

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112918\
 Data File : VU028403.D
 Acq On : 29 Nov 2018 18:53
 Operator : MD/SY
 Sample : J6134-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 30 07:06:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	252225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	482527	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	459780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	219797	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	224284	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
35) Dibromofluoromethane	4.88	113	161521	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	7.57	98	638993	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	10.30	95	238539	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	1967	0.429	ug/l #	88
5) Bromomethane	1.60	94	405	0.228	ug/l #	3
11) Tert butyl alcohol	2.83	59	9021	9.420	ug/l #	82
13) Acrolein	2.19	56	282	0.331	ug/l #	1
16) Acetone	2.32	43	23906	9.271	ug/l	98
17) Carbon Disulfide	2.48	76	3363	0.325	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	1059	0.339	ug/l #	73
25) 2-Butanone	4.28	43	6753	1.827	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	7558	2.045	ug/l	83
31) Cyclohexane	4.98	56	7449	0.681	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	24181	4.580	ug/l #	51
37) Ethyl Acetate	4.28	43	6753	0.938	ug/l #	71
38) Carbon Tetrachloride	4.98	117	25376	5.852	ug/l #	16
40) Benzene	5.39	78	37785	2.416	ug/l	99
51) 4-Methyl-2-Pentanone	7.47	43	1637	0.225	ug/l	89
52) Toluene	7.64	92	2523	0.280	ug/l	93
59) 2-Hexanone	8.16	43	5365	0.951	ug/l	76
67) Ethyl Benzene	9.25	91	98535	5.480	ug/l	97
68) m/p-Xylenes	9.38	106	12363	1.910	ug/l	89
69) o-Xylene	9.78	106	8423	1.309	ug/l	93
73) Isopropylbenzene	10.16	105	19523	1.142	ug/l	97
74) N-amyl acetate	10.05	43	4553	0.425	ug/l #	54
76) 1,2,3-Trichloropropane	10.30	75	128240	21.040	ug/l #	33
78) n-propylbenzene	10.59	91	41540	1.970	ug/l	99
79) 2-Chlorotoluene	10.59	91	41540	3.341	ug/l #	44
80) 1,3,5-Trimethylbenzene	10.77	105	20571	1.428	ug/l	92
81) trans-1,4-Dichloro-2-buten	10.30	75	128240	55.850	ug/l #	100
83) tert-Butylbenzene	11.10	119	10346	0.770	ug/l	91
84) 1,2,4-Trimethylbenzene	11.15	105	39375	2.699	ug/l	100
85) sec-Butylbenzene	11.32	105	7653	0.439	ug/l	95
89) n-Butylbenzene	11.89	91	9316	0.658	ug/l #	43
90) Hexachloroethane	12.25	117	8981	4.011	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.64	75	517	0.331	ug/l #	7
95) Naphthalene	13.74	128	53971	5.587	ug/l	98

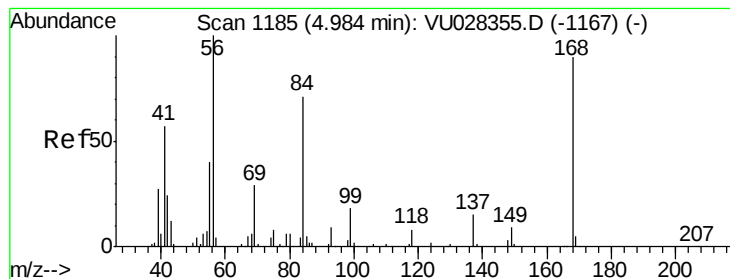
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112918\
Data File : VU028403.D
Acq On : 29 Nov 2018 18:53
Operator : MD/SY
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Quant Time: Nov 30 07:06:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

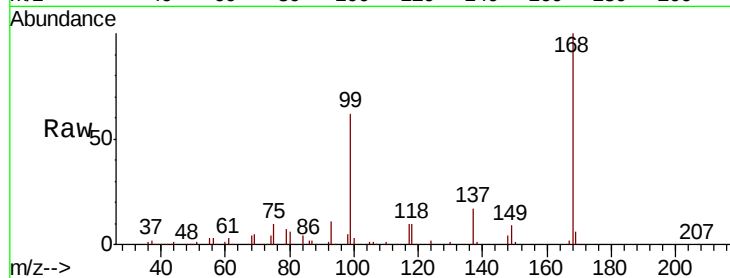
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 252225

Ion Ratio Lower Upper

168 100

99 62.4 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

120000

100000

80000

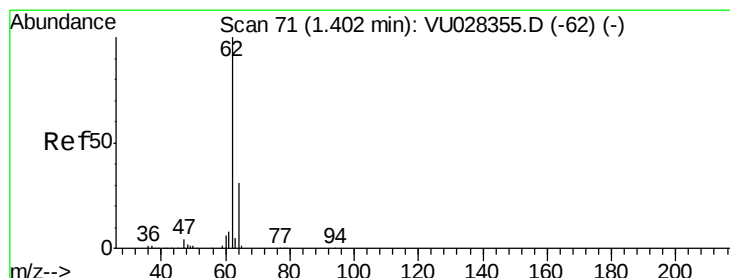
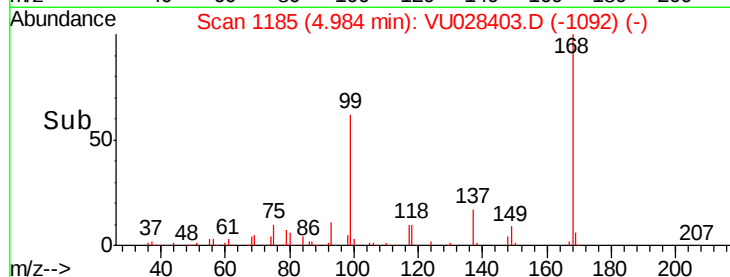
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 0.429 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028403.D

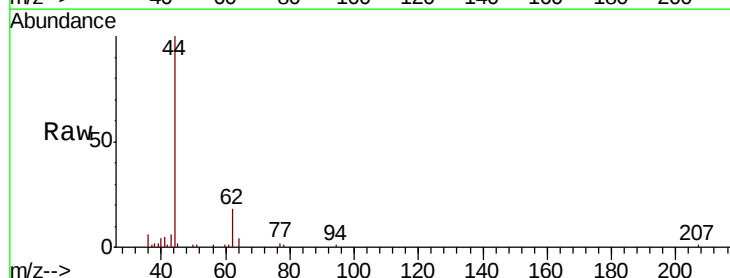
Acq: 29 Nov 2018 18:53

Tgt Ion: 62 Resp: 1967

Ion Ratio Lower Upper

62 100

64 24.6 25.0 37.4#



Abundance Ion 61.90 (61.60 to 62.60): VU028355.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU028355.D (-62) (-)

1.40

2000

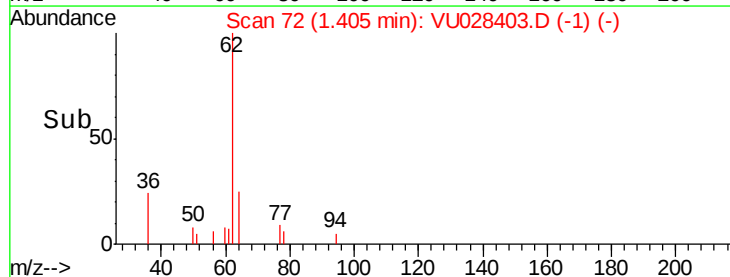
1500

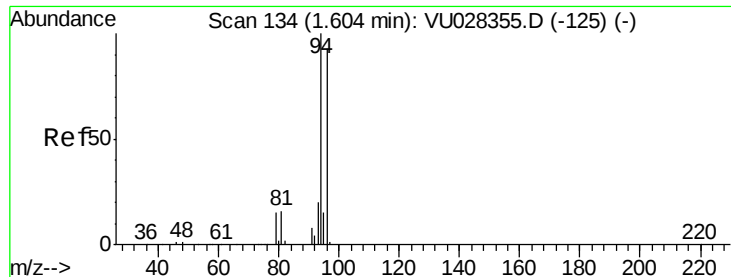
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.228 ug/l

RT: 1.60 min Scan# 133

Delta R.T. -0.00 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :

MSVOA_U

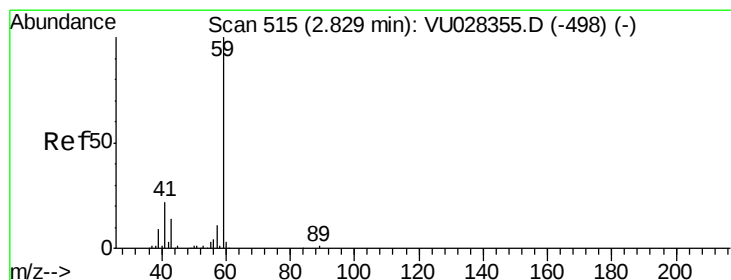
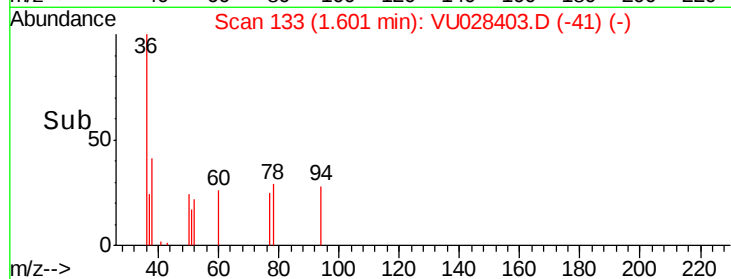
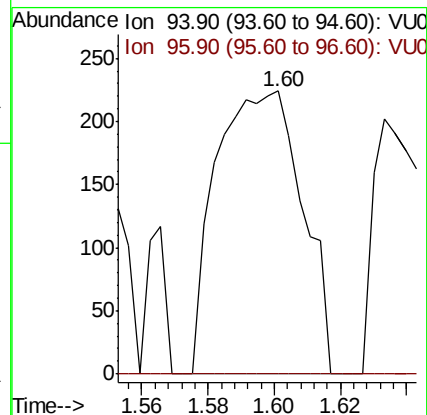
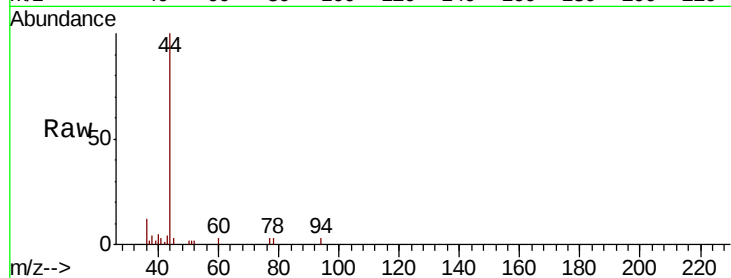
ClientSampled :

Tot Ion: 94 Resp: 405

Ion Ratio Lower Upper

94 100

96 0.0 74.6 112.0#



#11

Tert butyl alcohol

Concen: 9.420 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU028403.D

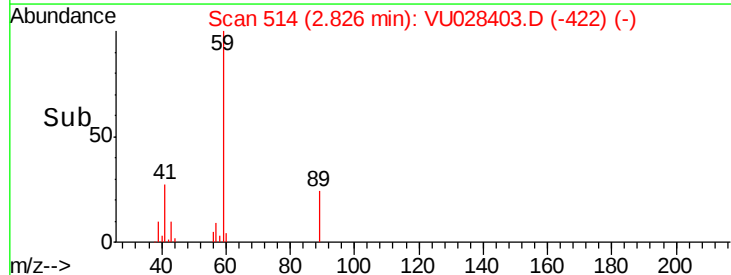
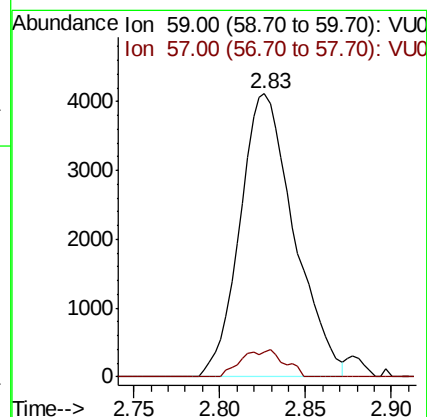
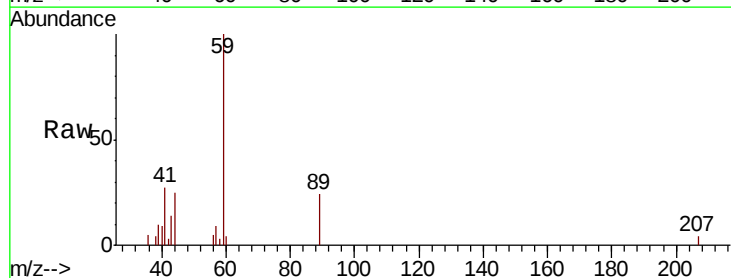
Acq: 29 Nov 2018 18:53

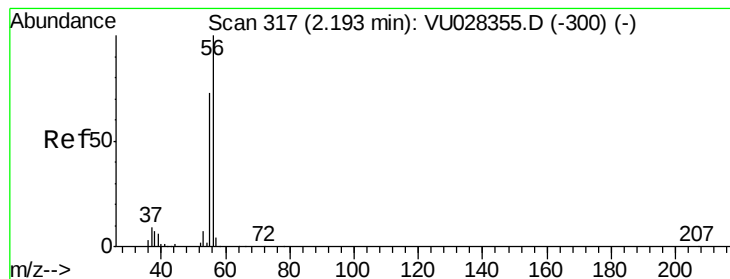
Tgt Ion: 59 Resp: 9021

Ion Ratio Lower Upper

59 100

57 3.6 8.3 12.5#





#13

Acrolein

Concen: 0.331 ug/l

RT: 2.19 min Scan# 316

Delta R.T. -0.00 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :

