

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122218\
 Data File : VU028924.D
 Acq On : 22 Dec 2018 19:02
 Operator : MD/SY
 Sample : J6426-10MEDL 100X
 Misc : 5.64g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013A-2430-01MEDL

Quant Time: Dec 24 04:48:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	190923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	313367	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	128155	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	111420	38.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.48%	
35) Dibromofluoromethane	4.88	113	96905	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	7.56	98	388528	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	10.30	95	135541	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

Target Compounds					Qvalue	
3) Chloromethane	1.33	50	1182	0.251	ug/l	90
11) Tert butyl alcohol	2.84	59	1747	2.691	ug/l #	73
16) Acetone	2.32	43	453	0.238	ug/l	96
20) Methylene Chloride	2.70	84	1339	0.478	ug/l #	74
23) Vinyl Acetate	3.30	43	4327	0.536	ug/l #	52
31) Cyclohexane	4.99	56	4321	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	13322	3.885	ug/l #	49
38) Carbon Tetrachloride	4.98	117	17020	6.158	ug/l #	15
39) Methylcyclohexane	6.41	83	3809	0.910	ug/l	95
48) Methyl methacrylate	6.41	41	1411	0.405	ug/l #	84
51) 4-Methyl-2-Pentanone	7.56	43	1438	0.325	ug/l #	1
52) Toluene	7.64	92	193338	32.528	ug/l	98
53) t-1,3-Dichloropropene	7.63	75	2054	0.526	ug/l #	1
55) 1,1,2-Trichloroethane	8.04	97	513	0.218	ug/l #	14
59) 2-Hexanone	8.33	43	1119	0.319	ug/l #	26
67) Ethyl Benzene	9.25	91	162613	14.382	ug/l	99
68) m/p-Xylenes	9.37	106	588443	143.030	ug/l	95
69) o-Xylene	9.78	106	152431	38.126	ug/l	95
70) Styrene	9.78	104	7263	1.098	ug/l #	1
73) Isopropylbenzene	10.17	105	7552	0.768	ug/l	99
76) 1,2,3-Trichloropropane	10.60	75	3281	1.003	ug/l	75
78) n-propylbenzene	10.59	91	14638	1.198	ug/l	91
79) 2-Chlorotoluene	10.68	91	5514	0.783	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	15989	1.964	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.60	75	3281	2.963	ug/l #	100
82) 4-Chlorotoluene	10.77	91	1885	0.226	ug/l #	47
83) tert-Butylbenzene	11.15	119	5988	0.763	ug/l #	66
84) 1,2,4-Trimethylbenzene	11.15	105	45402	5.412	ug/l	96
86) p-Isopropyltoluene	11.47	119	14175	1.656	ug/l	93
87) 1,3-Dichlorobenzene	11.42	146	1039	0.239	ug/l #	76
88) 1,4-Dichlorobenzene	11.51	146	7429	1.653	ug/l #	83
89) n-Butylbenzene	11.89	91	3881	0.448	ug/l #	38
90) Hexachloroethane	12.14	117	380	0.294	ug/l #	11
91) 1,2-Dichlorobenzene	11.88	146	2713	0.625	ug/l	89

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QLast Update : Fri Dec 07 00:39:42 2018
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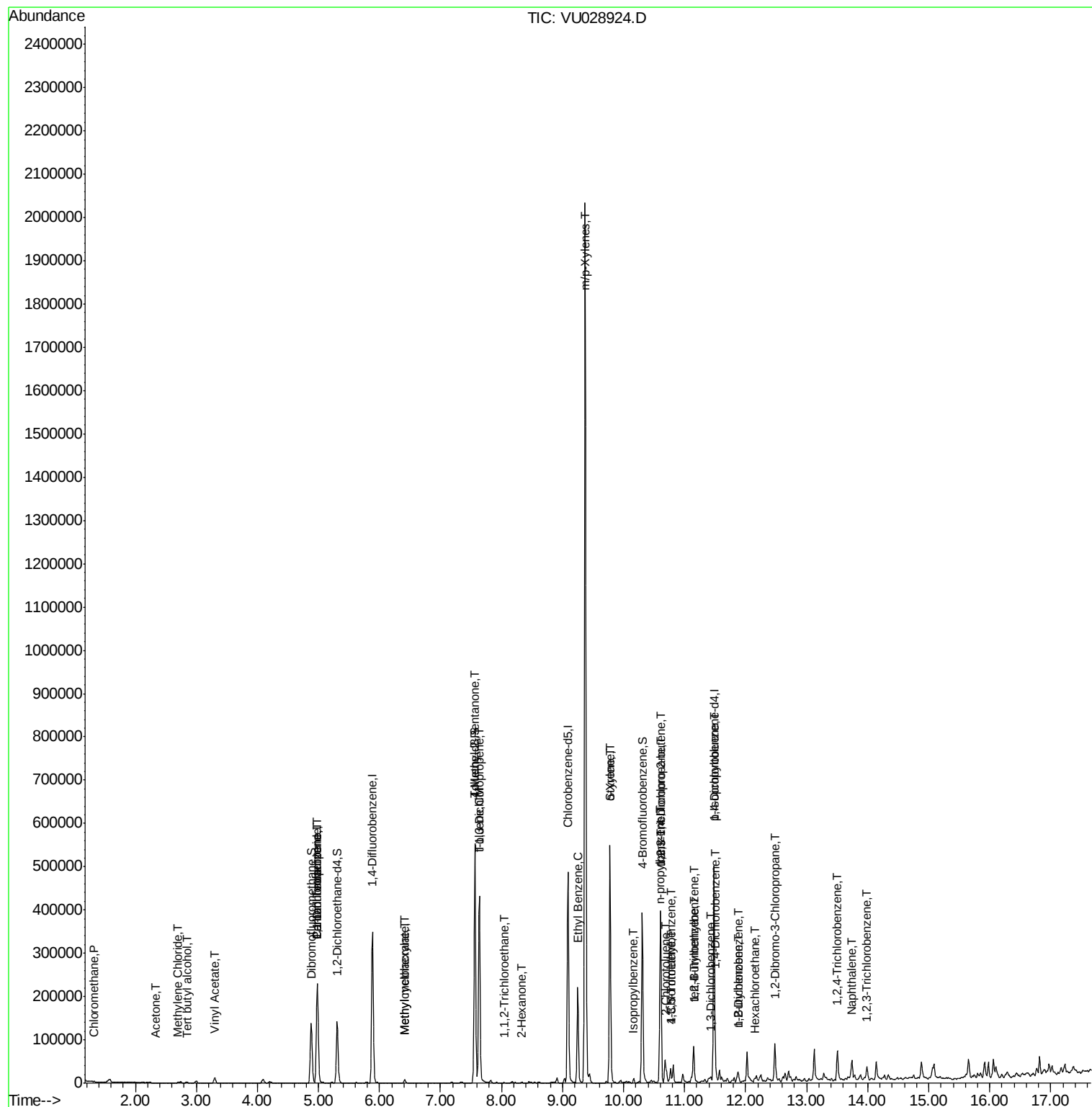
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.48	75	2604	3.184	ug/l #	16
93) 1,2,4-Trichlorobenzene	13.50	180	20859	7.714	ug/l	96
95) Naphthalene	13.74	128	36356	3.488	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	10660	3.724	ug/l	91

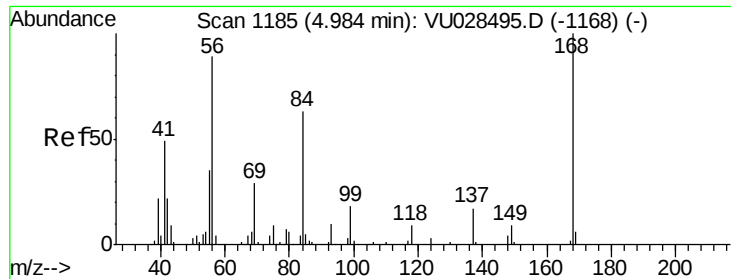
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

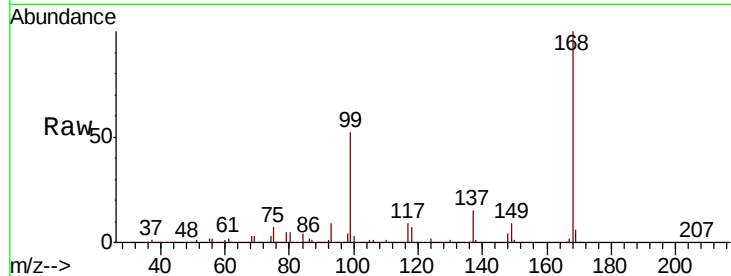
P001-SS013A-2430-01MEDL

Tgt Ion:168 Resp: 190923

Ion Ratio Lower Upper

168 100

99 51.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

80000

60000

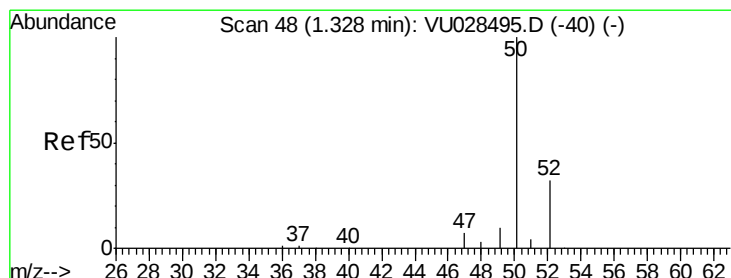
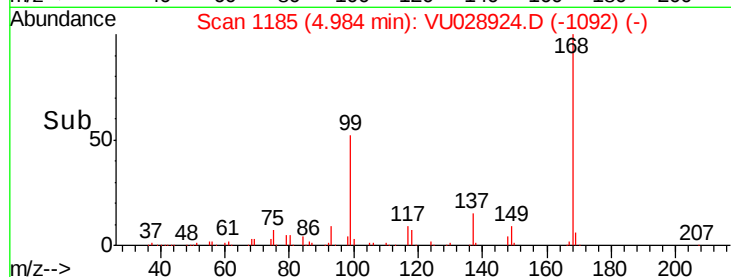
40000

20000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.251 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028924.D

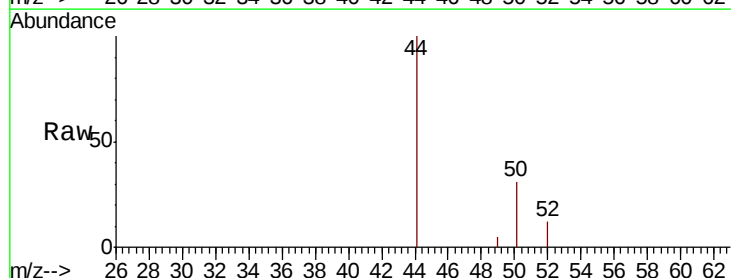
Acq: 22 Dec 2018 19:02

Tgt Ion: 50 Resp: 1182

Ion Ratio Lower Upper

50 100

52 37.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

1000

800

600

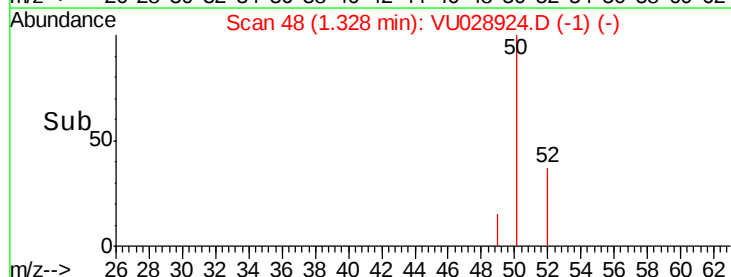
400

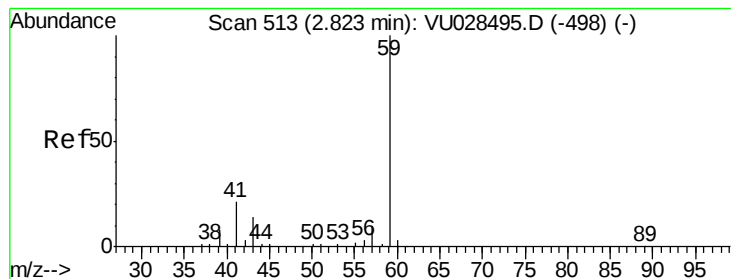
200

0

1.30 1.32 1.34 1.36

Time-->





#11

Tert butyl alcohol

Concen: 2.691 ug/l

RT: 2.84 min Scan# 519

Delta R.T. 0.02 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

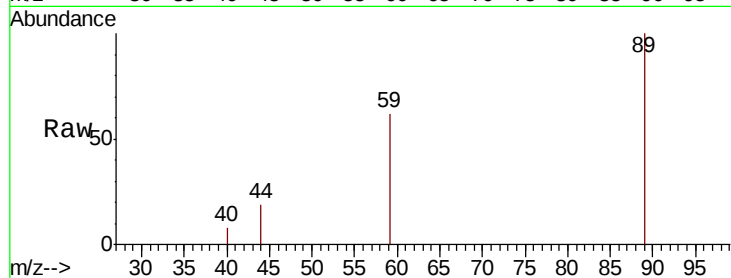
P001-SS013A-2430-01MEDL

Tgt Ion: 59 Resp: 1747

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.84

800

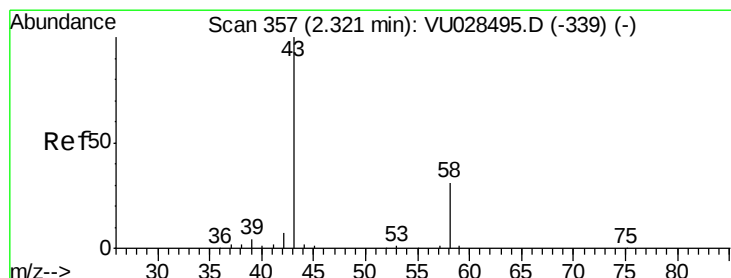
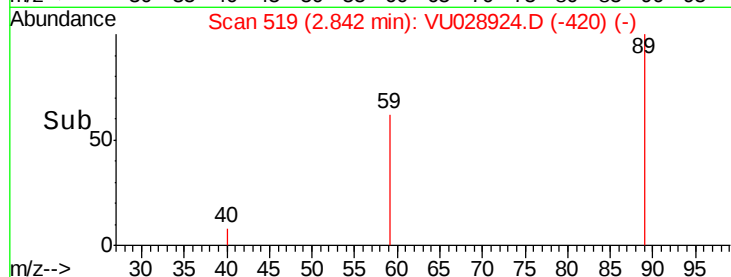
600

