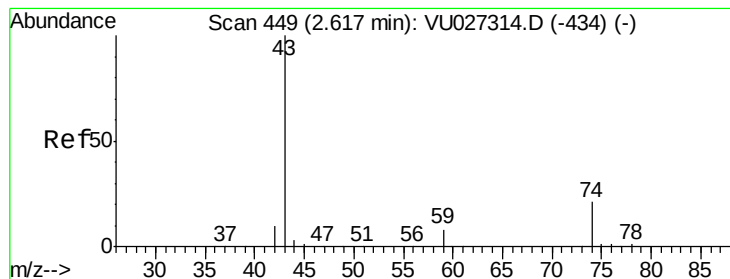


#16

Acetone
 Concen: 0.461 ug/l
 RT: 2.35 min Scan# 365
 Delta R.T. 0.03 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

Tgt Ion: 43 Resp: 466
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.2 36.4#





#18

Methyl Acetate

Concen: 2.347 ug/l

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

Instrument :

MSVOA_U

ClientSampleId :

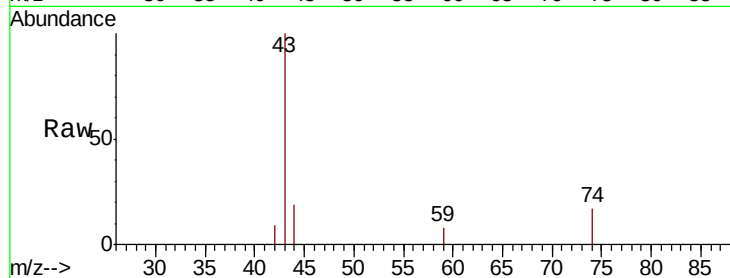
HR-06-100218-A

Tgt Ion: 43 Resp: 5410

Ion Ratio Lower Upper

43 100

74 13.6 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.63

2500

2000

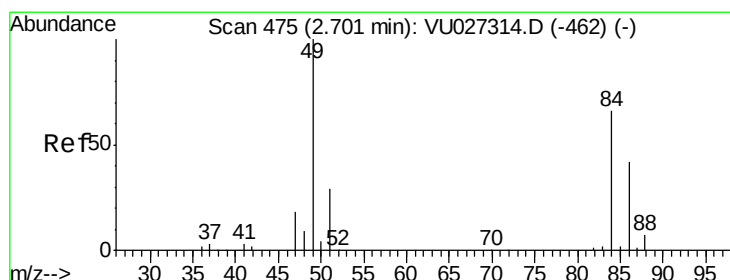
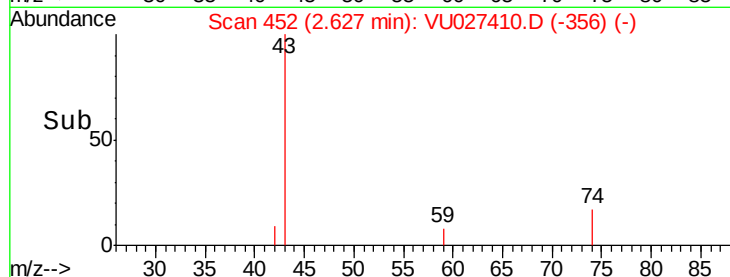
1500

1000

500

0

Time-->



#20

Methylene Chloride

Concen: 0.243 ug/l

RT: 2.68 min Scan# 468

Delta R.T. -0.02 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

Tgt Ion: 84 Resp: 342

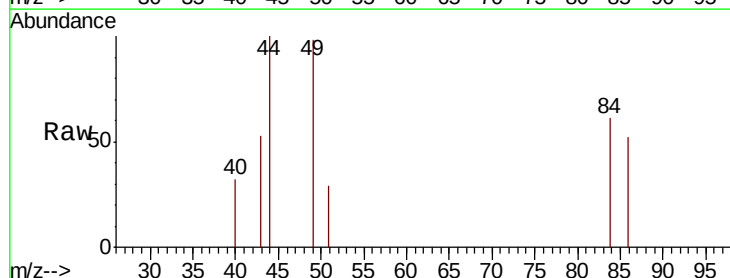
Ion Ratio Lower Upper

84 100

49 113.6 120.5 180.7#

51 46.8 35.1 52.7

86 85.5 50.5 75.7#



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

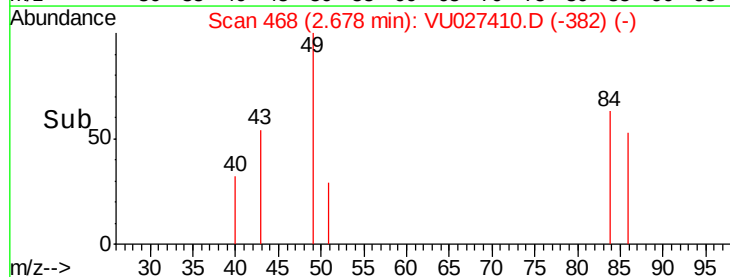
600

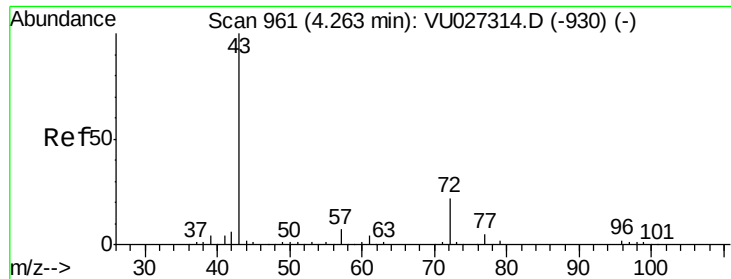
400

200

0

Time-->





#25

2-Butanone

Concen: 0.409 ug/l

RT: 4.31 min Scan# 975

Delta R.T. 0.05 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

Instrument :

MSVOA_U

ClientSampleId :

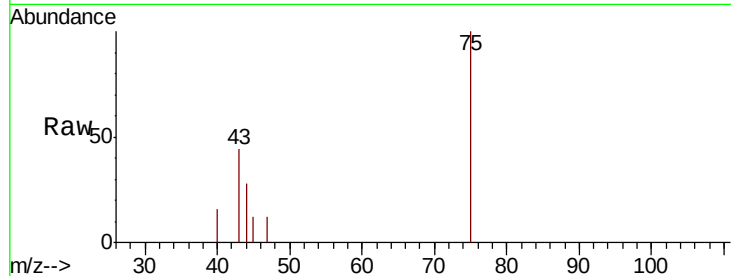
HR-06-100218-A

Tgt Ion: 43 Resp: 563

Ion Ratio Lower Upper

43 100

72 0.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.31

4.32

4.30

4.28

4.26

4.24

4.22

4.20

4.18

4.16

4.14

4.12

4.10

4.08

4.06

4.04

4.02

4.00

3.98

3.96

3.94

3.92

3.90

3.88

3.86

3.84

3.82

3.80

3.78

3.76

3.74

3.72

3.70

3.68

3.66

3.64

3.62

3.60

3.58

3.56

3.54

3.52

3.50

3.48

3.46

3.44

3.42

3.40

3.38

3.36

3.34

3.32

3.30

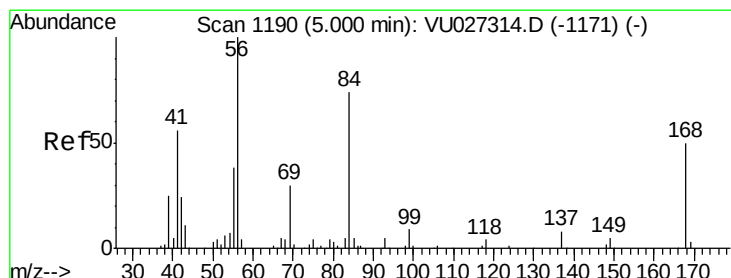
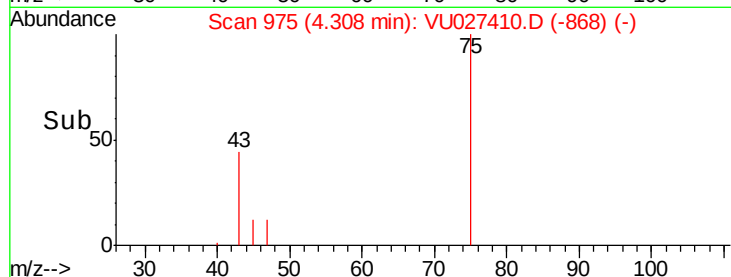
3.28

3.26

3.24

3.22

3.20



#31

Cyclohexane

Concen: 0.735 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.02 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

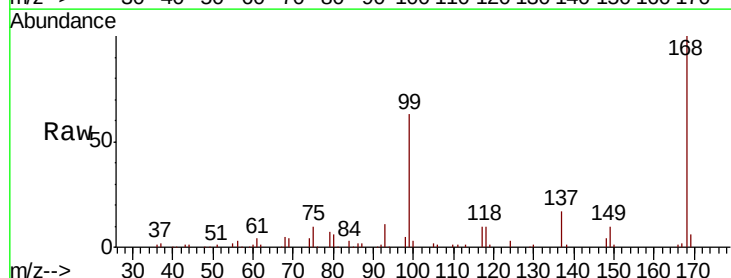
Tgt Ion: 56 Resp: 2660

Ion Ratio Lower Upper

56 100

69 149.0 24.1 36.1#

84 118.8 59.1 88.7#



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

4.97

4.96

4.95

4.94

4.93

4.92

4.91

4.90

4.89

4.88

4.87

4.86

4.85

4.84

4.83

4.82

4.81

4.80

4.79

4.78

4.77

4.76

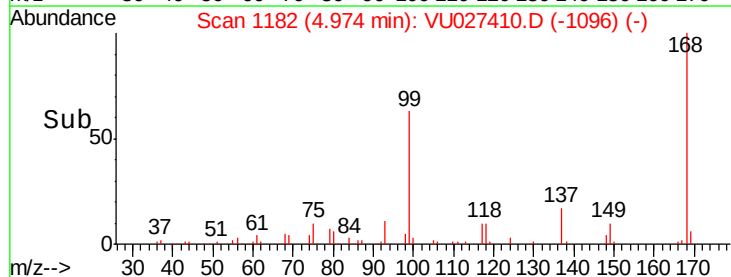
4.75

4.74

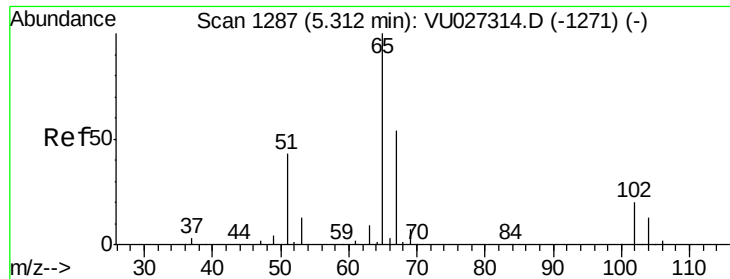
4.73

4.72

4.71



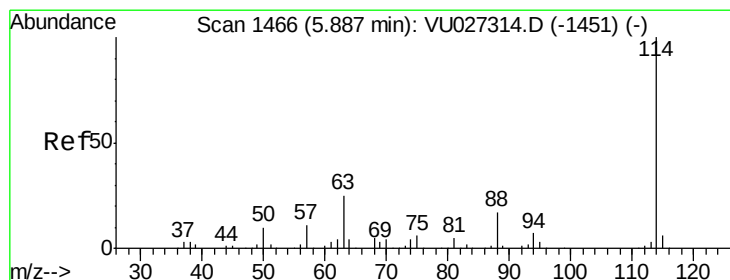
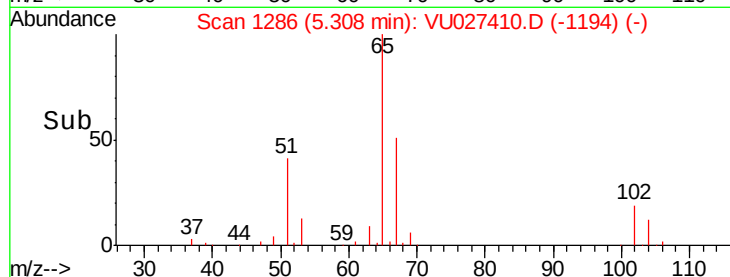
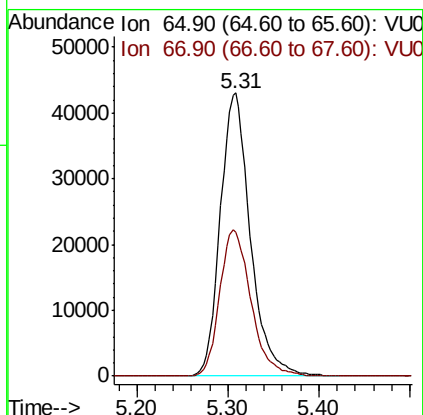
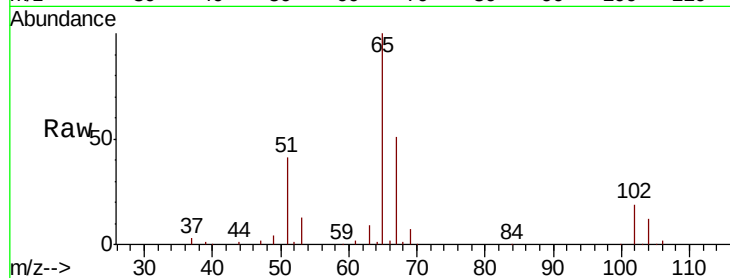
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 57.820 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