MSVOA_U

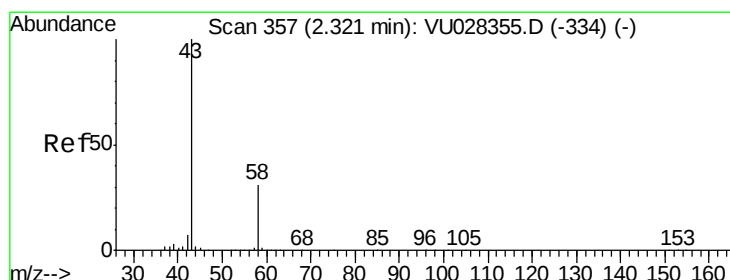
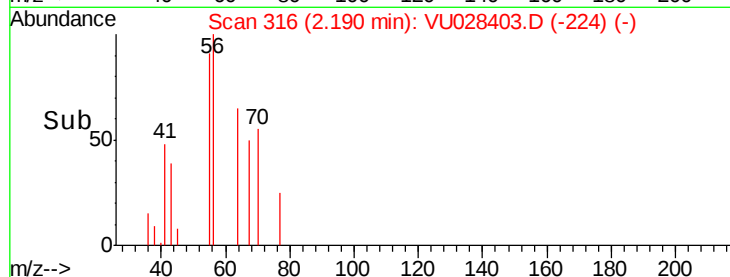
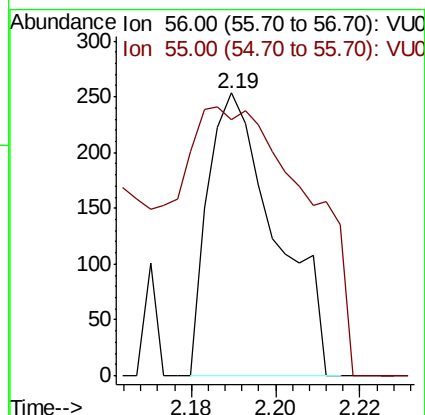
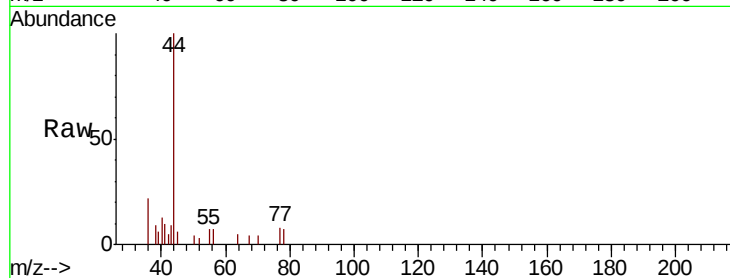
ClientSampleId :

Tot Ion: 56 Resp: 282

Ion Ratio Lower Upper

56 100

55 173.0 56.6 85.0#



#16

Acetone

Concen: 9.271 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028403.D

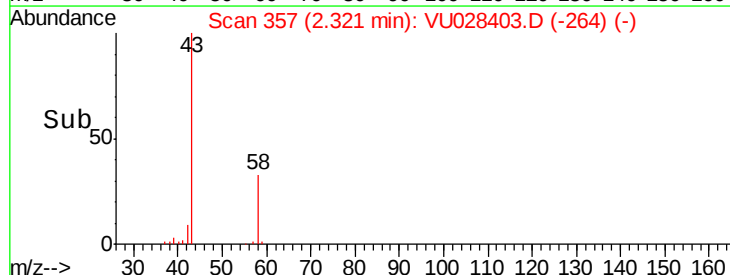
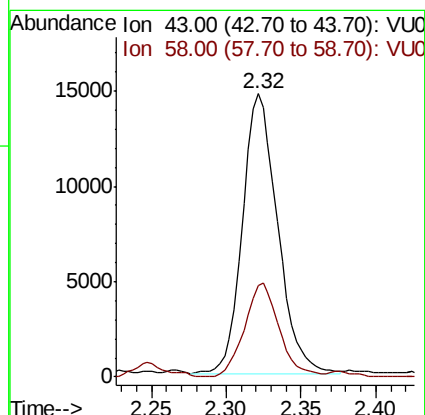
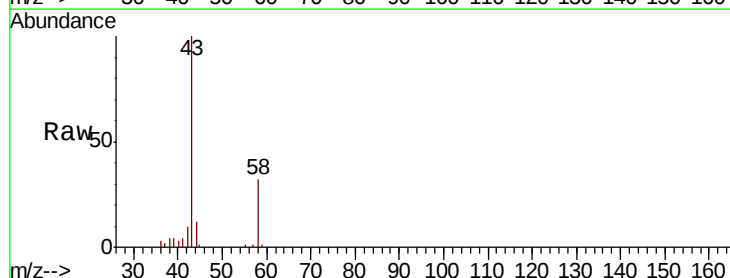
Acq: 29 Nov 2018 18:53

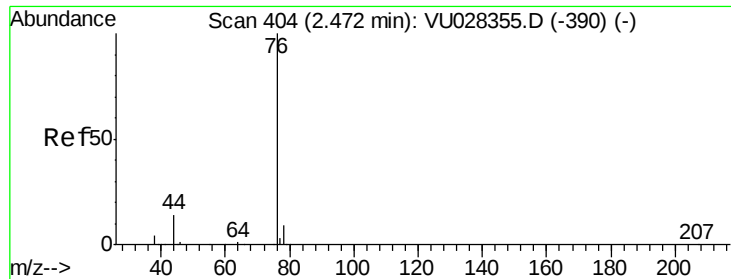
Tgt Ion: 43 Resp: 23906

Ion Ratio Lower Upper

43 100

58 31.8 24.4 36.6

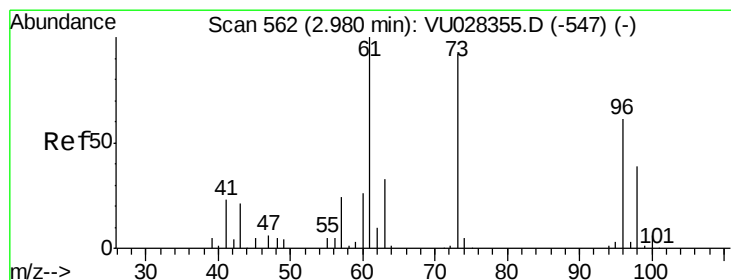
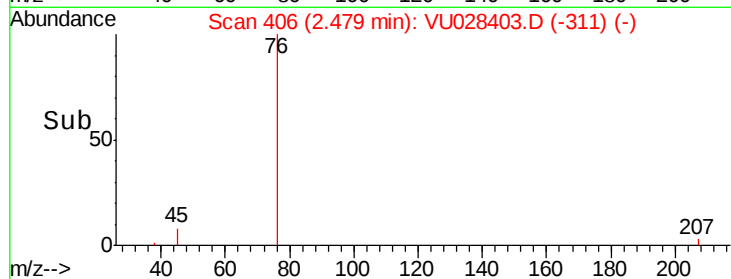
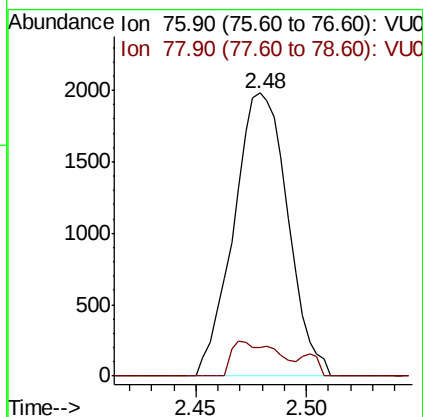
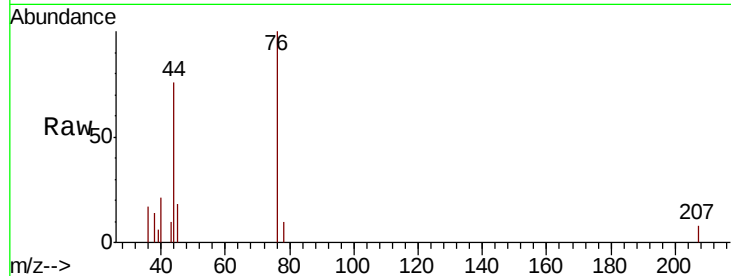




#17
Carbon Disulfide
Concen: 0.325 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.01 min
Lab File: VU028403.D
Acq: 29 Nov 2018 18:53

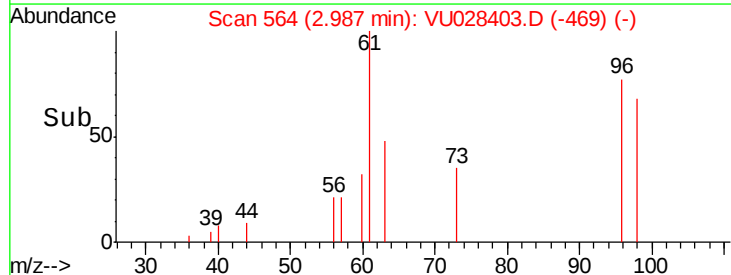
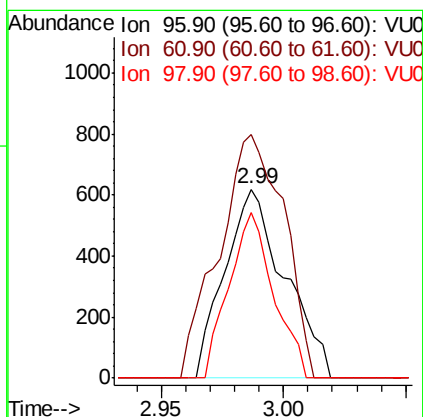
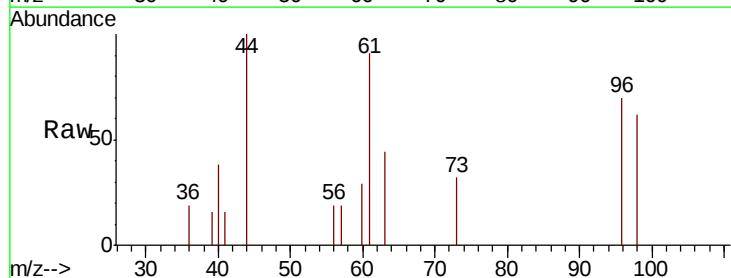
Instrument :
MSVOA_U
ClientSampleId :

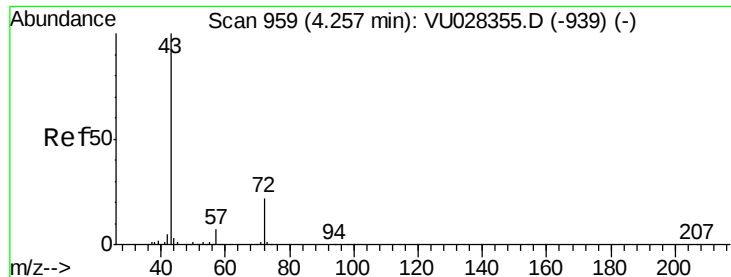
Tot Ion: 76 Resp: 3363
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2



#21
trans-1,2-Dichloroethene
Concen: 0.339 ug/l
RT: 2.99 min Scan# 564
Delta R.T. 0.01 min
Lab File: VU028403.D
Acq: 29 Nov 2018 18:53

Tgt Ion: 96 Resp: 1059
Ion Ratio Lower Upper
96 100
61 129.1 131.1 196.7#
98 87.5 51.7 77.5#

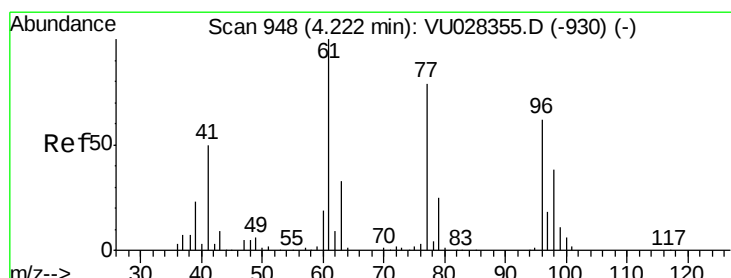
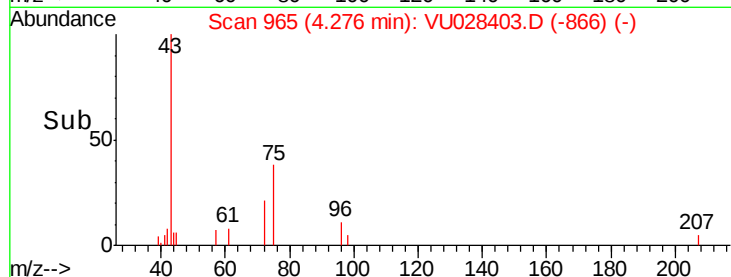
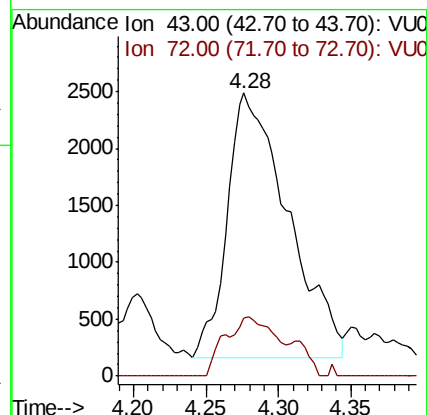
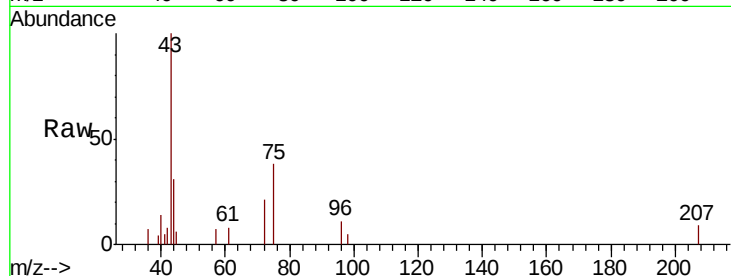




#25
2-Butanone
Concen: 1.827 ug/l
RT: 4.28 min Scan# 965
Delta R.T. 0.02 min
Lab File: VU028403.D
Acq: 29 Nov 2018 18:53

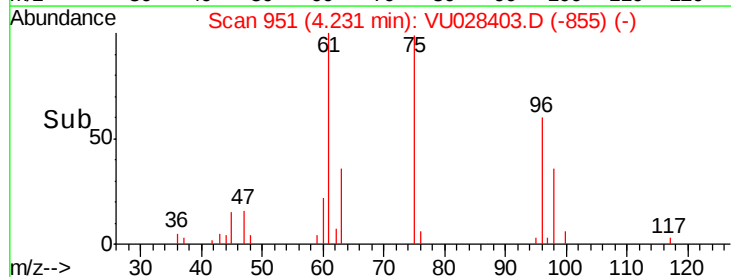
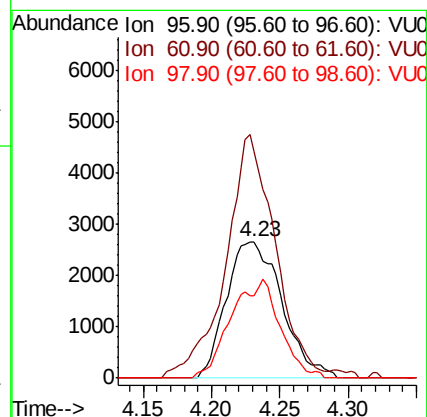
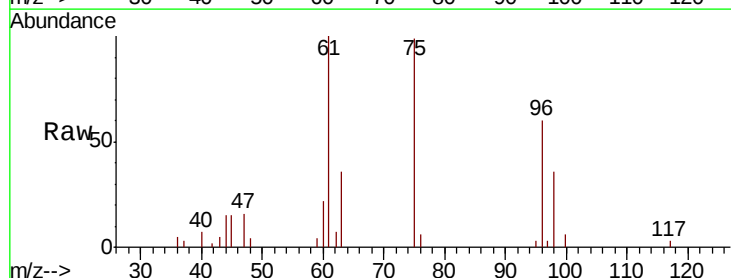
Instrument :
MSVOA_U
ClientSampled :