400

200

0

Time-->



#16

Acetone

Concen: 0.238 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028924.D

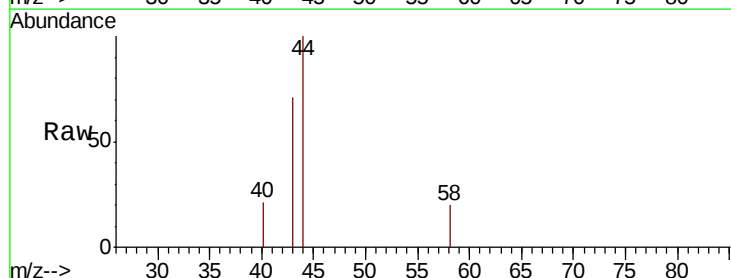
Acq: 22 Dec 2018 19:02

Tgt Ion: 43 Resp: 453

Ion Ratio Lower Upper

43 100

58 28.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

400

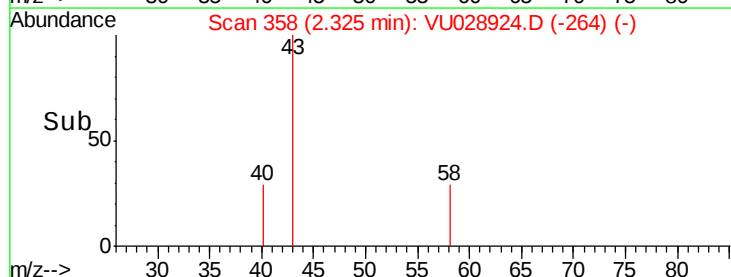
300

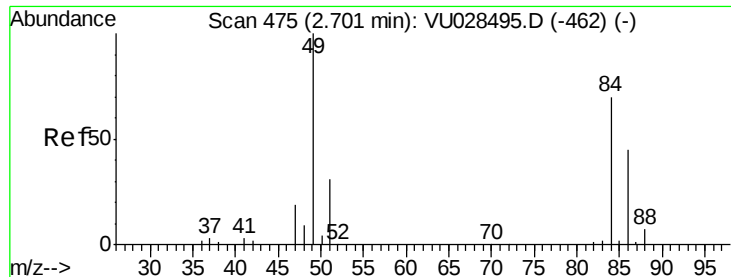
200

100

0

Time-->

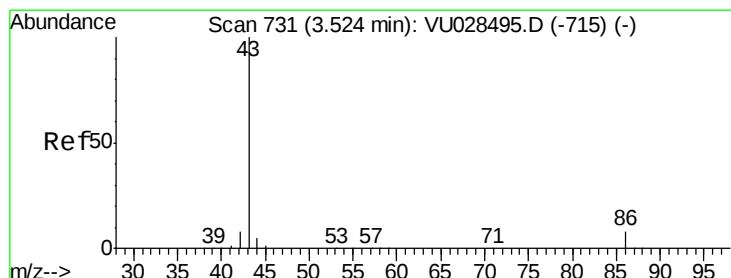
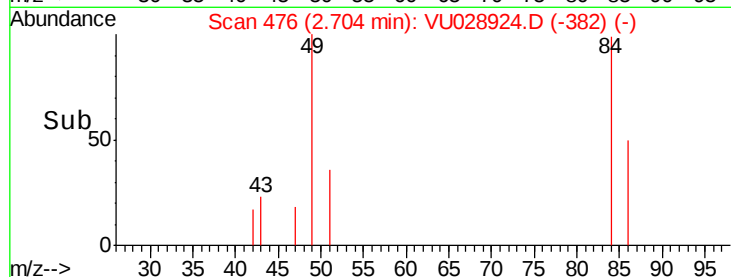
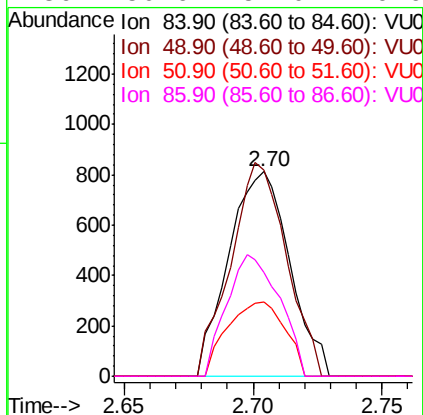
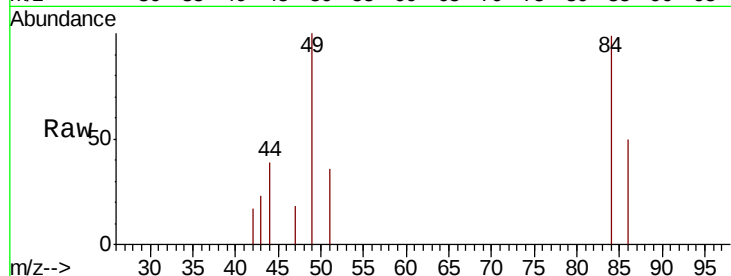




#20
Methylene Chloride
Concen: 0.478 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

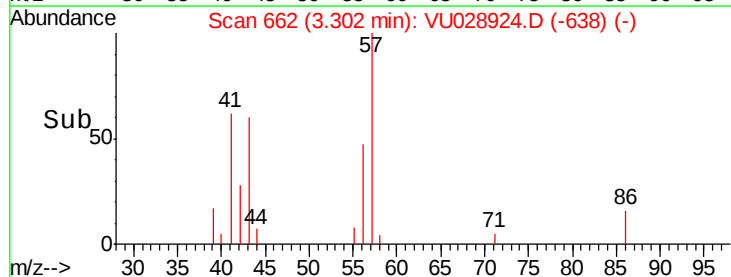
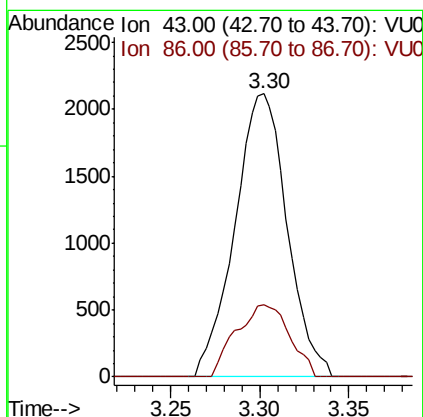
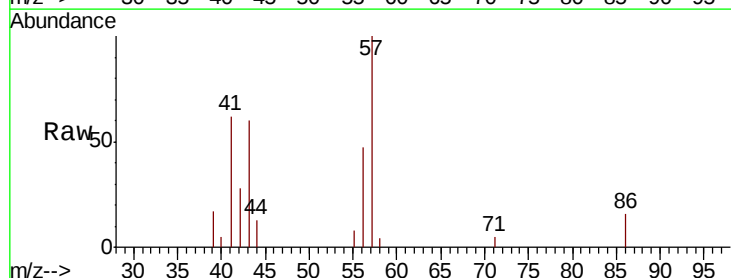
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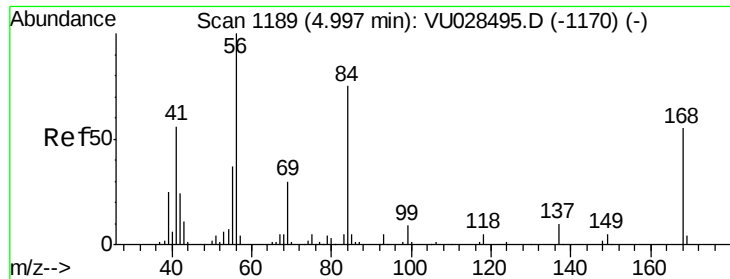
Tgt Ion: 84 Resp: 1339
Ion Ratio Lower Upper
84 100
49 100.7 114.0 171.0#
51 36.5 35.1 52.7
86 50.6 51.0 76.6#



#23
Vinyl Acetate
Concen: 0.536 ug/l
RT: 3.30 min Scan# 662
Delta R.T. -0.22 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

Tgt Ion: 43 Resp: 4327
Ion Ratio Lower Upper
43 100
86 25.7 6.8 10.2#

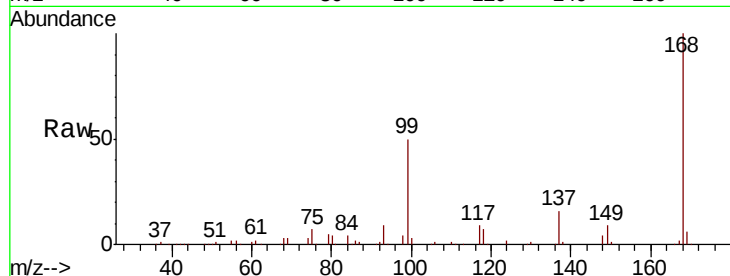




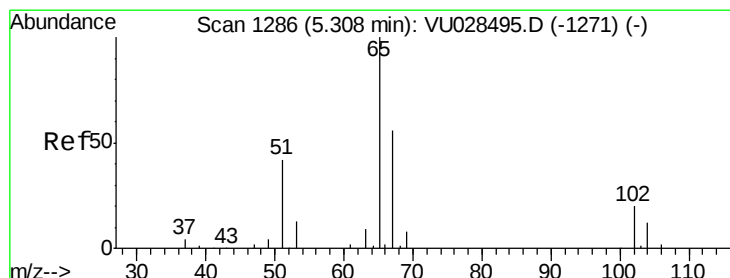
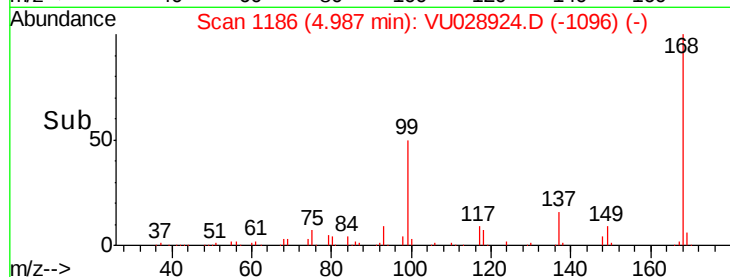
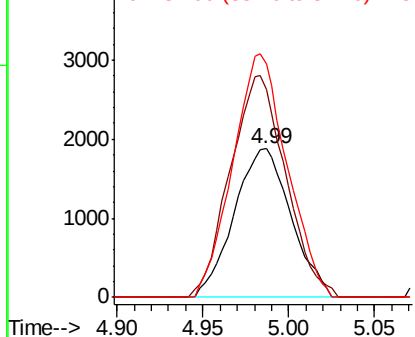
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-2430-01MEDL

Tgt Ion: 56 Resp: 4321
Ion Ratio Lower Upper
56 100
69 139.8 24.0 36.0#
84 157.0 59.7 89.5#

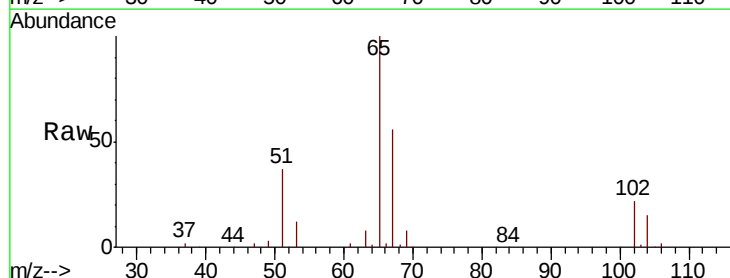


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

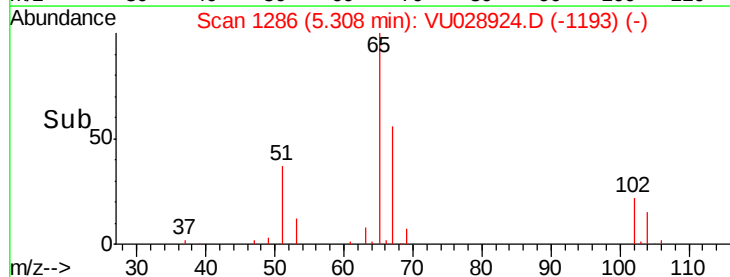
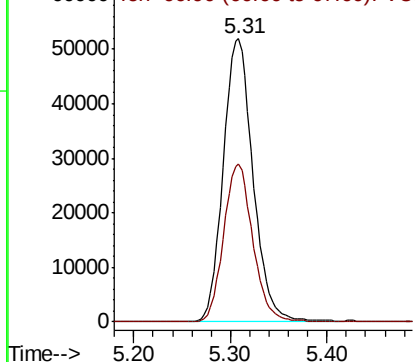


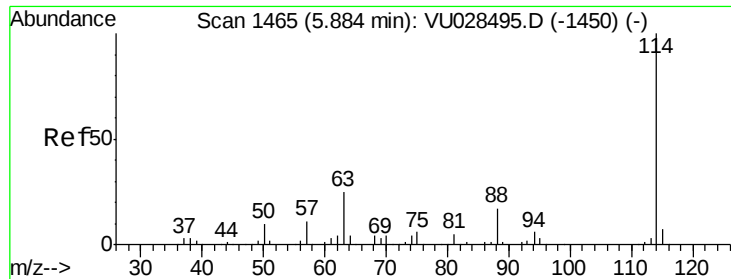
#33
1,2-Dichloroethane-d4
Concen: 38.241 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

Tgt Ion: 65 Resp: 111420
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6



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

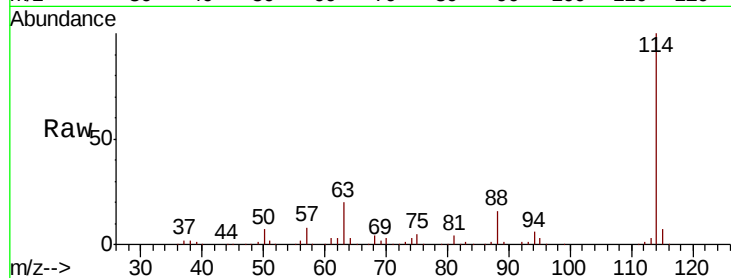




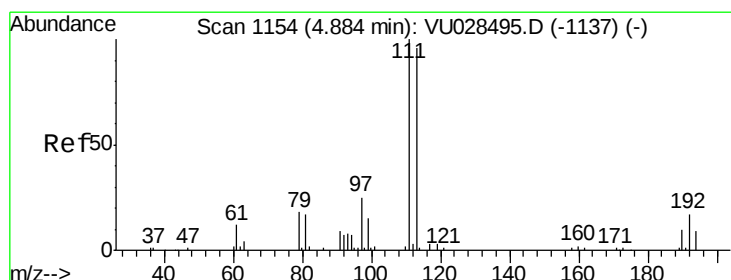
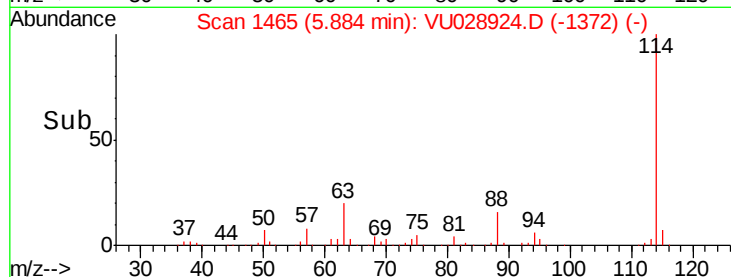
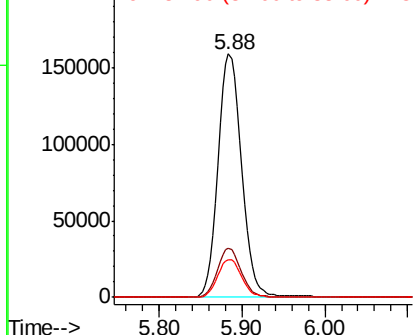
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028924.D
 Acq: 22 Dec 2018 19:02

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Tgt Ion:114 Resp: 313367
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 49.2
 88 15.5 0.0 33.4

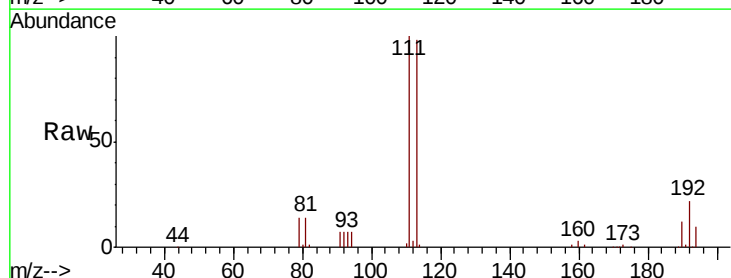


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

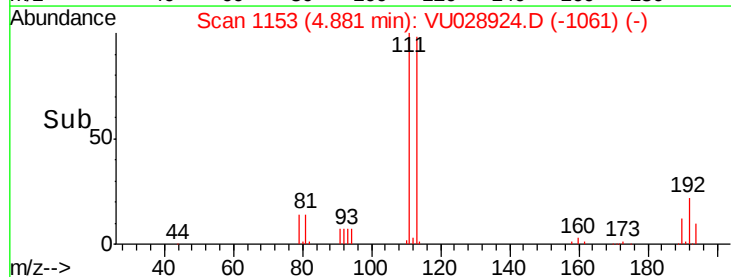
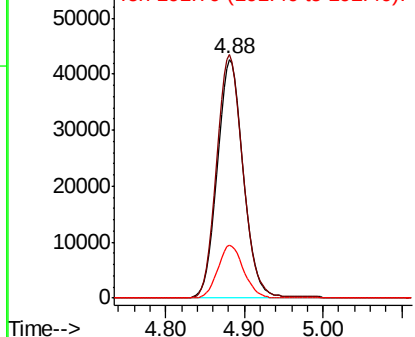


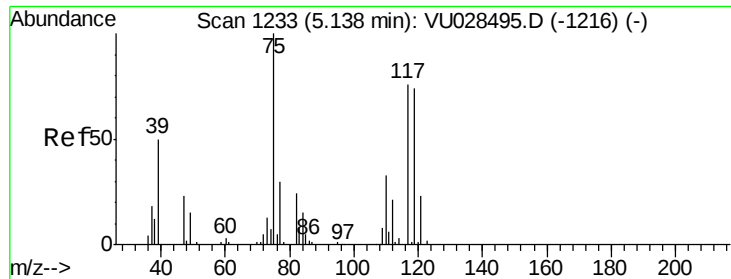
#35
 Dibromofluoromethane
 Concen: 49.139 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028924.D
 Acq: 22 Dec 2018 19:02