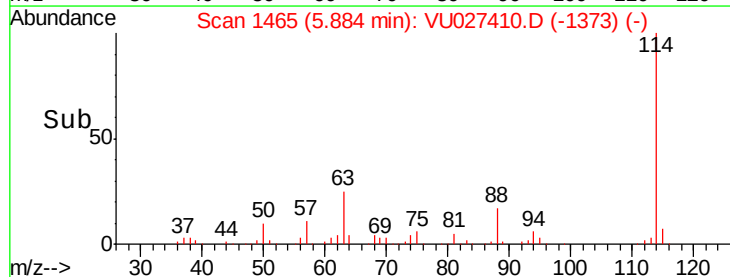
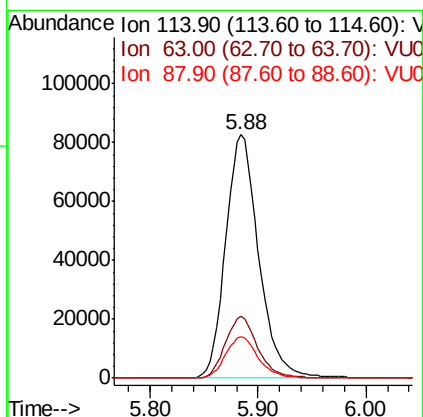
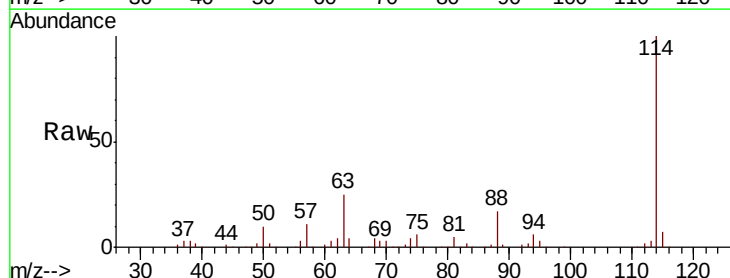
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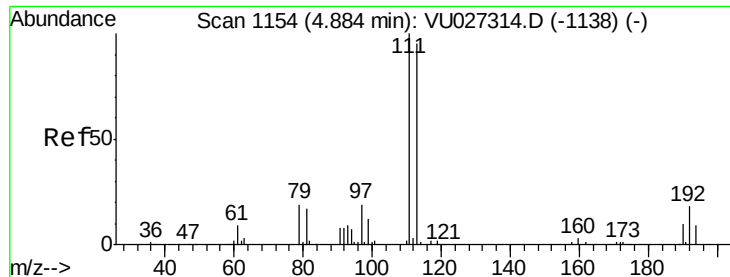
Tgt Ion: 65 Resp: 98894
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

Tgt Ion: 114 Resp: 176585
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 50.2
 88 17.0 0.0 33.8

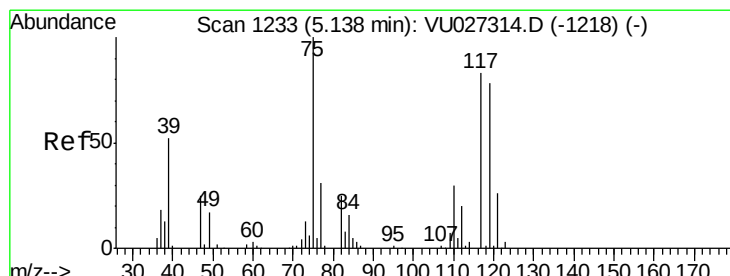
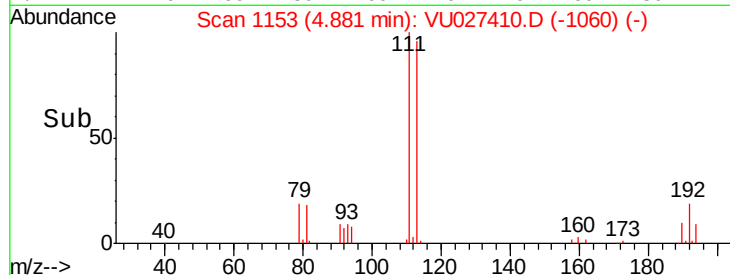
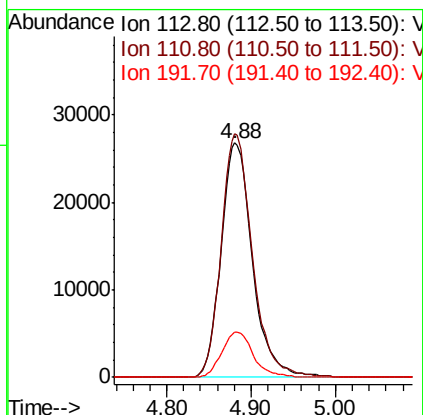
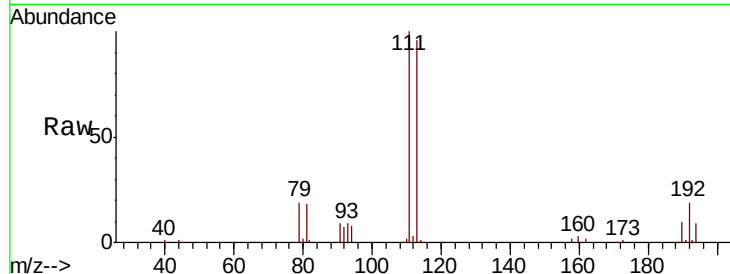




#35
 Dibromofluoromethane
 Concen: 57.275 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

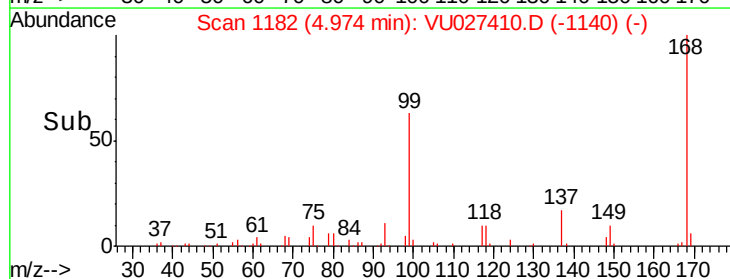
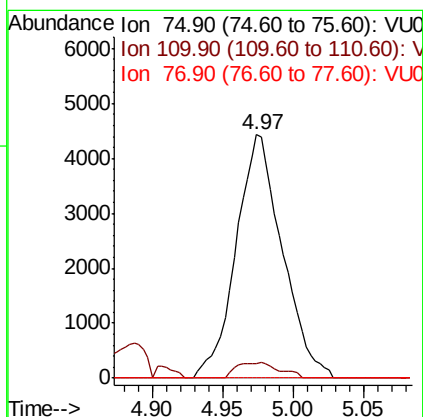
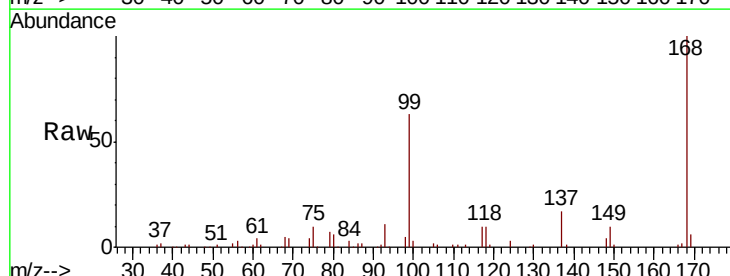
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 HR-06-100218-A

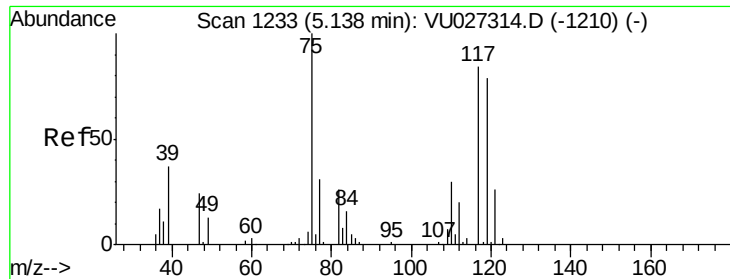
Tgt Ion:113 Resp: 69314
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.1 124.7
 192 19.4 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 5.290 ug/l
 RT: 4.97 min Scan# 1182
 Delta R.T. -0.16 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

Tgt Ion: 75 Resp: 10142
 Ion Ratio Lower Upper
 75 100
 110 5.9 15.5 46.5#
 77 0.0 25.4 38.0#

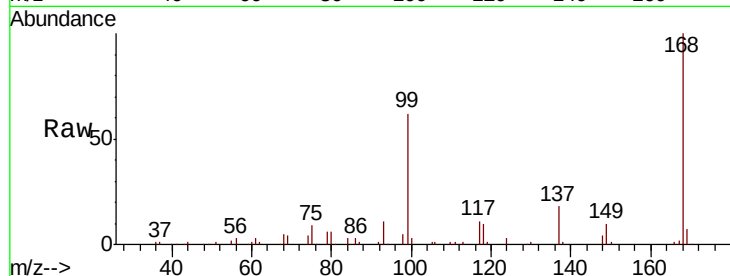




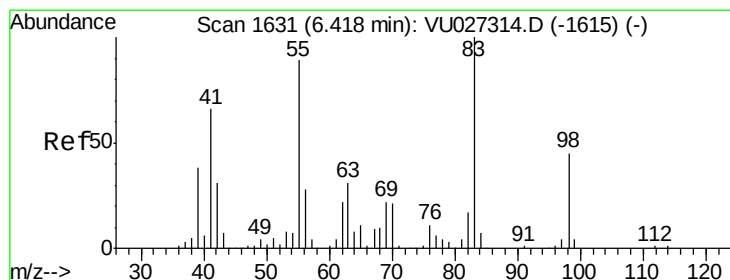
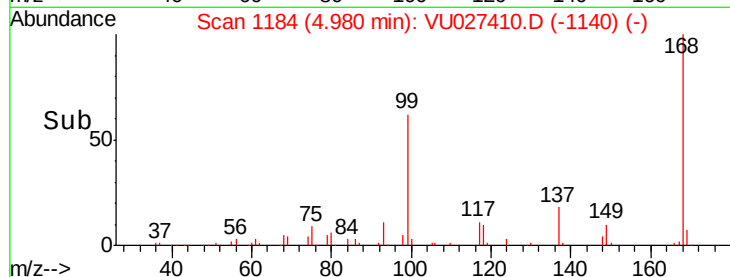
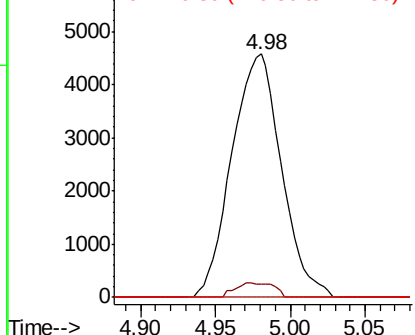
#38
Carbon Tetrachloride
Concen: 6.107 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

Instrument :
MSVOA_U
ClientSampleId :
HR-06-100218-A

Tgt Ion: 117 Resp: 10577
Ion Ratio Lower Upper
117 100
119 5.4 74.5 111.7#
121 0.0 24.6 37.0#

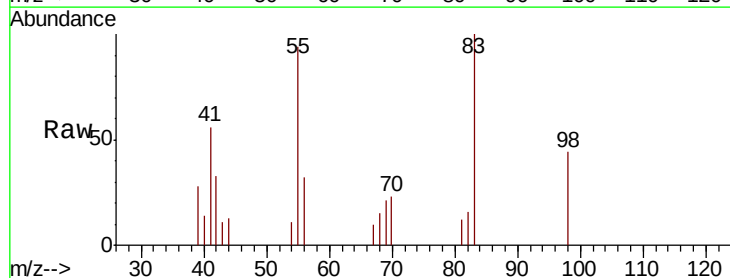


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

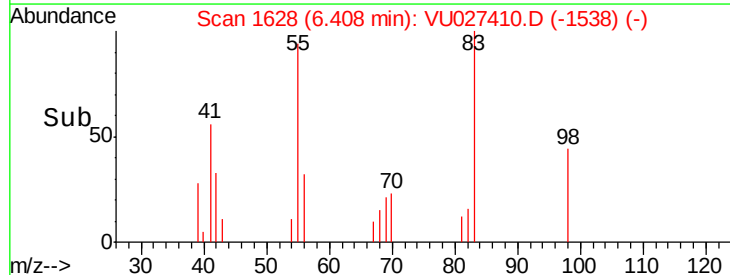
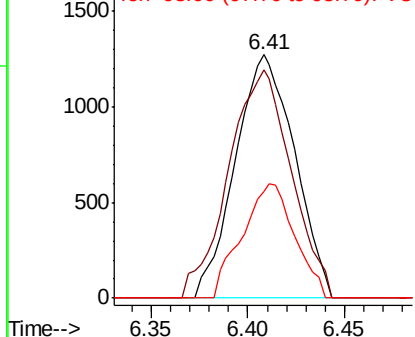


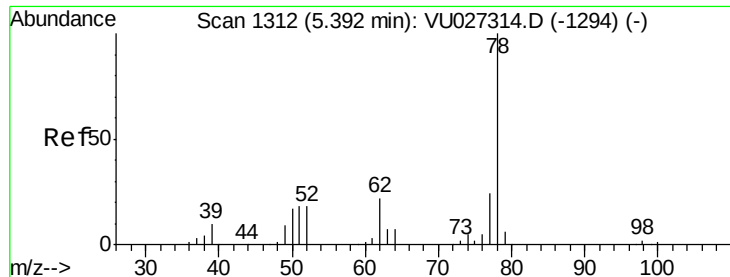
#39
Methylcyclohexane
Concen: 1.210 ug/l
RT: 6.41 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

Tgt Ion: 83 Resp: 2713
Ion Ratio Lower Upper
83 100
55 93.6 71.1 106.7
98 43.9 36.3 54.5



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 0.207 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

Instrument :

MSVOA_U

ClientSampleId :

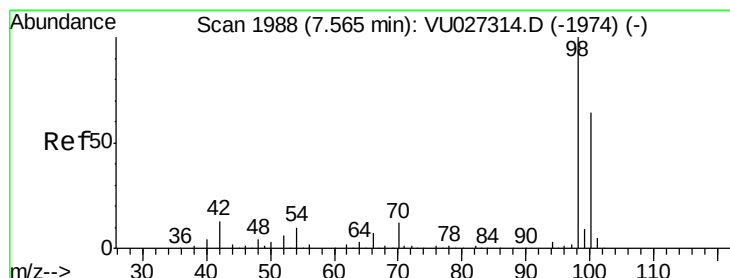
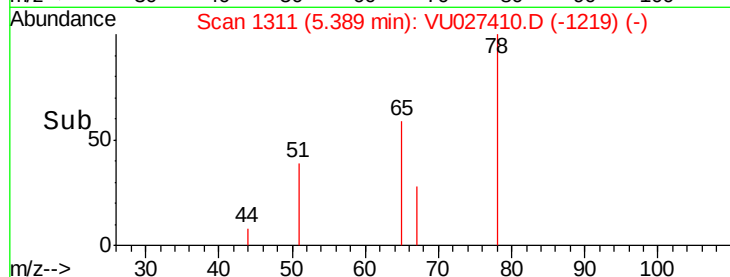
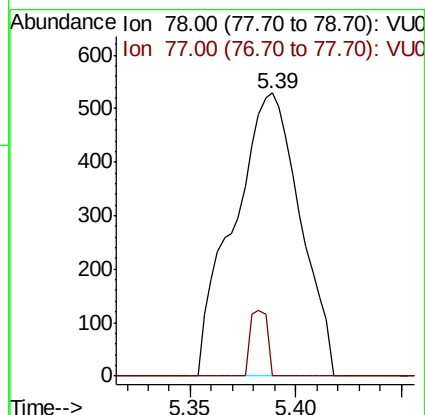
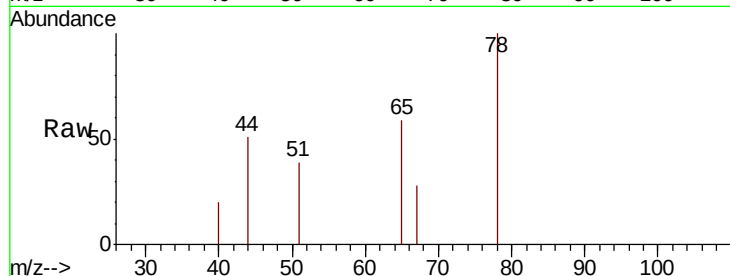
HR-06-100218-A

