

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX063018\
 Data File : VX003085.D
 Acq On : 30 Jun 2018 18:03
 Operator : JC/MD
 Sample : J3716-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0039

Manual Integrations
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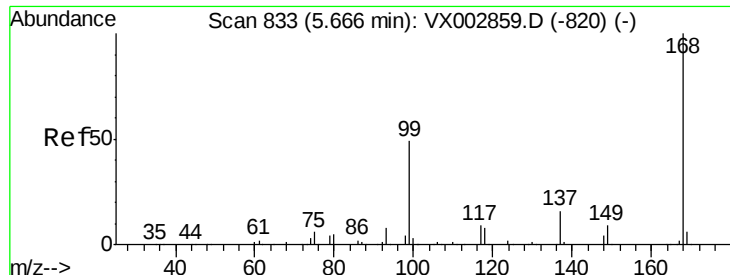
Quant Time: Jul 02 03:57:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	374443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216567	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	171880	45.61	ug/l	0.00
Spiked Amount			Recovery	=	91.22%	
35) Dibromofluoromethane	5.51	113	141264	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
50) Toluene-d8	8.72	98	530434	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.14	95	197293	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	1773	6.73	ug/l #	93
16) Acetone	2.45	43	5376	3.45	ug/l	97
31) Cyclohexane	5.58	56	428794	90.74	ug/l	94
39) Methylcyclohexane	7.46	83	607938	127.10	ug/l	98
52) Toluene	8.79	92	2348	0.31	ug/l	91
67) Ethyl Benzene	10.26	91	5110247	343.67	ug/l	98
68) m/p-Xylenes	10.37	106	2351667	410.35	ug/l	95
69) o-Xylene	10.70	106	6674	1.20	ug/l	99
73) Isopropylbenzene	11.02	105	1086202	74.56	ug/l	99
78) n-propylbenzene	11.37	91	1217476	73.41	ug/l	99
83) tert-Butylbenzene	11.77	119	13912m	1.15	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	5240850	412.22	ug/l	96
85) sec-Butylbenzene	11.95	105	141496m	9.64	ug/l	
86) p-Isopropyltoluene	12.07	119	162372	12.31	ug/l	100
89) n-Butylbenzene	12.39	91	78171	6.81	ug/l #	56
95) Naphthalene	13.84	128	1561172	105.31	ug/l	100

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



#1

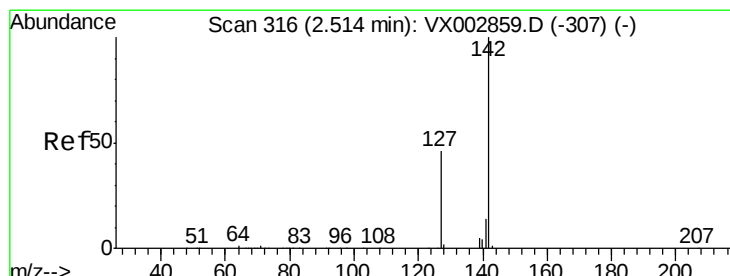
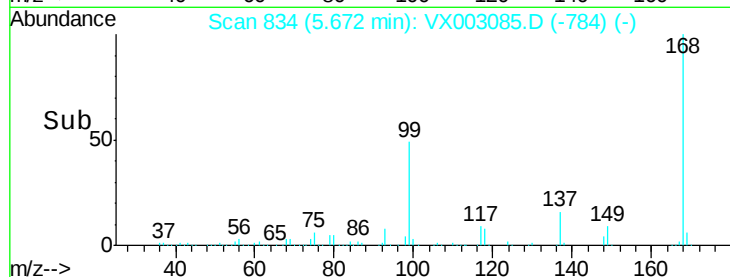
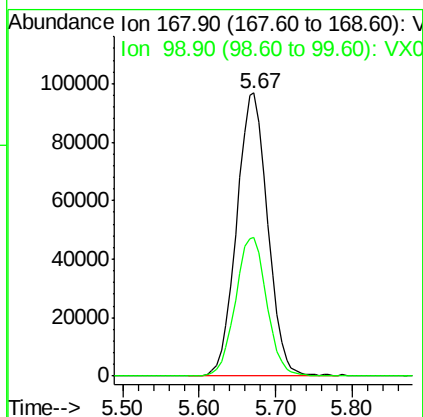
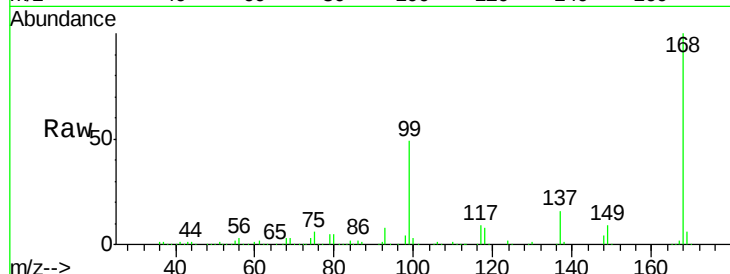
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: VX003085.D
 Acq: 30 Jun 2018 18:03

Instrument :
 MSVOA_X
 ClientSampled :
 S22-0039

Tot Ion	Ratio	Resp	Lower	Upper
168	100	272622		
99	49.2	39.3	58.9	

Manual Integrations
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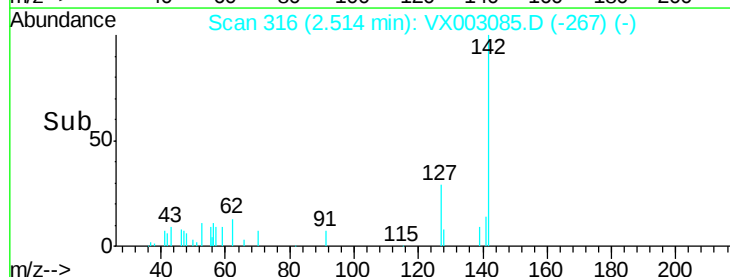
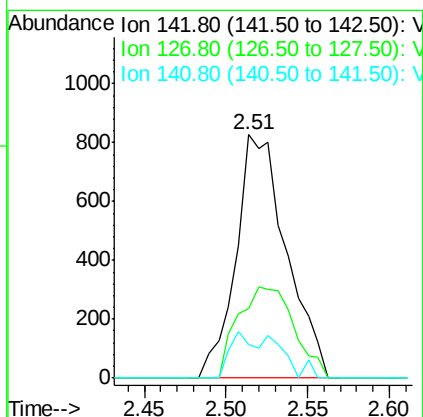
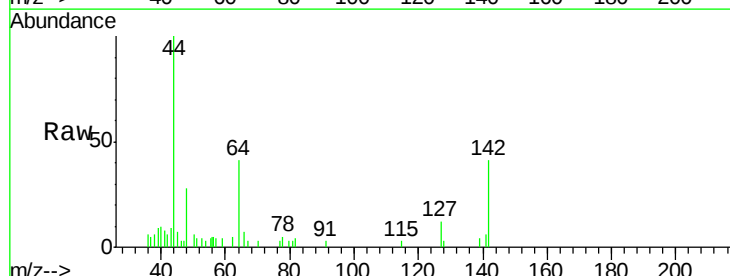
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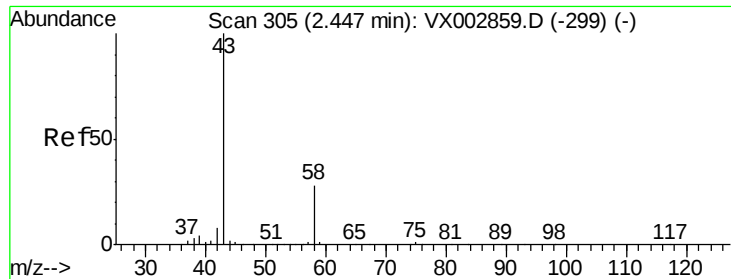


#10

Methyl Iodide
 Concen: 6.73 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX003085.D
 Acq: 30 Jun 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1773		
127	41.8	36.6	55.0	
141	9.6	11.3	16.9	