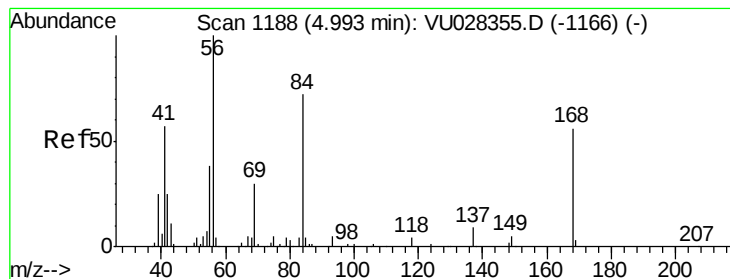
Tot Ion: 43 Resp: 6753
Ion Ratio Lower Upper
43 100
72 21.9 17.7 26.5



#27
cis-1,2-Dichloroethene
Concen: 2.045 ug/l
RT: 4.23 min Scan# 951
Delta R.T. 0.01 min
Lab File: VU028403.D
Acq: 29 Nov 2018 18:53

Tgt Ion: 96 Resp: 7558
Ion Ratio Lower Upper
96 100
61 158.2 0.0 342.0
98 33.2 0.0 126.4





#31

Cyclohexane

Concen: 0.681 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.01 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :
MSVOA_U
ClientSampled :

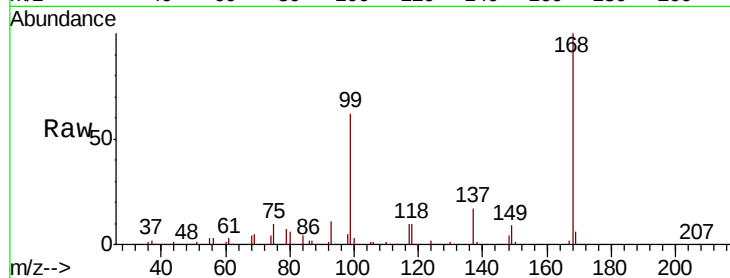
Tot Ion: 56 Resp: 7449

Ion Ratio Lower Upper

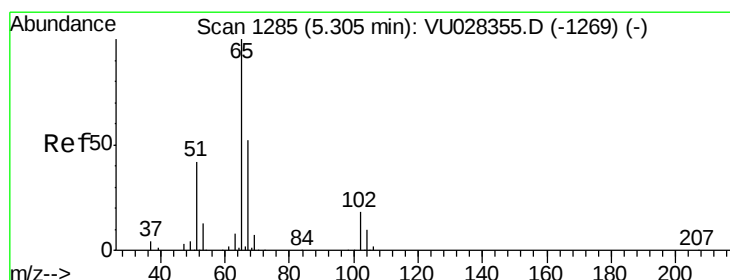
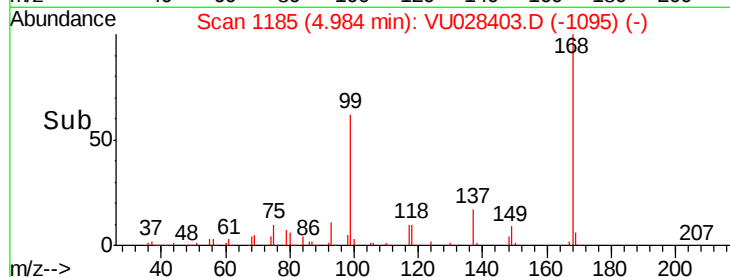
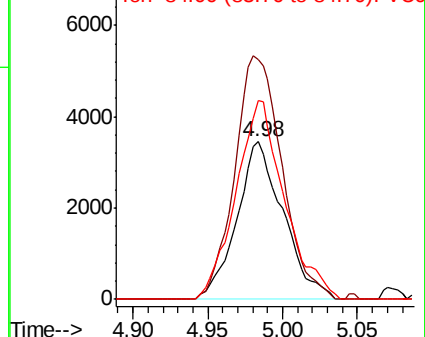
56 100

69 151.7 23.7 35.5#

84 125.9 57.3 85.9#



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



#33

1,2-Dichloroethane-d4

Concen: 53.207 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028403.D

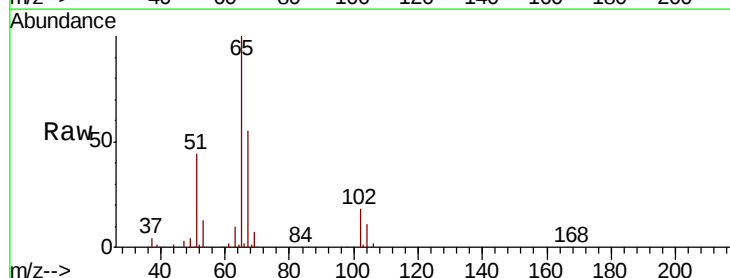
Acq: 29 Nov 2018 18:53

Tgt Ion: 65 Resp: 224284

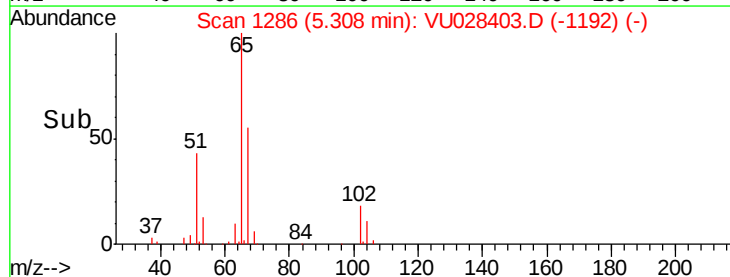
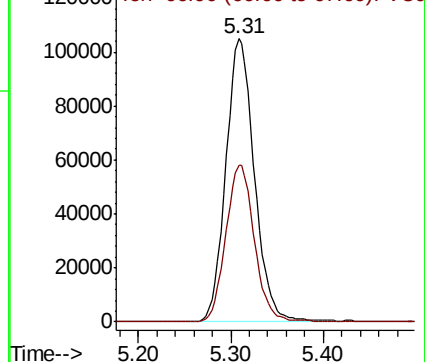
Ion Ratio Lower Upper

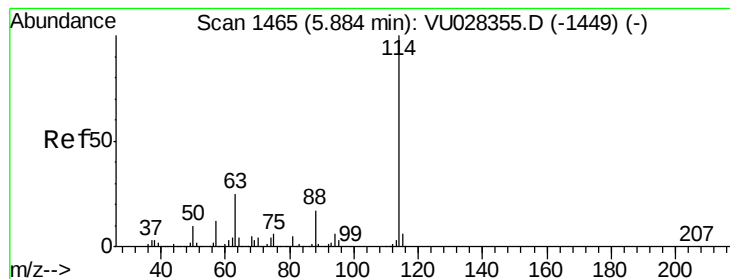
65 100

67 55.4 0.0 106.8



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :

MSVOA_U

ClientSampleId :

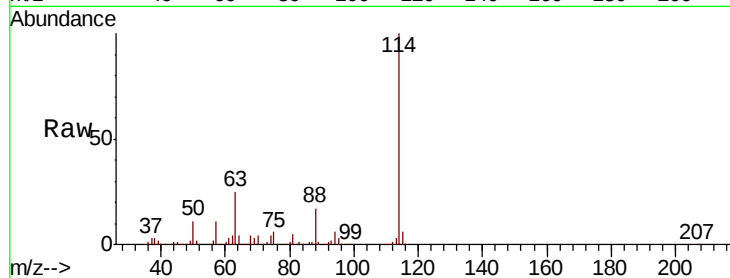
Tot Ion:114 Resp: 482527

Ion Ratio Lower Upper

114 100

63 25.2 0.0 50.0

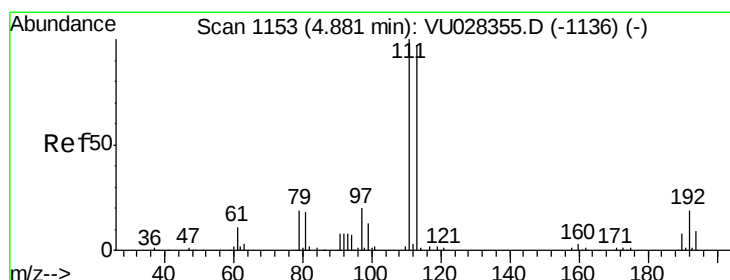
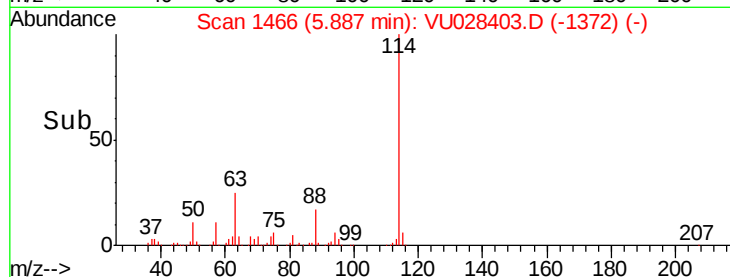
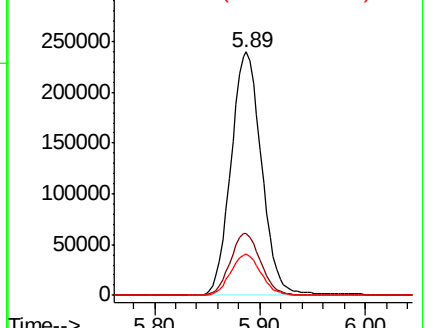
88 16.9 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 50.340 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

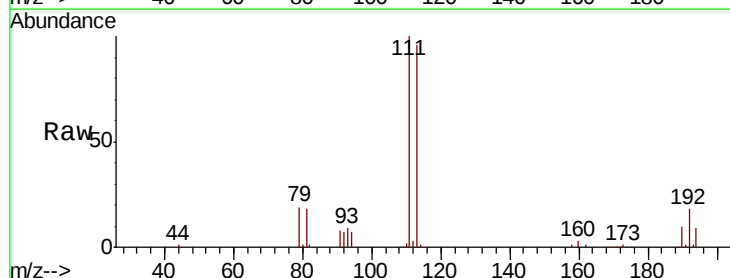
Tgt Ion:113 Resp: 161521

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

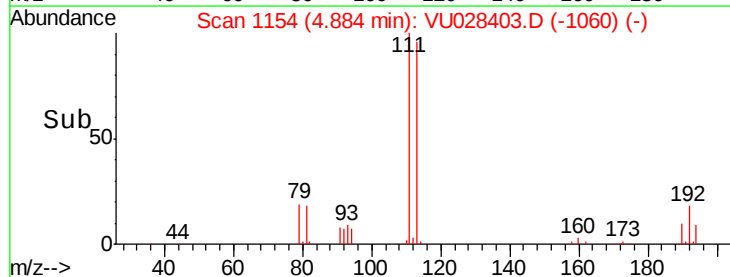
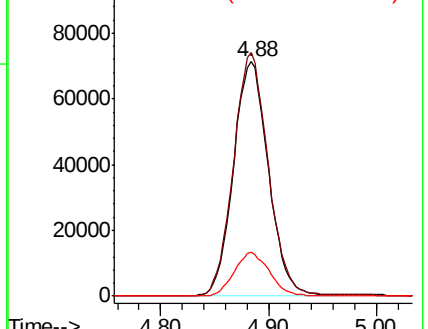
192 18.8 15.4 23.0

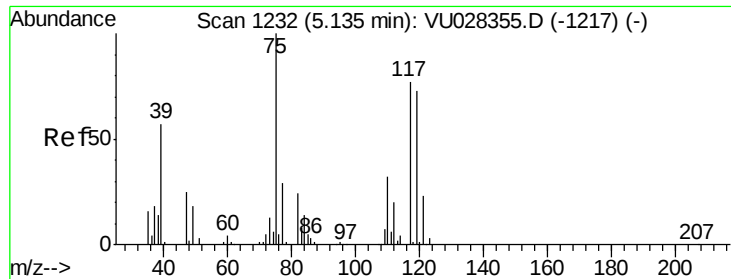


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.580 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :
MSVOA_U
ClientSampled :

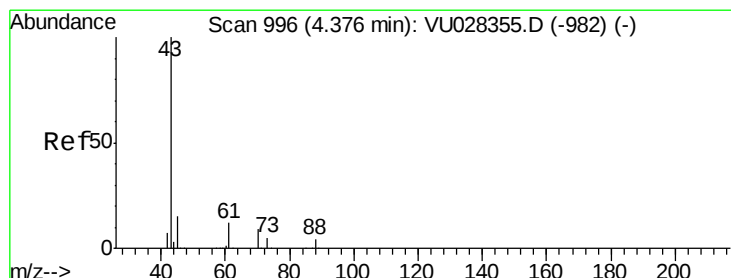
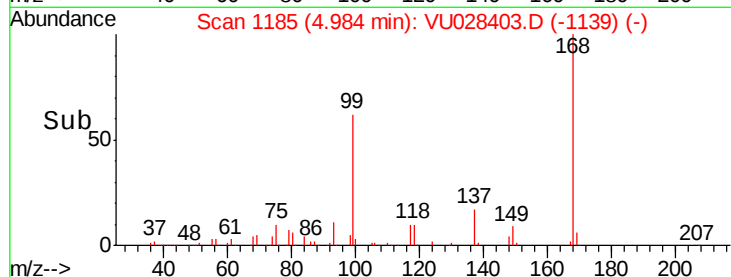
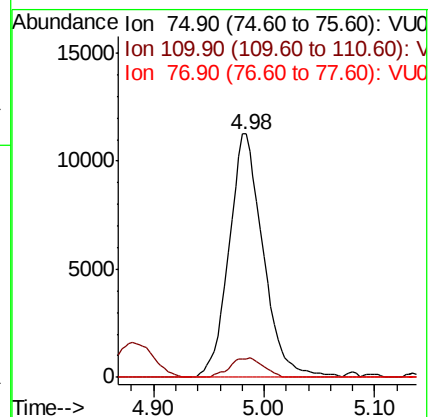
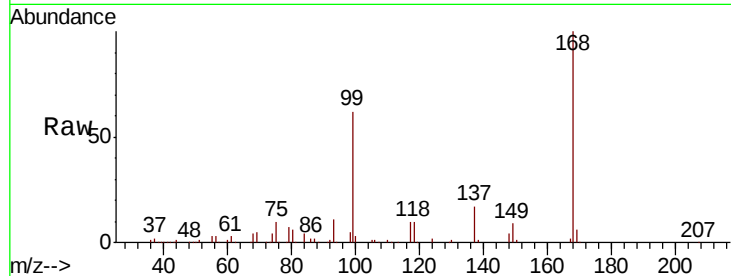
Tot Ion: 75 Resp: 24181