Tgt Ion: 78 Resp: 1156

Ion Ratio Lower Upper

78 100

77 0.0 19.3 28.9#



#50

Toluene-d8

Concen: 61.399 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027410.D

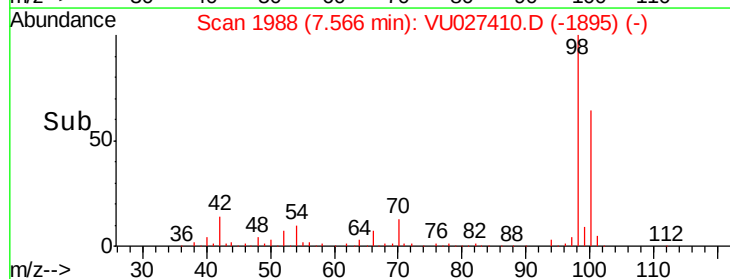
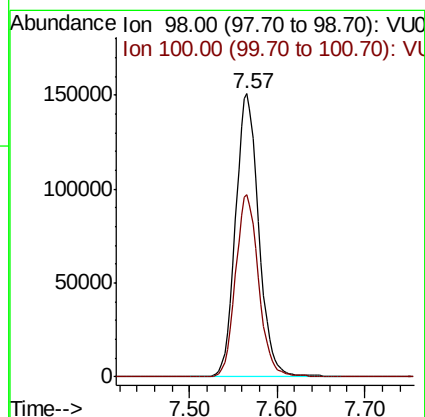
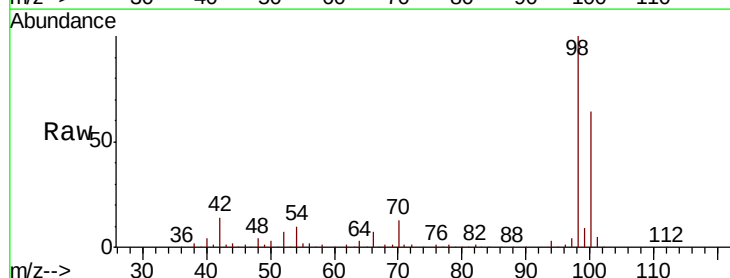
Acq: 04 Oct 2018 15:52

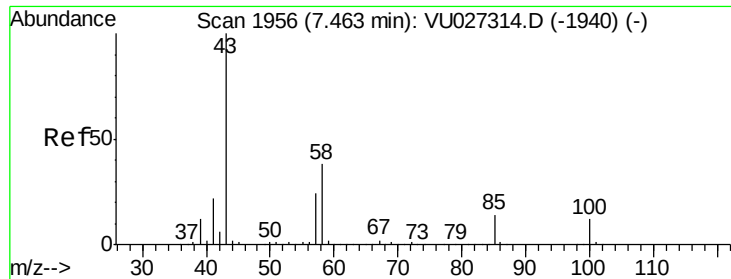
Tgt Ion: 98 Resp: 278099

Ion Ratio Lower Upper

98 100

100 64.0 52.1 78.1

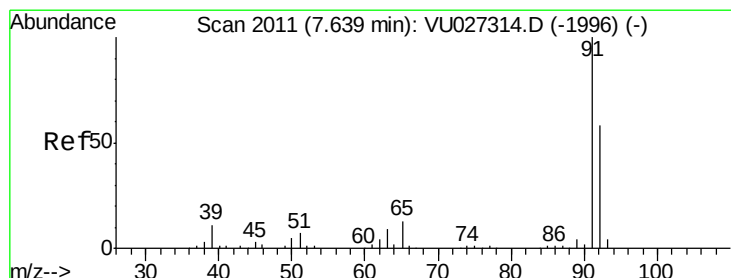
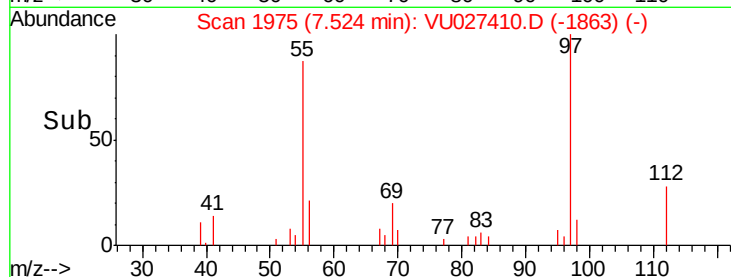
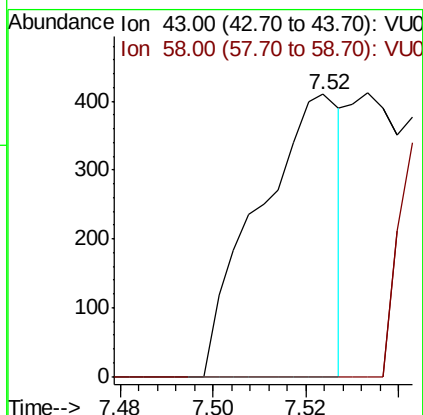
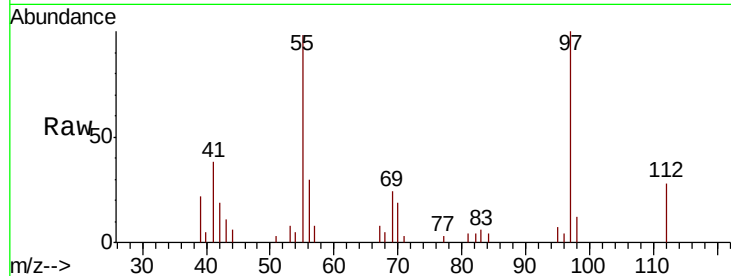




#51
 4-Methyl-2-Pentanone
 Concen: 0.200 ug/l
 RT: 7.52 min Scan# 1975
 Delta R.T. 0.06 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

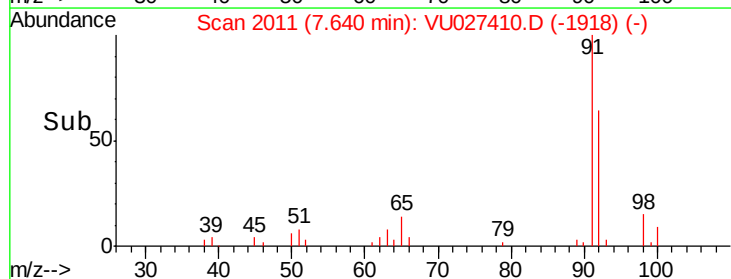
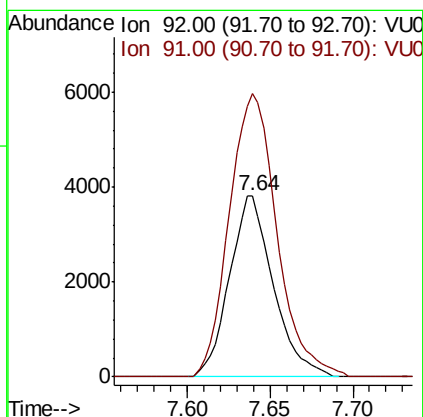
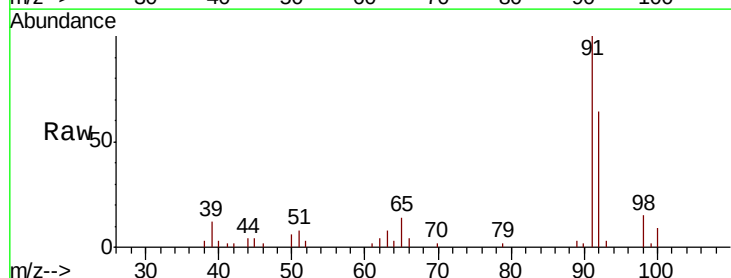
Instrument :
 MSVOA_U
 ClientSampleId :
 HR-06-100218-A

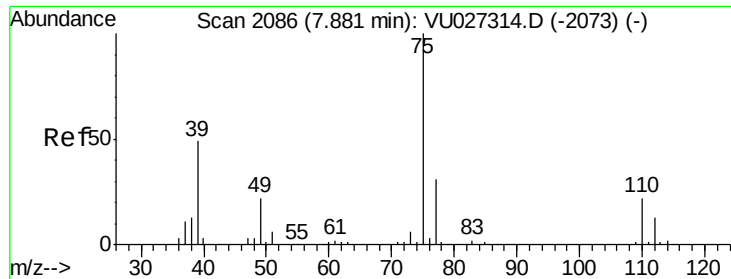
Tgt Ion: 43 Resp: 501
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.8 44.8#



#52
 Toluene
 Concen: 2.121 ug/l
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

Tgt Ion: 92 Resp: 7010
 Ion Ratio Lower Upper
 92 100
 91 170.1 138.6 208.0

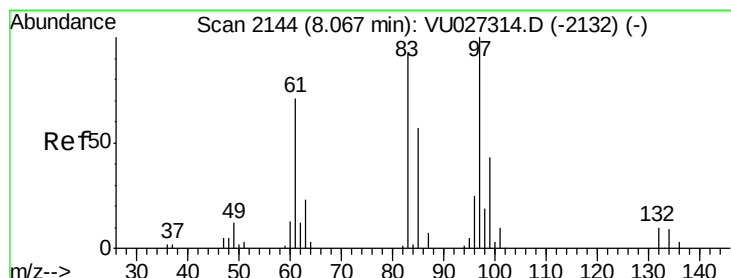
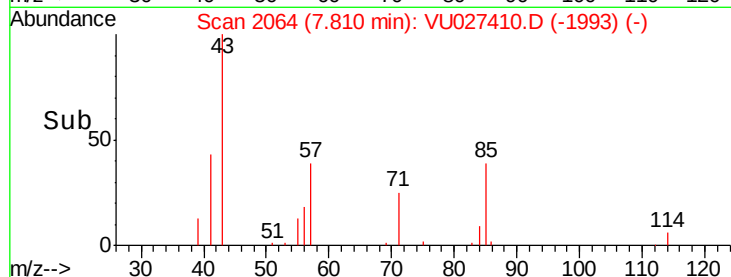
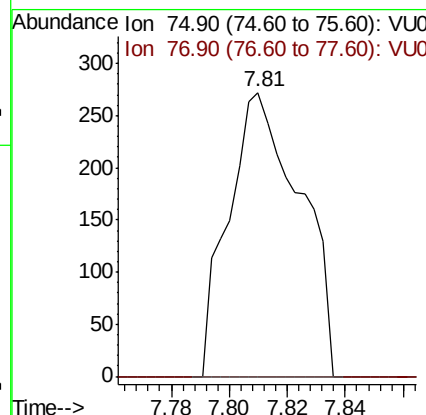
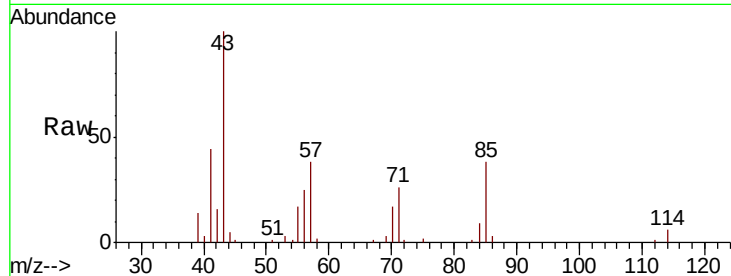




#53
t-1,3-Dichloropropene
Concen: 0.211 ug/l
RT: 7.81 min Scan# 2064
Delta R.T. -0.07 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

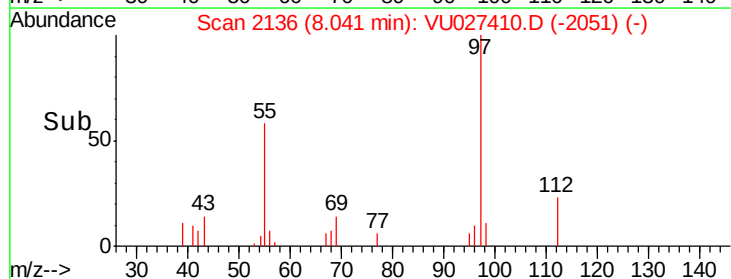
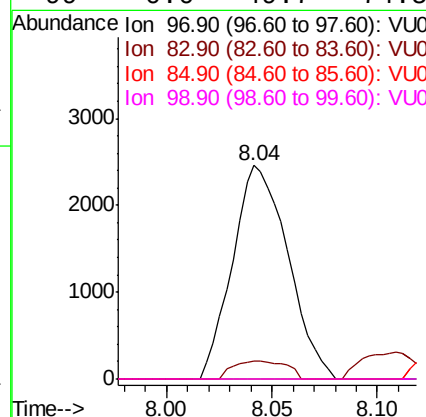
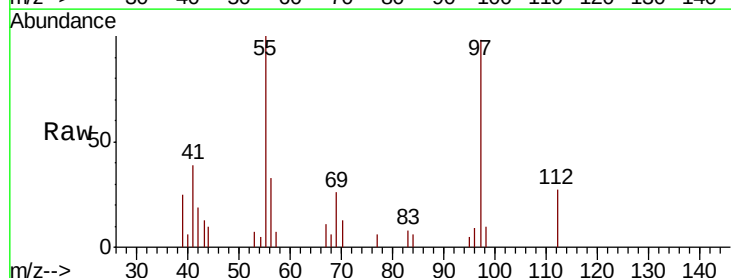
Instrument :
MSVOA_U
ClientSampleId :
HR-06-100218-A

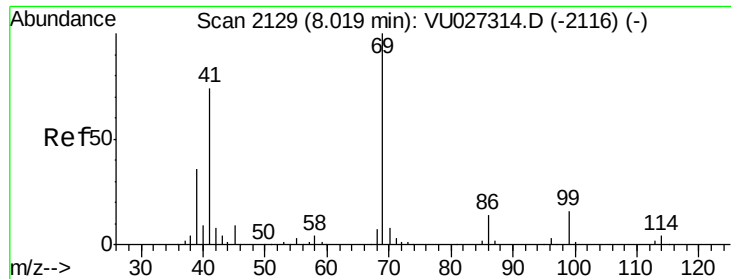
Tgt Ion: 75 Resp: 467
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.6#