#16

Acetone

Concen: 3.45 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003085.D

Acq: 30 Jun 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

S22-0039

Tot Ion: 43 Resp: 5376

Ion Ratio Lower Upper

43 100

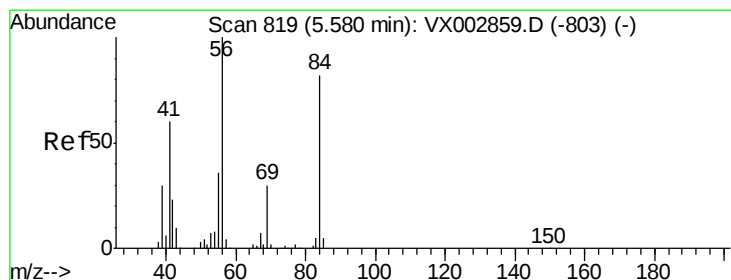
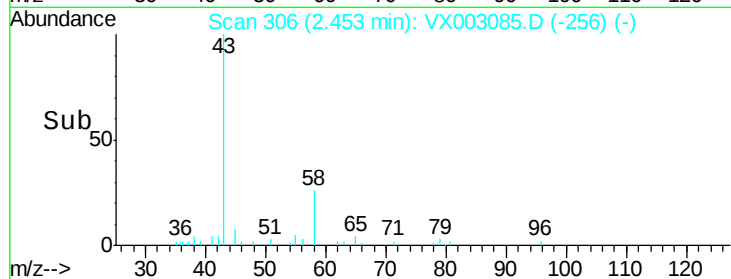
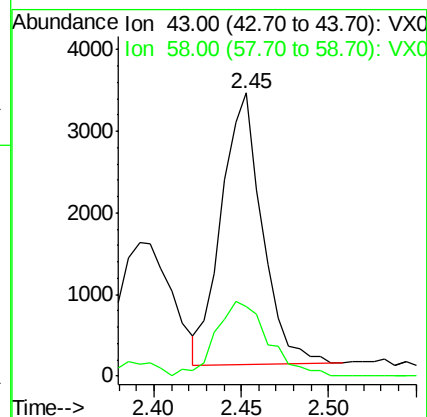
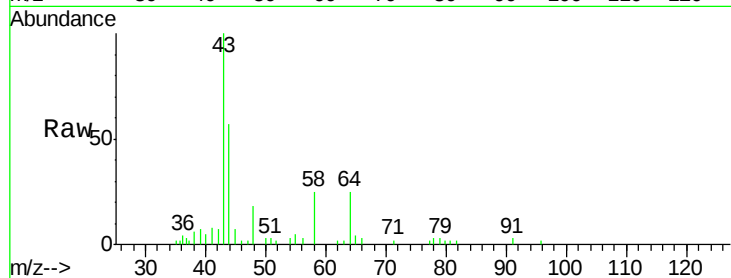
58 26.0 22.1 33.1

Manual Integrations

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#31

Cyclohexane

Concen: 90.74 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX003085.D

Acq: 30 Jun 2018 18:03

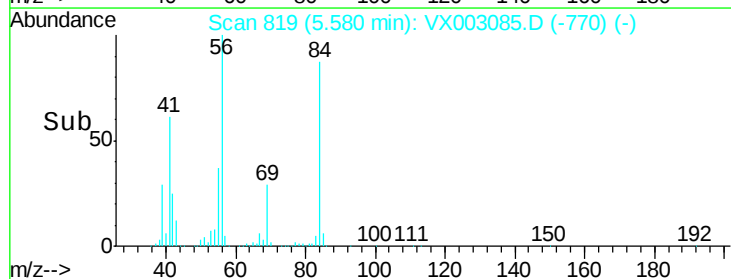
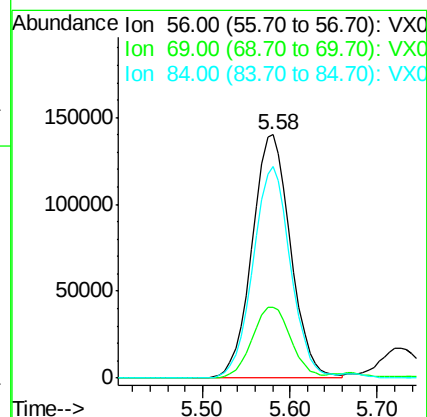
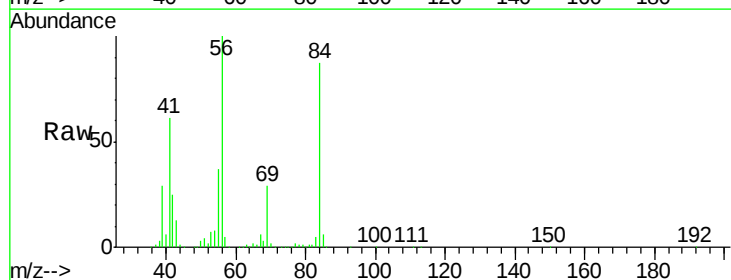
Tgt Ion: 56 Resp: 428794

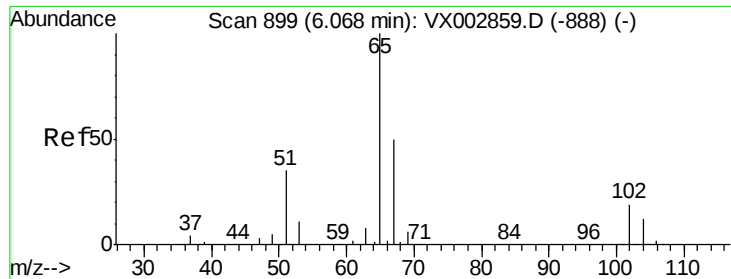
Ion Ratio Lower Upper

56 100

69 29.2 23.7 35.5

84 86.8 64.1 96.1





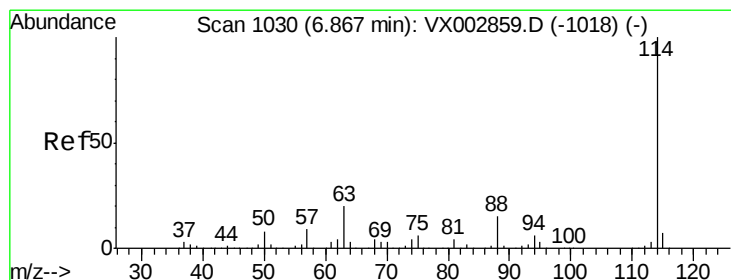
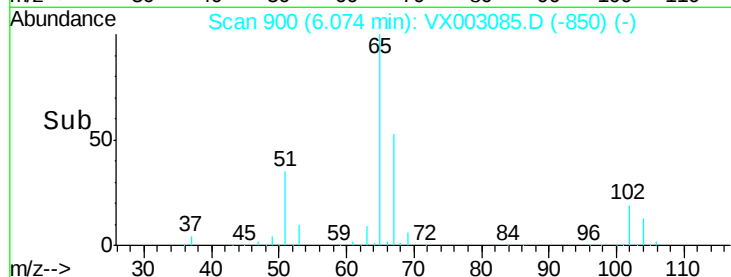
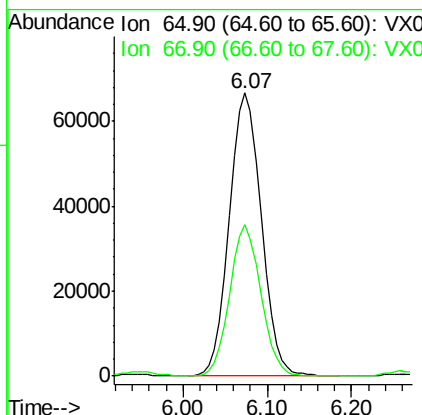
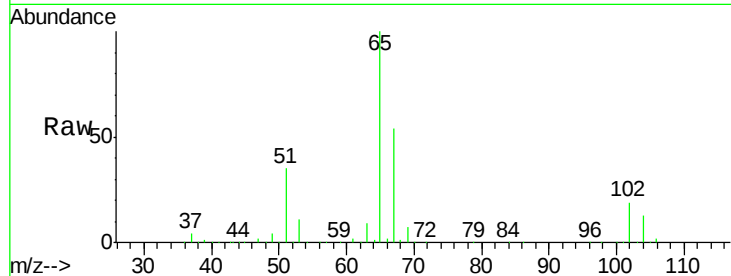
#33
 1,2-Dichloroethane-d4
 Concen: 45.61 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003085.D
 Acq: 30 Jun 2018 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0039