Ion Ratio Lower Upper

75 100

110 7.9 15.8 47.4#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 0.938 ug/l

RT: 4.28 min Scan# 965

Delta R.T. -0.10 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

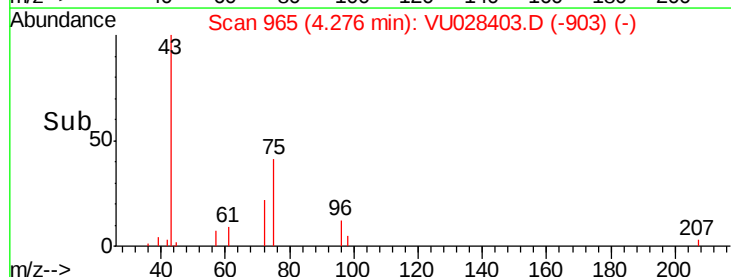
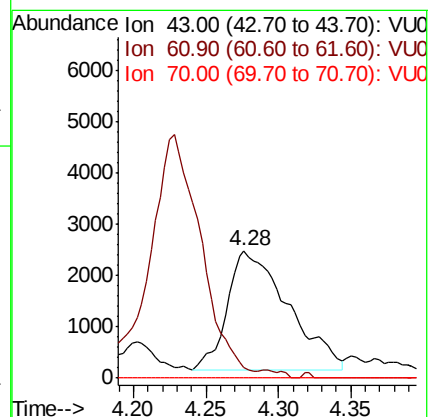
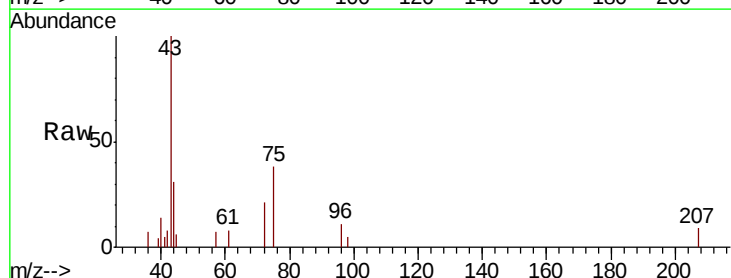
Tgt Ion: 43 Resp: 6753

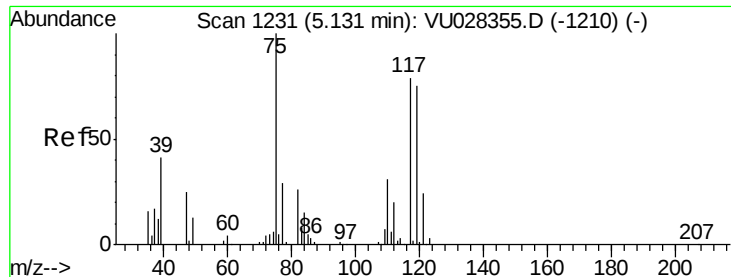
Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

70 0.0 6.9 10.3#





#38

Carbon Tetrachloride

Concen: 5.852 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :

MSVOA_U

ClientSampled :

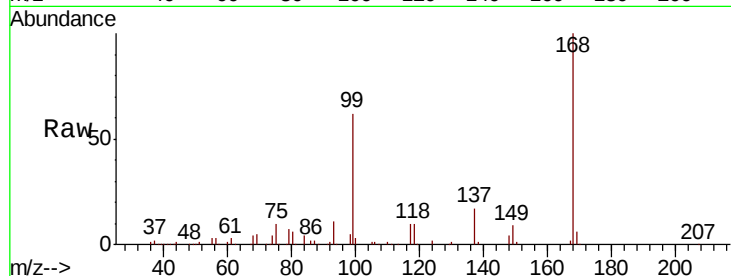
Tot Ion:117 Resp: 25376

Ion Ratio Lower Upper

117 100

119 4.9 76.3 114.5#

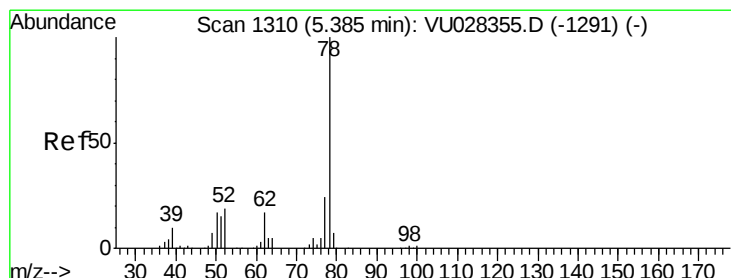
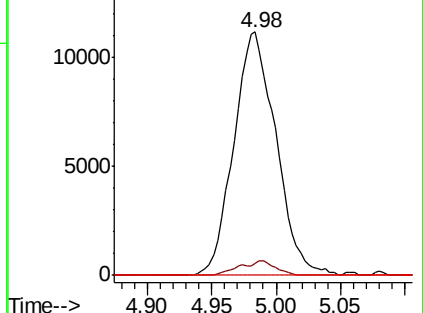
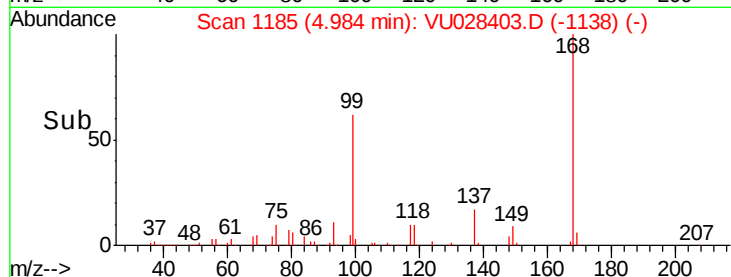
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 2.416 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VU028403.D

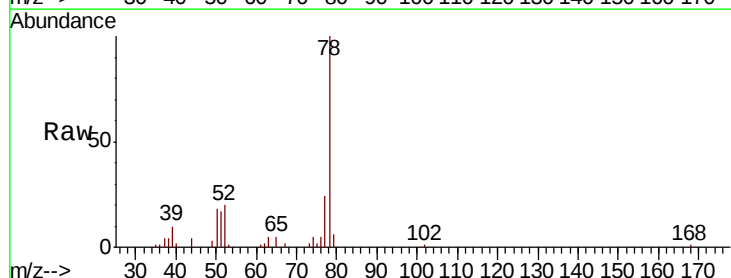
Acq: 29 Nov 2018 18:53

Tgt Ion: 78 Resp: 37785

Ion Ratio Lower Upper

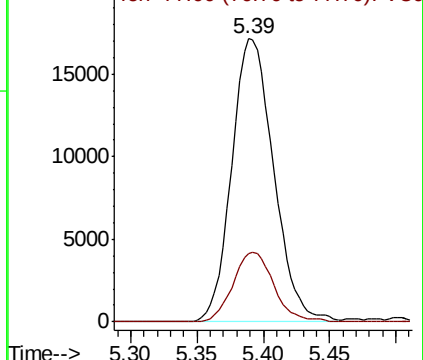
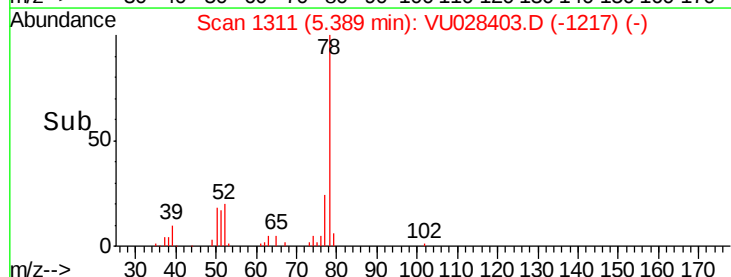
78 100

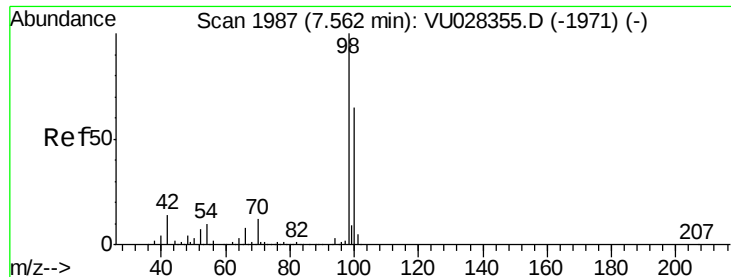
77 24.1 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#50

Toluene-d8

Concen: 49.796 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :

MSVOA_U

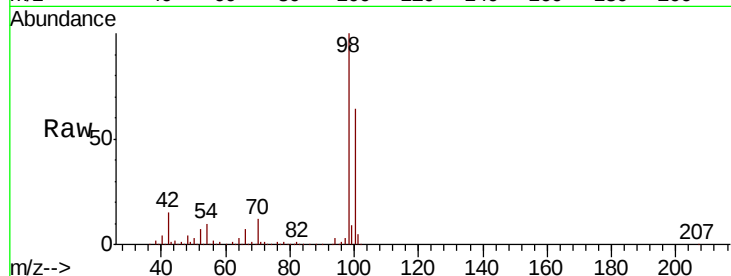
ClientSampleId :

Tot Ion: 98 Resp: 638993

Ion Ratio Lower Upper

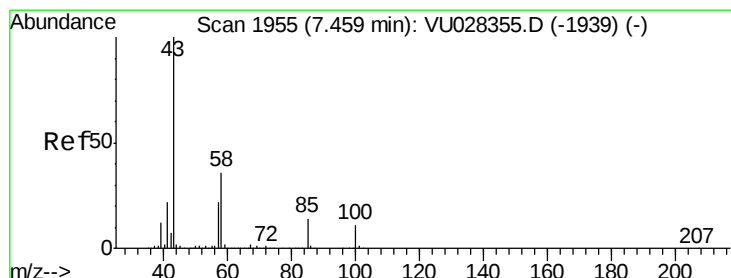
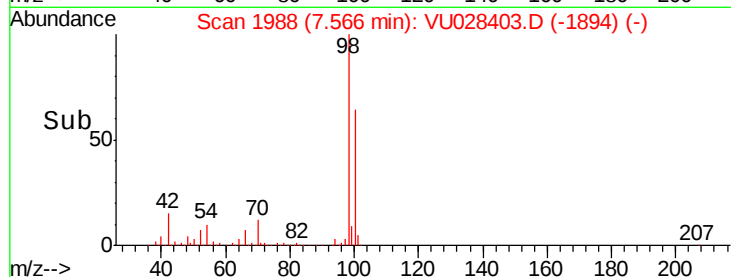
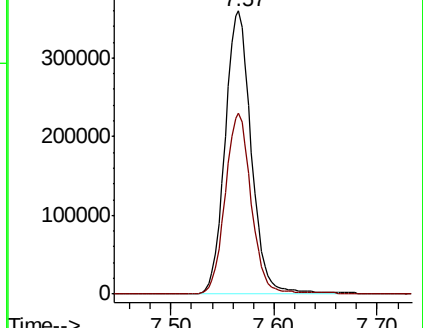
98 100

100 64.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)

Ion 100.00 (99.70 to 100.70): VU028355.D (-1971) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.225 ug/l

RT: 7.47 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VU028403.D

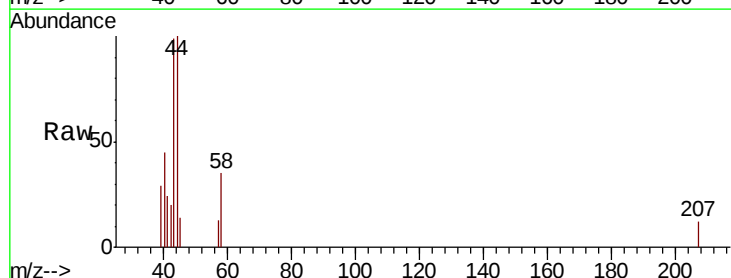
Acq: 29 Nov 2018 18:53

Tgt Ion: 43 Resp: 1637

Ion Ratio Lower Upper

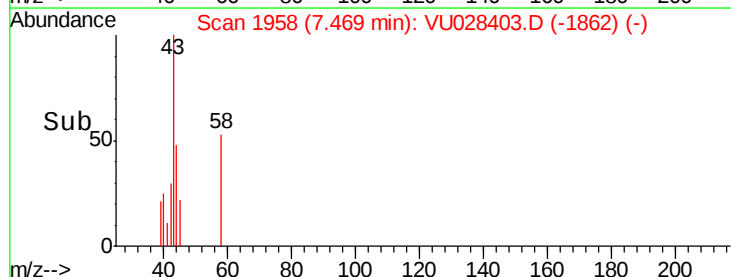
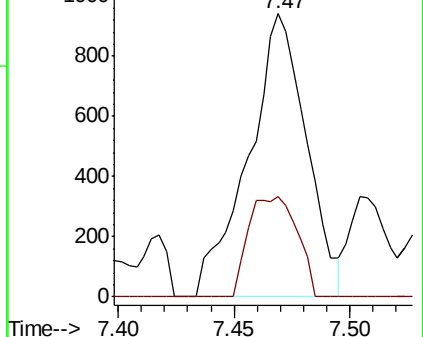
43 100