#55
1,1,2-Trichloroethane
Concen: 3.420 ug/l
RT: 8.04 min Scan# 2136
Delta R.T. -0.03 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

Tgt Ion: 97 Resp: 4483
Ion Ratio Lower Upper
97 100
83 8.2 73.0 109.6#
85 0.0 47.3 70.9#
99 0.0 49.7 74.5#





#56

Ethyl methacrylate

Concen: 2.722 ug/l

RT: 8.04 min Scan# 2136

Delta R.T. 0.02 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

Instrument :

MSVOA_U

ClientSampleId :

HR-06-100218-A

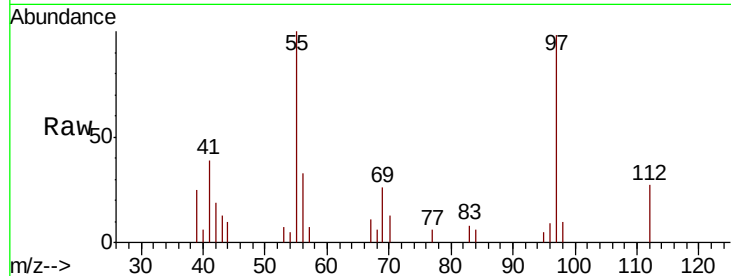
Tgt Ion: 69 Resp: 1184

Ion Ratio Lower Upper

69 100

41 170.6 60.0 90.0#

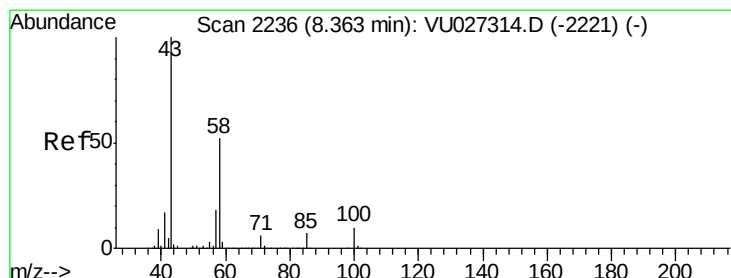
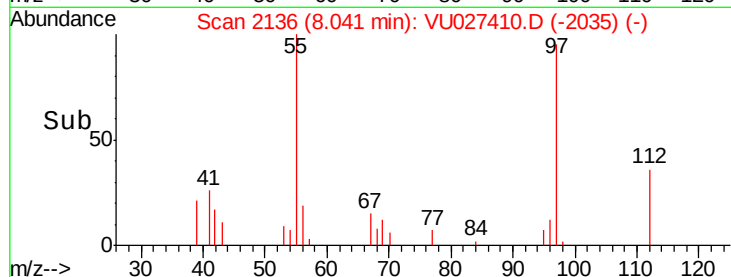
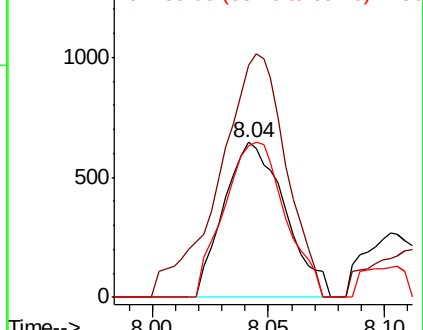
39 99.8 29.5 44.3#



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#59

2-Hexanone

Concen: 8.045 ug/l

RT: 8.33 min Scan# 2225

Delta R.T. -0.04 min

Lab File: VU027410.D

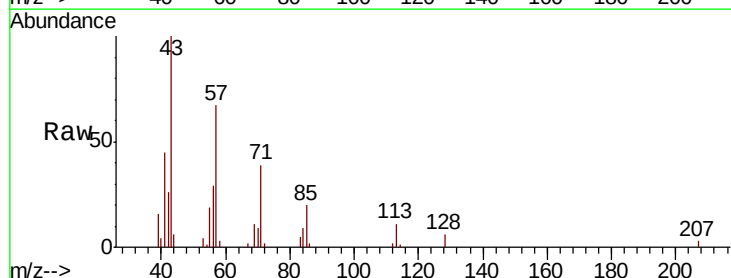
Acq: 04 Oct 2018 15:52

Tgt Ion: 43 Resp: 15606

Ion Ratio Lower Upper

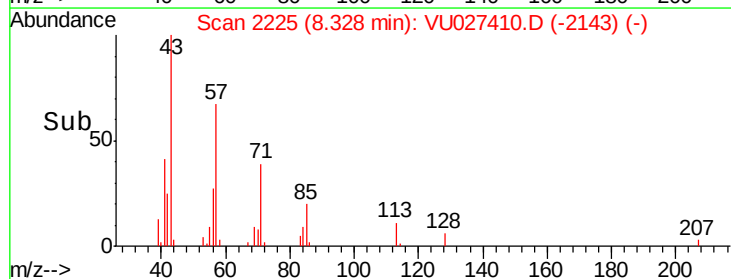
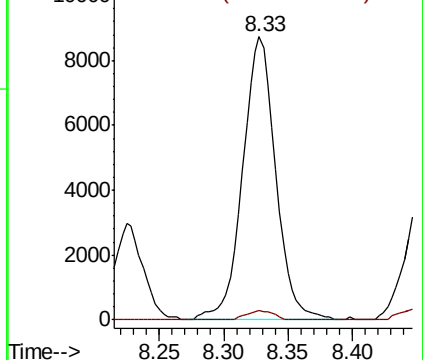
43 100

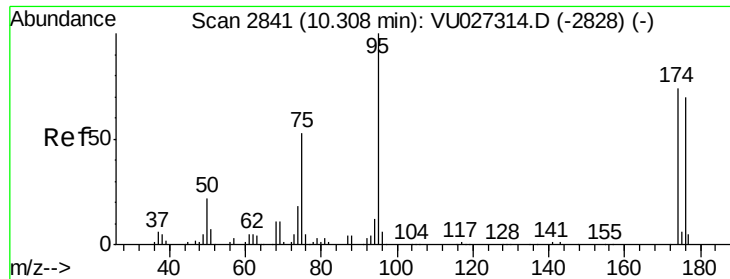
58 2.7 26.1 78.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 72.440 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

Instrument :

MSVOA_U

ClientSampleId :

HR-06-100218-A

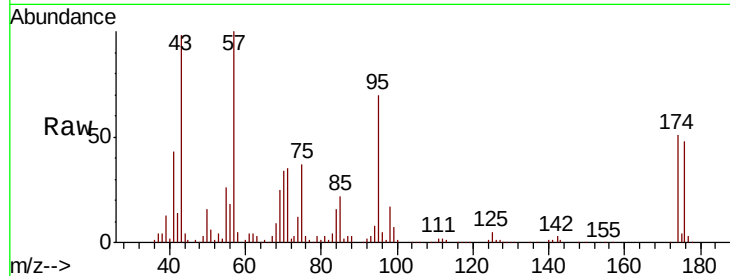
Tgt Ion: 95 Resp: 121938

Ion Ratio Lower Upper

95 100

174 71.4 0.0 147.8

176 68.1 0.0 140.8



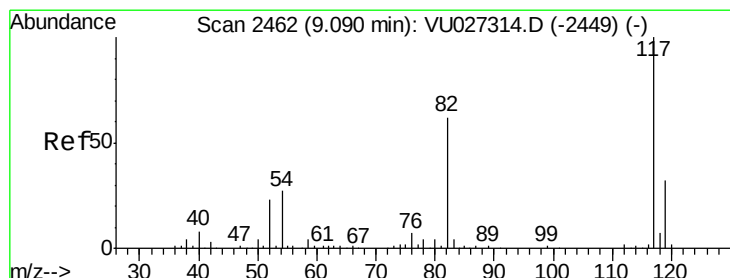
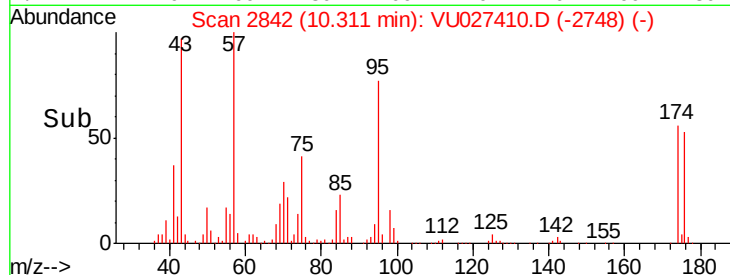
Abundance Ion 94.90 (94.60 to 95.60): VU027410.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027410.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027410.D (-2828) (-)

Time-->

10.31



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

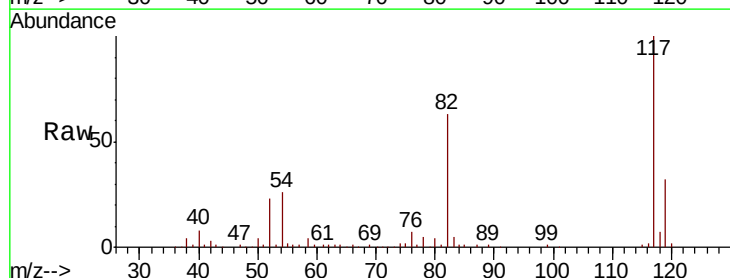
Tgt Ion: 117 Resp: 183431

Ion Ratio Lower Upper

117 100

82 62.3 49.2 73.8

119 31.7 25.7 38.5



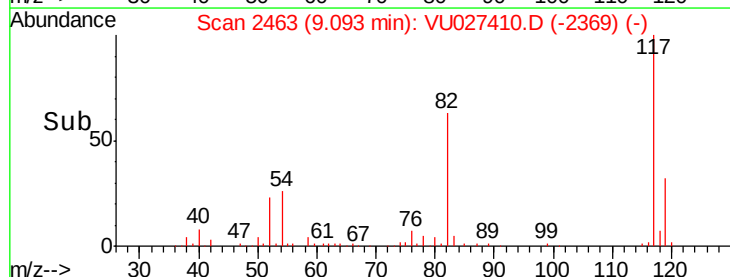
Abundance Ion 116.90 (116.60 to 117.60): VU027410.D (-2369) (-)

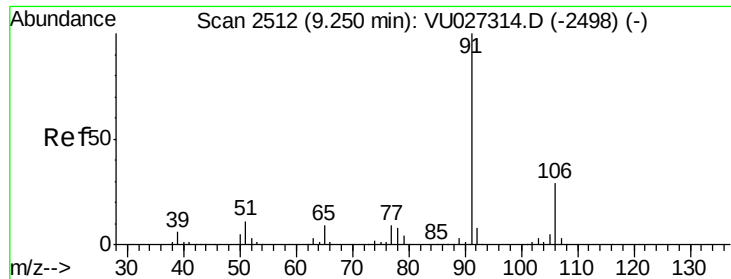
Ion 82.00 (81.70 to 82.70): VU027410.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU027410.D (-2369) (-)

Time-->

9.09

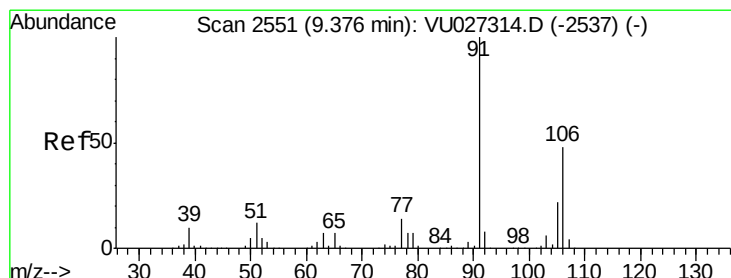
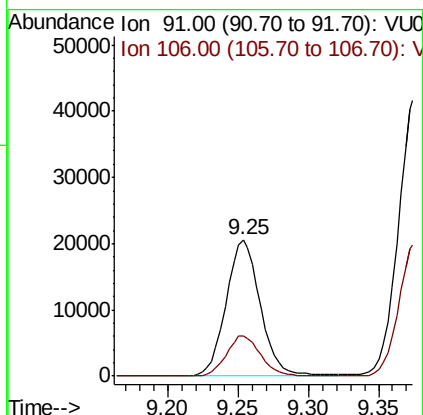
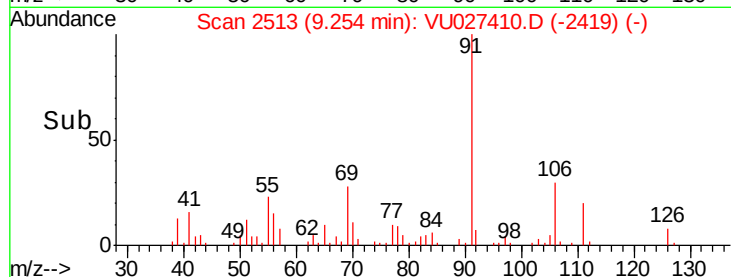
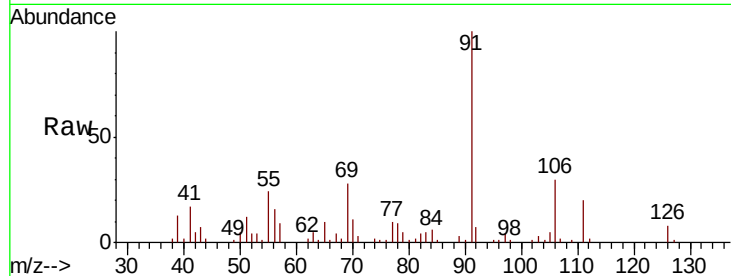




#67
Ethyl Benzene
Concen: 5.116 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

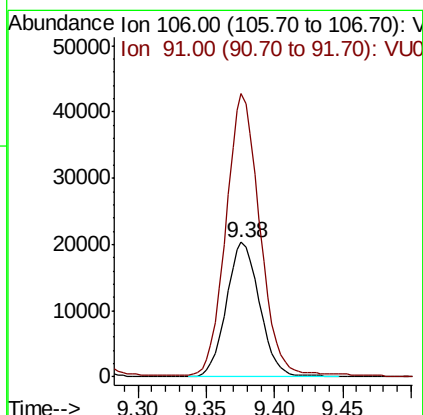
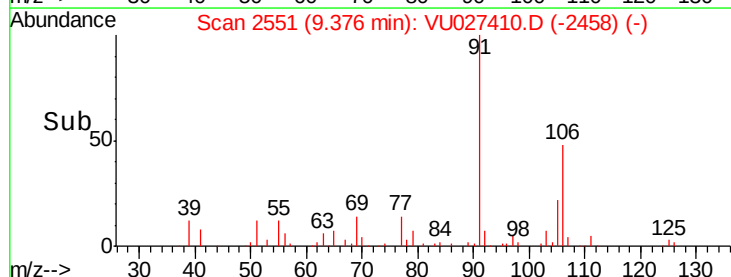
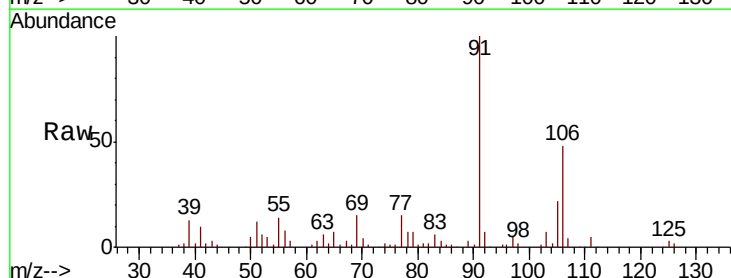
Instrument :
MSVOA_U
ClientSampleId :
HR-06-100218-A