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171880		
67	51.9	0.0	102.6	

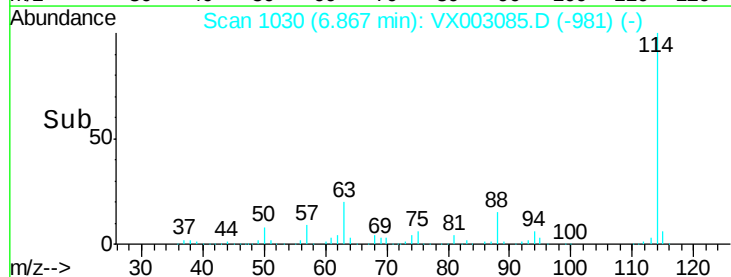
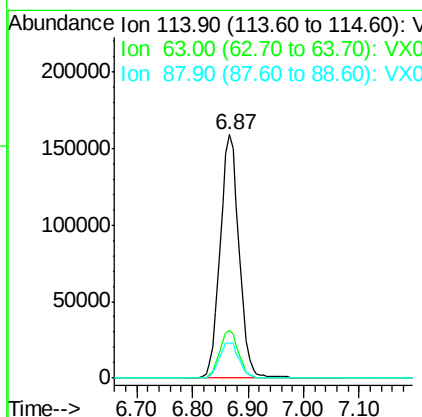
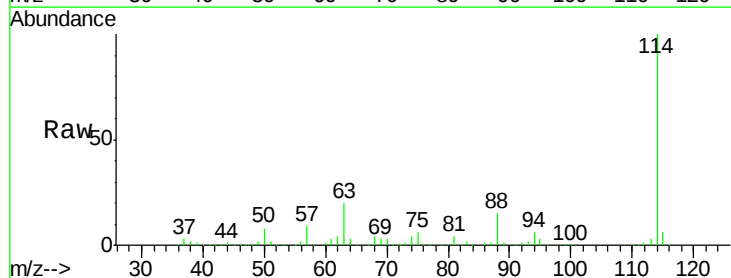
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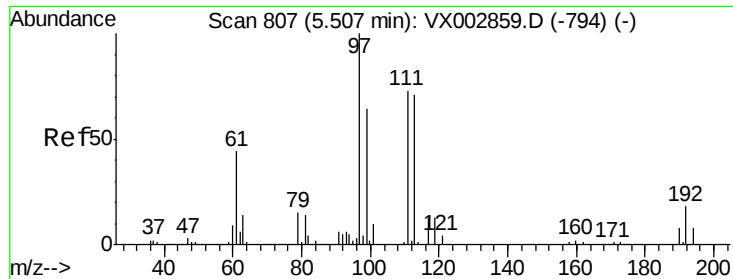
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003085.D
 Acq: 30 Jun 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	374443		
63	19.9	0.0	41.4	
88	14.6	0.0	30.0	





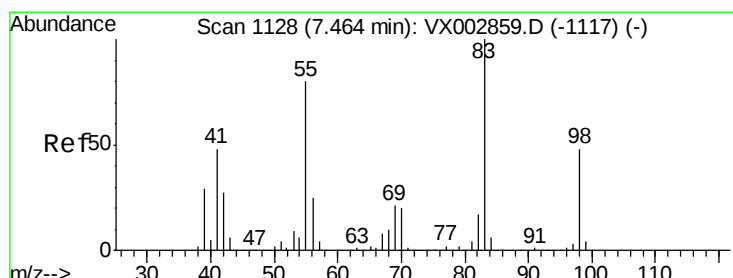
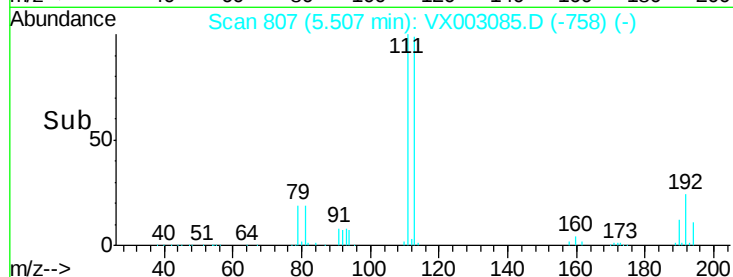
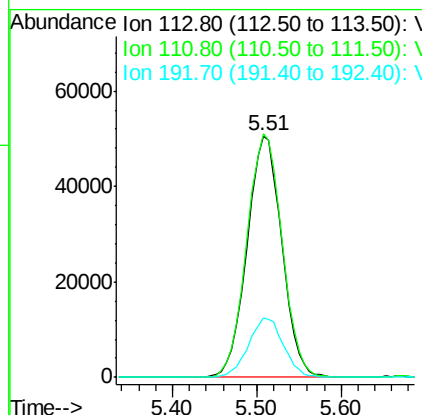
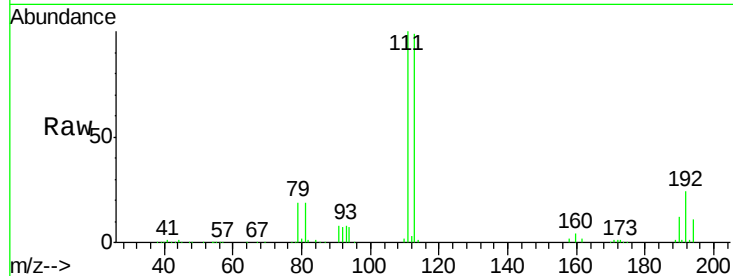
#35
Dibromofluoromethane
Concen: 47.64 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003085.D
Acq: 30 Jun 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
S22-0039

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141264		
111	102.8	81.4	122.0	
192	24.8	19.1	28.7	

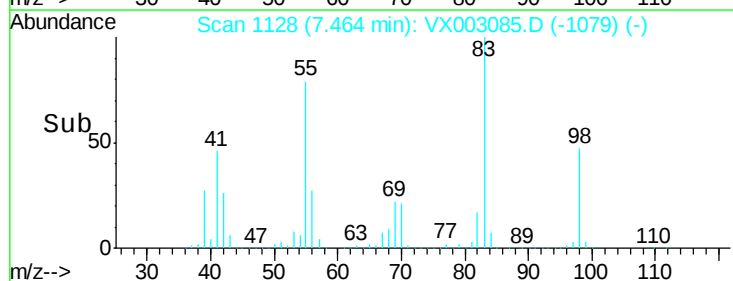
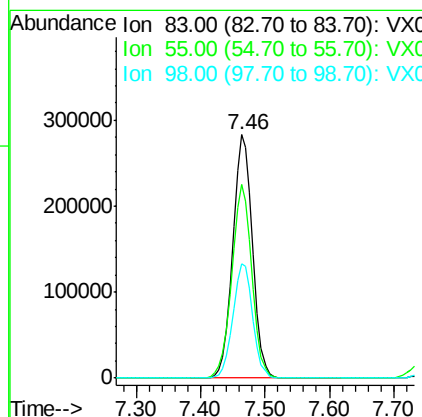
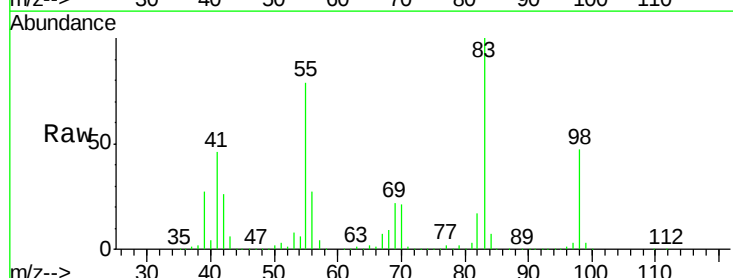
Manual Integrations
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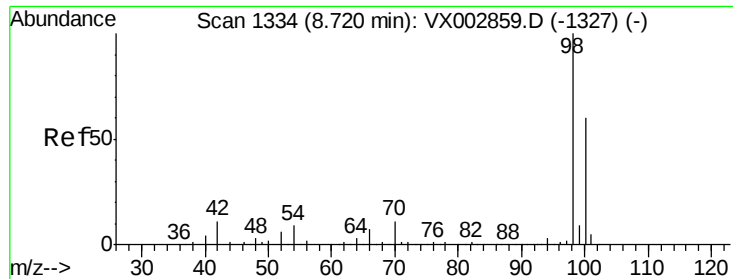
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#39
Methylcyclohexane
Concen: 127.10 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003085.D
Acq: 30 Jun 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	607938		
55	79.3	65.4	98.0	
98	46.9	37.4	56.0	