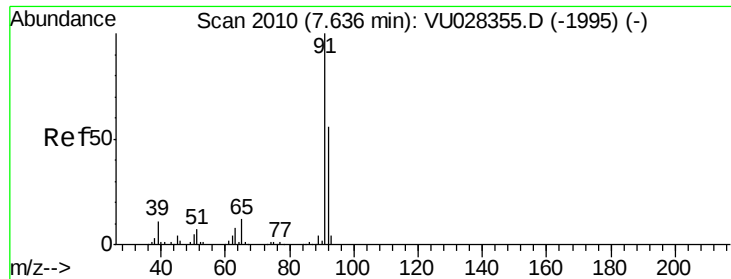
58 29.7 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-1939) (-)





#52

Toluene

Concen: 0.280 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :

MSVOA_U

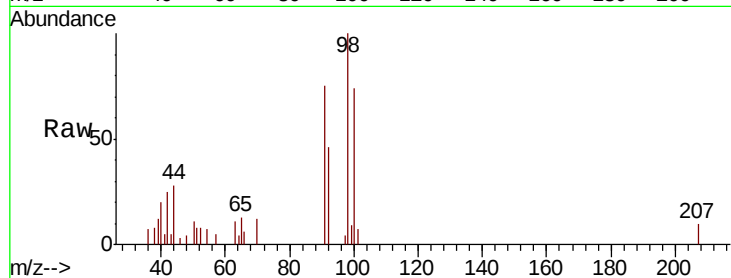
ClientSampled :

Tot Ion: 92 Resp: 2523

Ion Ratio Lower Upper

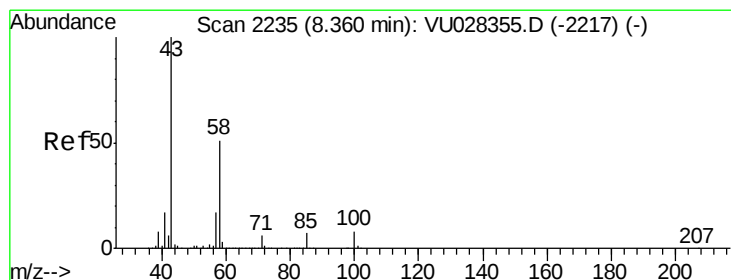
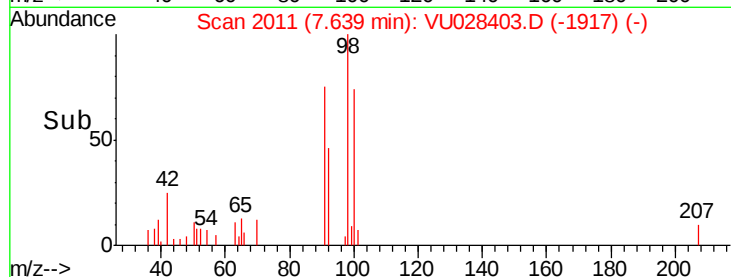
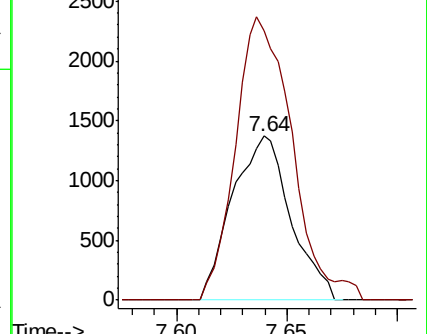
92 100

91 167.1 141.8 212.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#59

2-Hexanone

Concen: 0.951 ug/l

RT: 8.16 min Scan# 2174

Delta R.T. -0.20 min

Lab File: VU028403.D

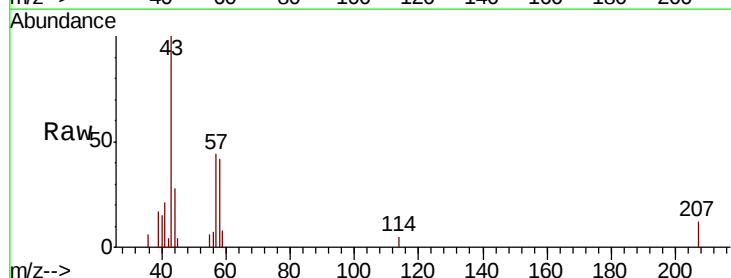
Acq: 29 Nov 2018 18:53

Tgt Ion: 43 Resp: 5365

Ion Ratio Lower Upper

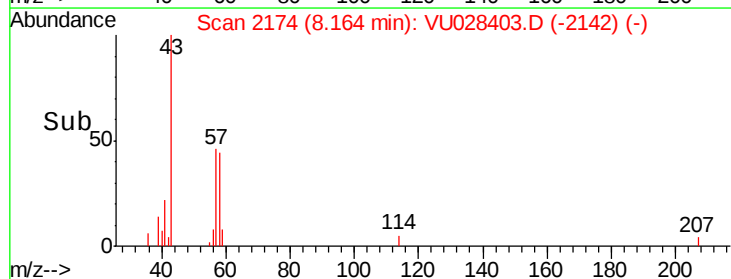
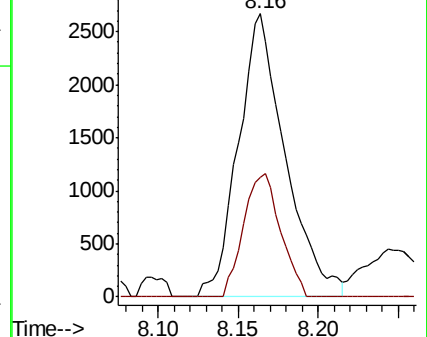
43 100

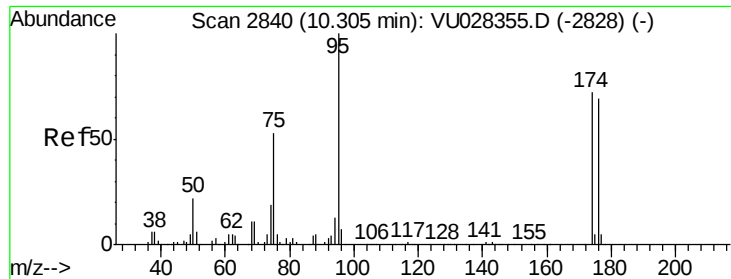
58 34.1 25.5 76.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 51.575 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :

MSVOA_U

ClientSampleId :

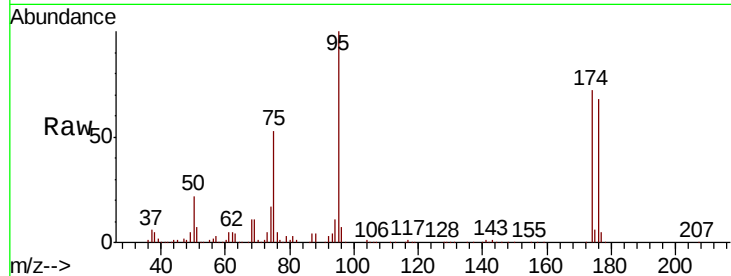
Tot Ion: 95 Resp: 238539

Ion Ratio Lower Upper

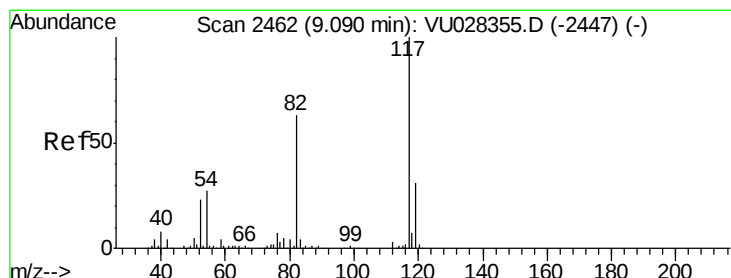
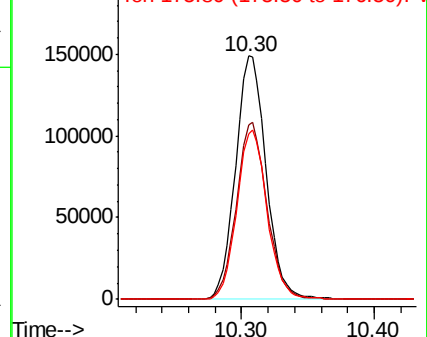
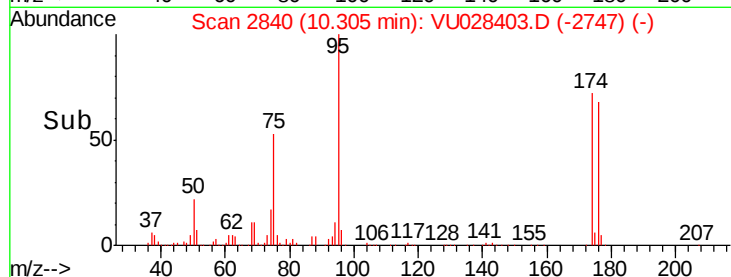
95 100

174 72.8 0.0 145.4

176 69.0 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU028403.D (-2747) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

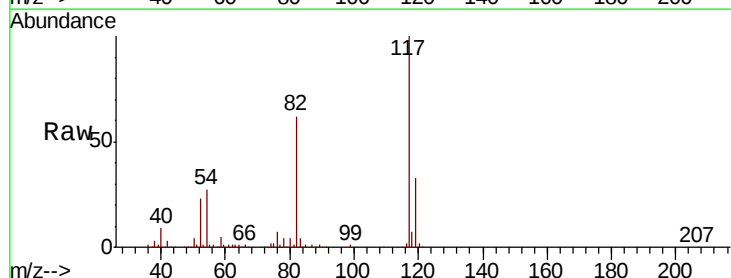
Tgt Ion: 117 Resp: 459780

Ion Ratio Lower Upper

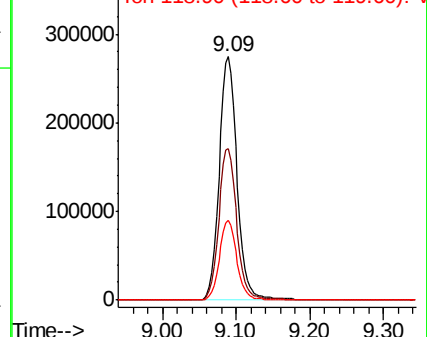
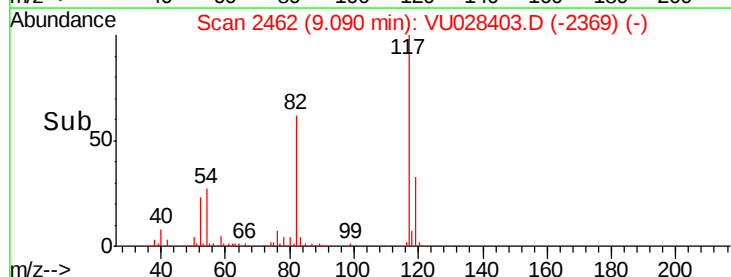
117 100

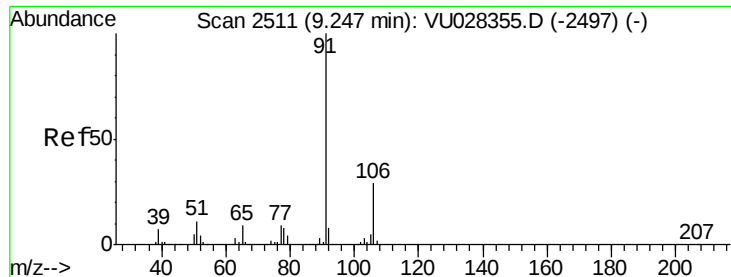
82 62.4 50.3 75.5

119 32.6 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): VU028403.D (-2369) (-)

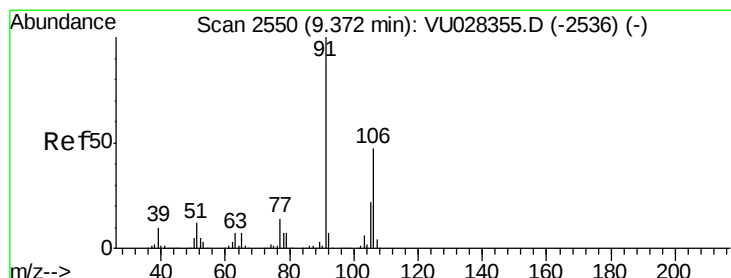
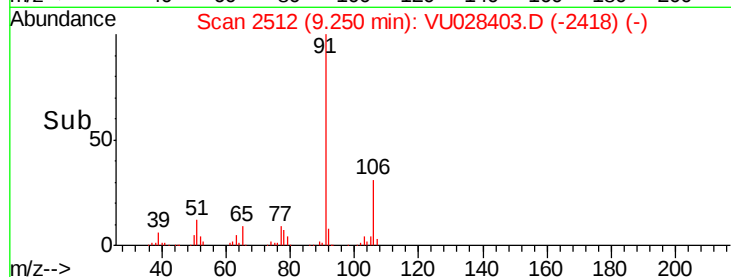
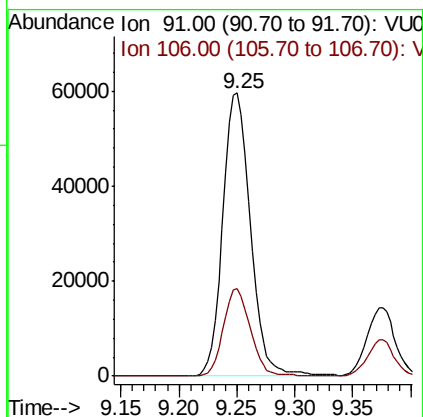
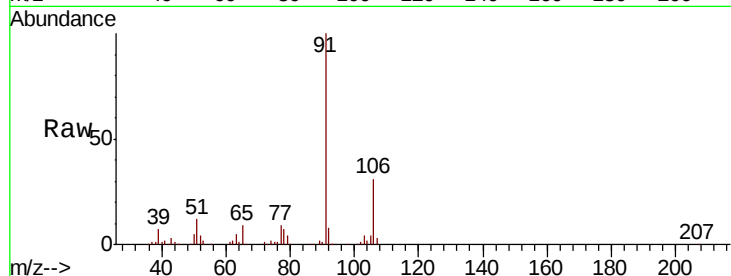




#67
Ethyl Benzene
Concen: 5.480 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028403.D
Acq: 29 Nov 2018 18:53