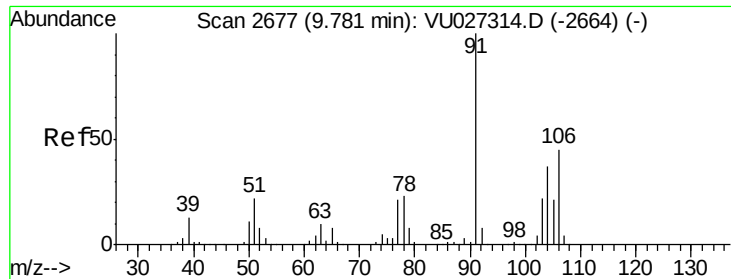
Tgt Ion: 91 Resp: 35000
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4



#68
m/p-Xylenes
Concen: 13.793 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

Tgt Ion: 106 Resp: 34513
Ion Ratio Lower Upper
106 100
91 210.7 168.1 252.1

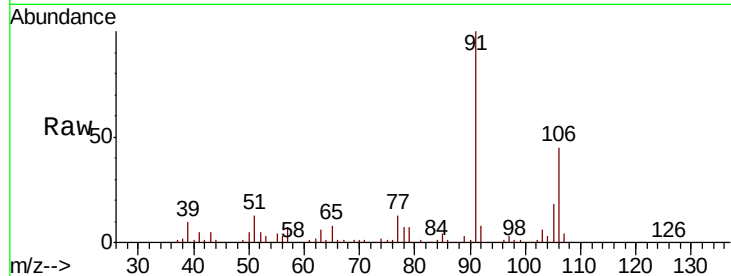




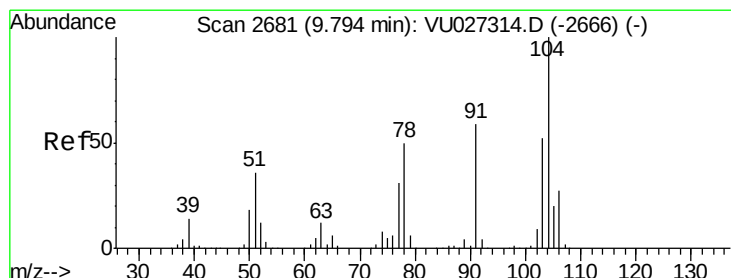
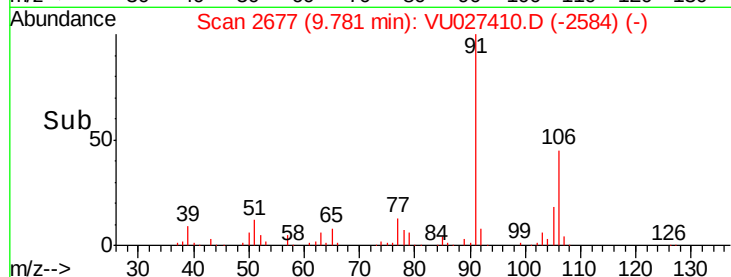
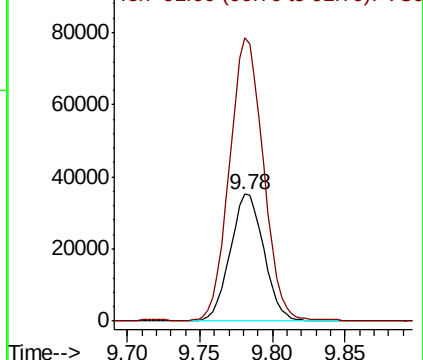
#69
o-Xylene
Concen: 23.863 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

Instrument :
MSVOA_U
ClientSampleId :
HR-06-100218-A

Tgt Ion:106 Resp: 56742
Ion Ratio Lower Upper
106 100
91 223.9 111.7 334.9

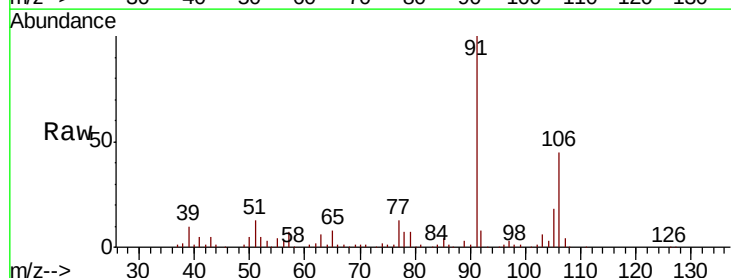


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

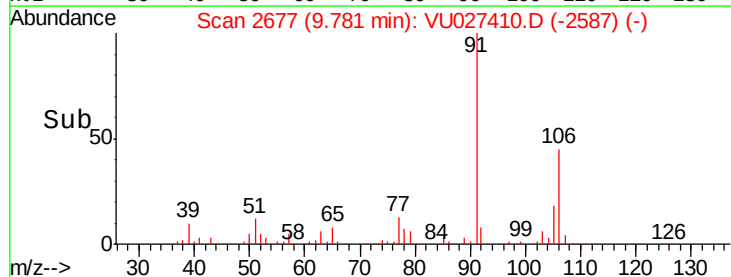
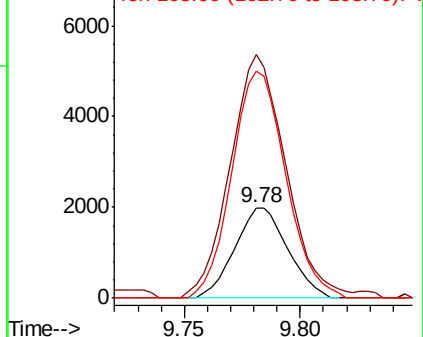


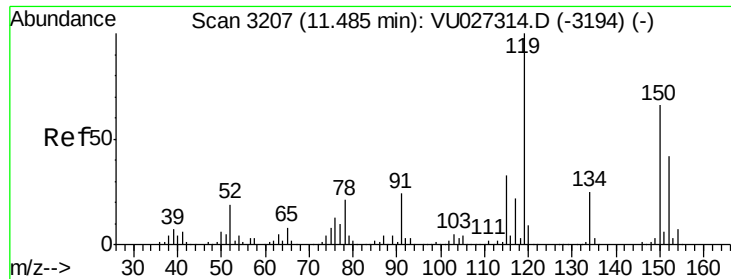
#70
Styrene
Concen: 2.976 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

Tgt Ion:104 Resp: 3154
Ion Ratio Lower Upper
104 100
78 283.8 42.9 64.3#
103 256.1 43.9 65.9#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



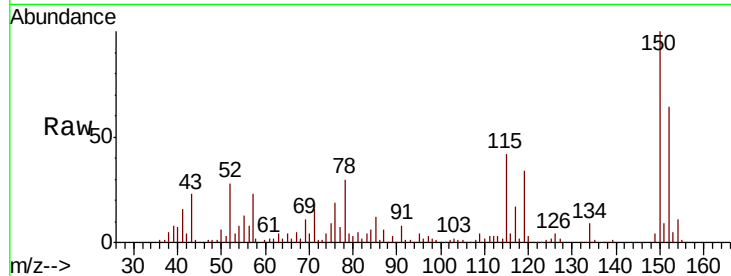


#72

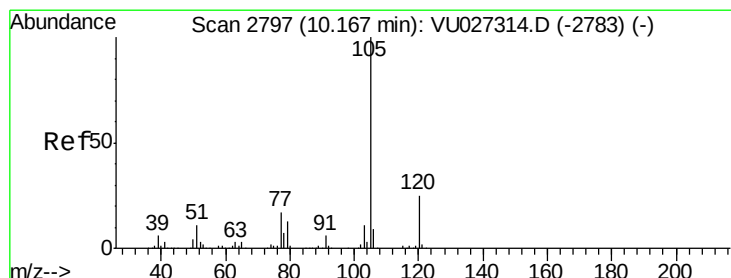
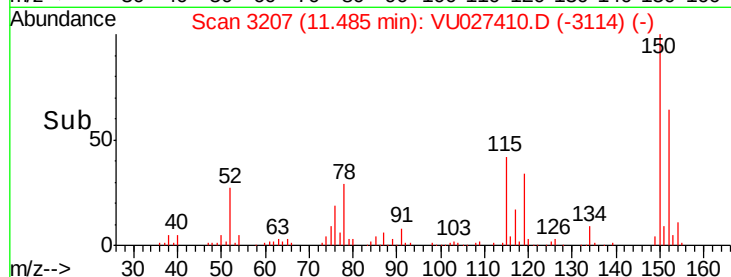
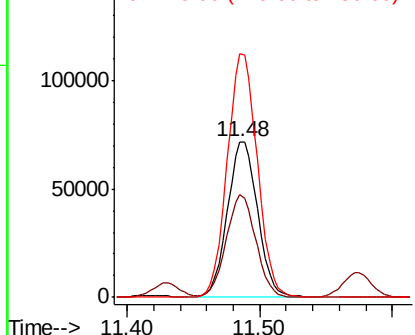
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

Instrument :
MSVOA_U
ClientSampleId :
HR-06-100218-A

Tgt Ion:152 Resp: 113173
Ion Ratio Lower Upper
152 100
115 65.3 43.4 130.2
150 156.1 0.0 349.2



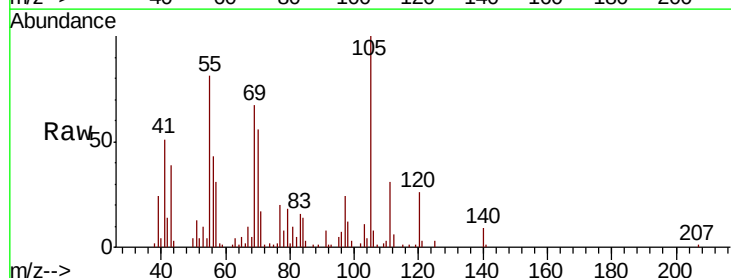
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



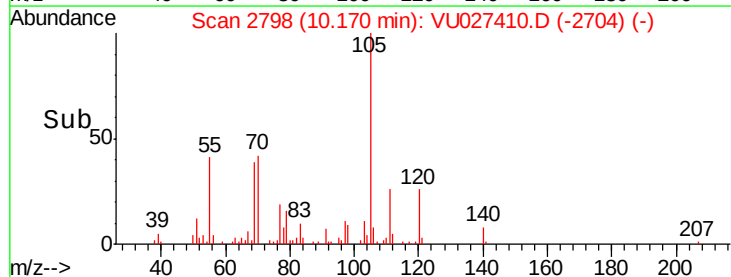
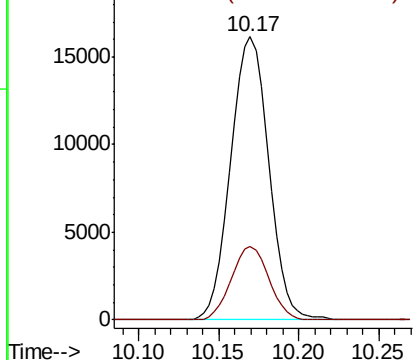
#73

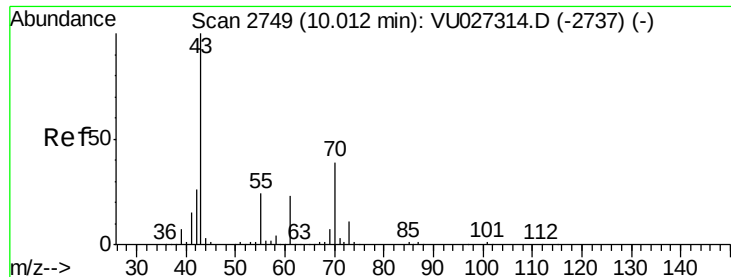
Isopropylbenzene
Concen: 3.183 ug/l
RT: 10.17 min Scan# 2798
Delta R.T. 0.00 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

Tgt Ion:105 Resp: 26166
Ion Ratio Lower Upper
105 100
120 25.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 2.656 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

Instrument :

MSVOA_U

ClientSampleId :

HR-06-100218-A

Tgt Ion: 43 Resp: 12500

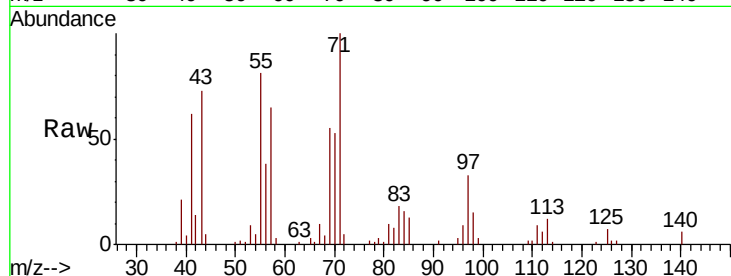
Ion Ratio Lower Upper

43 100

70 85.6 31.3 46.9#

55 0.0 19.0 28.6#

61 0.0 18.5 27.7#

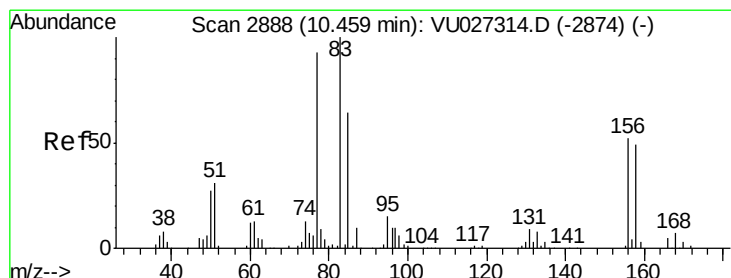
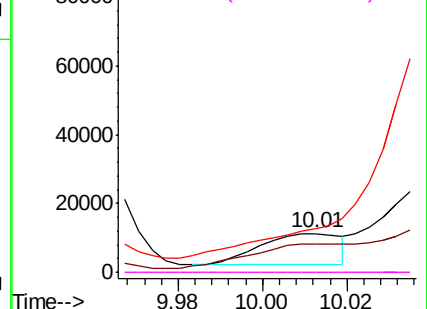
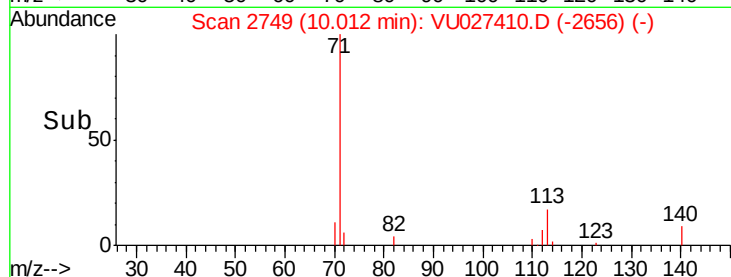