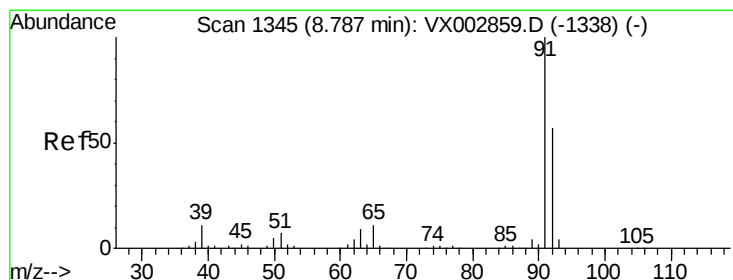
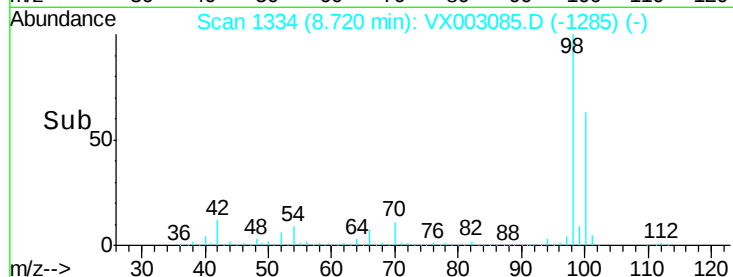
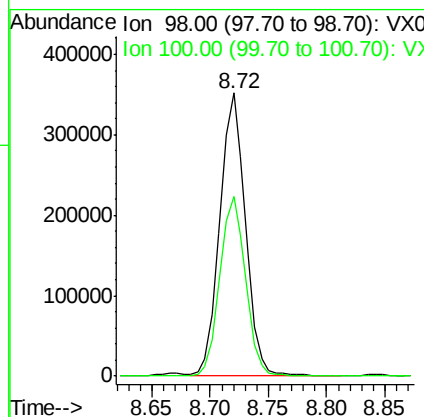
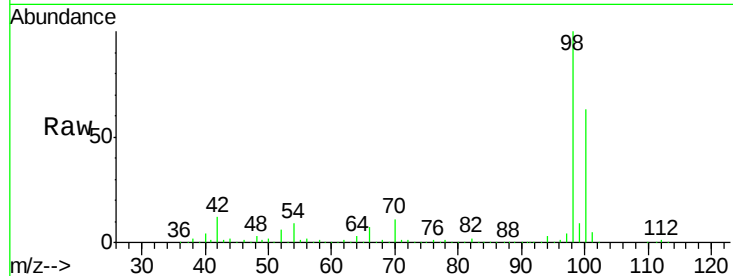
#50
Toluene-d8
Concen: 48.99 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003085.D
Acq: 30 Jun 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
S22-0039

Tot Ion: 98 Resp: 530434
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

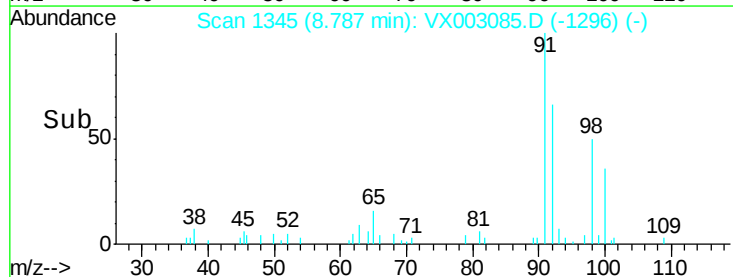
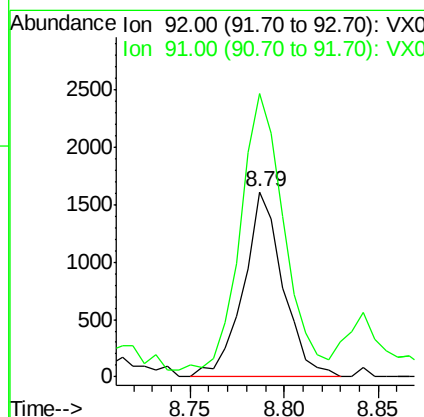
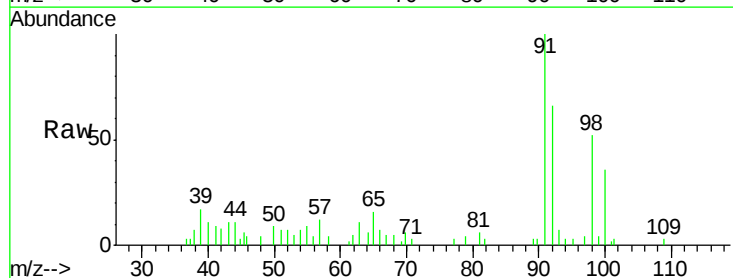
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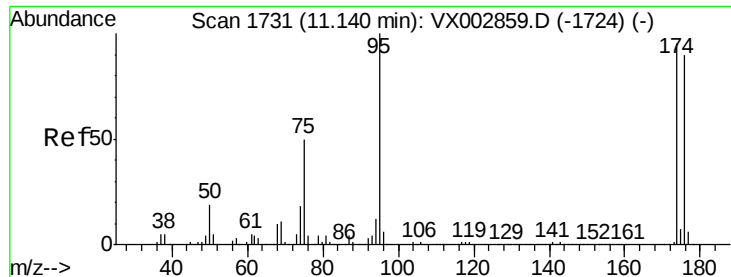
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#52
Toluene
Concen: 0.31 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003085.D
Acq: 30 Jun 2018 18:03

Tgt Ion: 92 Resp: 2348
Ion Ratio Lower Upper
92 100
91 163.0 140.4 210.6





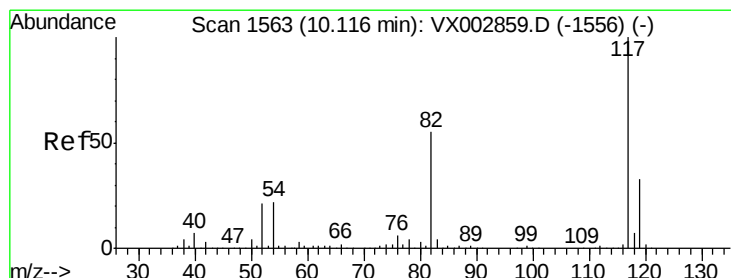
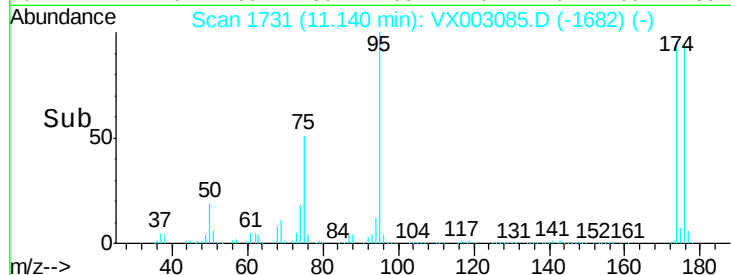
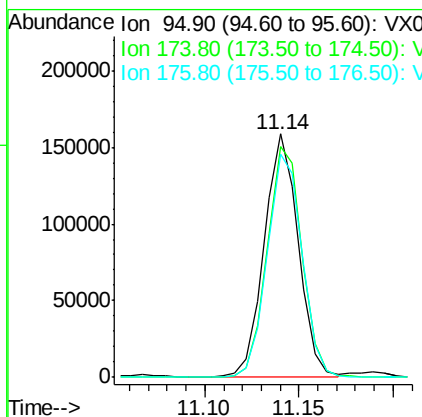
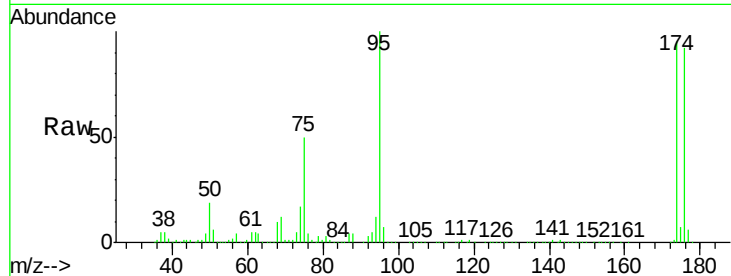
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4-Bromofluorobenzene
Concen: 47.24 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003085.D
Acq: 30 Jun 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
S22-0039

Tot Ion	Ratio	Resp	Lower	Upper
95	100	197293		
174	97.6	0.0	187.4	
176	94.8	0.0	181.0	