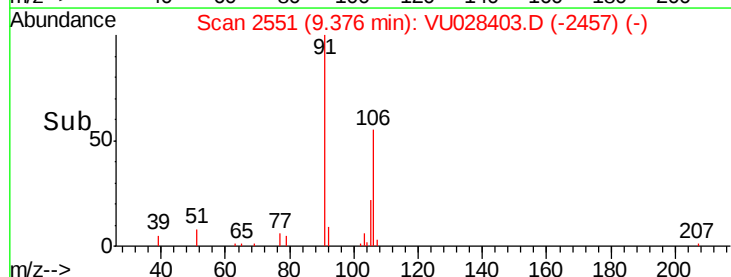
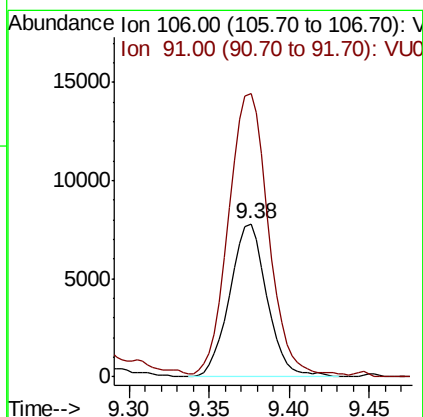
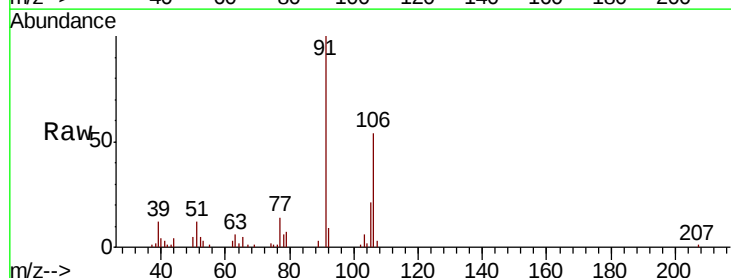
Instrument :
MSVOA_U
ClientSampleId :

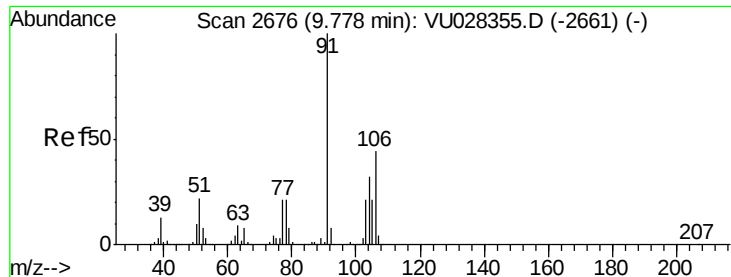
Tot Ion: 91 Resp: 98535
Ion Ratio Lower Upper
91 100
106 30.8 23.3 34.9



#68
m/p-Xylenes
Concen: 1.910 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028403.D
Acq: 29 Nov 2018 18:53

Tgt Ion: 106 Resp: 12363
Ion Ratio Lower Upper
106 100
91 195.9 171.0 256.6

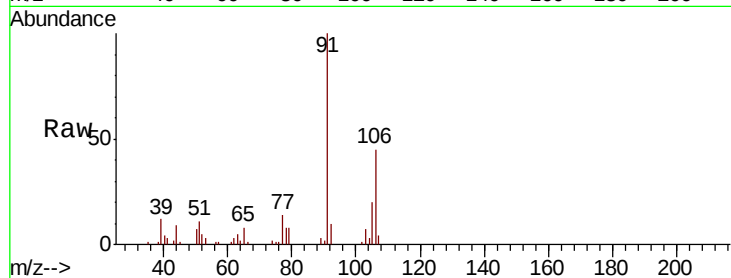




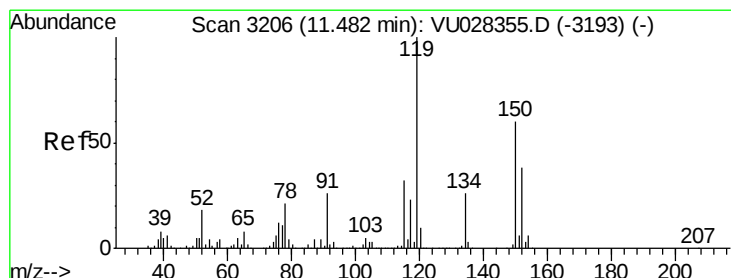
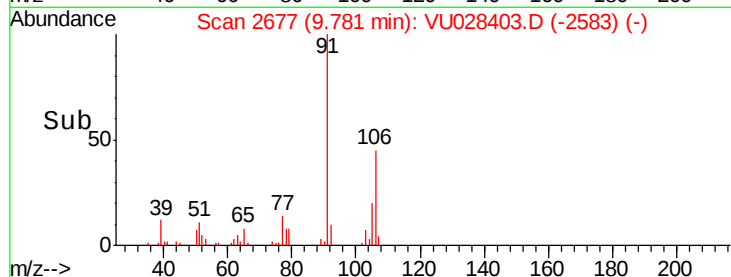
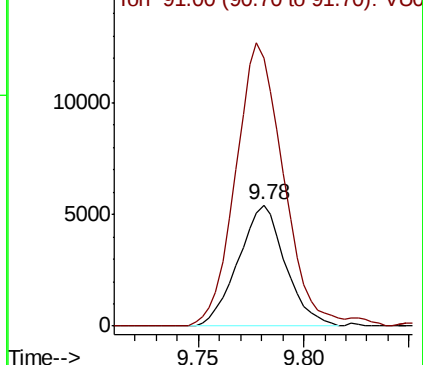
#69
o-Xylene
Concen: 1.309 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028403.D
Acq: 29 Nov 2018 18:53

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 8423
Ion Ratio Lower Upper
106 100
91 235.9 112.7 338.0

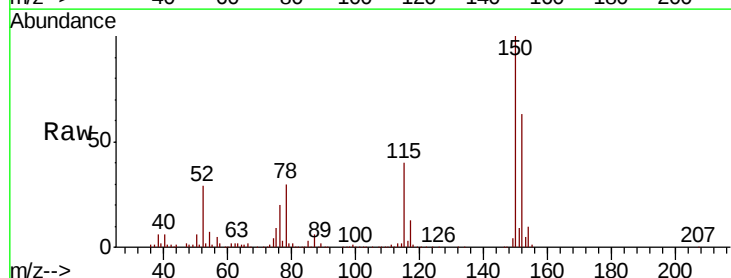


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

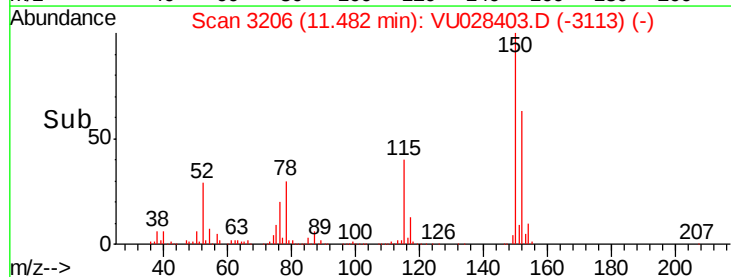
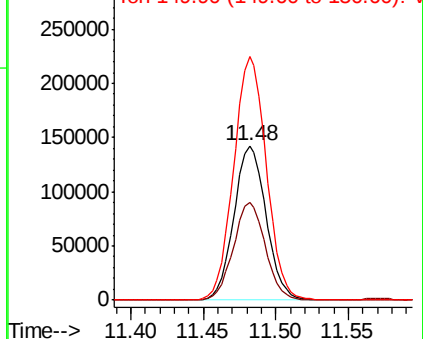


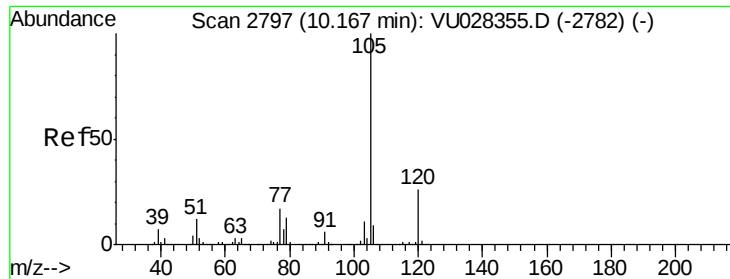
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028403.D
Acq: 29 Nov 2018 18:53

Tgt Ion:152 Resp: 219797
Ion Ratio Lower Upper
152 100
115 63.1 45.0 134.8
150 159.8 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: 1.142 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :

MSVOA_U

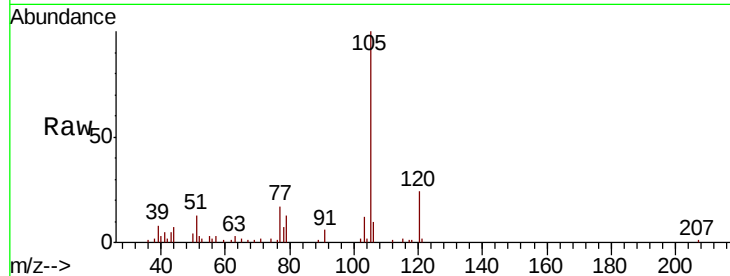
ClientSampleId :

Tot Ion:105 Resp: 19523

Ion Ratio Lower Upper

105 100

120 23.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

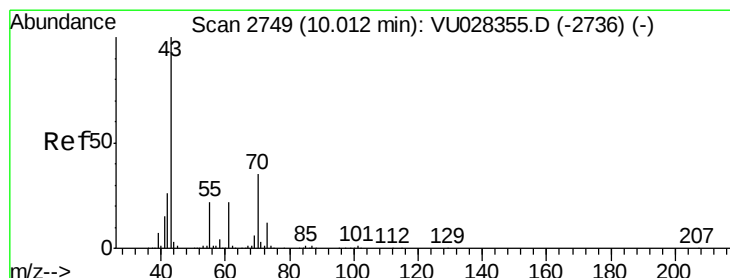
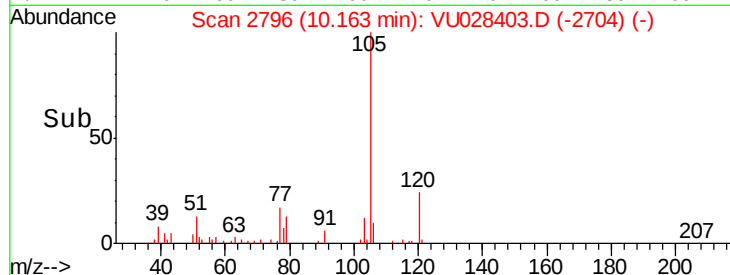
10.16

10000

5000

0

Time-->



#74

N-ethyl acetate

Concen: 0.425 ug/l

RT: 10.05 min Scan# 2760

Delta R.T. 0.04 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Tgt Ion: 43 Resp: 4553

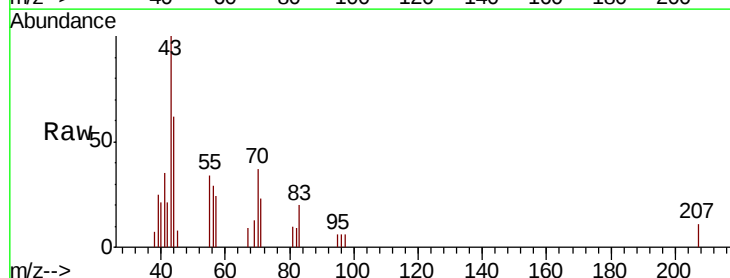
Ion Ratio Lower Upper

43 100

70 0.0 28.4 42.6#

55 33.9 18.0 27.0#

61 0.0 17.6 26.4#



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

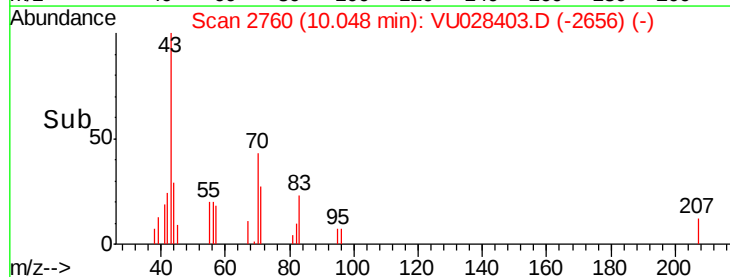
3000

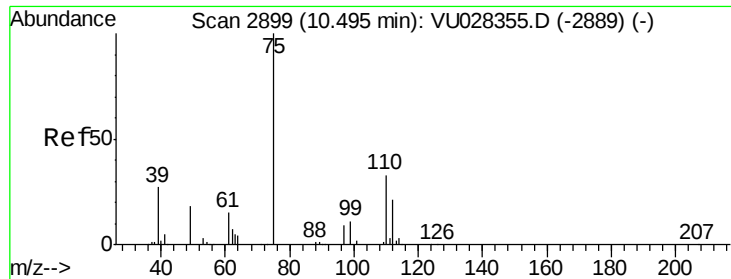
2000

1000

0

Time-->

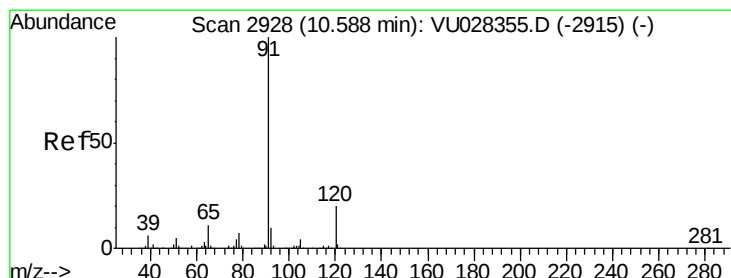
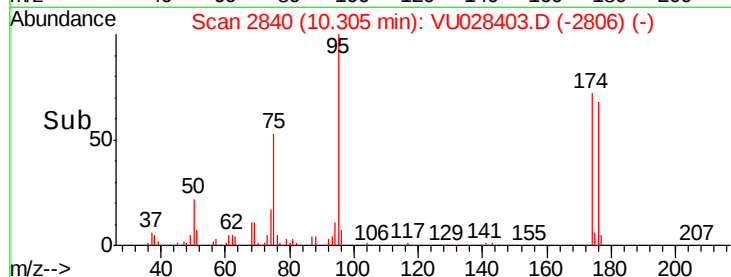
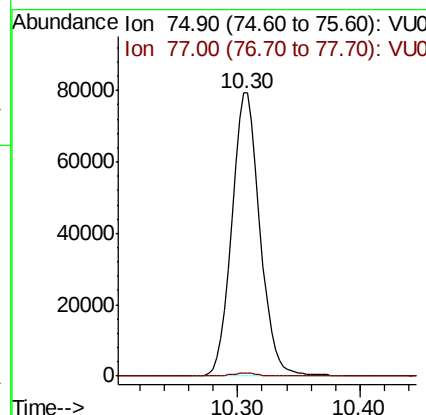
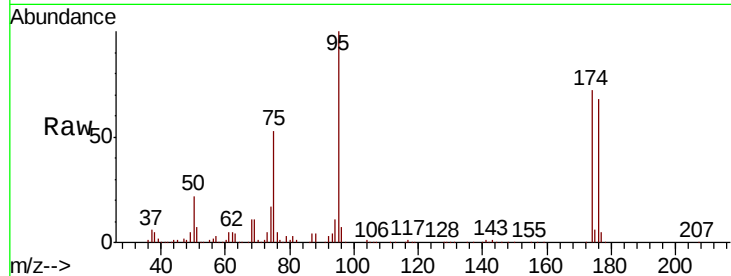