Tgt Ion:113 Resp: 96905
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.4 125.0
 192 22.0 14.8 22.2



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

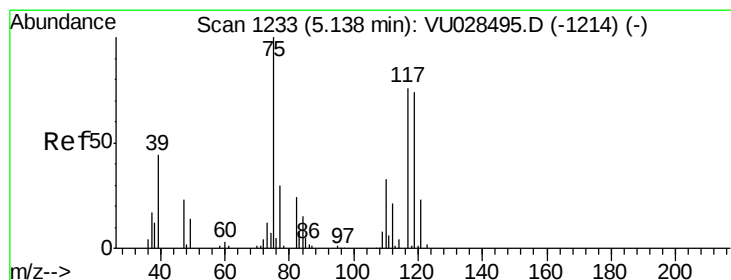
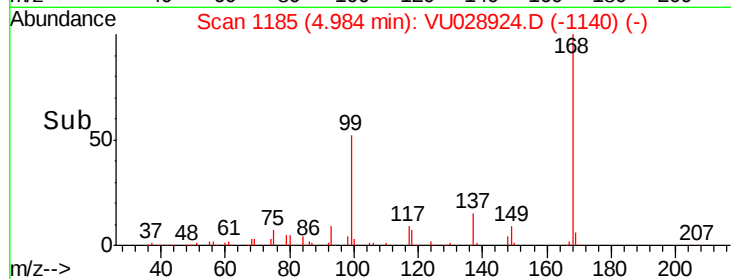
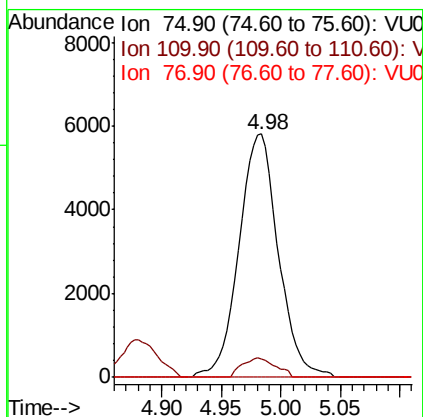
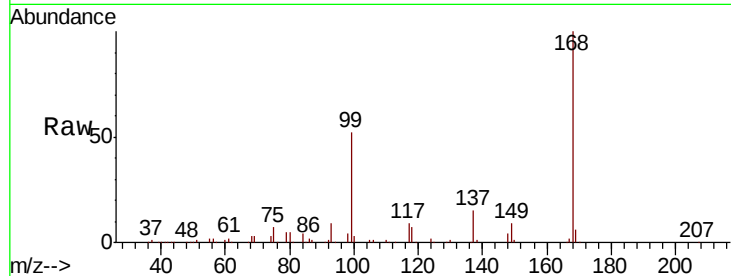




#36
 1,1-Dichloropropene
 Concen: 3.885 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028924.D
 Acq: 22 Dec 2018 19:02

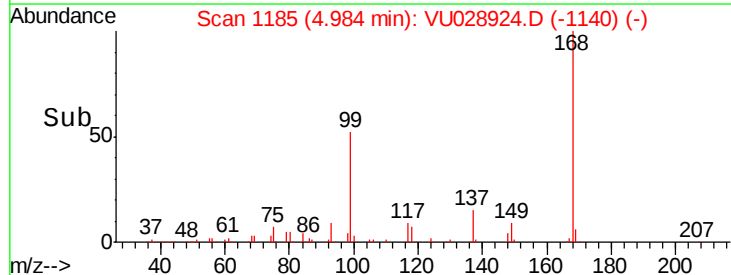
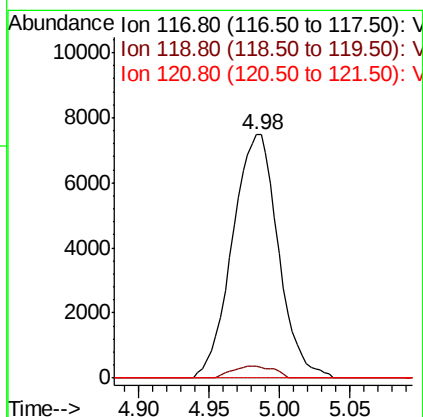
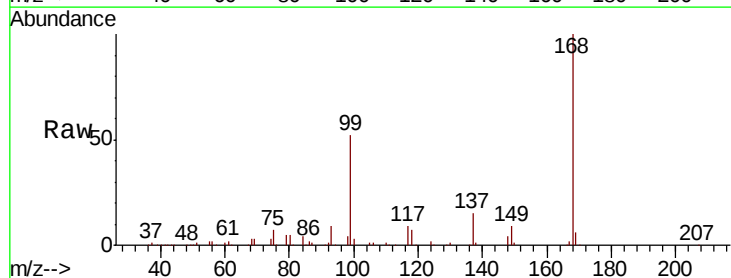
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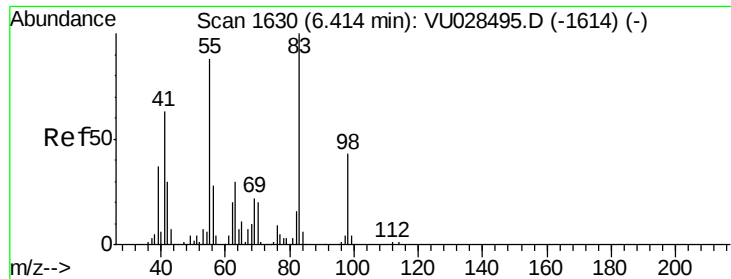
Tgt Ion: 75 Resp: 13322
 Ion Ratio Lower Upper
 75 100
 110 6.7 16.1 48.2#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.158 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028924.D
 Acq: 22 Dec 2018 19:02

Tgt Ion: 117 Resp: 17020
 Ion Ratio Lower Upper
 117 100
 119 4.8 77.6 116.4#
 121 0.0 24.6 36.8#





#39

Methylcyclohexane

Concen: 0.910 ug/l

RT: 6.41 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-2430-01MEDL

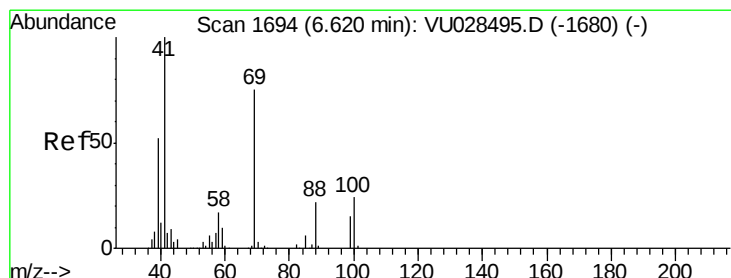
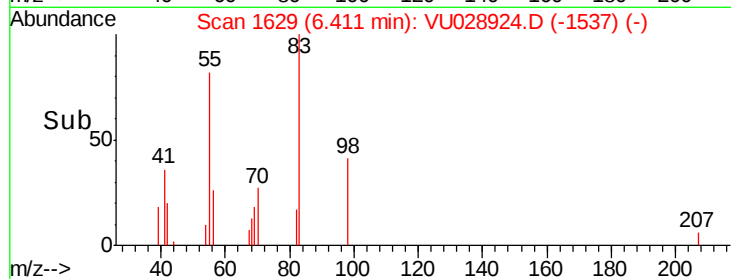
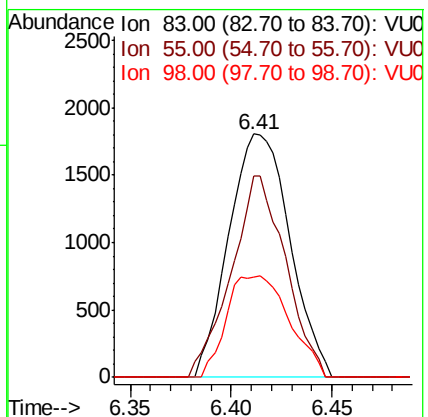
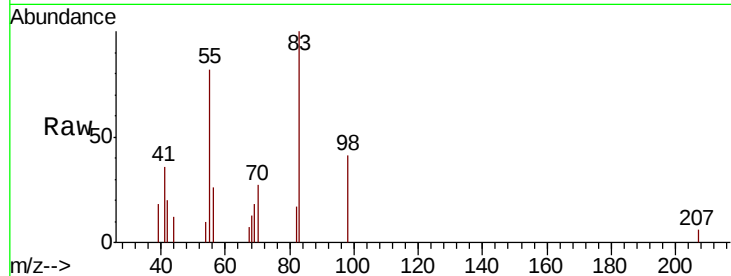
Tgt Ion: 83 Resp: 3809

Ion Ratio Lower Upper

83 100

55 82.4 70.2 105.2

98 41.1 34.2 51.4



#48

Methyl methacrylate

Concen: 0.405 ug/l

RT: 6.41 min Scan# 1630

Delta R.T. -0.21 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

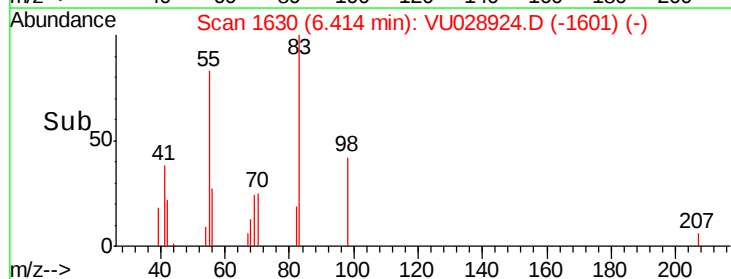
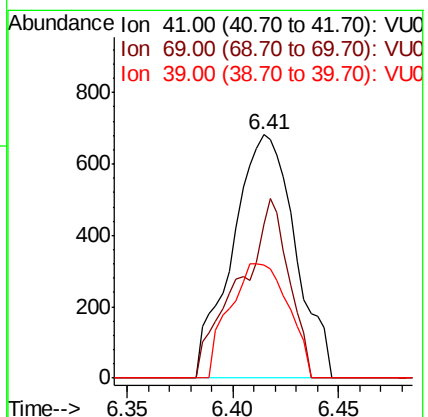
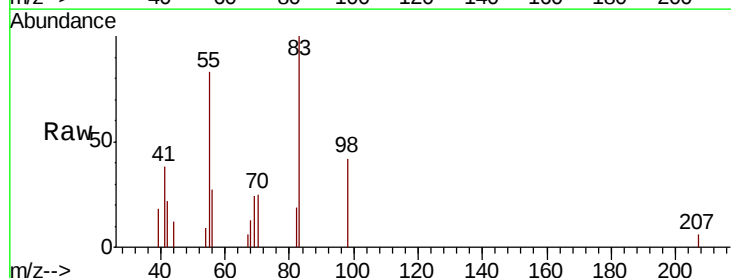
Tgt Ion: 41 Resp: 1411

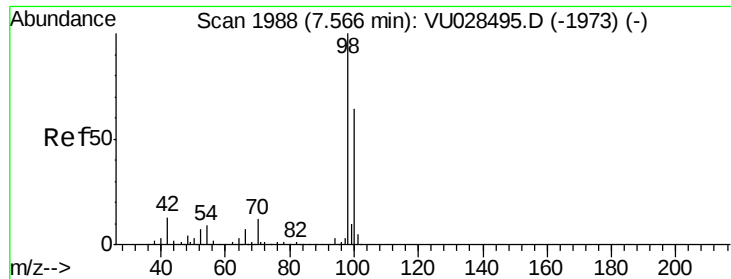
Ion Ratio Lower Upper

41 100

69 58.8 60.4 90.6#

39 43.8 41.1 61.7

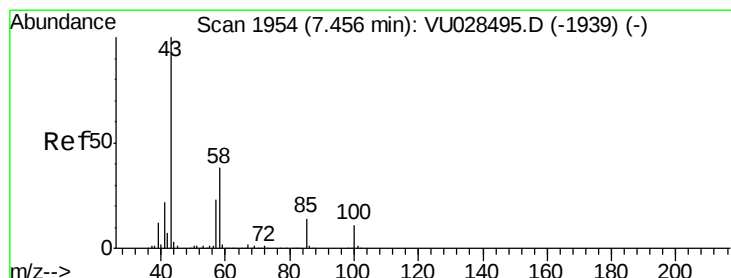
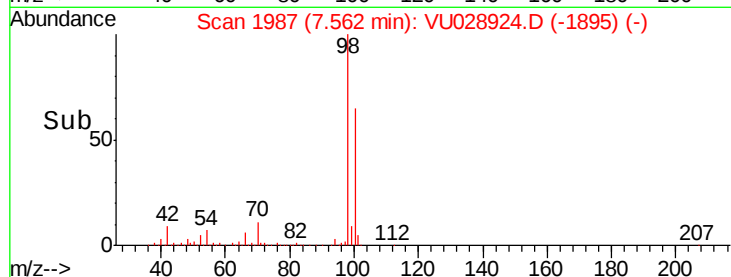
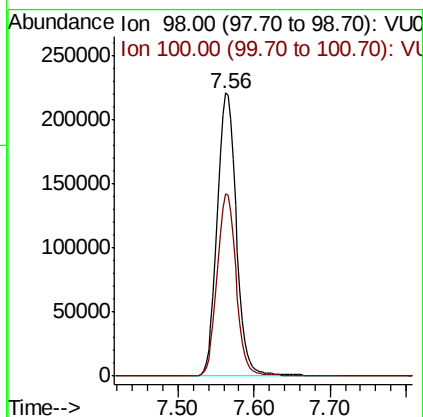
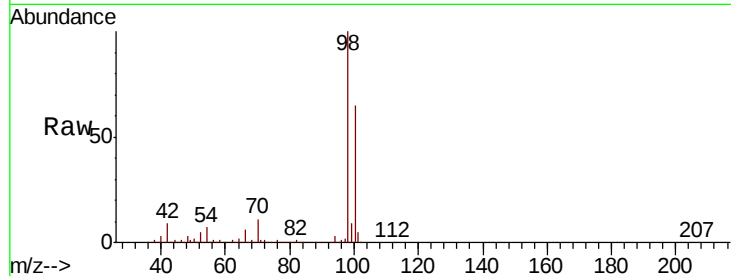




#50
Toluene-d8
Concen: 49.805 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

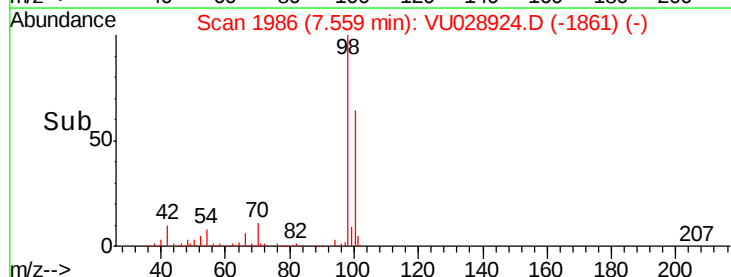
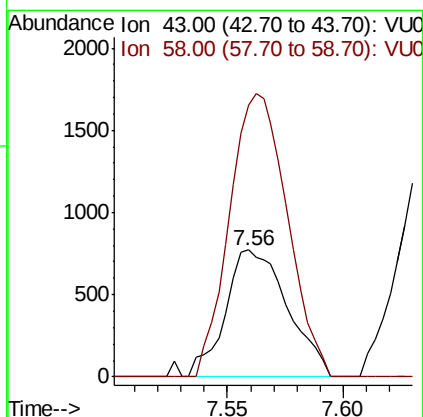
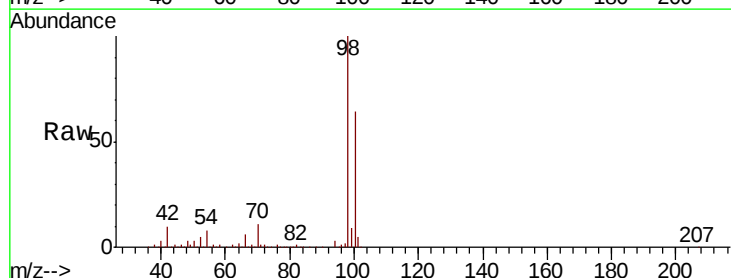
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-2430-01MEDL