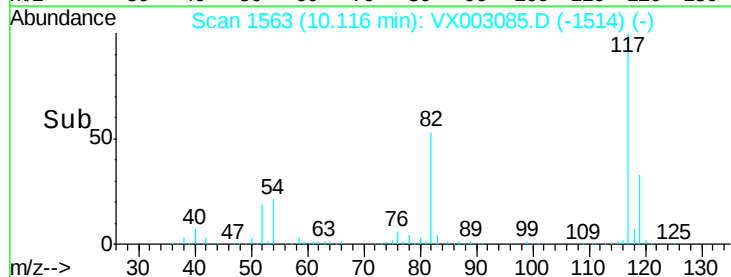
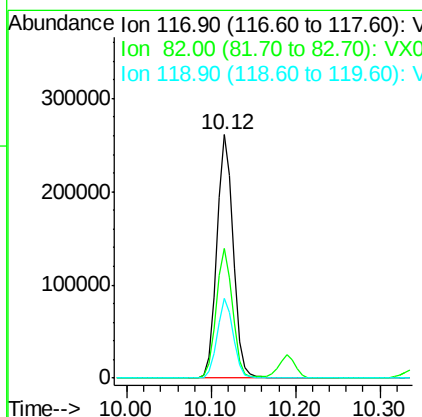
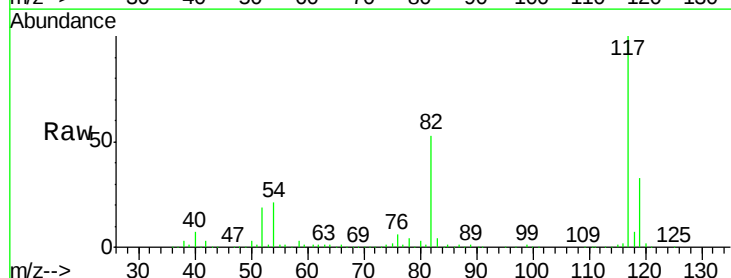
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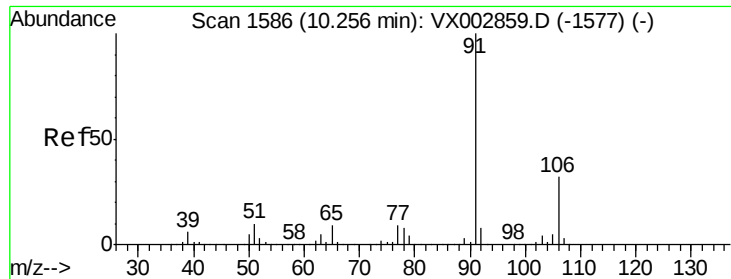
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003085.D
Acq: 30 Jun 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	354390		
82	52.9	45.0	67.4	
119	32.5	25.8	38.6	





#67

Ethyl Benzene

Concen: 343.67 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003085.D

Acq: 30 Jun 2018 18:03

Instrument :

MSVOA_X

ClientSampled :

S22-0039

Tot Ion: 91 Resp: 5110247

Ion Ratio Lower Upper

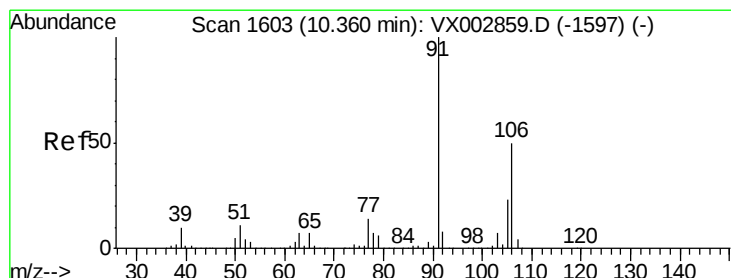
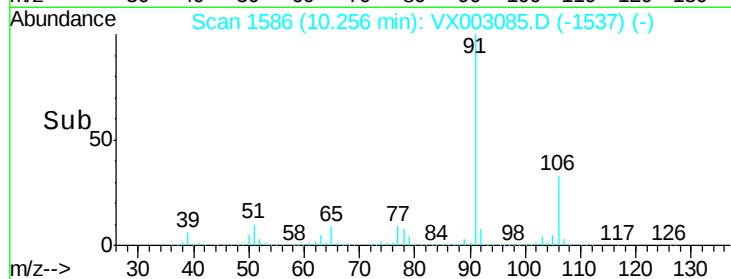
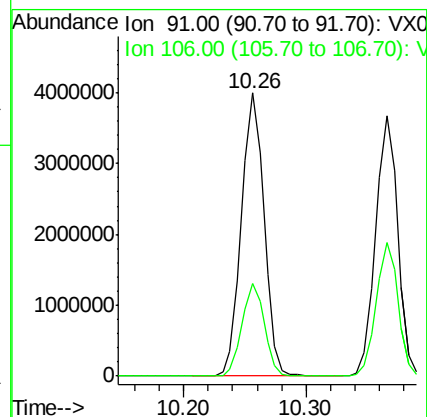
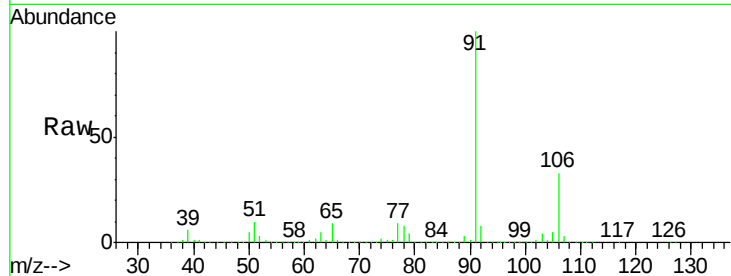
91 100

106 32.9 25.5 38.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 410.35 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX003085.D

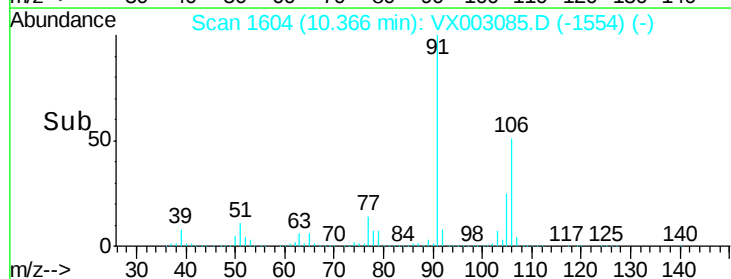
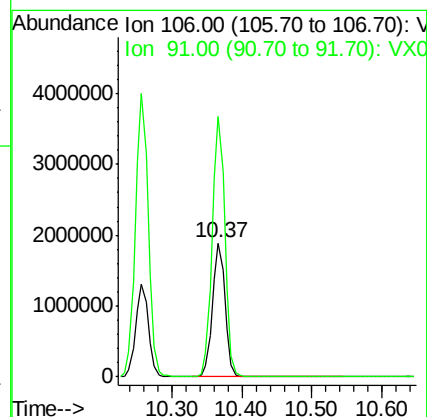
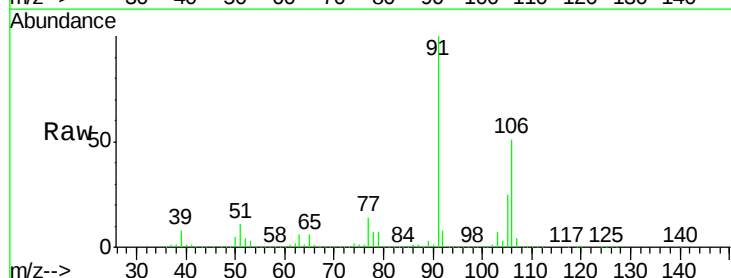
Acq: 30 Jun 2018 18:03