Abundance Ion 43.00 (42.70 to 43.70): VU0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 4.412 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

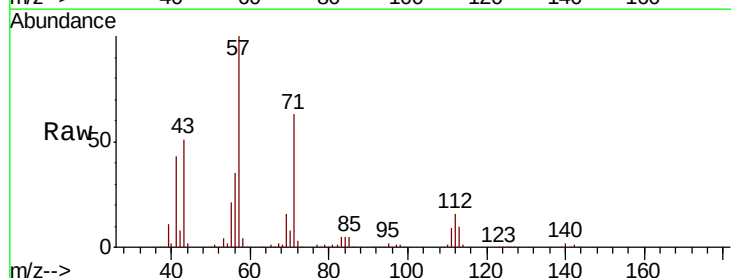
Tgt Ion: 83 Resp: 14239

Ion Ratio Lower Upper

83 100

131 0.0 4.4 13.2#

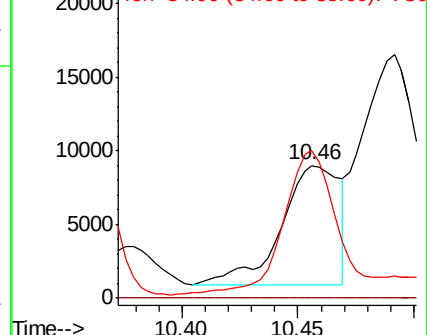
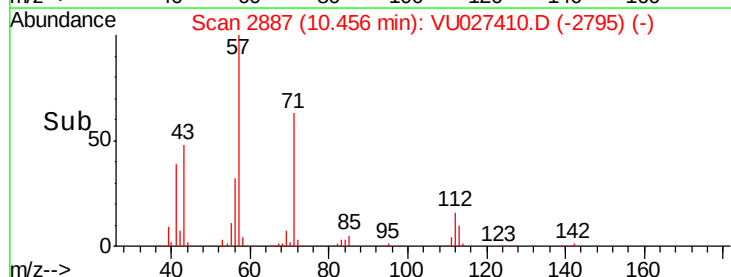
85 109.6 32.0 96.0#

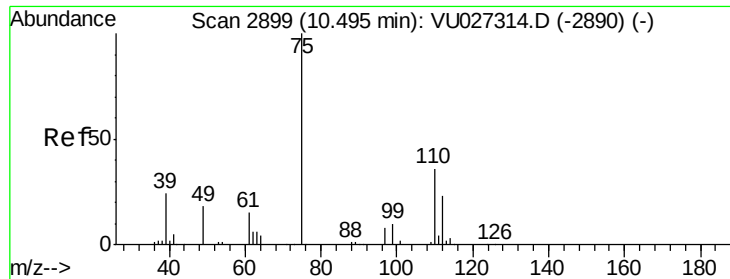


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0

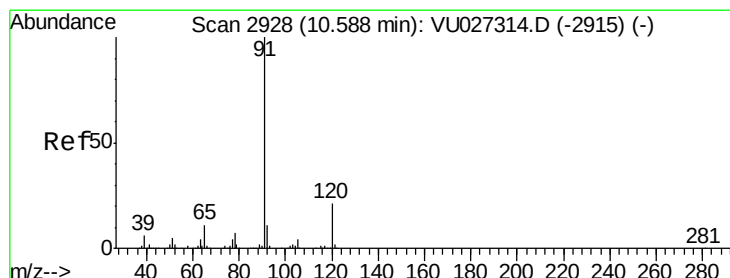
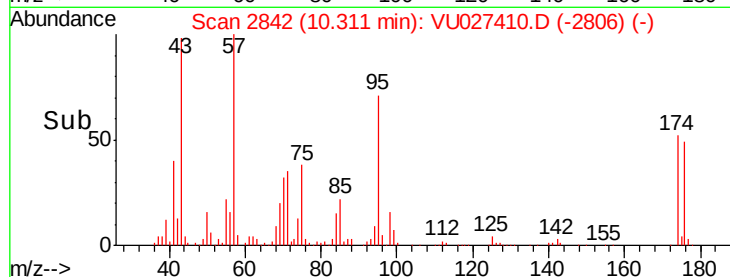
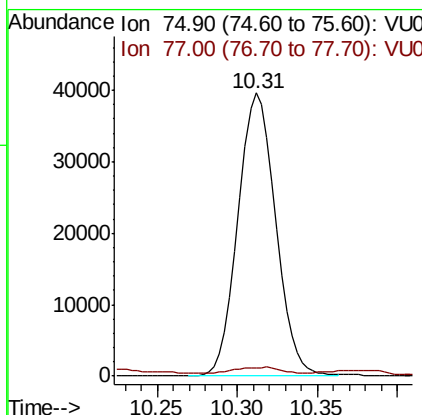
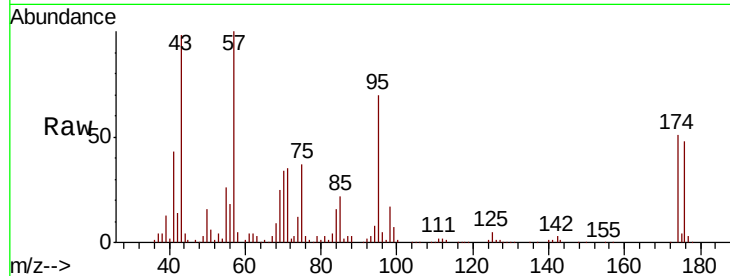




#76
 1,2,3-Trichloropropane
 Concen: 21.723 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. -0.18 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

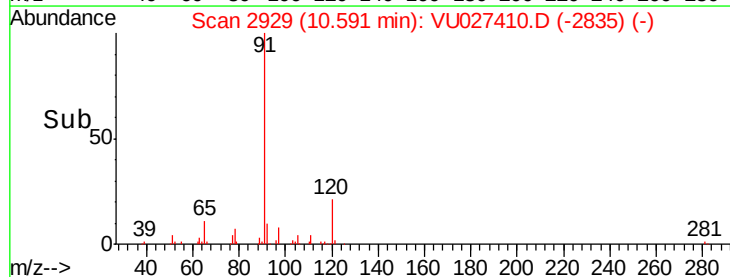
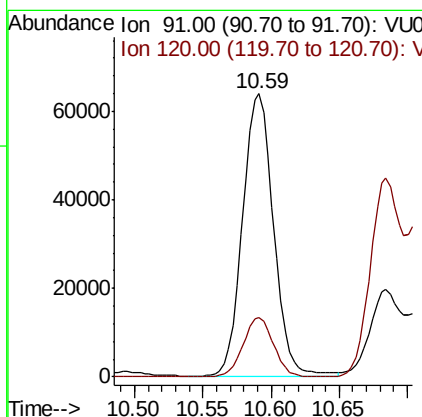
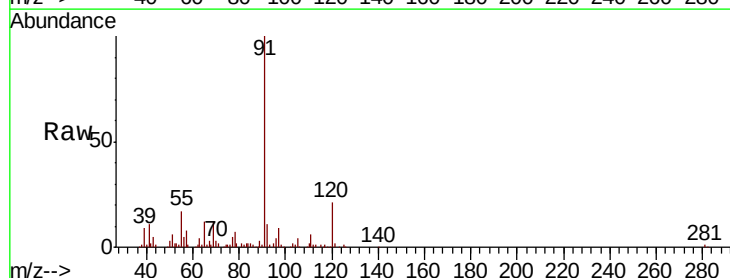
Instrument :
 MSVOA_U
 ClientSampleId :
 HR-06-100218-A

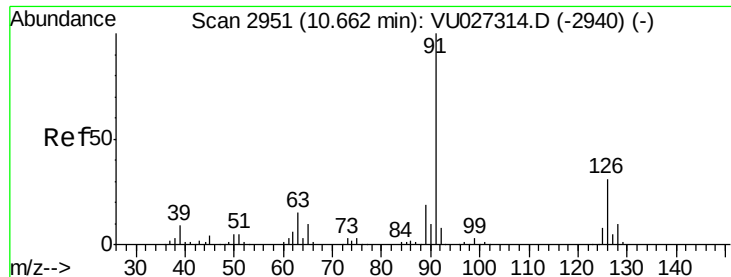
Tgt Ion: 75 Resp: 63730
 Ion Ratio Lower Upper
 75 100
 77 2.8 20.3 60.9#



#78
 n-propylbenzene
 Concen: 10.167 ug/l
 RT: 10.59 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

Tgt Ion: 91 Resp: 100418
 Ion Ratio Lower Upper
 91 100
 120 20.5 10.6 31.8

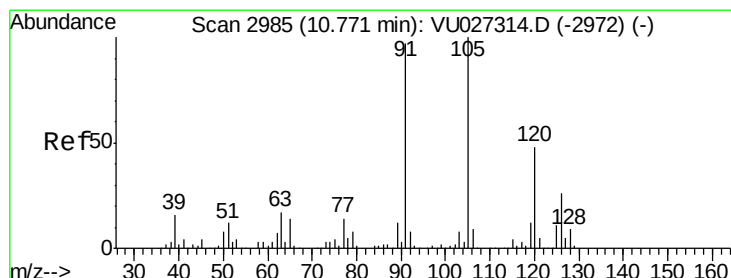
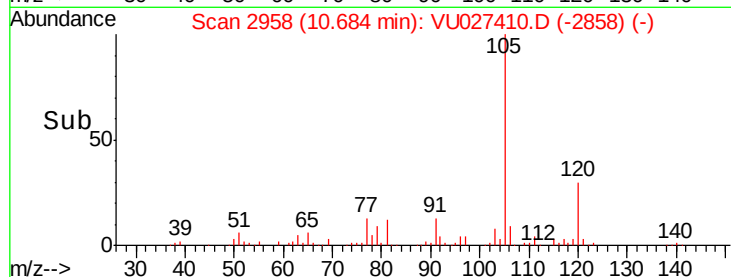
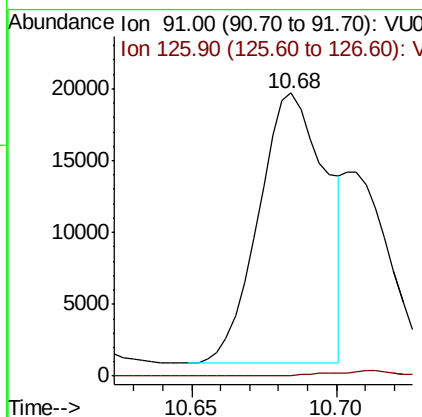
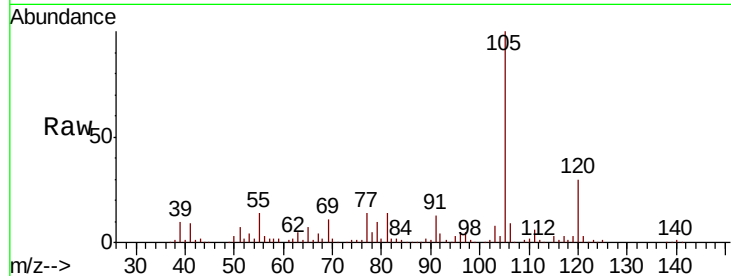




#79
 2-Chlorotoluene
 Concen: 5.150 ug/l
 RT: 10.68 min Scan# 2958
 Delta R.T. 0.02 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

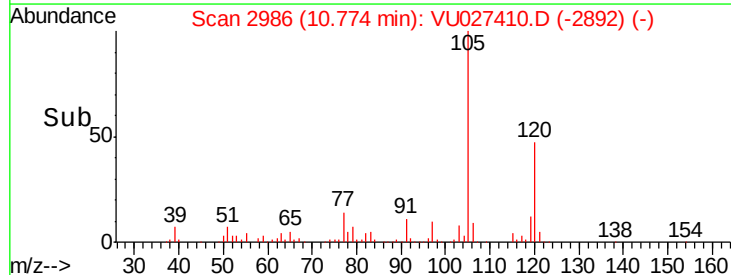
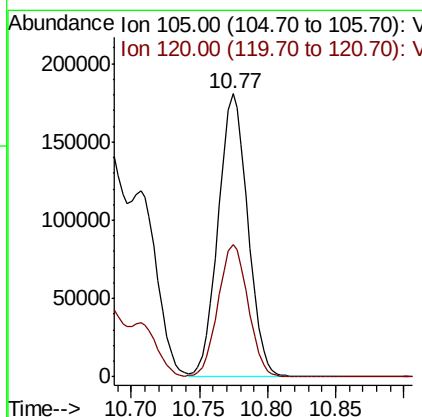
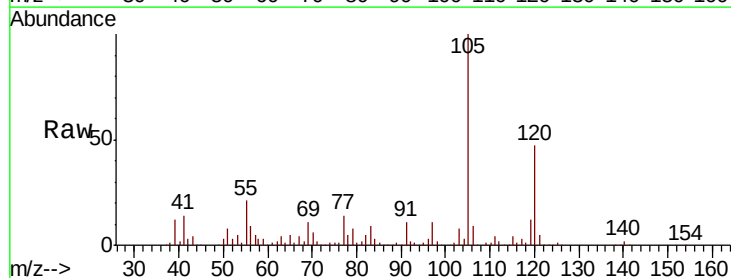
Instrument :
 MSVOA_U
 ClientSampleId :
 HR-06-100218-A

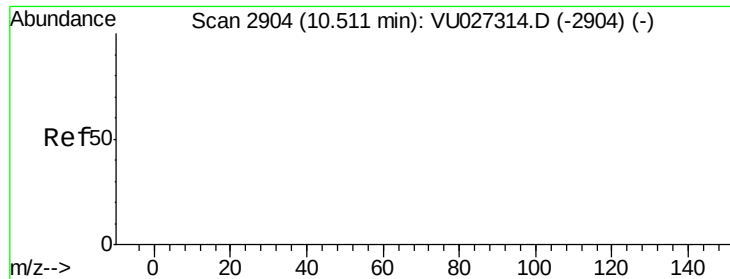
Tgt Ion: 91 Resp: 30713
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.7 47.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 40.701 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