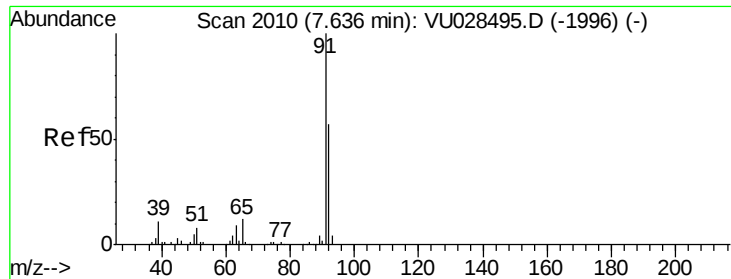
Tgt Ion: 98 Resp: 388528
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 0.325 ug/l
RT: 7.56 min Scan# 1986
Delta R.T. 0.10 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

Tgt Ion: 43 Resp: 1438
Ion Ratio Lower Upper
43 100
58 207.2 30.2 45.2#





#52

Toluene

Concen: 32.528 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

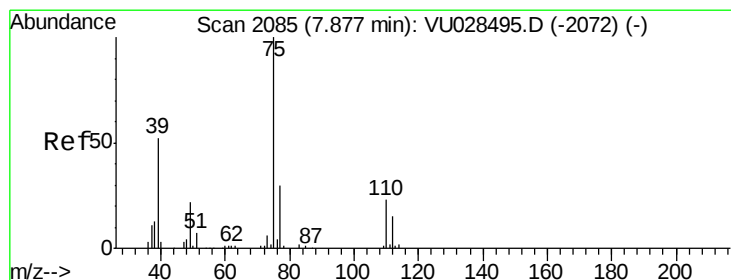
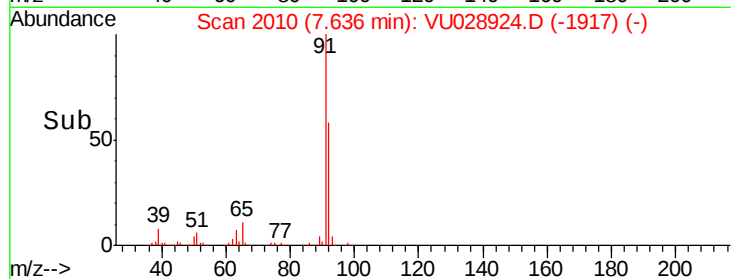
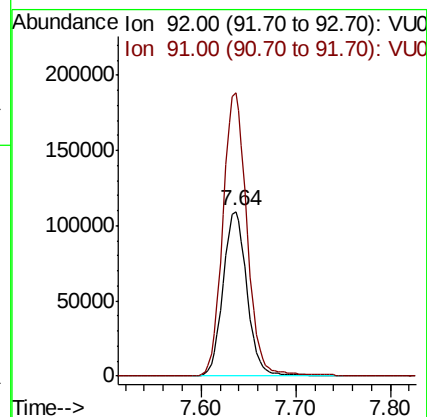
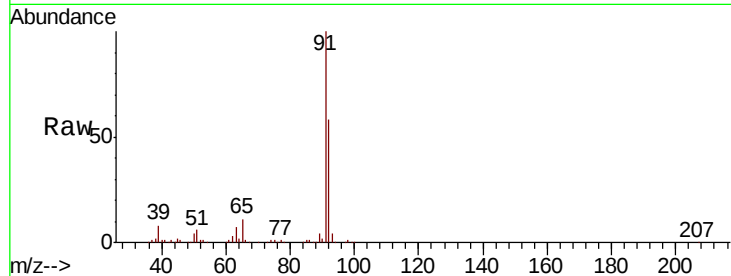
P001-SS013A-2430-01MEDL

Tgt Ion: 92 Resp: 193338

Ion Ratio Lower Upper

92 100

91 172.4 140.2 210.4



#53

t-1,3-Dichloropropene

Concen: 0.526 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. -0.24 min

Lab File: VU028924.D

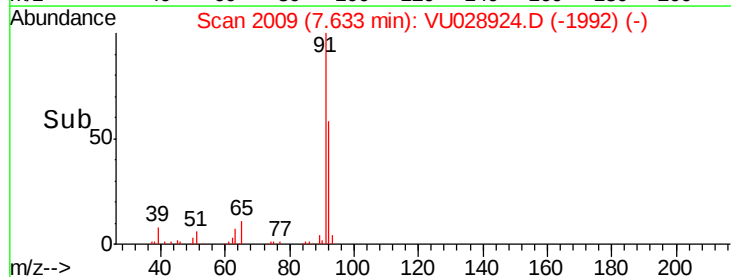
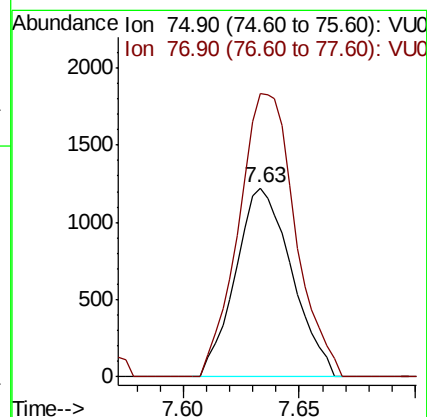
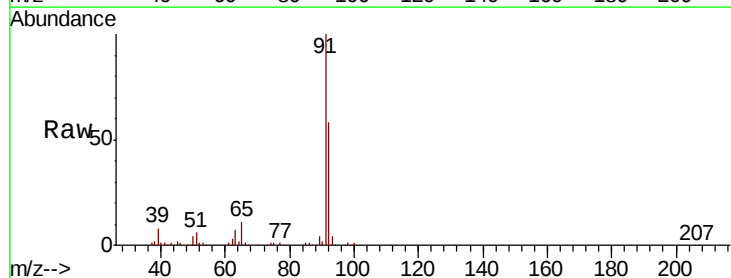
Acq: 22 Dec 2018 19:02

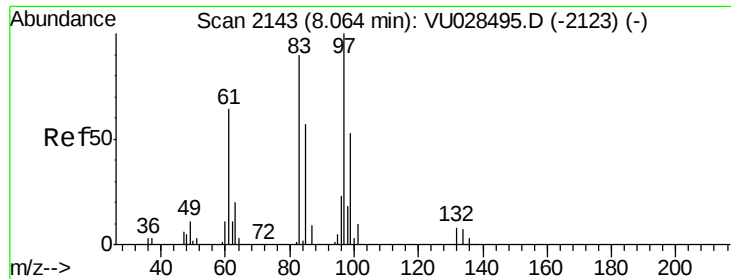
Tgt Ion: 75 Resp: 2054

Ion Ratio Lower Upper

75 100

77 149.9 24.2 36.4#





#55

1,1,2-Trichloroethane

Concen: 0.218 ug/l

RT: 8.04 min Scan# 2136

Delta R.T. -0.02 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-2430-01MEDL

Tgt Ion: 97 Resp: 513

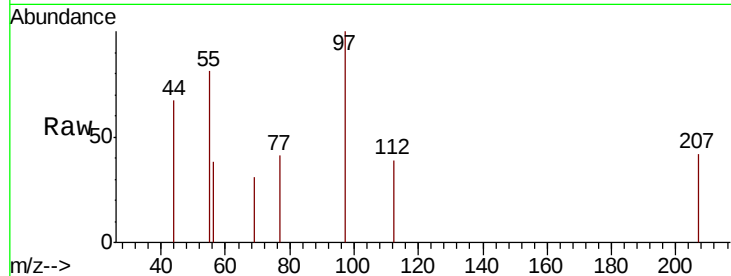
Ion Ratio Lower Upper

97 100

83 0.0 72.4 108.6#

85 0.0 46.0 69.0#

99 0.0 47.4 71.2#

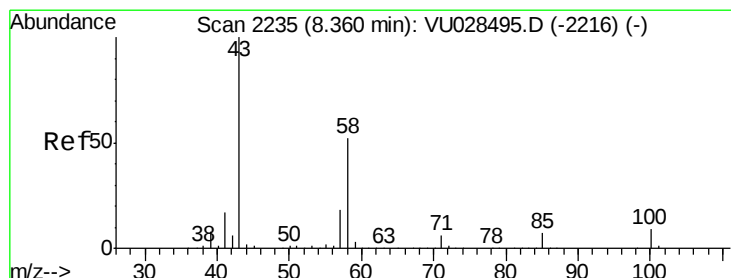
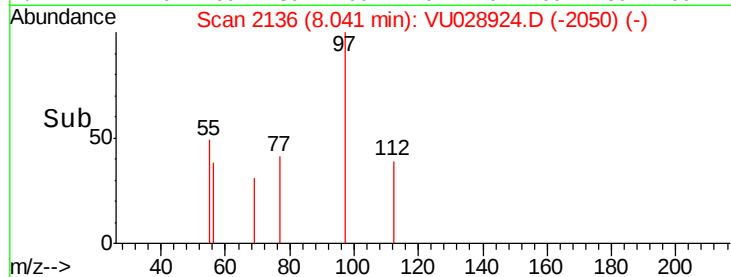
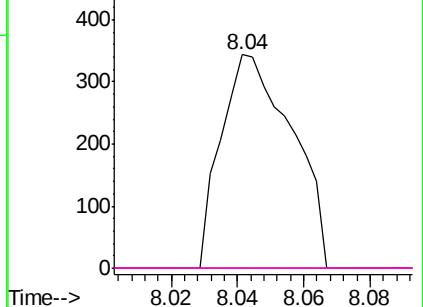


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#59

2-Hexanone

Concen: 0.319 ug/l

RT: 8.33 min Scan# 2226

Delta R.T. -0.03 min

Lab File: VU028924.D

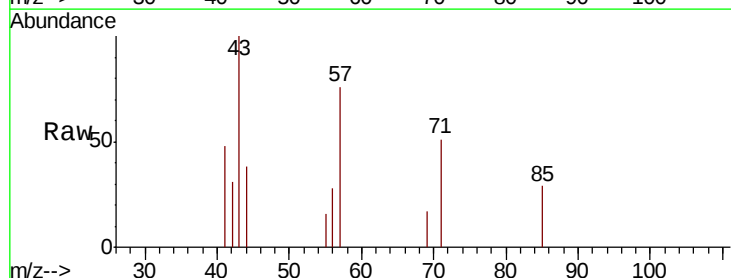
Acq: 22 Dec 2018 19:02

Tgt Ion: 43 Resp: 1119

Ion Ratio Lower Upper

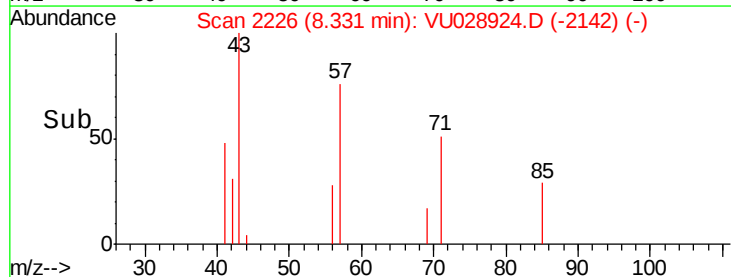
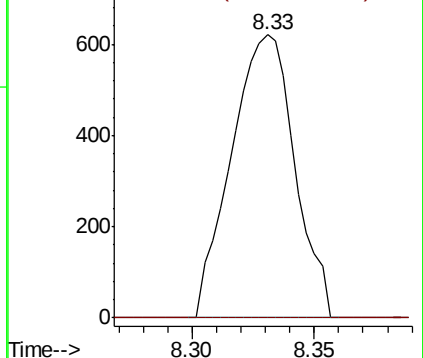
43 100

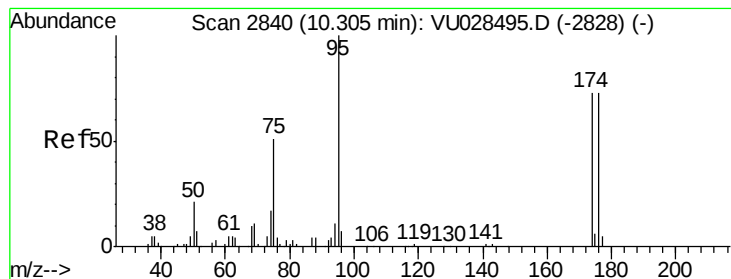
58 0.0 25.9 77.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 46.486 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-2430-01MEDL

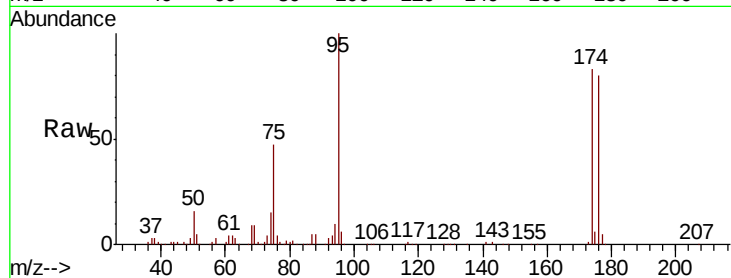
Tgt Ion: 95 Resp: 135541

Ion Ratio Lower Upper

95 100

174 84.0 0.0 150.4

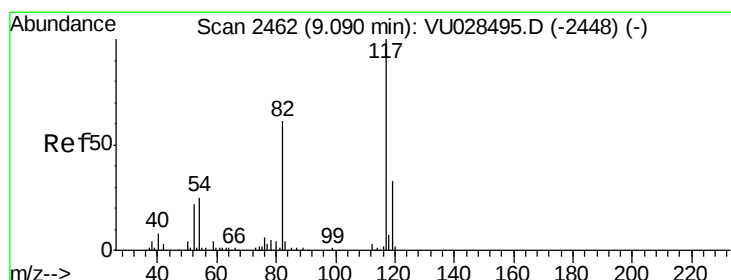
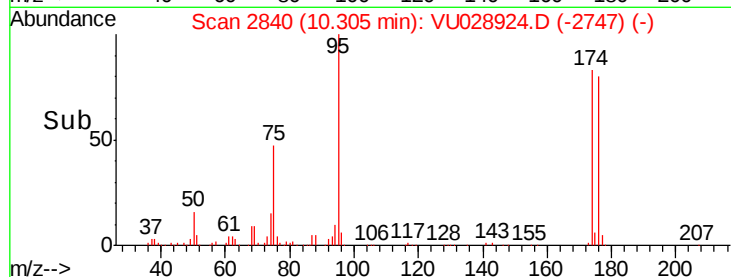
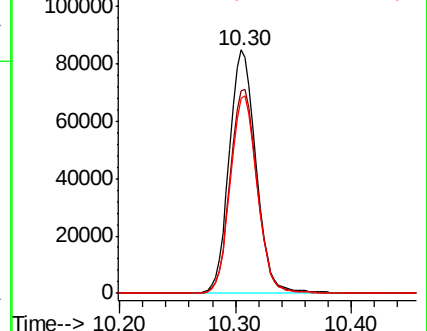
176 81.4 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028924.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU028924.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU028924.D (-2747) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

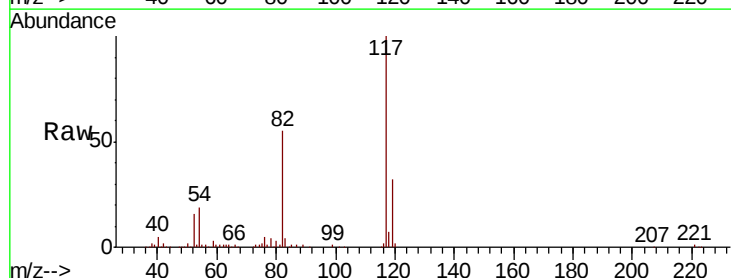
Tgt Ion: 117 Resp: 288630

Ion Ratio Lower Upper

117 100

82 54.9 48.9 73.3

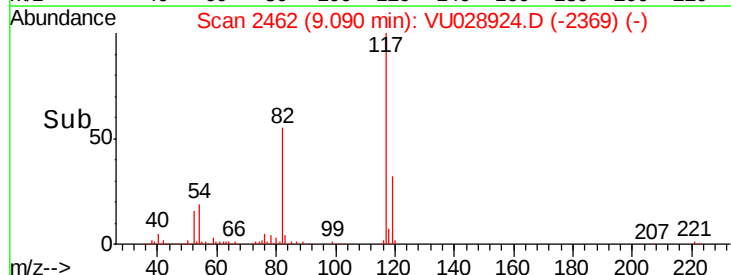
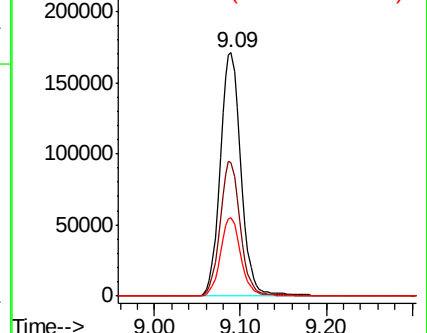
119 32.0 26.2 39.4