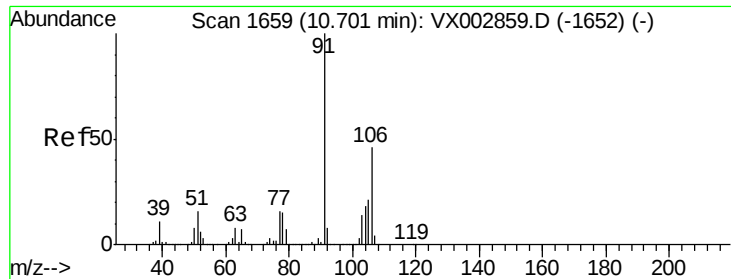
Tgt Ion: 106 Resp: 2351667

Ion Ratio Lower Upper

106 100

91 197.1 163.4 245.2





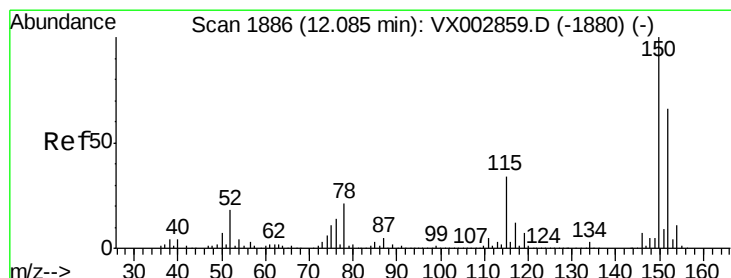
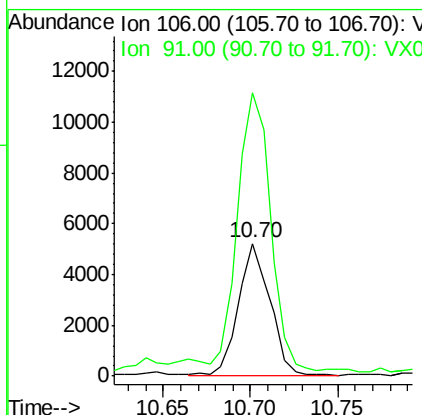
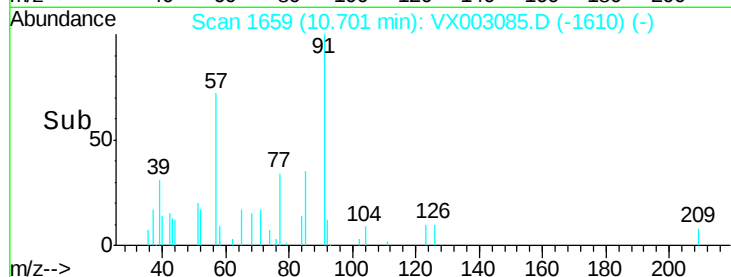
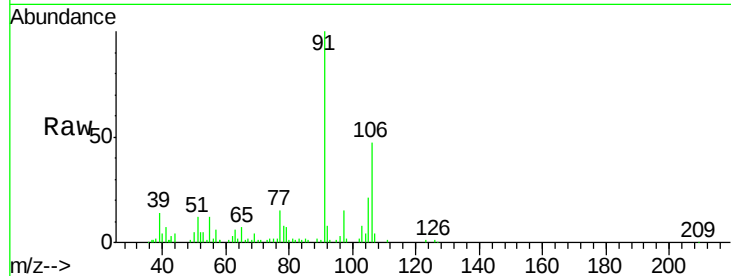
#69
o-Xylene
Concen: 1.20 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003085.D
Acq: 30 Jun 2018 18:03

Instrument :
MSVOA_X
ClientSampled :
S22-0039

Tot Ion:106 Resp: 6674
Ion Ratio Lower Upper
106 100
91 215.1 108.2 324.6

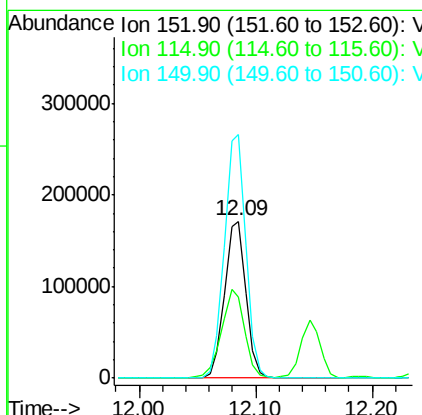
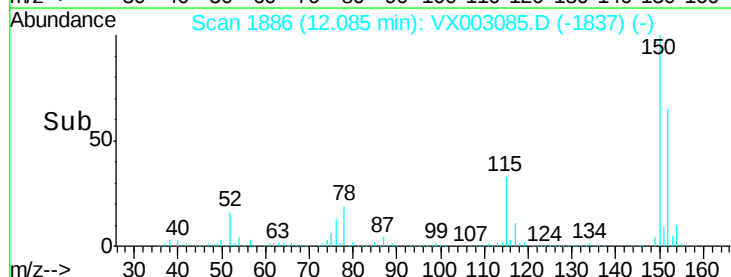
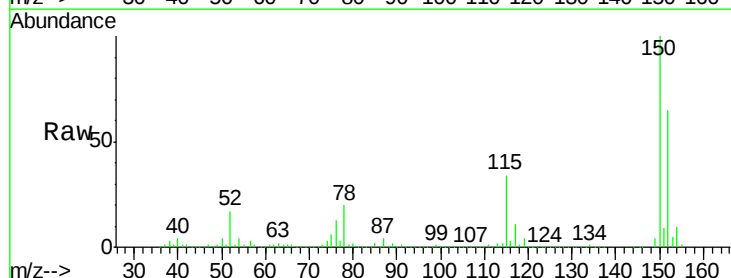
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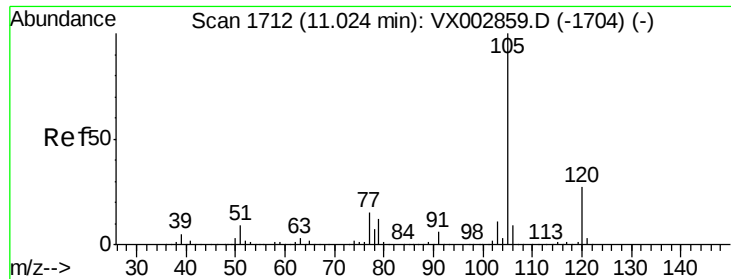
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX003085.D
Acq: 30 Jun 2018 18:03

Tgt Ion:152 Resp: 216567
Ion Ratio Lower Upper
152 100
115 61.1 40.1 120.2
150 156.3 0.0 347.2





#73

Isopropylbenzene

Concen: 74.56 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003085.D

Acq: 30 Jun 2018 18:03

Instrument :

MSVOA_X

ClientSampled :

S22-0039

Tot Ion: 105 Resp: 1086202

Ion Ratio Lower Upper

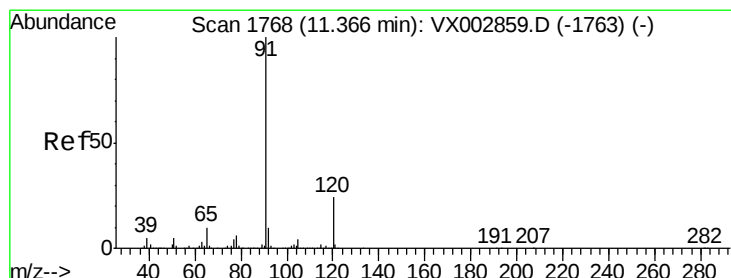
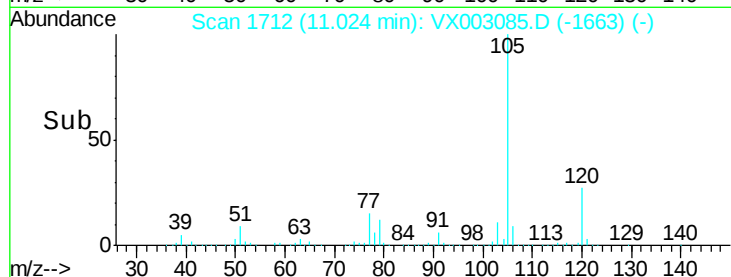
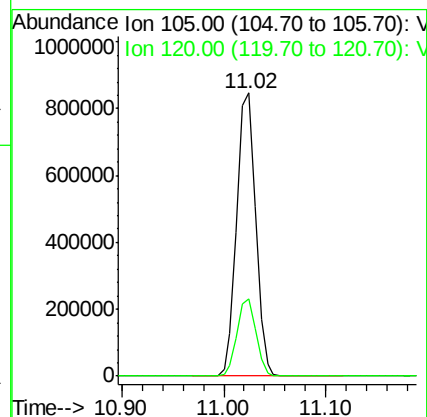
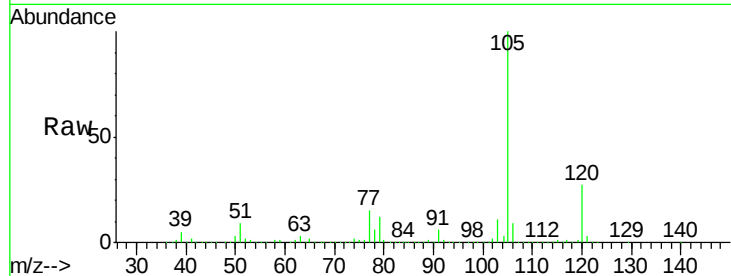
105 100