Tgt Ion: 105 Resp: 272368
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.1 72.4

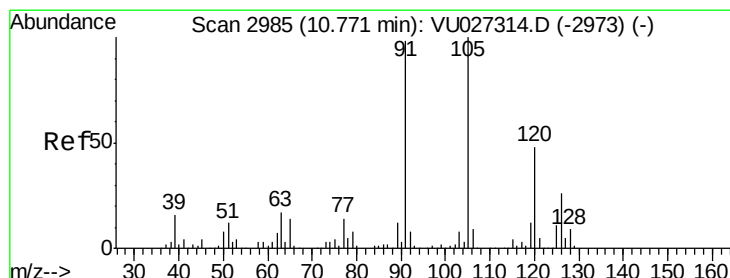
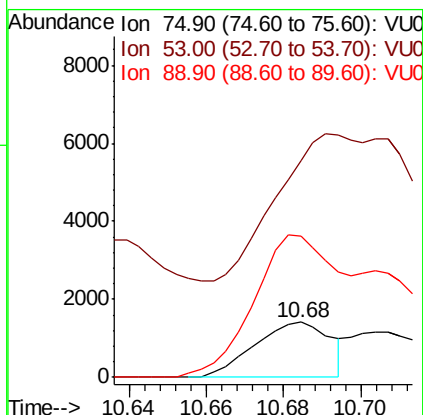
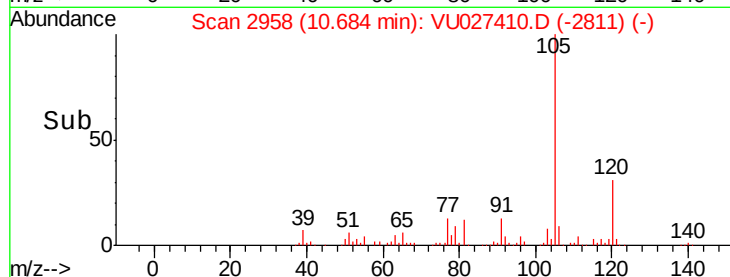
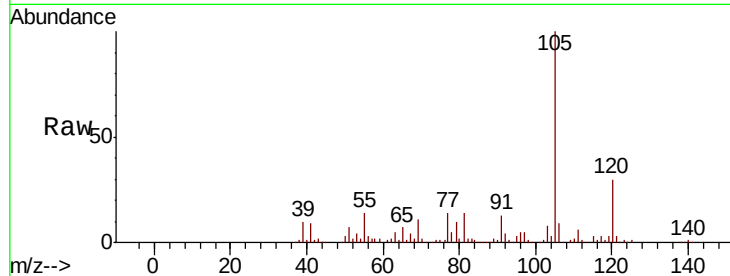




#81
trans-1,4-Dichloro-2-butene
Concen: 1.718 ug/l
RT: 10.68 min Scan# 2958
Delta R.T. 0.17 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

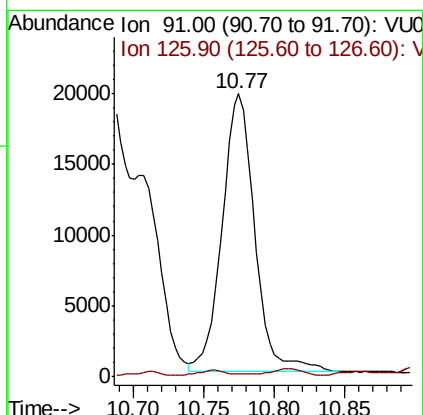
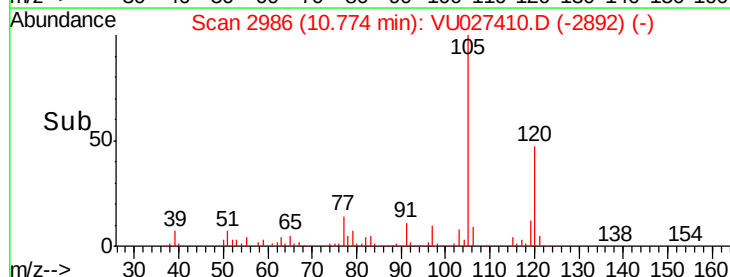
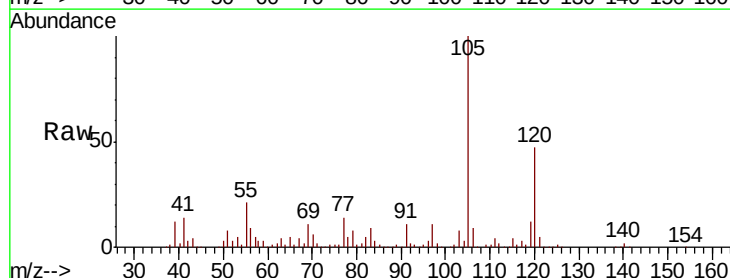
Instrument :
MSVOA_U
ClientSampleId :
HR-06-100218-A

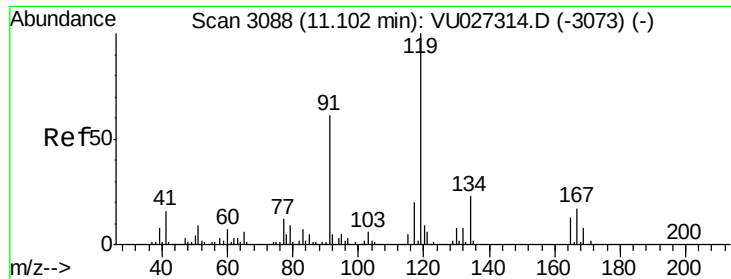
Tgt Ion: 75 Resp: 1926
Ion Ratio Lower Upper
75 100
53 480.3 0.0 0.0#
89 290.6 0.0 0.0#



#82
4-Chlorotoluene
Concen: 4.673 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

Tgt Ion: 91 Resp: 31626
Ion Ratio Lower Upper
91 100
126 1.4 13.6 40.8#

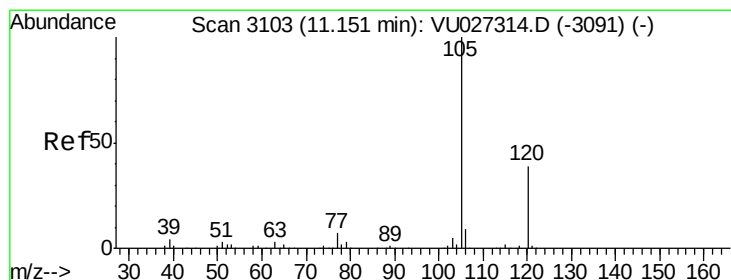
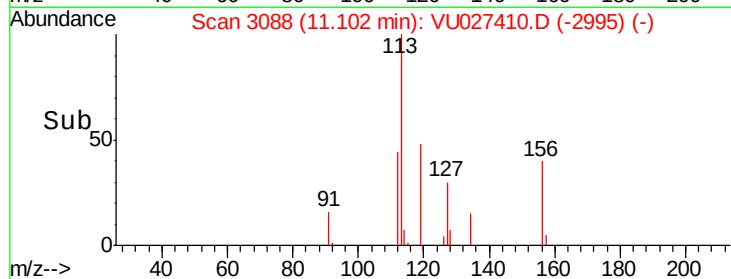
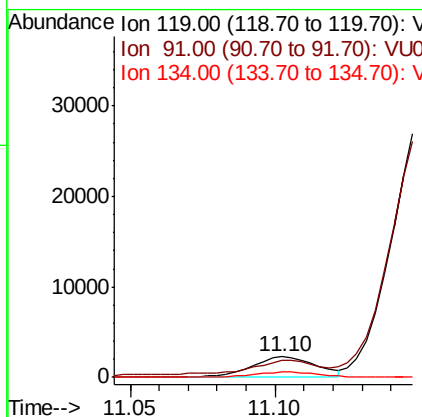
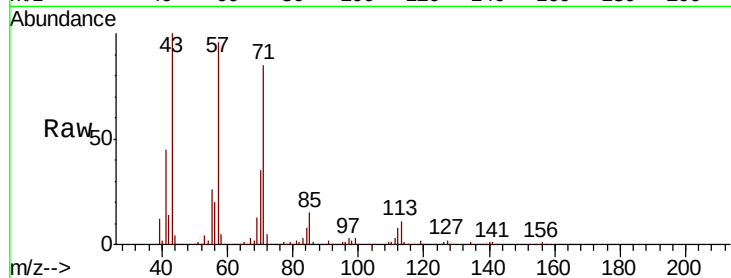




#83
 tert-Butylbenzene
 Concen: 0.544 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

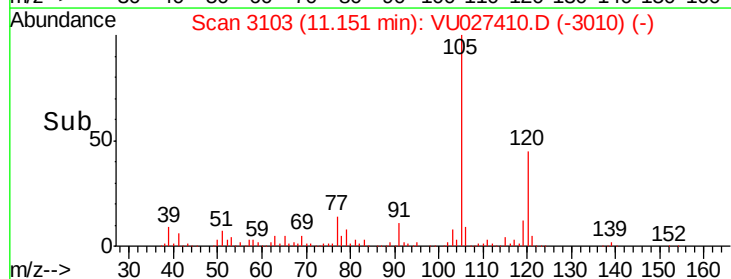
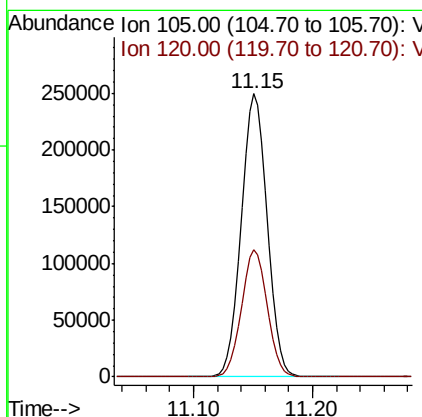
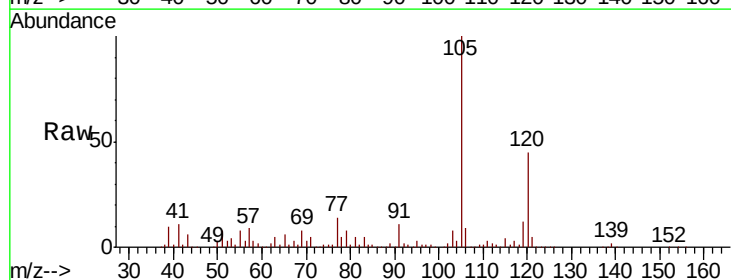
Instrument :
 MSVOA_U
 ClientSampleId :
 HR-06-100218-A

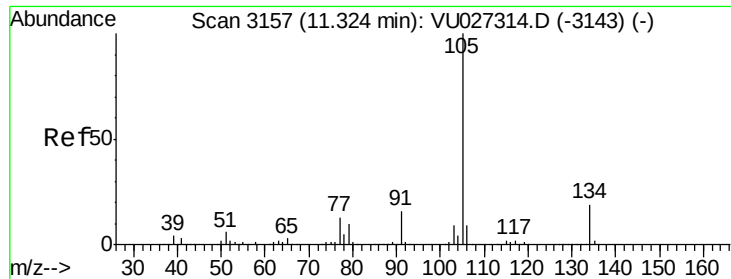
Tgt Ion:	119	Resp:	3517
Ion	Ratio	Lower	Upper
119	100		
91	71.1	30.3	91.0
134	24.2	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.096 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

Tgt Ion:	105	Resp:	376627
Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.5





#85

sec-Butylbenzene

Concen: 12.363 ug/l

RT: 11.33 min Scan# 3158

Delta R.T. 0.00 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

Instrument :

MSVOA_U

ClientSampleId :

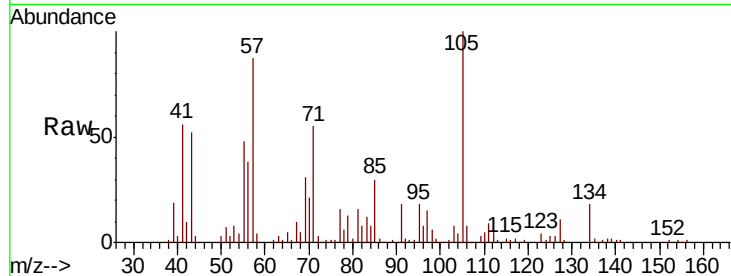
HR-06-100218-A

Tgt Ion:105 Resp: 100778

Ion Ratio Lower Upper

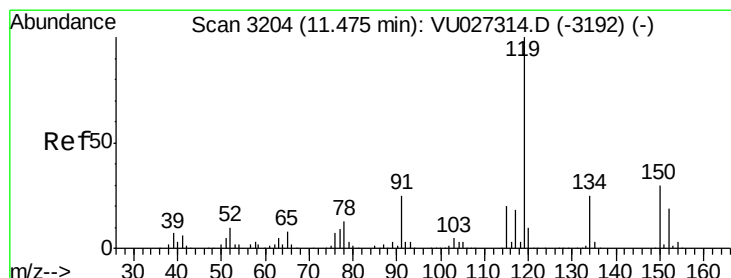
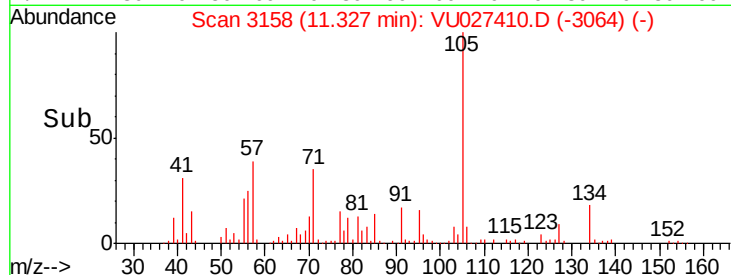
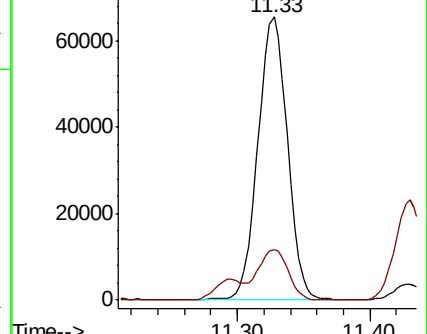
105 100

134 18.8 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.411 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