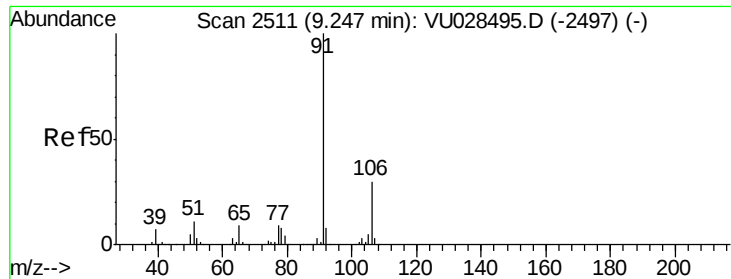


Abundance Ion 116.90 (116.60 to 117.60): VU028924.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU028924.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU028924.D (-2369) (-)

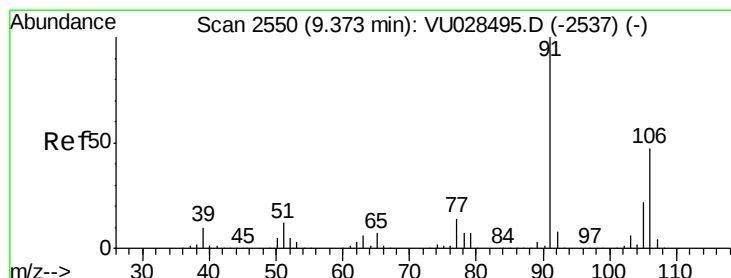
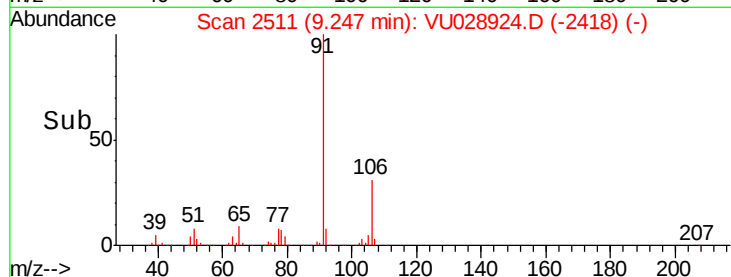
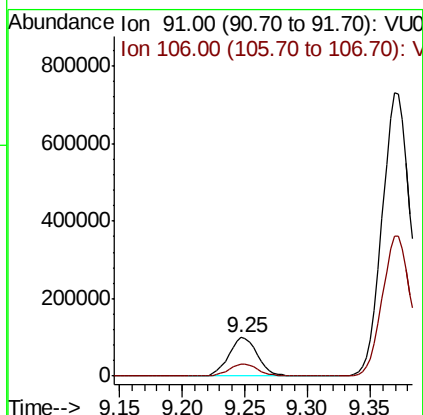
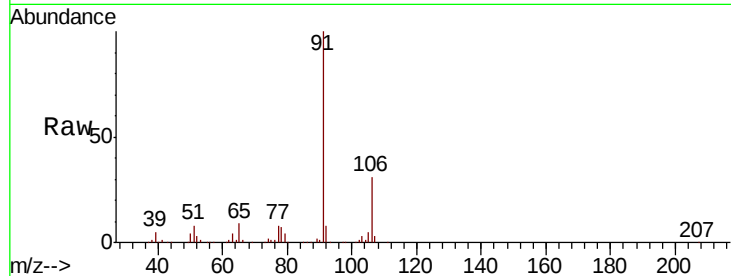




#67
Ethyl Benzene
Concen: 14.382 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

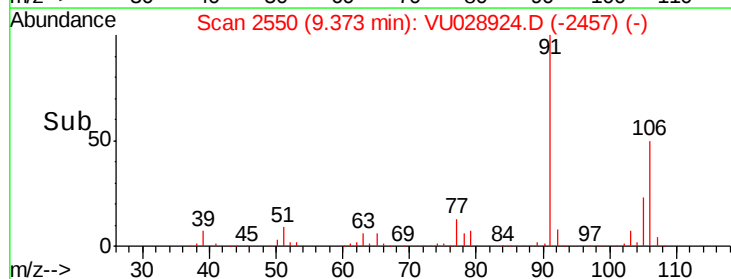
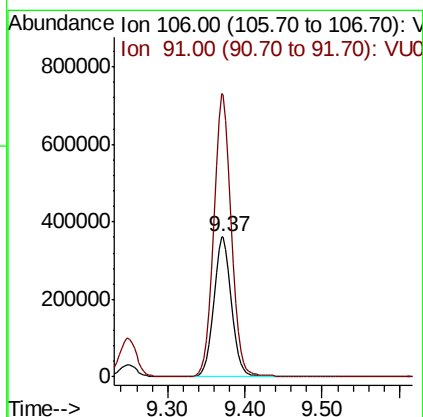
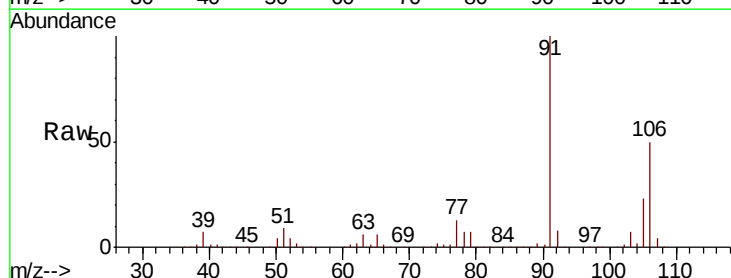
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-2430-01MEDL

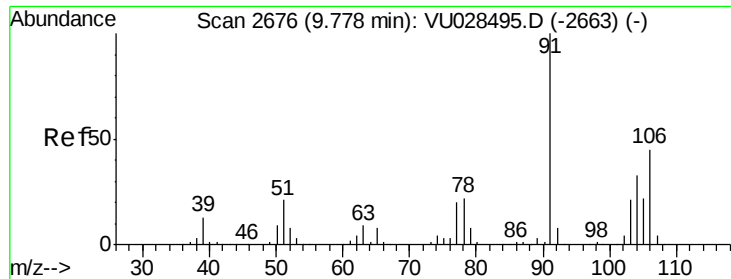
Tgt Ion: 91 Resp: 162613
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#68
m/p-Xylenes
Concen: 143.030 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

Tgt Ion: 106 Resp: 588443
Ion Ratio Lower Upper
106 100
91 201.6 167.4 251.0

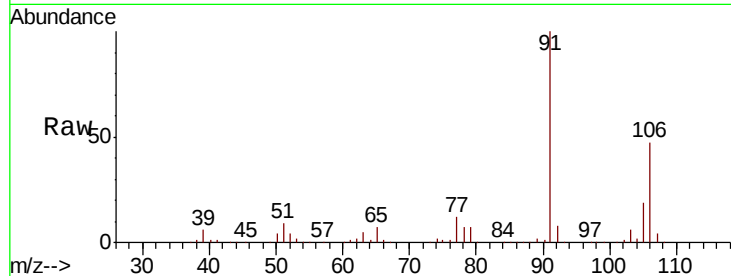




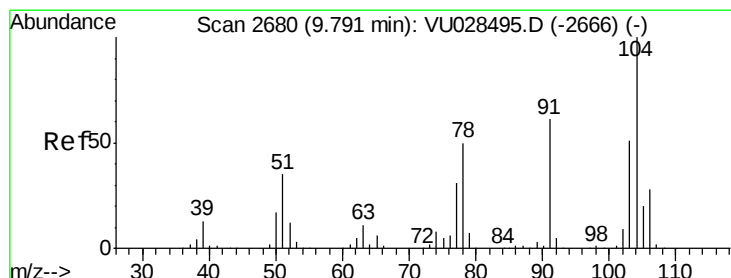
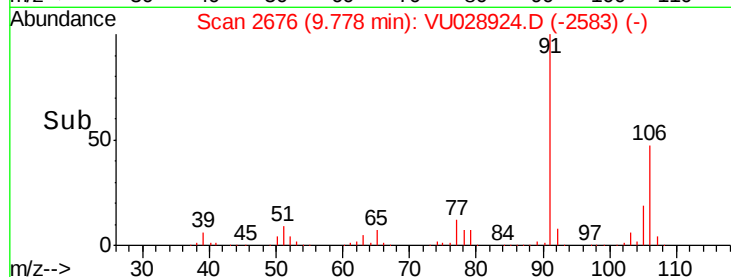
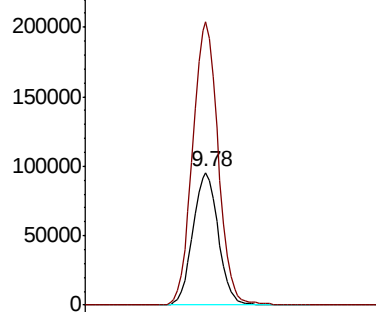
#69
o-Xylene
Concen: 38.126 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-2430-01MEDL

Tgt Ion:106 Resp: 152431
Ion Ratio Lower Upper
106 100
91 215.2 111.3 334.0

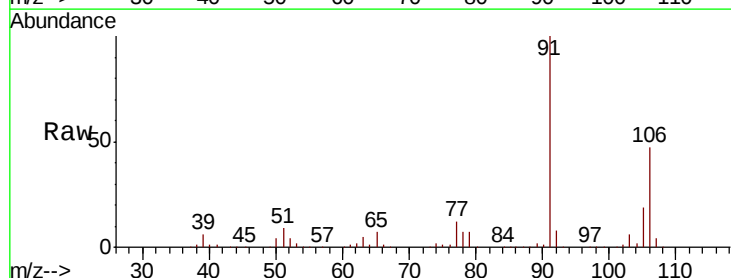


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

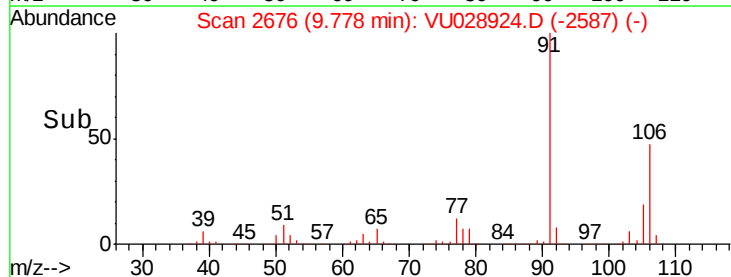
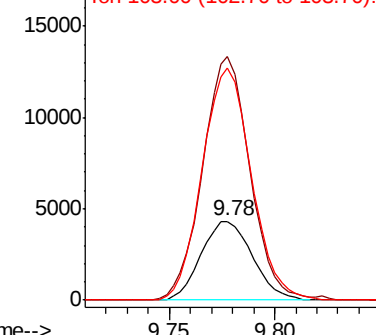


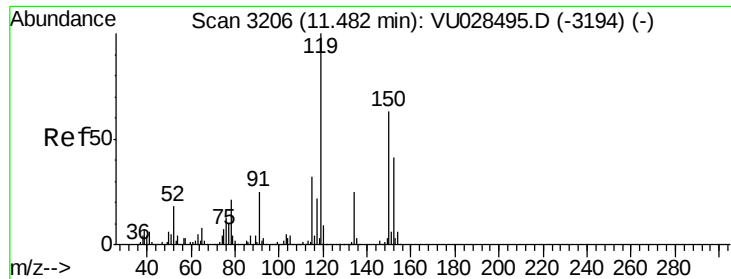
#70
Styrene
Concen: 1.098 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

Tgt Ion:104 Resp: 7263
Ion Ratio Lower Upper
104 100
78 286.8 43.0 64.6#
103 283.4 44.2 66.4#



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# 3206

Delta R.T. -0.00 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-2430-01MEDL

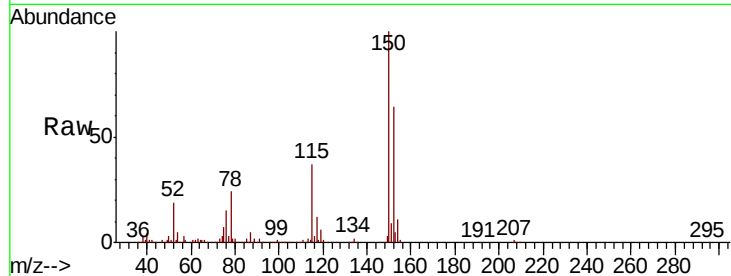
Tgt Ion:152 Resp: 128155

Ion Ratio Lower Upper

152 100

115 58.0 42.7 128.1

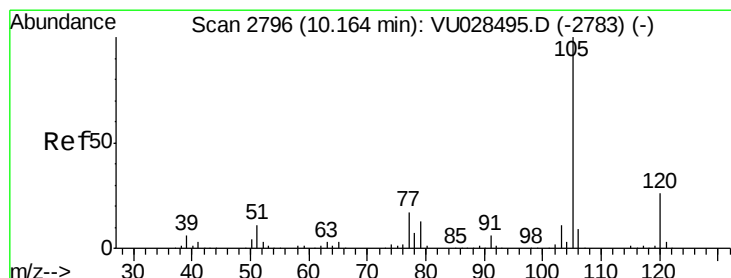
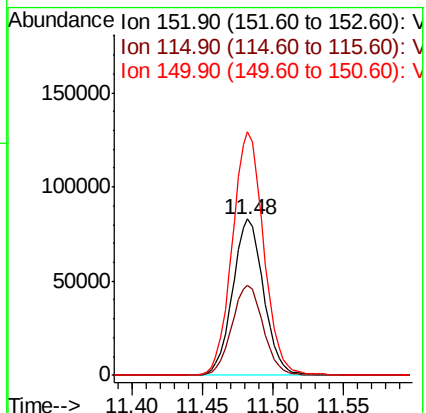
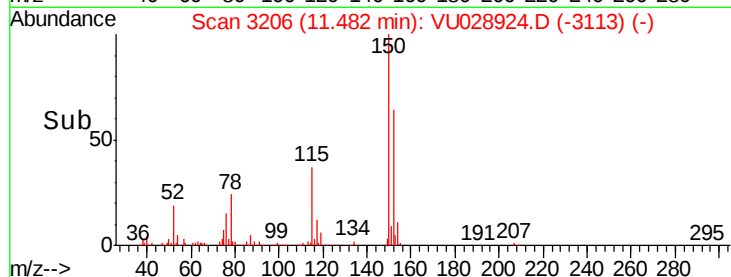
150 157.4 0.0 346.0



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: 0.768 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028924.D

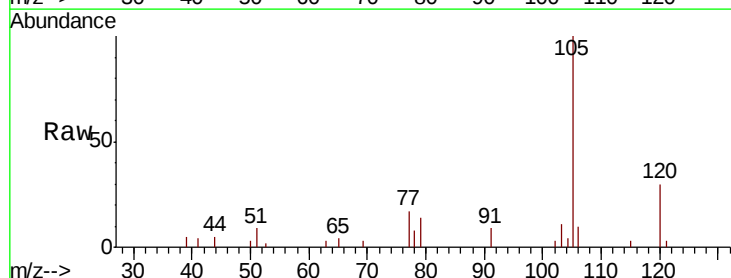
Acq: 22 Dec 2018 19:02

Tgt Ion:105 Resp: 7552

Ion Ratio Lower Upper

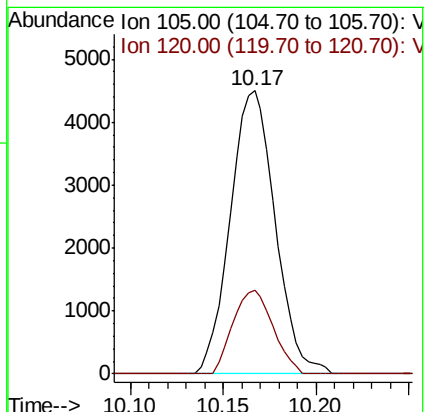
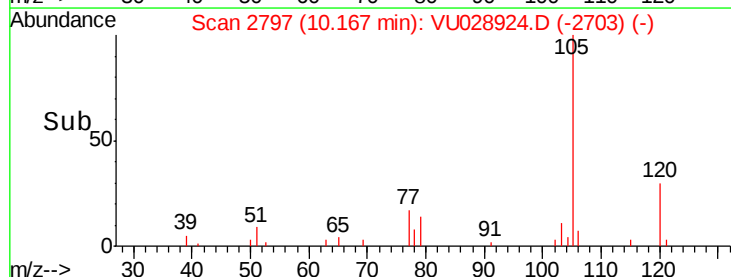
105 100