#76
 1,2,3-Trichloropropane
 Concen: 21.040 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028403.D
 Acq: 29 Nov 2018 18:53

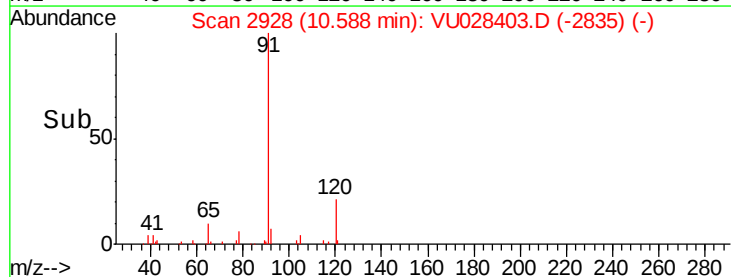
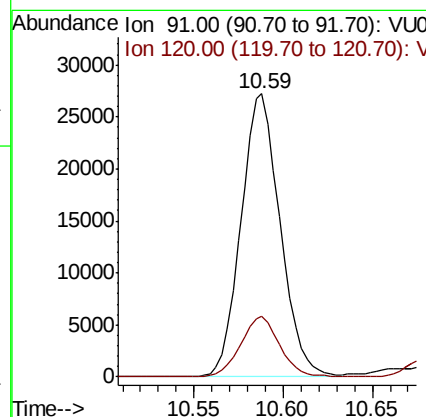
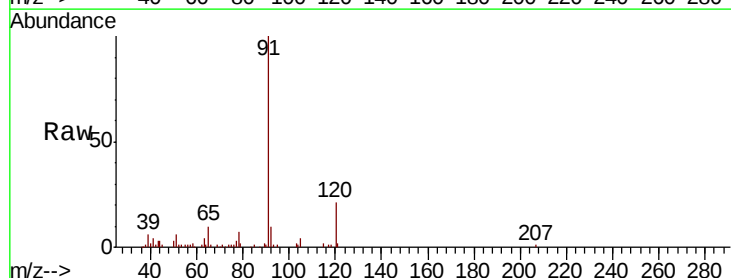
Instrument :
 MSVOA_U
 ClientSampled :

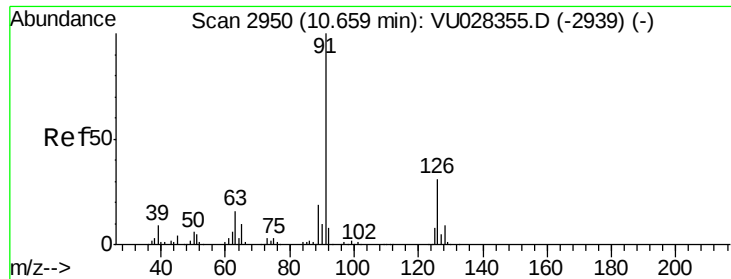
Tot Ion: 75 Resp: 128240
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.4 67.0#



#78
 n-propylbenzene
 Concen: 1.970 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VU028403.D
 Acq: 29 Nov 2018 18:53

Tgt Ion: 91 Resp: 41540
 Ion Ratio Lower Upper
 91 100
 120 21.1 10.3 30.8





#79

2-Chlorotoluene

Concen: 3.341 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.07 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :

MSVOA_U

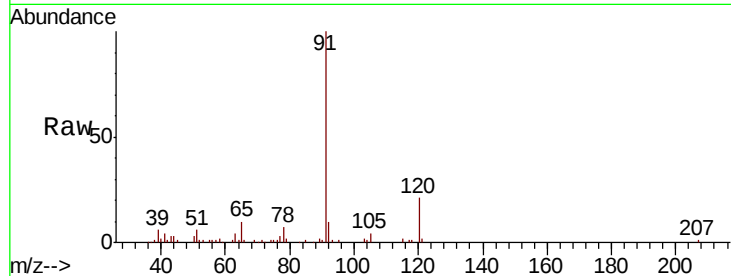
ClientSampleId :

Tot Ion: 91 Resp: 41540

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.1#

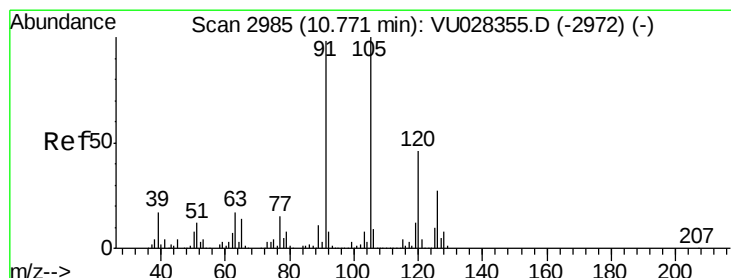
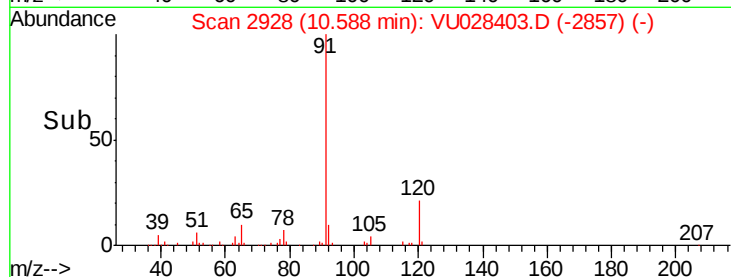


Abundance Ion 91.00 (90.70 to 91.70): VU028355.D (-2939) (-)

Ion 125.90 (125.60 to 126.60): VU028355.D (-2939) (-)

10.59

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.428 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028403.D

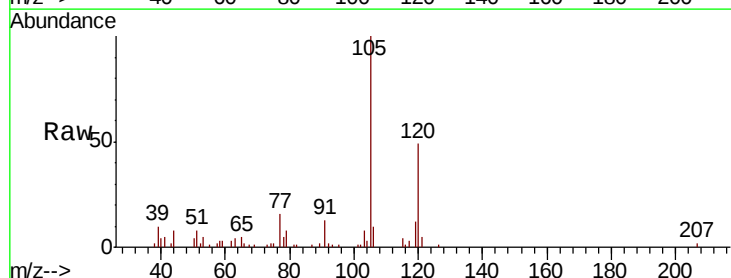
Acq: 29 Nov 2018 18:53

Tgt Ion:105 Resp: 20571

Ion Ratio Lower Upper

105 100

120 52.4 23.4 70.0

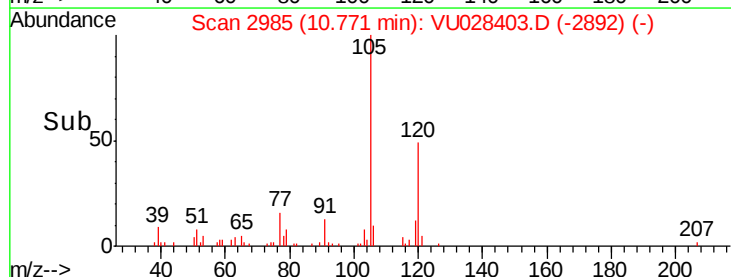


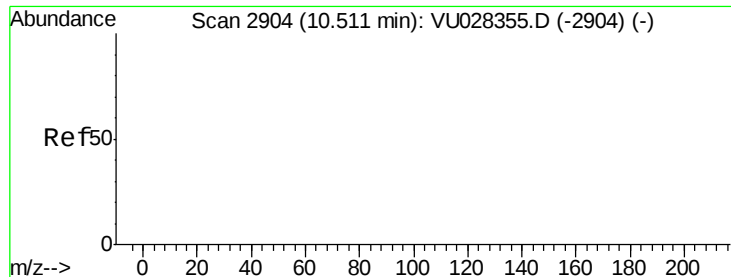
Abundance Ion 105.00 (104.70 to 105.70): VU028355.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU028355.D (-2972) (-)

10.77

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 55.850 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :

MSVOA_U

ClientSampleId :

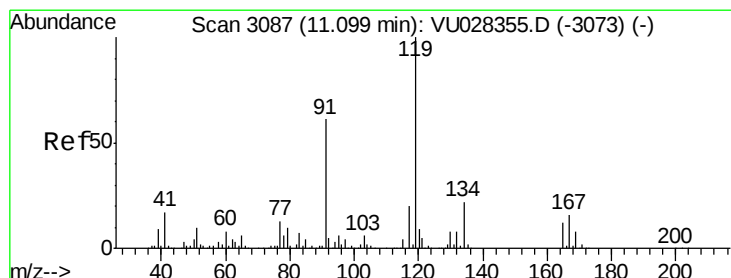
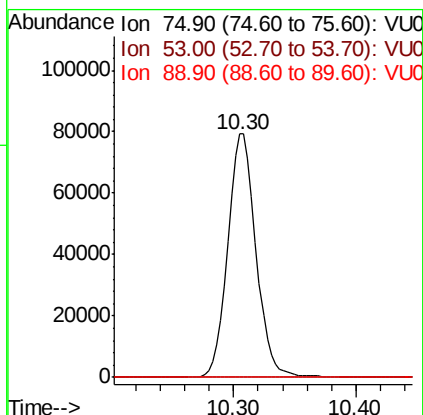
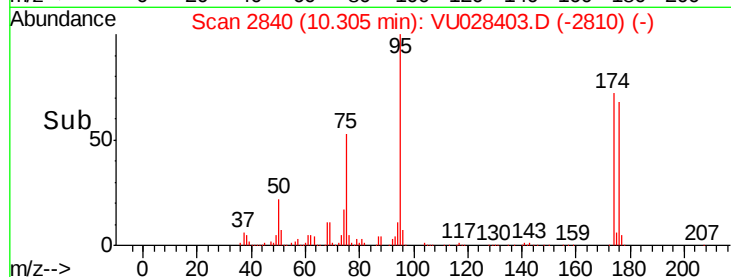
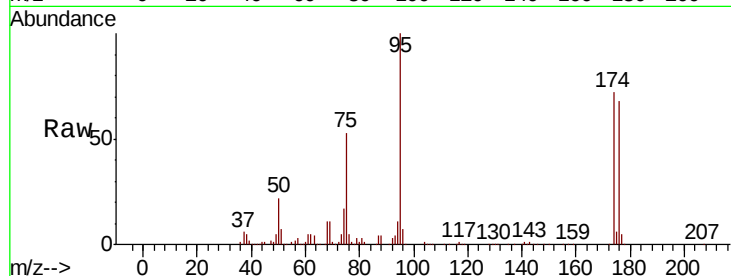
Tot Ion: 75 Resp: 128240

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

89 0.0 0.0 0.0



#83

tert-Butylbenzene

Concen: 0.770 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

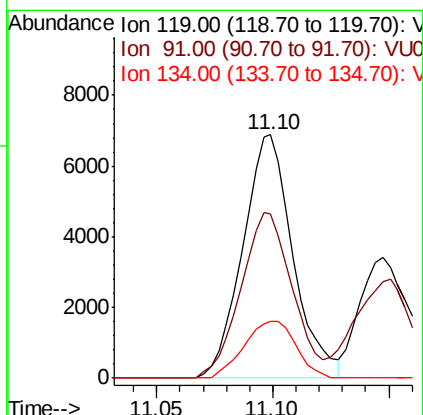
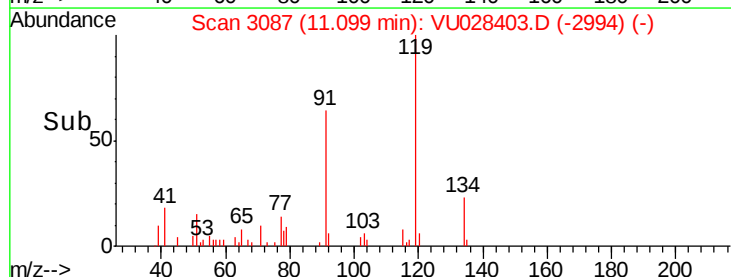
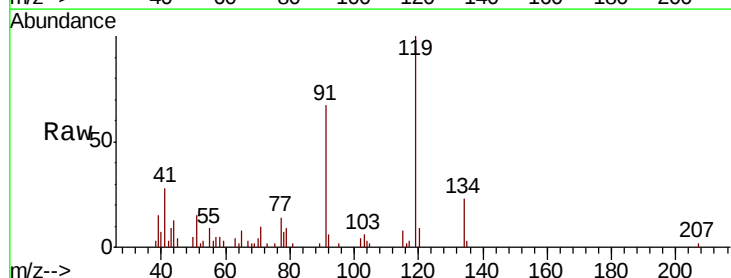
Tgt Ion: 119 Resp: 10346