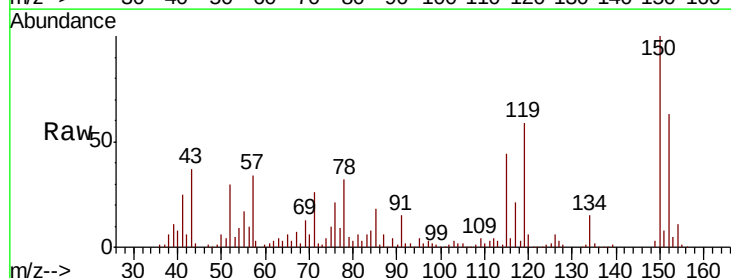
Tgt Ion:119 Resp: 72657

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.1

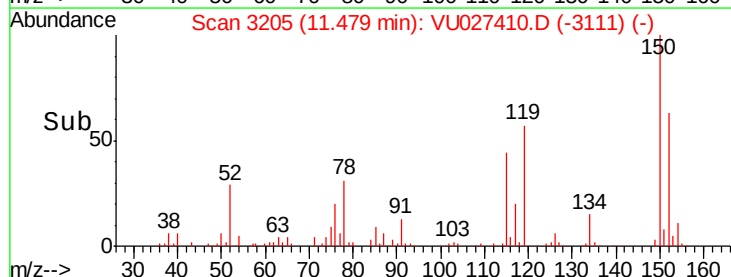
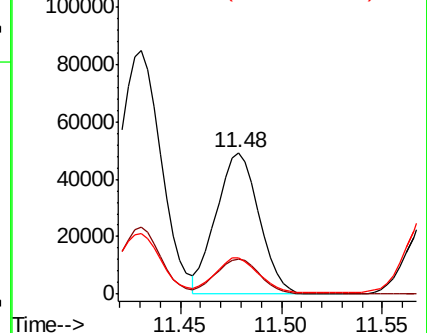
91 24.6 12.2 36.4

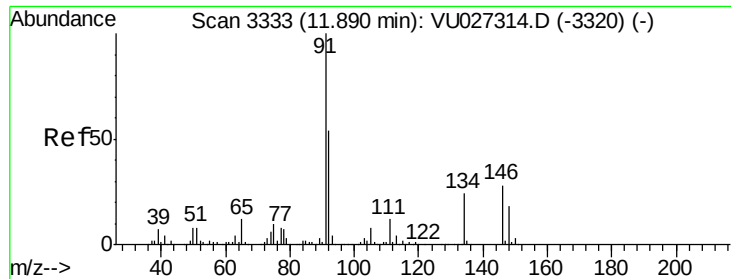


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

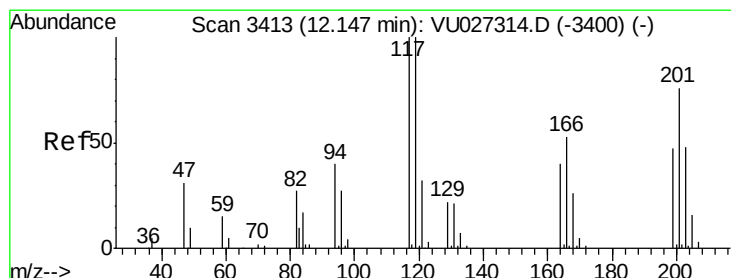
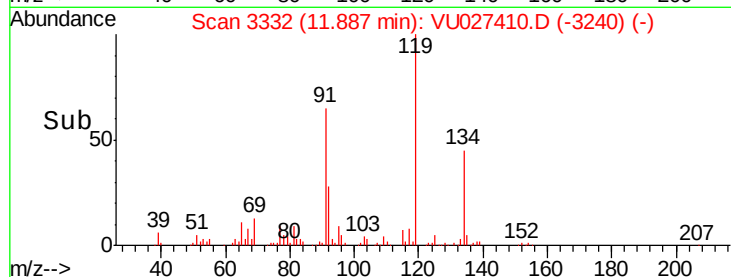
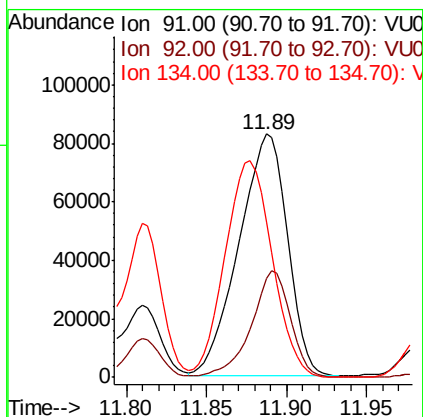
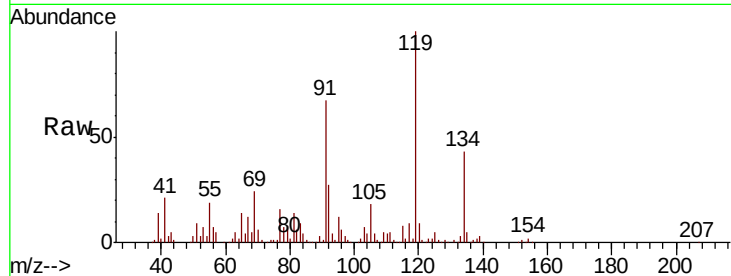




#89
n-Butylbenzene
Concen: 24.174 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

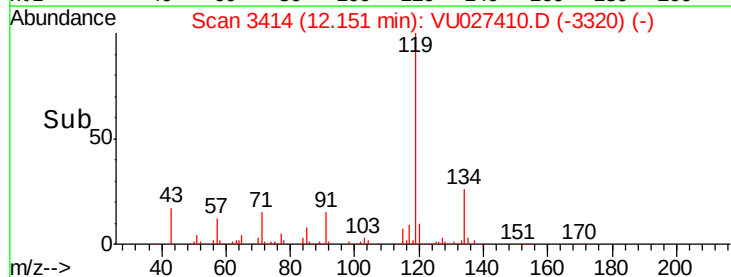
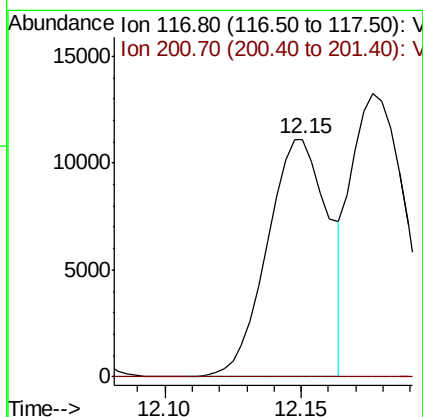
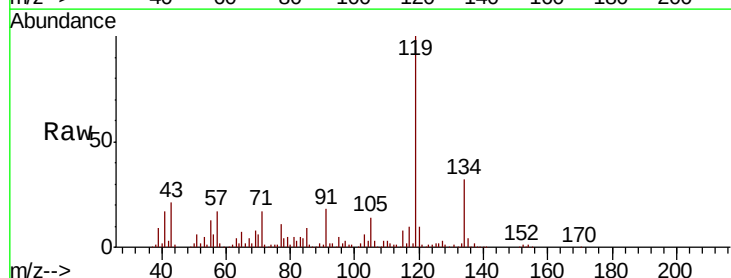
Instrument :
MSVOA_U
ClientSampleId :
HR-06-100218-A

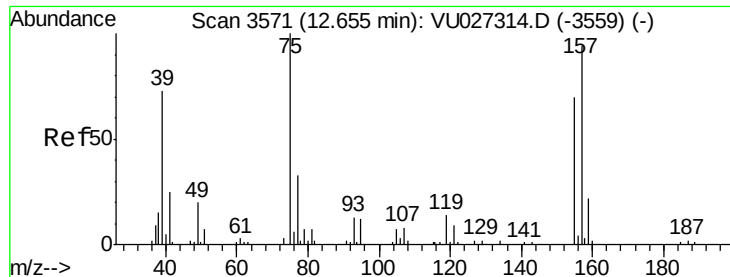
Tgt Ion: 91 Resp: 171275
Ion Ratio Lower Upper
91 100
92 35.7 27.0 81.0
134 87.4 11.7 35.1#



#90
Hexachloroethane
Concen: 13.236 ug/l
RT: 12.15 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VU027410.D
Acq: 04 Oct 2018 15:52

Tgt Ion: 117 Resp: 17412
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.361 ug/l

RT: 12.65 min Scan# 3570

Delta R.T. -0.00 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

Instrument :

MSVOA_U

ClientSampleId :

HR-06-100218-A

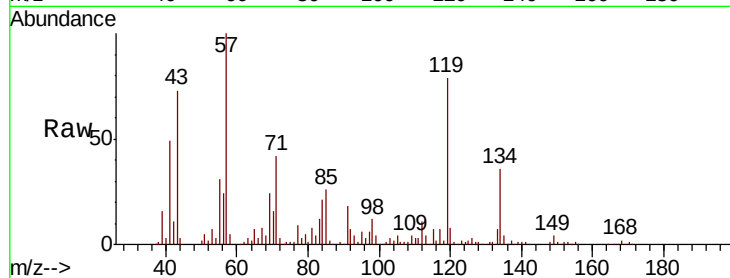
Tgt Ion: 75 Resp: 1689

Ion Ratio Lower Upper

75 100

155 98.7 35.9 107.8

157 0.0 46.9 140.6#

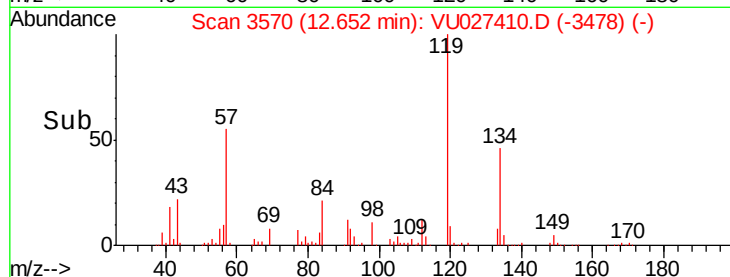


Abundance Ion 74.90 (74.60 to 75.60): VU027410.D (-3559) (-)

Ion 154.80 (154.50 to 155.50): VU027410.D (-3559) (-)

Ion 156.80 (156.50 to 157.50): VU027410.D (-3559) (-)

Time-->

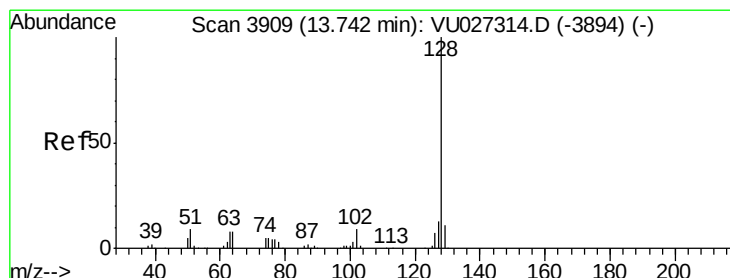


Abundance Ion 74.90 (74.60 to 75.60): VU027410.D (-3478) (-)

Ion 154.80 (154.50 to 155.50): VU027410.D (-3478) (-)

Ion 156.80 (156.50 to 157.50): VU027410.D (-3478) (-)

Time-->



#95

Naphthalene

Concen: 4.404 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027410.D

Acq: 04 Oct 2018 15:52

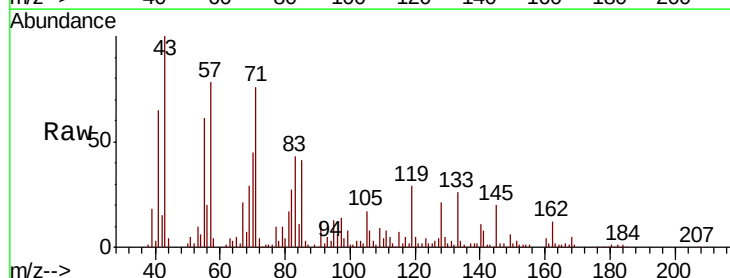
Tgt Ion: 128 Resp: 24282

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 32.3 8.6 12.8#

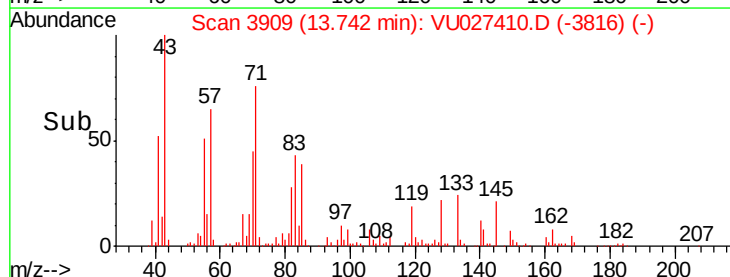


Abundance Ion 128.00 (127.70 to 128.70): VU027314.D (-3894) (-)

Ion 127.00 (126.70 to 127.70): VU027314.D (-3894) (-)

Ion 129.00 (128.70 to 129.70): VU027314.D (-3894) (-)

Time-->

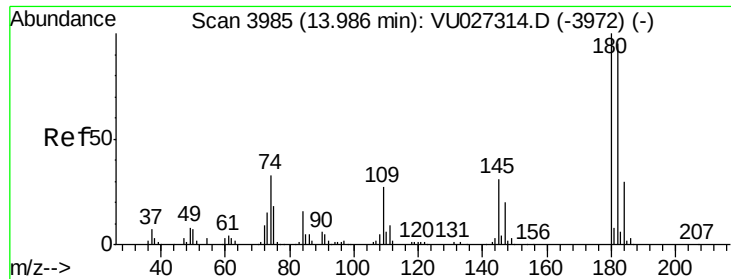


Abundance Ion 128.00 (127.70 to 128.70): VU027410.D (-3816) (-)

Ion 127.00 (126.70 to 127.70): VU027410.D (-3816) (-)

Ion 129.00 (128.70 to 129.70): VU027410.D (-3816) (-)

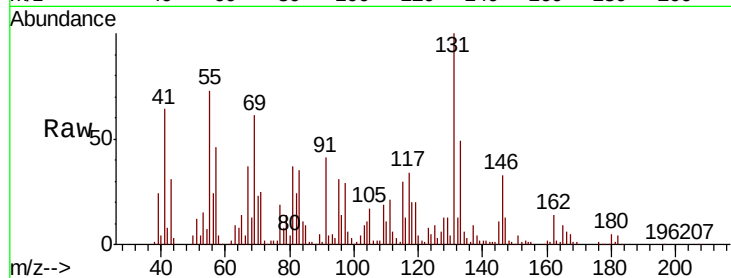
Time-->



#96
 1,2,3-Trichlorobenzene
 Concen: 1.260 ug/l
 RT: 13.94 min Scan# 3971
 Delta R.T. -0.04 min
 Lab File: VU027410.D
 Acq: 04 Oct 2018 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 HR-06-100218-A

Tgt Ion:180 Resp: 2990
 Ion Ratio Lower Upper
 180 100
 182 46.2 47.4 142.2#
 145 972.1 15.9 47.7#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