120 27.2 13.5 40.4

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#78

n-propylbenzene

Concen: 73.41 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003085.D

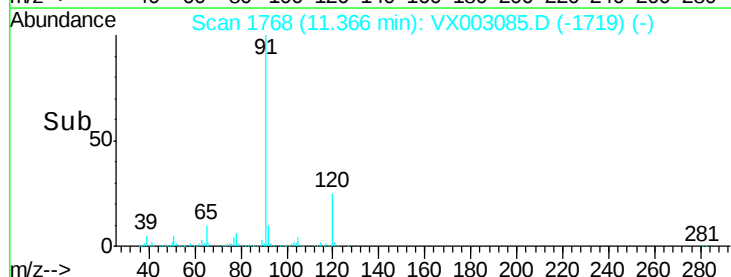
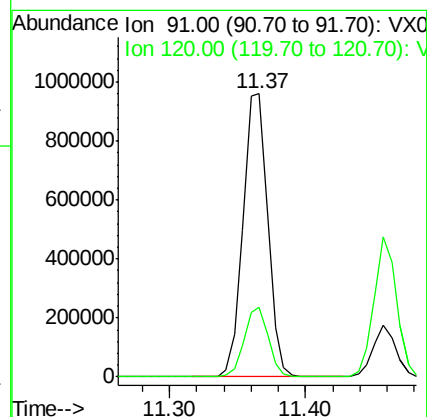
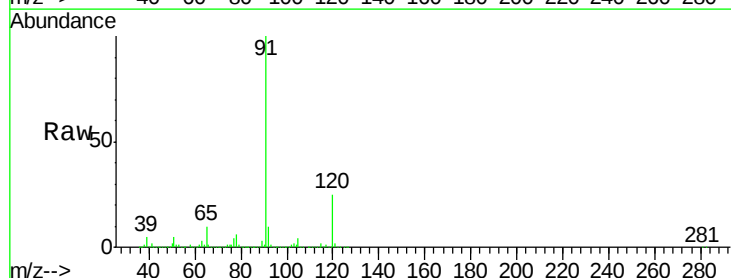
Acq: 30 Jun 2018 18:03

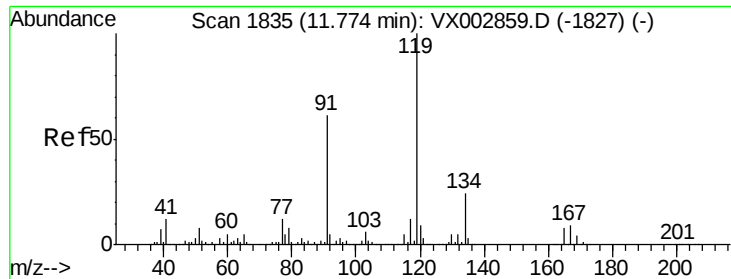
Tgt Ion: 91 Resp: 1217476

Ion Ratio Lower Upper

91 100

120 24.0 11.8 35.4





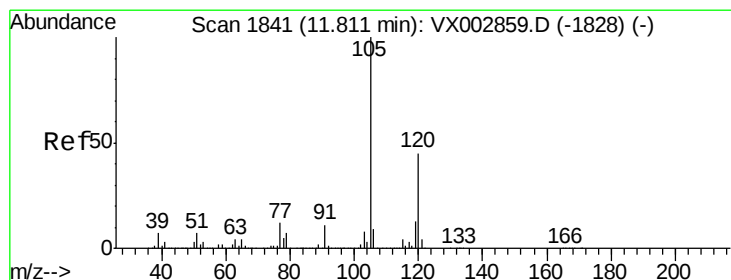
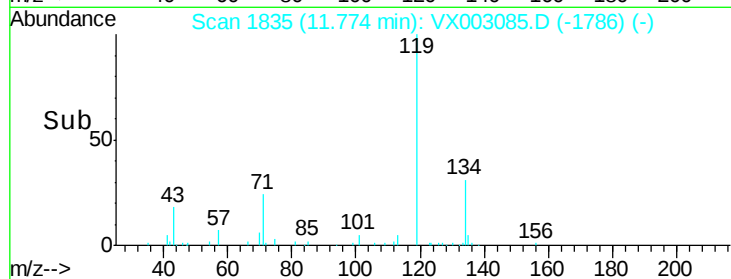
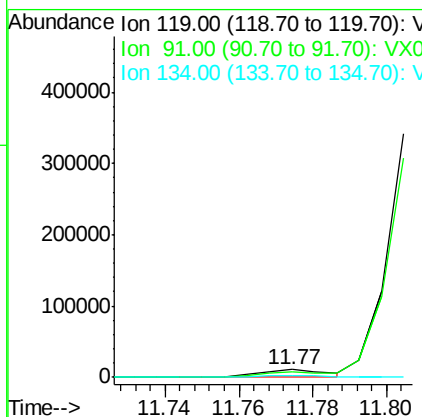
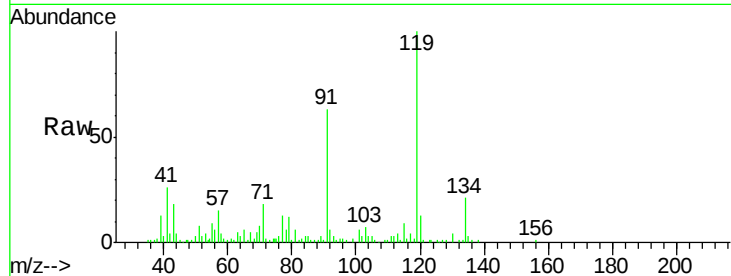
#83
 tert-Butylbenzene
 Concen: 1.15 ug/l m
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003085.D
 Acq: 30 Jun 2018 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0039

Tot Ion:119 Resp: 13912
 Ion Ratio Lower Upper
 119 100
 91 4115.1 30.3 90.9
 134 0.0 11.7 35.1#

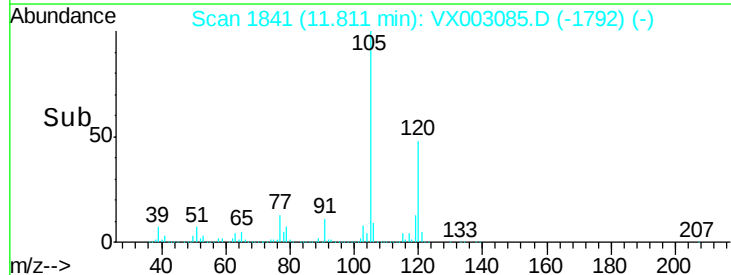
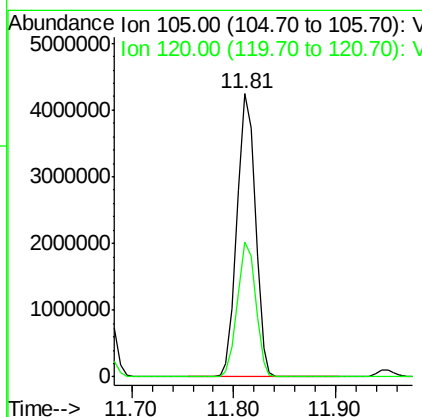
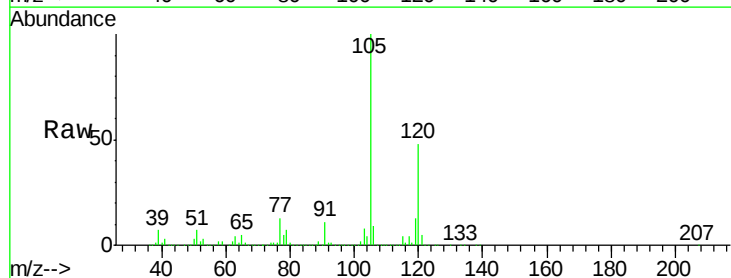
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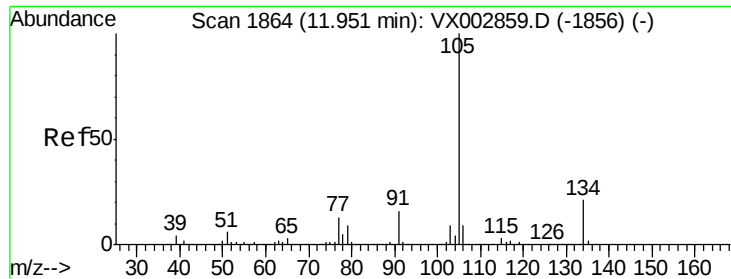
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#84
 1,2,4-Trimethylbenzene
 Concen: 412.22 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003085.D
 Acq: 30 Jun 2018 18:03

Tgt Ion:105 Resp: 5240850
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 9.64 ug/l m

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003085.D

Acq: 30 Jun 2018 18:03

Instrument :

MSVOA_X

ClientSampled :