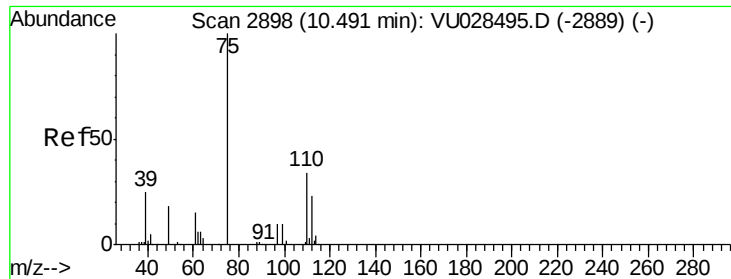
120 26.4 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 1.003 ug/l

RT: 10.60 min Scan# 2933

Delta R.T. 0.11 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

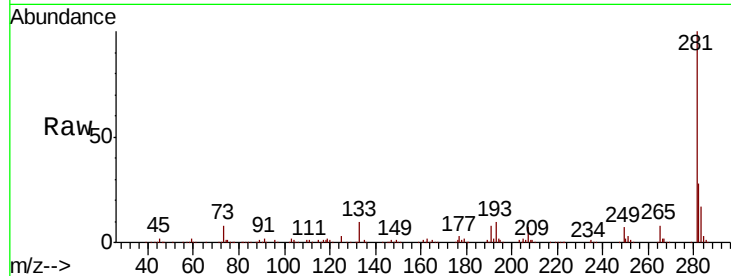
P001-SS013A-2430-01MEDL

Tgt Ion: 75 Resp: 3281

Ion Ratio Lower Upper

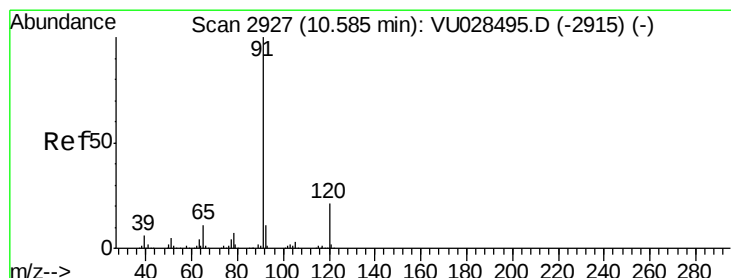
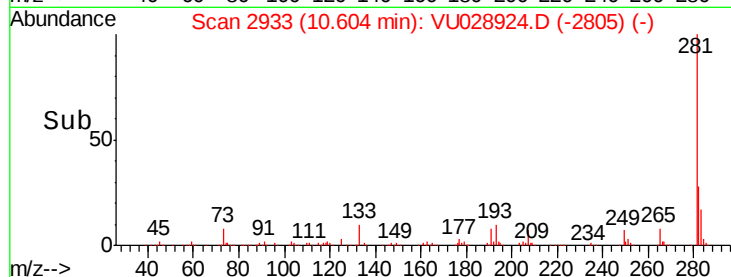
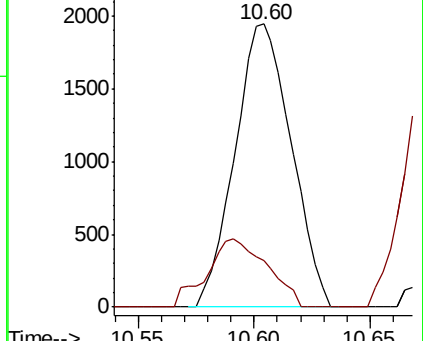
75 100

77 25.8 20.8 62.4



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#78

n-propylbenzene

Concen: 1.198 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028924.D

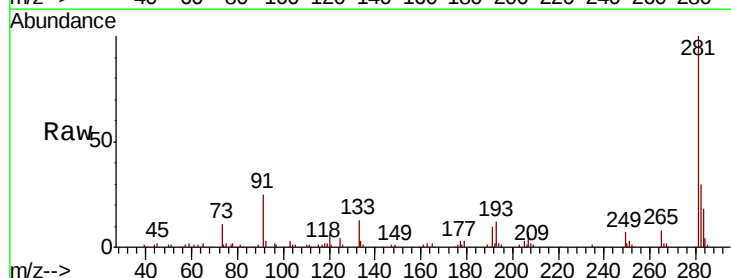
Acq: 22 Dec 2018 19:02

Tgt Ion: 91 Resp: 14638

Ion Ratio Lower Upper

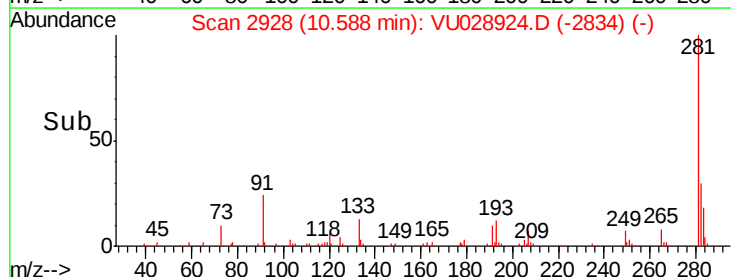
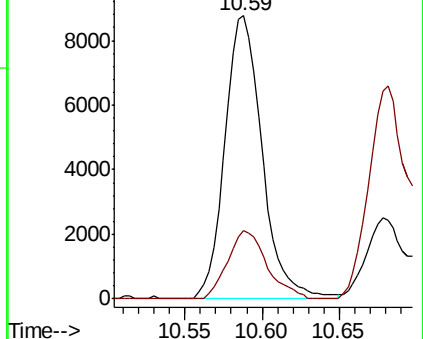
91 100

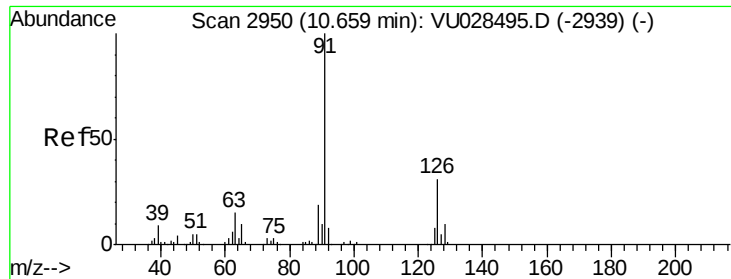
120 25.4 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.783 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.02 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

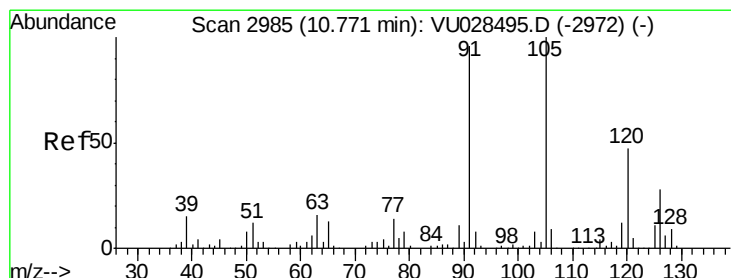
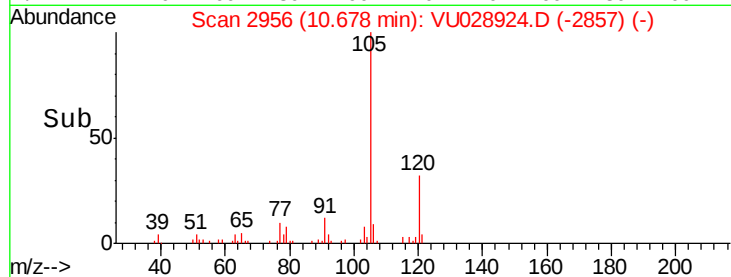
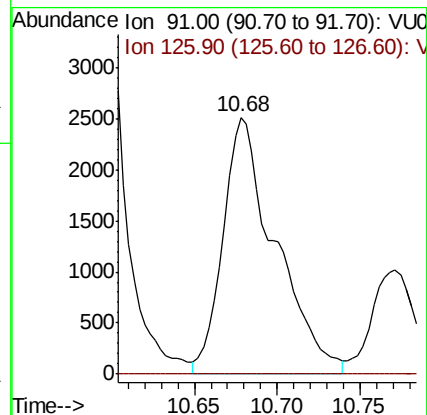
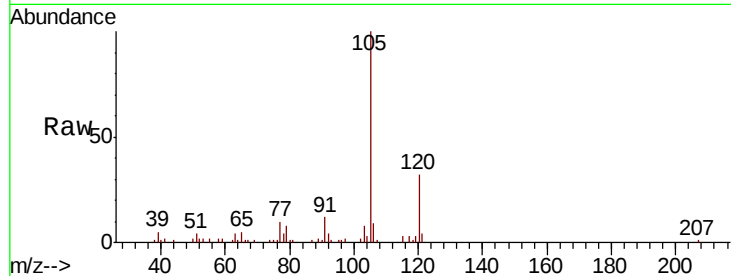
P001-SS013A-2430-01MEDL

Tgt Ion: 91 Resp: 5514

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.8#



#80

1,3,5-Trimethylbenzene

Concen: 1.964 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028924.D

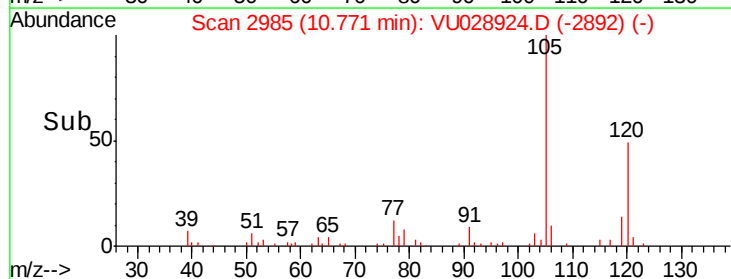
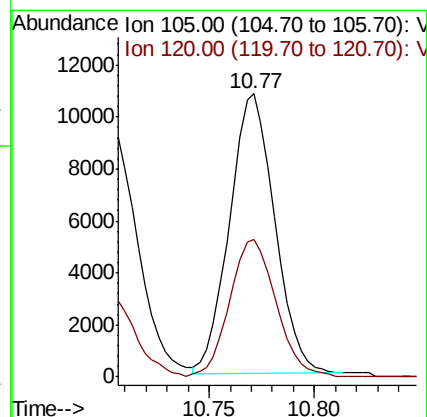
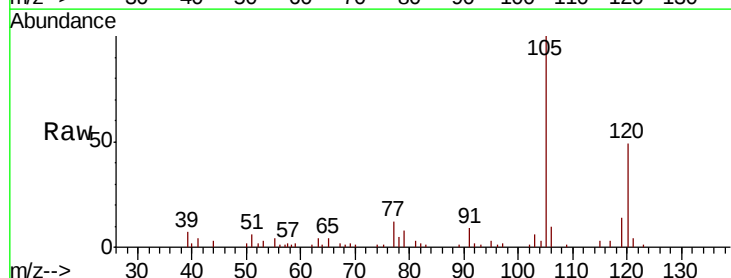
Acq: 22 Dec 2018 19:02

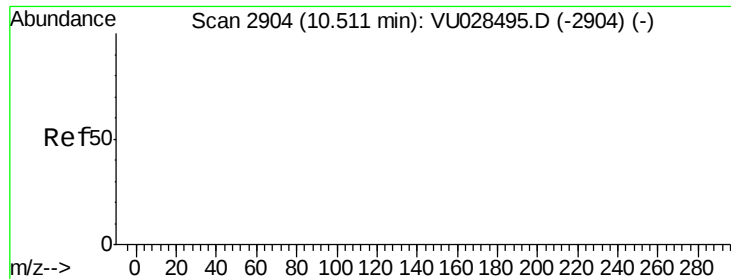
Tgt Ion: 105 Resp: 15989

Ion Ratio Lower Upper

105 100

120 50.4 23.7 71.1

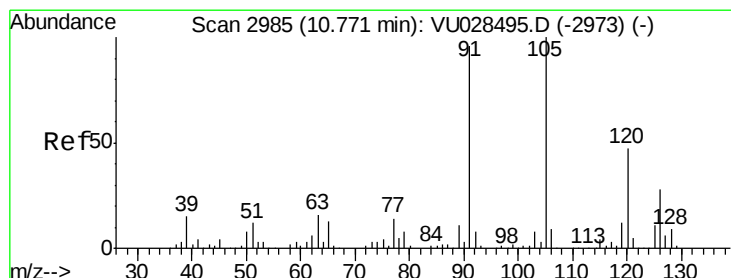
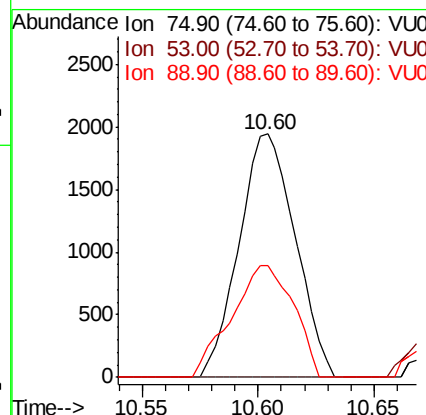
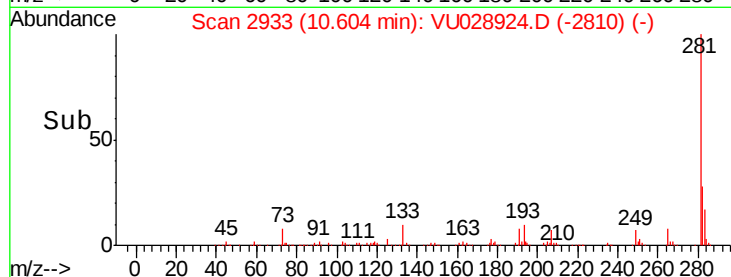
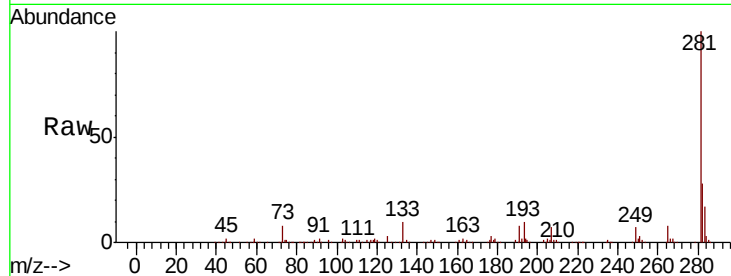




#81
trans-1,4-Dichloro-2-butene
Concen: 2.963 ug/l
RT: 10.60 min Scan# 2933
Delta R.T. 0.09 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

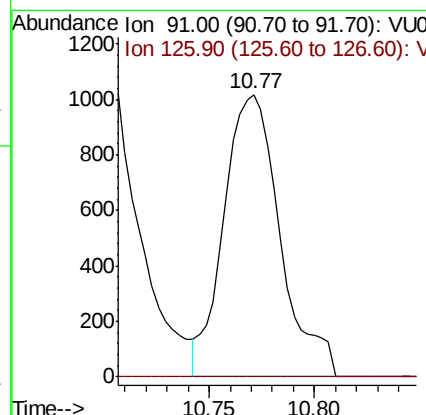
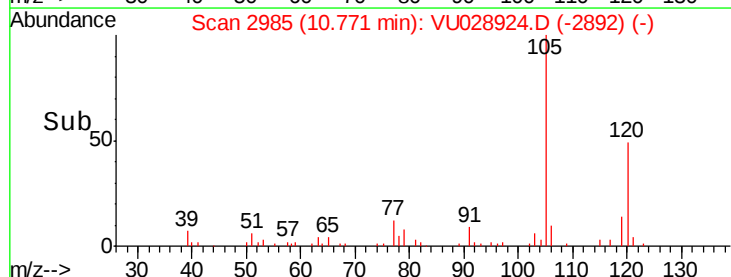
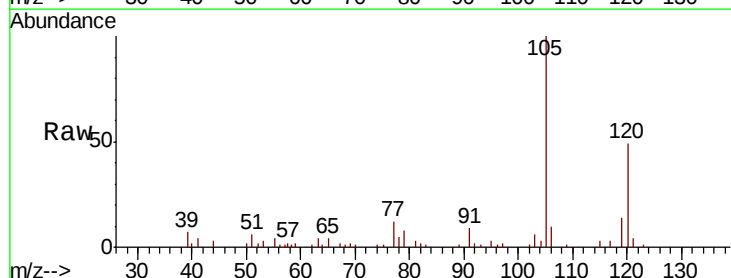
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-2430-01MEDL