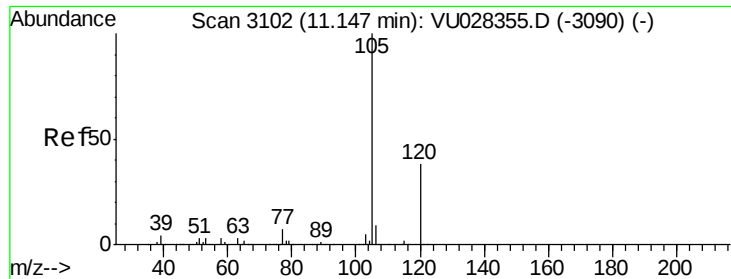
Ion Ratio Lower Upper

119 100

91 69.4 30.8 92.4

134 24.3 11.1 33.1

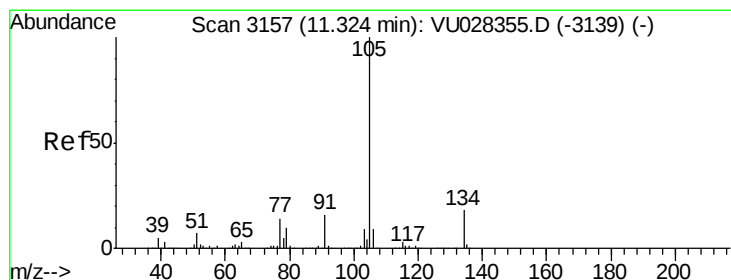
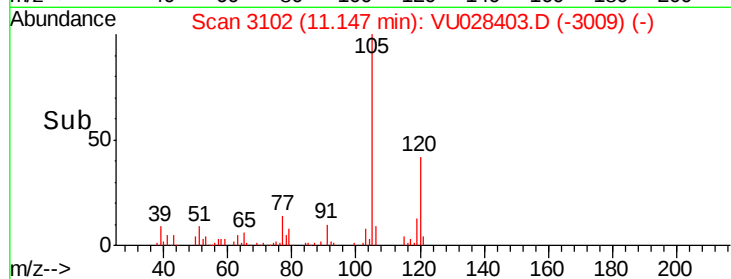
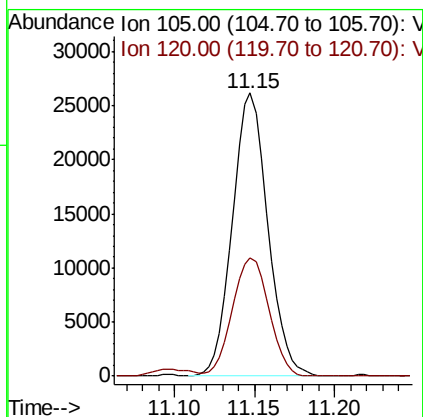
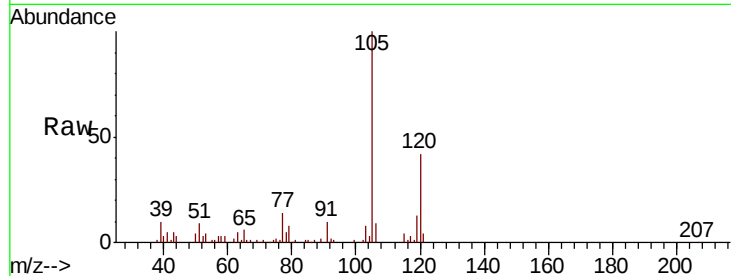




#84
1,2,4-Trimethylbenzene
Concen: 2.699 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU028403.D
Acq: 29 Nov 2018 18:53

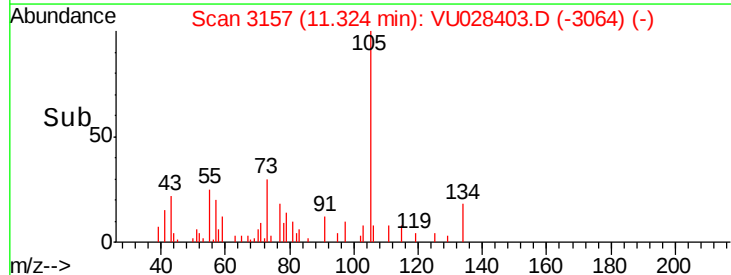
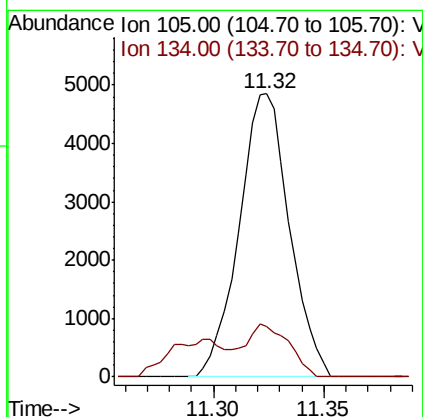
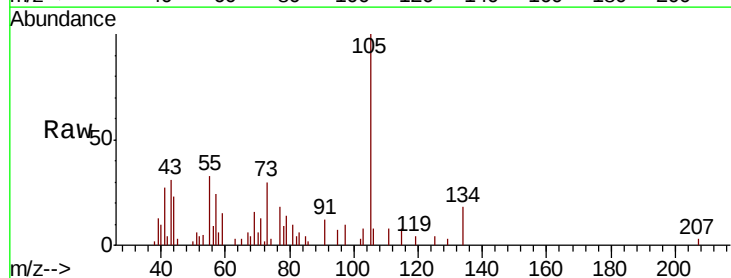
Instrument :
MSVOA_U
ClientSampleId :

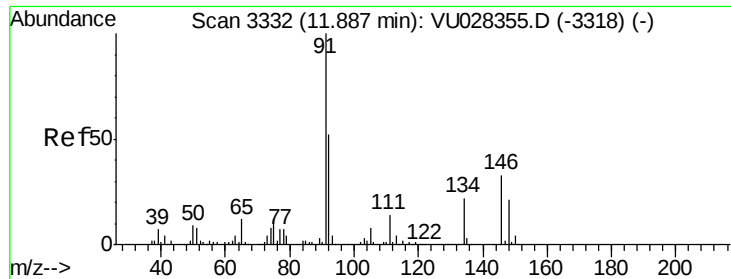
Tot Ion:105 Resp: 39375
Ion Ratio Lower Upper
105 100
120 43.0 21.4 64.3



#85
sec-Butylbenzene
Concen: 0.439 ug/l
RT: 11.32 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VU028403.D
Acq: 29 Nov 2018 18:53

Tgt Ion:105 Resp: 7653
Ion Ratio Lower Upper
105 100
134 16.2 9.3 27.7





#89

n-Butylbenzene

Concen: 0.658 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :

MSVOA_U

ClientSampleId :

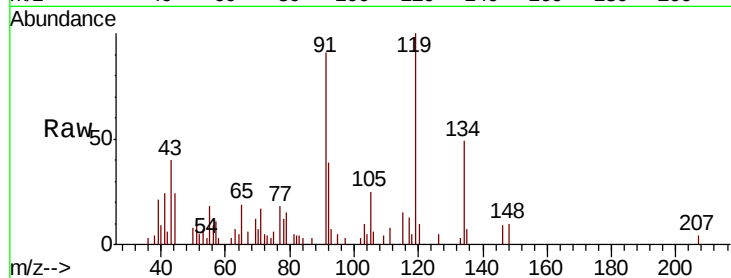
Tot Ion: 91 Resp: 9316

Ion Ratio Lower Upper

91 100

92 32.1 26.2 78.5

134 81.6 11.1 33.1#

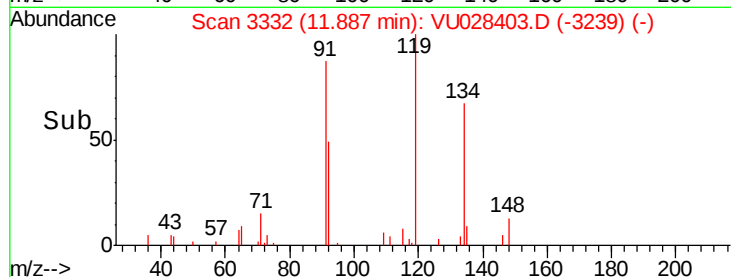


Abundance Ion 91.00 (90.70 to 91.70): VU028355.D (-3318) (-)

Ion 92.00 (91.70 to 92.70): VU028355.D (-3318) (-)

Ion 134.00 (133.70 to 134.70): VU028355.D (-3318) (-)

Time-->

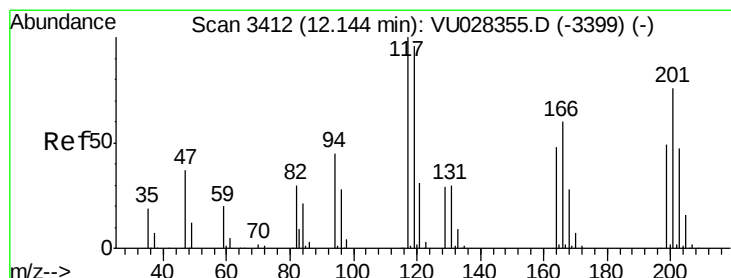


Abundance Ion 91.00 (90.70 to 91.70): VU028403.D (-3239) (-)

Ion 92.00 (91.70 to 92.70): VU028403.D (-3239) (-)

Ion 134.00 (133.70 to 134.70): VU028403.D (-3239) (-)

Time-->



#90

Hexachloroethane

Concen: 4.011 ug/l

RT: 12.25 min Scan# 3445

Delta R.T. 0.11 min

Lab File: VU028403.D

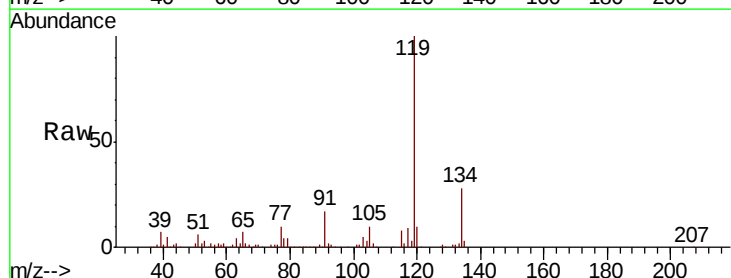
Acq: 29 Nov 2018 18:53

Tgt Ion: 117 Resp: 8981

Ion Ratio Lower Upper

117 100

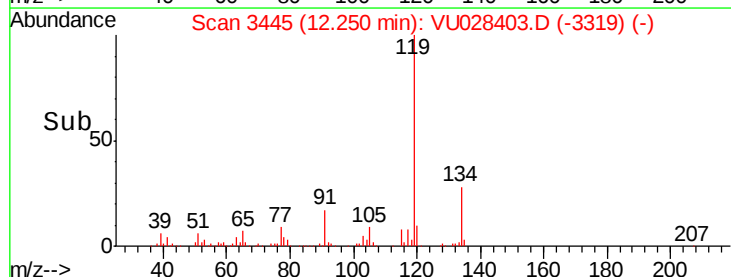
201 0.0 37.7 113.1#



Abundance Ion 116.80 (116.50 to 117.50): VU028355.D (-3399) (-)

Ion 200.70 (200.40 to 201.40): VU028355.D (-3399) (-)

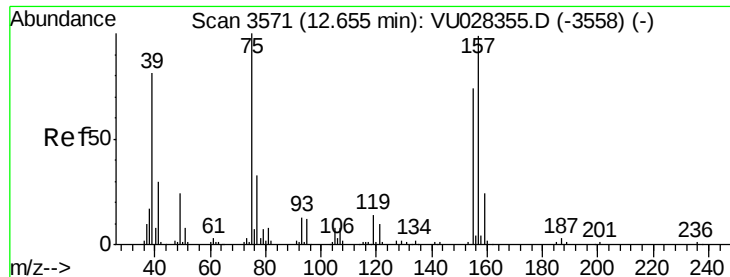
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VU028403.D (-3319) (-)

Ion 200.70 (200.40 to 201.40): VU028403.D (-3319) (-)

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.331 ug/l

RT: 12.64 min Scan# 3567

Delta R.T. -0.01 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

Instrument :

MSVOA_U

ClientSampleId :

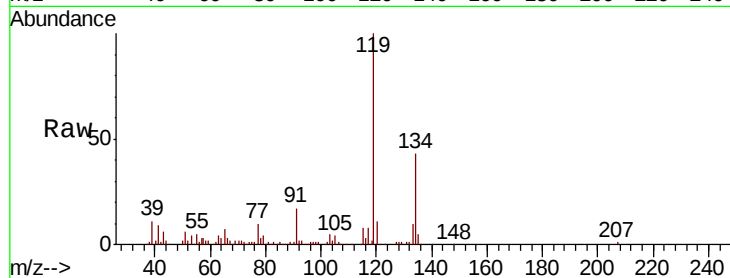
Tot Ion: 75 Resp: 517

Ion Ratio Lower Upper

75 100

155 0.0 36.9 110.7#

157 0.0 47.5 142.5#



Abundance Ion 74.90 (74.60 to 75.60): VU028355.D (-3558) (-)

Ion 154.80 (154.50 to 155.50): VU028355.D (-3558) (-)

Ion 156.80 (156.50 to 157.50): VU028355.D (-3558) (-)

12.64

600

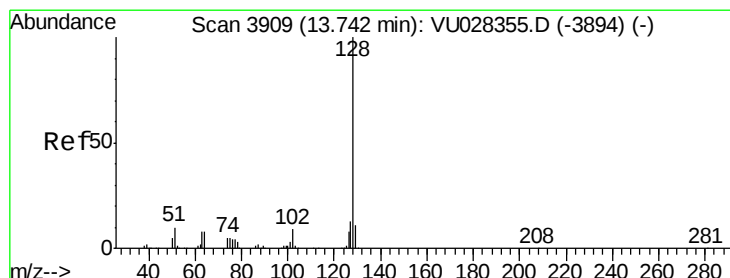
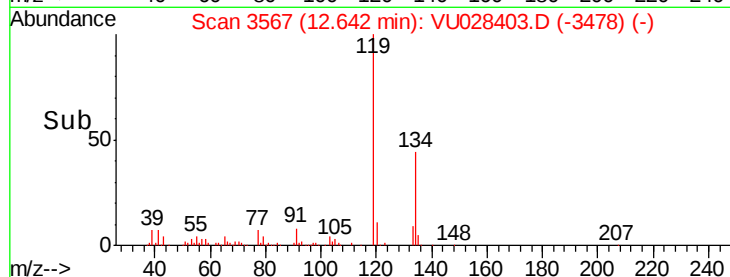
400

200

0

12.62 12.64

Time-->



#95

Naphthalene

Concen: 5.587 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028403.D

Acq: 29 Nov 2018 18:53

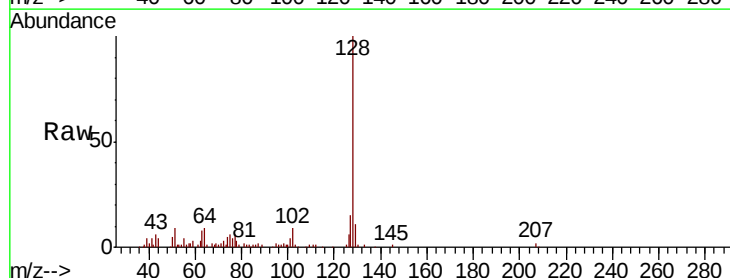
Tgt Ion: 128 Resp: 53971

Ion Ratio Lower Upper

128 100

127 14.1 10.6 15.8

129 11.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VU028355.D (-3894) (-)

Ion 127.00 (126.70 to 127.70): VU028355.D (-3894) (-)

Ion 129.00 (128.70 to 129.70): VU028355.D (-3894) (-)

13.74

40000

30000

20000

10000

0

13.70 13.80

Time-->