S22-0039

Tot Ion:105 Resp: 141496

Ion Ratio Lower Upper

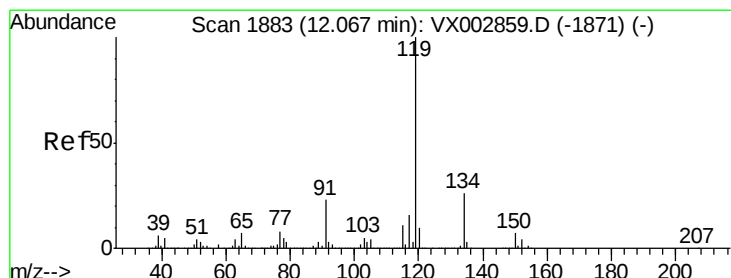
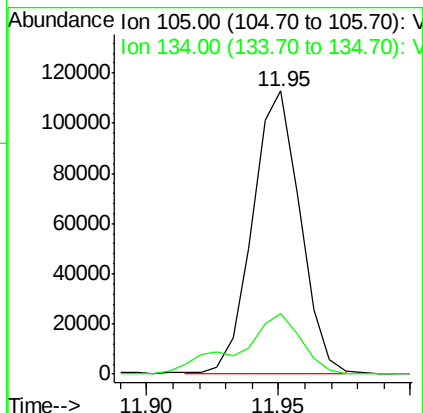
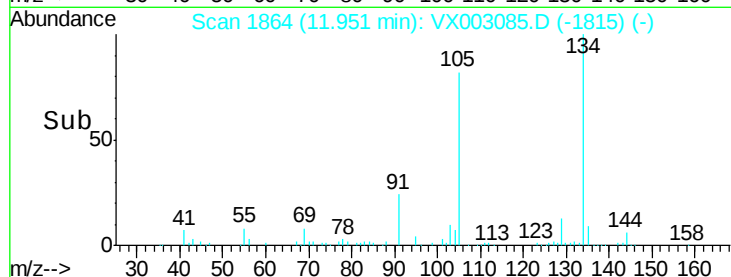
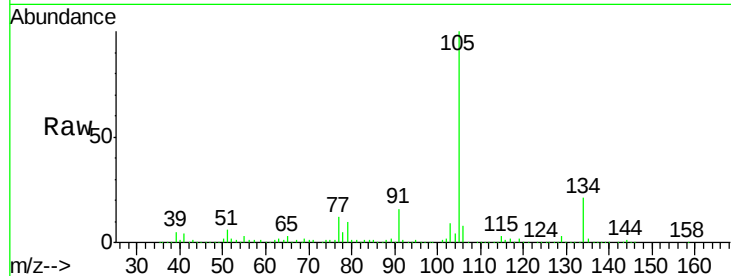
105 100

134 0.0 10.4 31.1#

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#86

p-Isopropyltoluene

Concen: 12.31 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003085.D

Acq: 30 Jun 2018 18:03

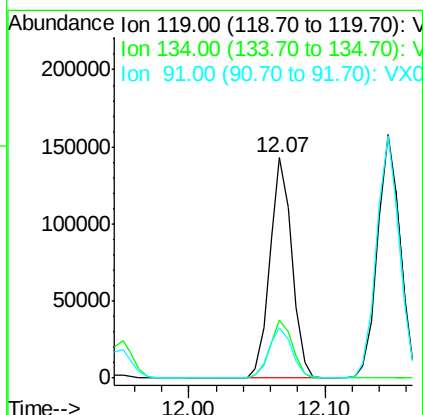
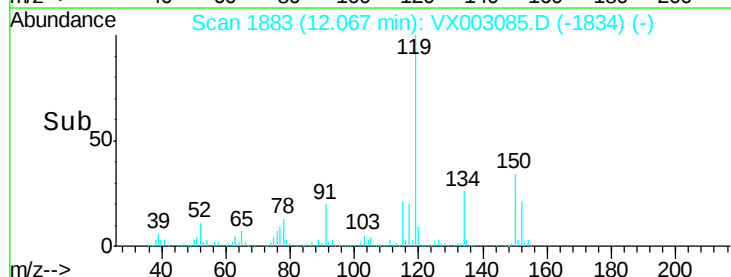
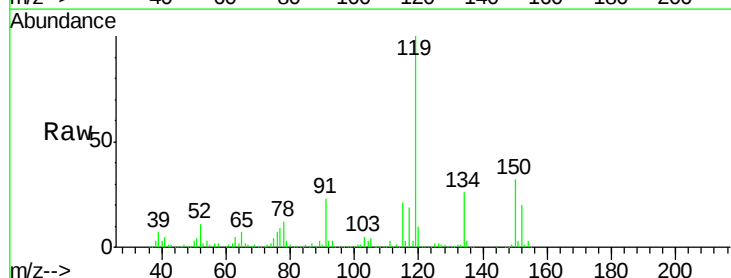
Tgt Ion:119 Resp: 162372

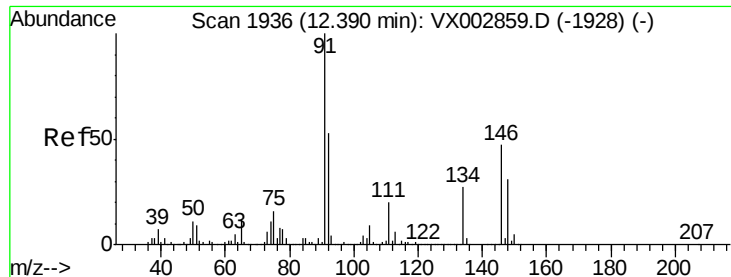
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 24.0 11.9 35.7





#89

n-Butylbenzene

Concen: 6.81 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003085.D

Acq: 30 Jun 2018 18:03

Instrument :

MSVOA_X

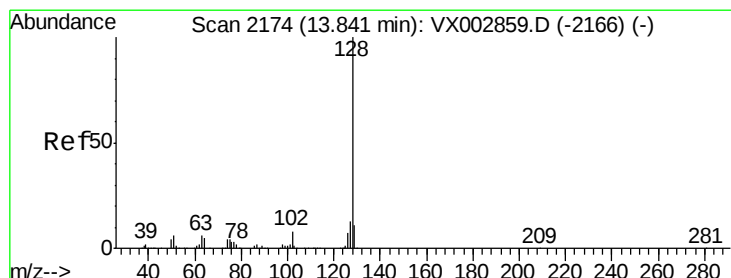
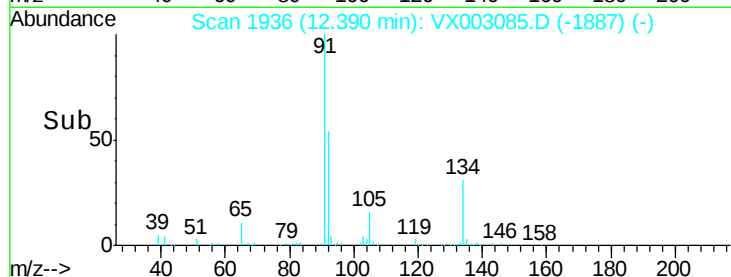
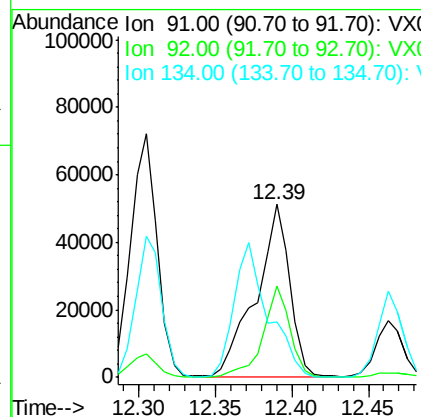
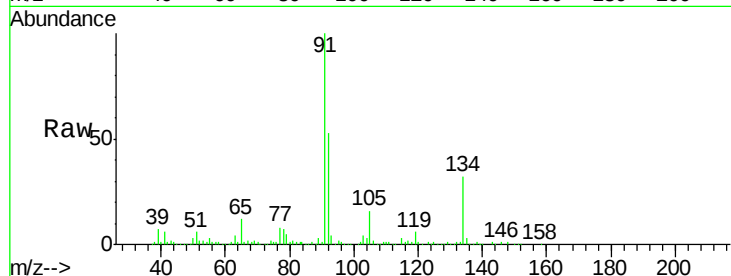
ClientSampled :

S22-0039

Tot Ion:	91	Resp:	78171
Ion Ratio	Lower	Upper	
91	100		
92	42.4	26.0	78.0
134	79.3	13.5	40.5#

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#95

Naphthalene

Concen: 105.31 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003085.D

Acq: 30 Jun 2018 18:03

Tgt Ion:	128	Resp:	1561172
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.2	8.6	13.0