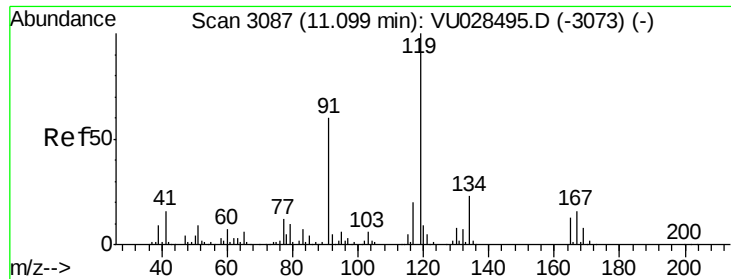
Tgt Ion: 75 Resp: 3281
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 50.5 0.0 0.0#



#82
4-Chlorotoluene
Concen: 0.226 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

Tgt Ion: 91 Resp: 1885
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.3#

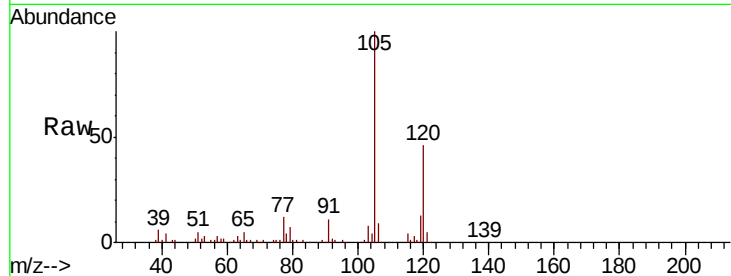




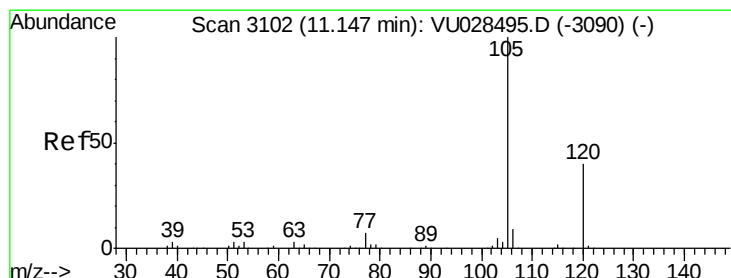
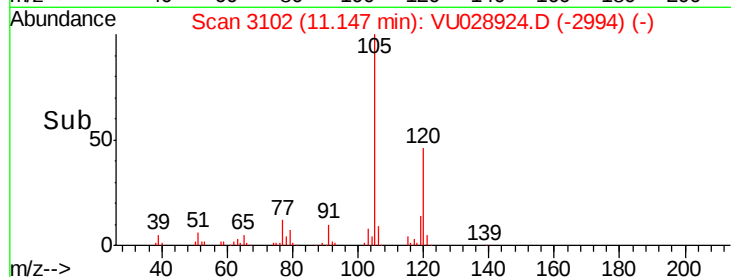
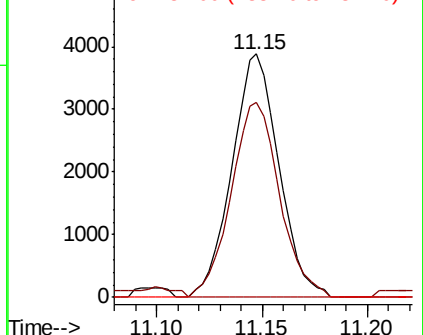
#83
 tert-Butylbenzene
 Concen: 0.763 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.05 min
 Lab File: VU028924.D
 Acq: 22 Dec 2018 19:02

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013A-2430-01MEDL

Tgt Ion:119 Resp: 5988
 Ion Ratio Lower Upper
 119 100
 91 82.7 30.3 91.0
 134 0.0 11.2 33.5#

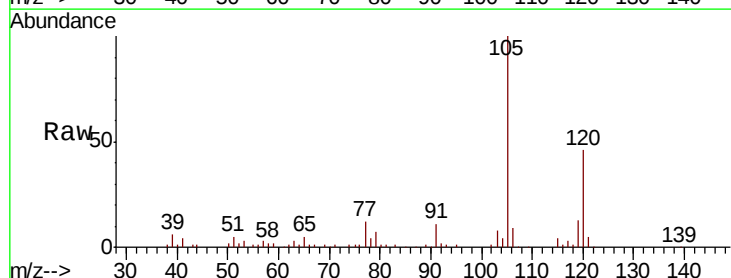


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

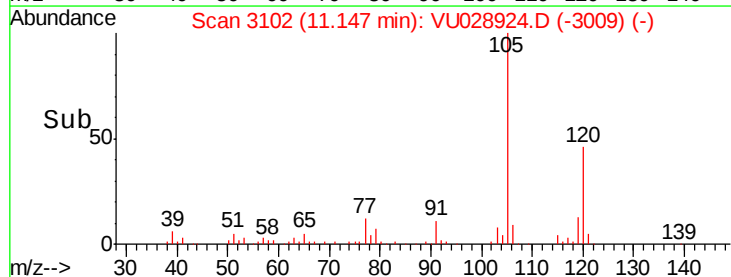
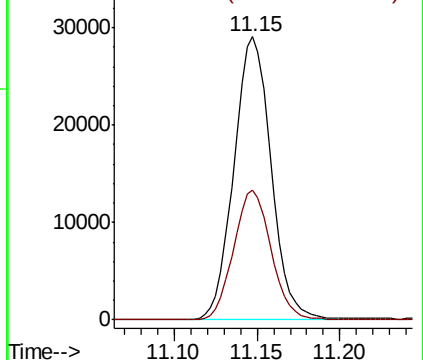


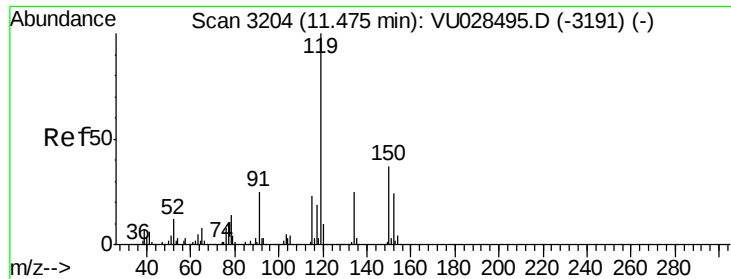
#84
 1,2,4-Trimethylbenzene
 Concen: 5.412 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028924.D
 Acq: 22 Dec 2018 19:02

Tgt Ion:105 Resp: 45402
 Ion Ratio Lower Upper
 105 100
 120 45.9 21.8 65.4



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

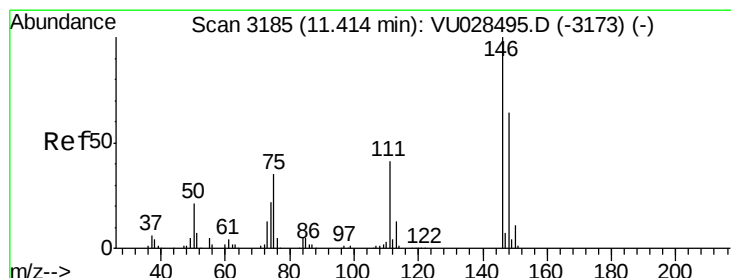
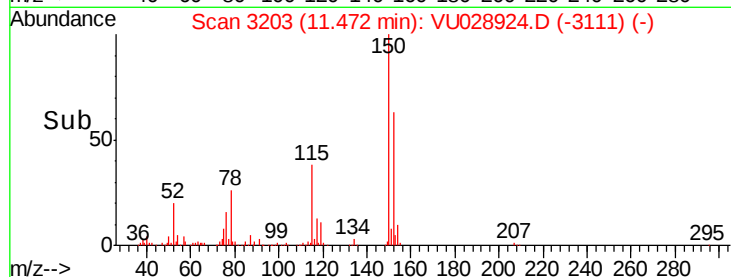
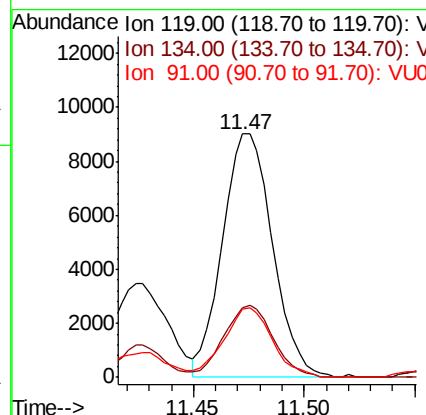
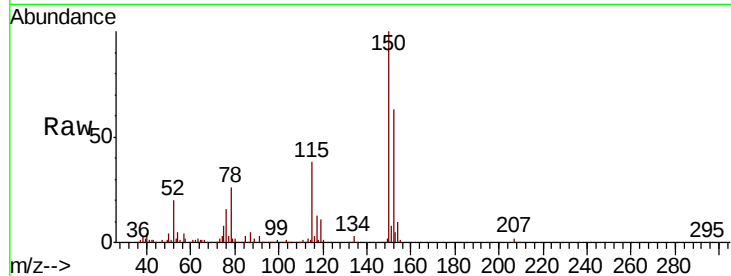




#86
p-Isopropyltoluene
Concen: 1.656 ug/l
RT: 11.47 min Scan# 3203
Delta R.T. -0.00 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

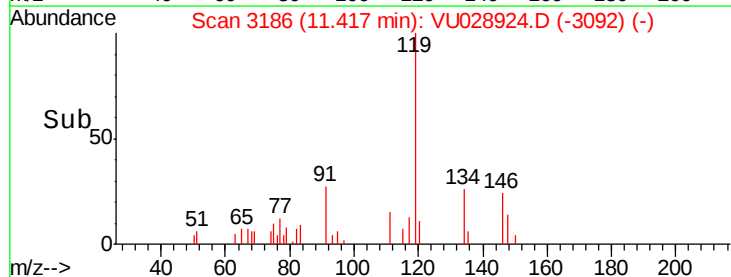
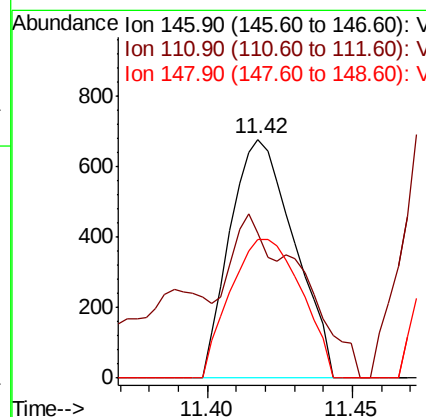
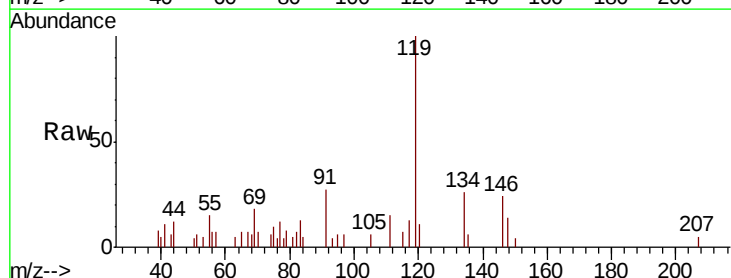
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-2430-01MEDL

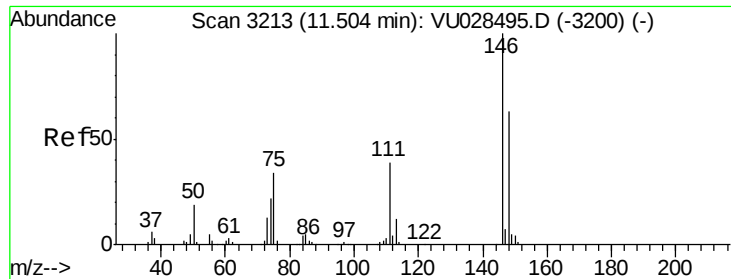
Tgt Ion:119 Resp: 14175
Ion Ratio Lower Upper
119 100
134 29.5 12.7 38.1
91 27.7 12.6 37.6



#87
1,3-Dichlorobenzene
Concen: 0.239 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

Tgt Ion:146 Resp: 1039
Ion Ratio Lower Upper
146 100
111 78.7 20.7 62.1#
148 64.7 31.9 95.7





#88

1,4-Dichlorobenzene

Concen: 1.653 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-2430-01MEDL

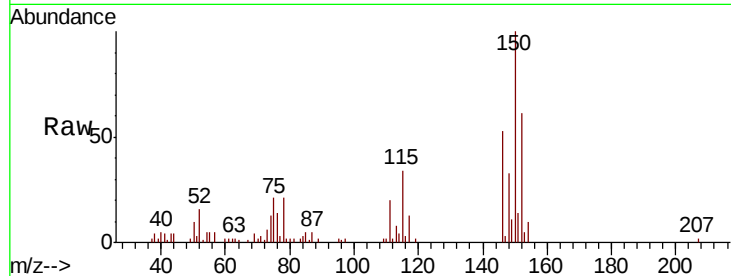
Tgt Ion:146 Resp: 7429

Ion Ratio Lower Upper

146 100

111 62.3 20.2 60.5#

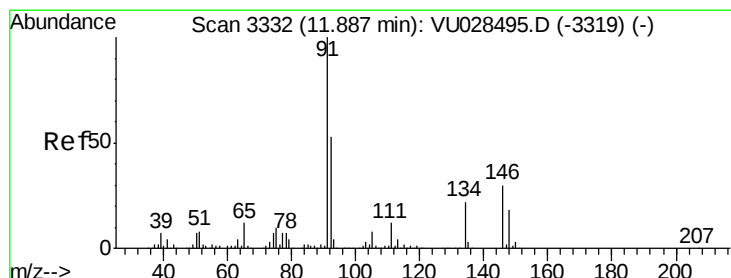
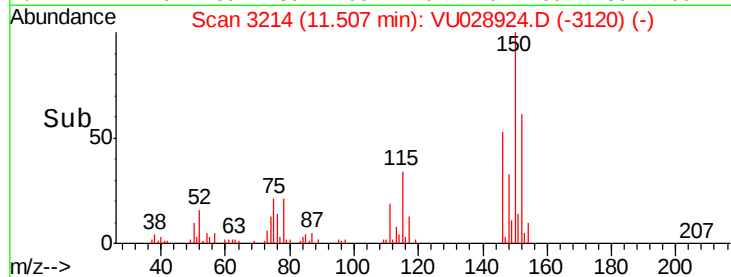
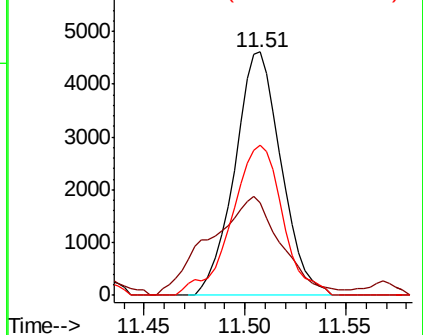
148 67.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.448 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

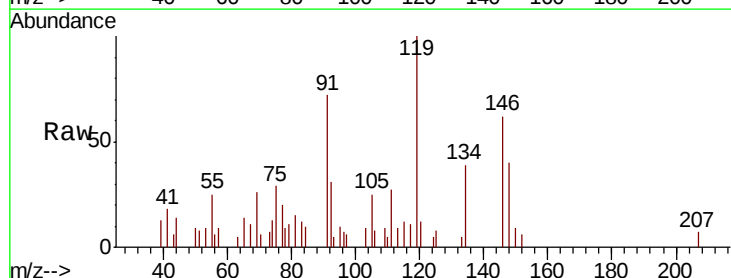
Tgt Ion: 91 Resp: 3881

Ion Ratio Lower Upper

91 100

92 29.6 26.3 78.9

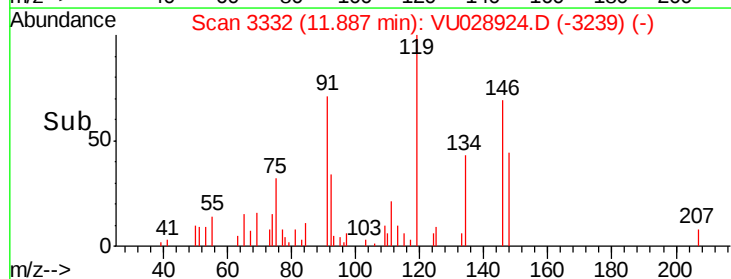
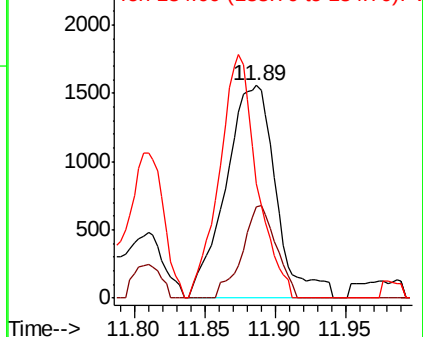
134 85.3 11.3 33.8#

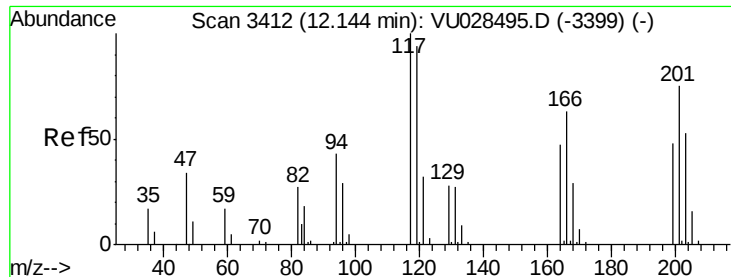


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

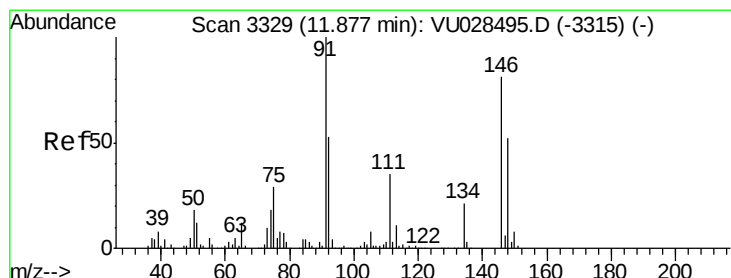
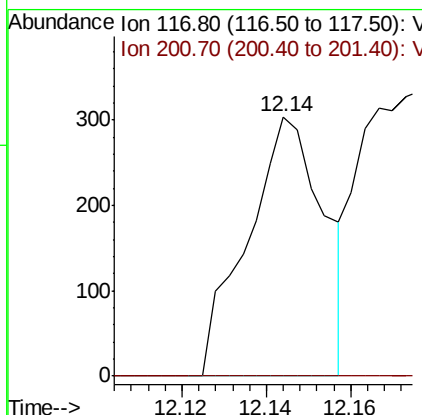
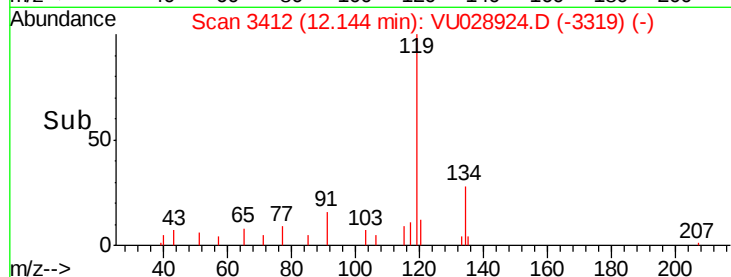
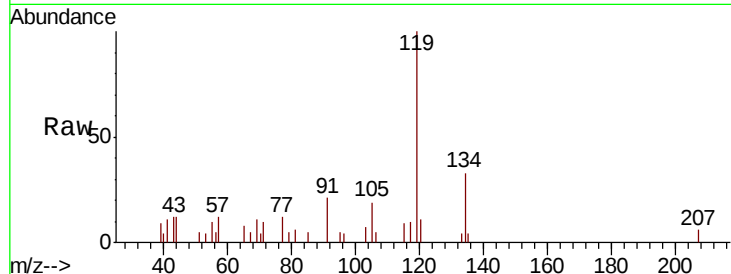




#90
 Hexachloroethane
 Concen: 0.294 ug/l
 RT: 12.14 min Scan# 3412
 Delta R.T. -0.00 min
 Lab File: VU028924.D
 Acq: 22 Dec 2018 19:02

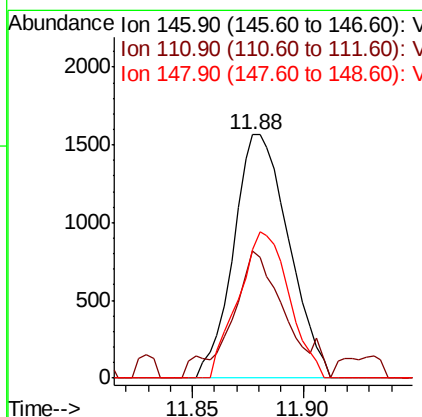
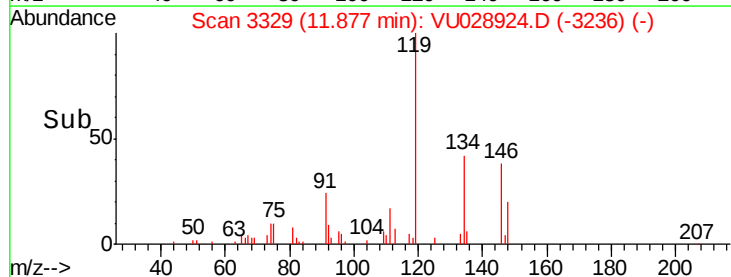
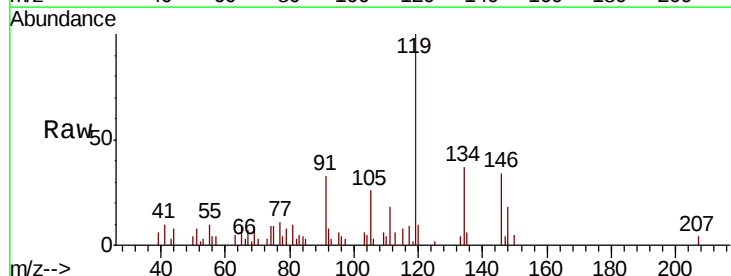
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013A-2430-01MEDL

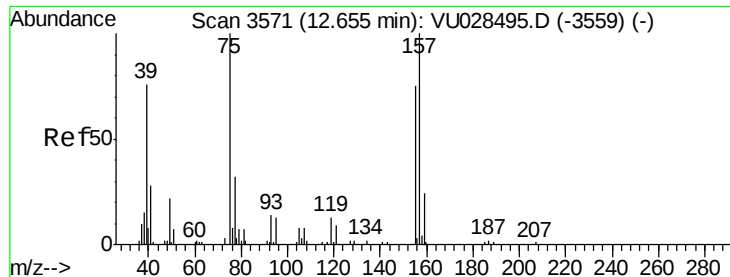
Tgt Ion:117 Resp: 380
 Ion Ratio Lower Upper
 117 100
 201 0.0 38.1 114.5#



#91
 1,2-Dichlorobenzene
 Concen: 0.625 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU028924.D
 Acq: 22 Dec 2018 19:02

Tgt Ion:146 Resp: 2713
 Ion Ratio Lower Upper
 146 100
 111 50.6 21.1 63.4
 148 55.3 31.4 94.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.184 ug/l

RT: 12.48 min Scan# 3516

Delta R.T. -0.18 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013A-2430-01MEDL

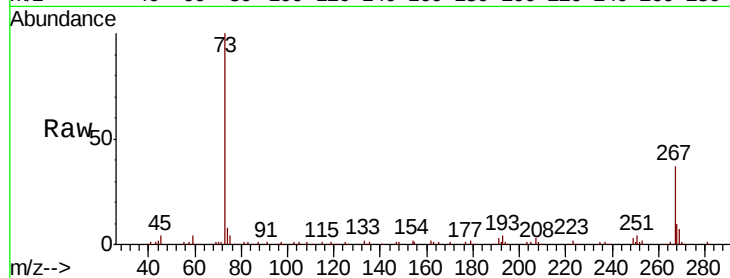
Tgt Ion: 75 Resp: 2604

Ion Ratio Lower Upper

75 100

155 21.3 38.1 114.5#

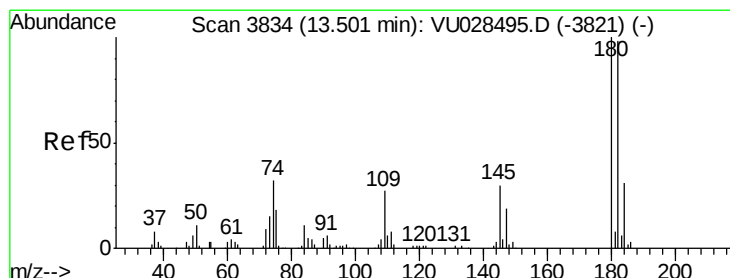
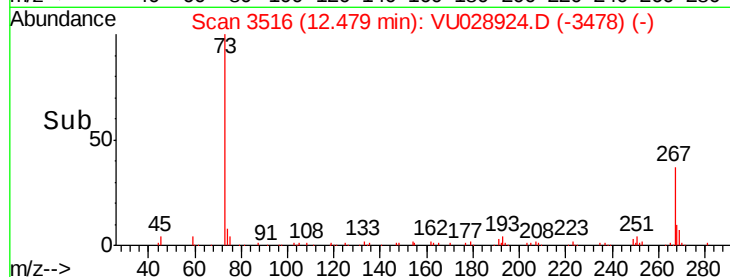
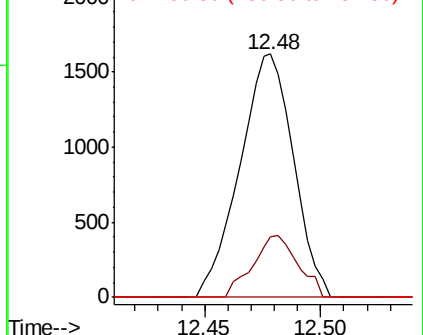
157 0.0 48.7 146.1#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 7.714 ug/l

RT: 13.50 min Scan# 3834

Delta R.T. -0.00 min

Lab File: VU028924.D

Acq: 22 Dec 2018 19:02

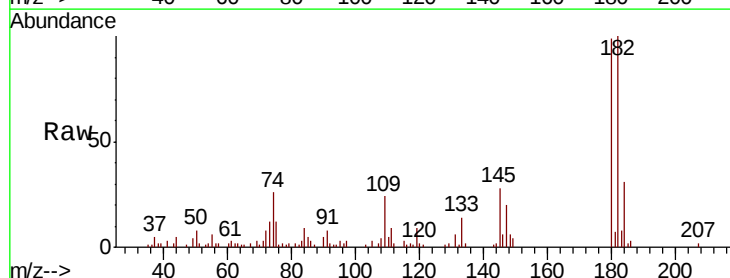
Tgt Ion: 180 Resp: 20859

Ion Ratio Lower Upper

180 100

182 100.7 47.9 143.8

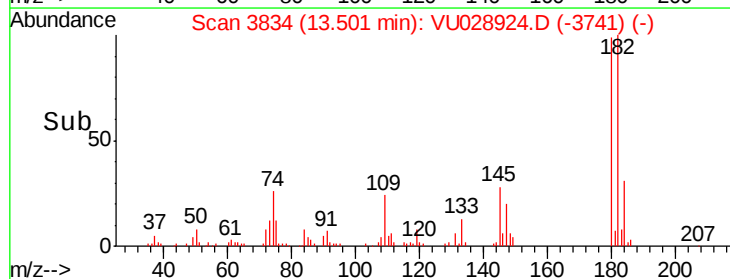
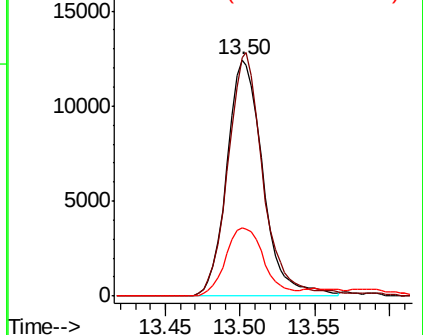
145 31.0 15.0 45.1

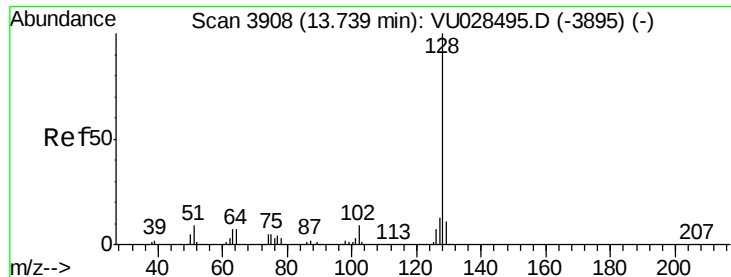


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

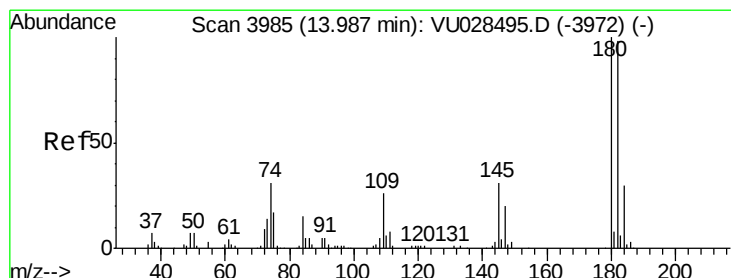
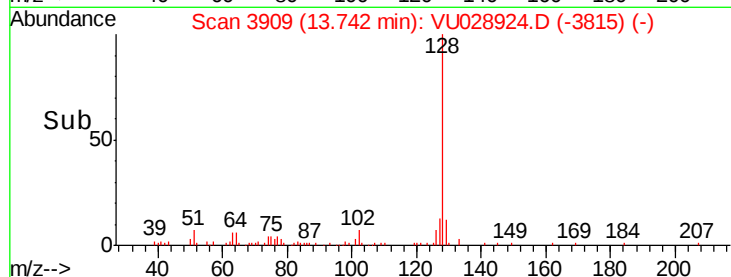
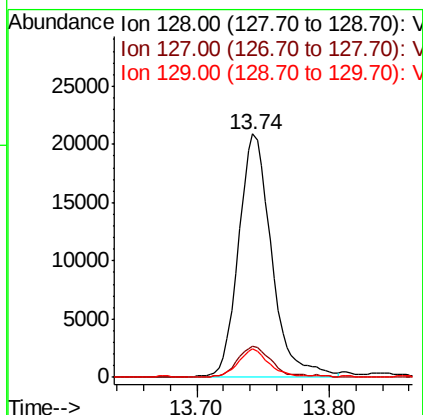
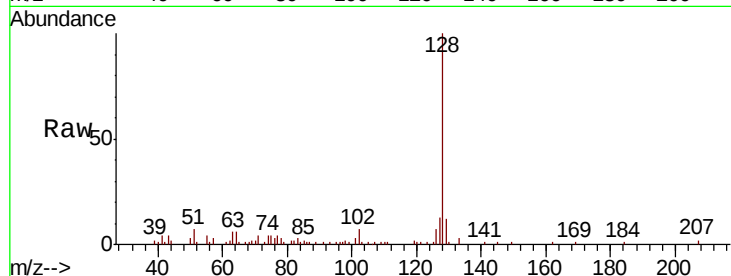




#95
Naphthalene
Concen: 3.488 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013A-2430-01MEDL

Tgt Ion:128 Resp: 36356
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 3.724 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028924.D
Acq: 22 Dec 2018 19:02

Tgt Ion:180 Resp: 10660
Ion Ratio Lower Upper
180 100
182 91.0 48.2 144.6
145 42.9 15.8 47.3

