

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002873.D
 Acq On : 25 Jun 2018 21:41
 Operator : JC/MD
 Sample : J3631-04DL 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0019DL

Manual Integrations
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 6/28/2018 2:26:31 PM

Quant Time: Jun 27 06:01:55 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	241436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178020	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	163417	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
35) Dibromofluoromethane	5.51	113	126918	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	8.72	98	471691	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	11.14	95	167400	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	1375	0.99	ug/l	93
31) Cyclohexane	5.57	56	6655	1.59	ug/l	87
39) Methylcyclohexane	7.46	83	7083	1.64	ug/l	98
40) Benzene	6.15	78	71484	6.66	ug/l	97
52) Toluene	8.79	92	3183	0.46	ug/l	95
67) Ethyl Benzene	10.26	91	73451	5.68	ug/l	99
68) m/p-Xylenes	10.36	106	41882	8.40	ug/l	100
69) o-Xylene	10.70	106	4881	1.01	ug/l	97
73) Isopropylbenzene	11.02	105	8848	0.74	ug/l	100
78) n-propylbenzene	11.37	91	10161	0.75	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	25956	2.57	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	60777	5.82	ug/l	98
85) sec-Butylbenzene	11.95	105	2997	0.25	ug/l	81
86) p-Isopropyltoluene	12.07	119	3028m	0.28	ug/l	
95) Naphthalene	13.84	128	11887	0.98	ug/l	97

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

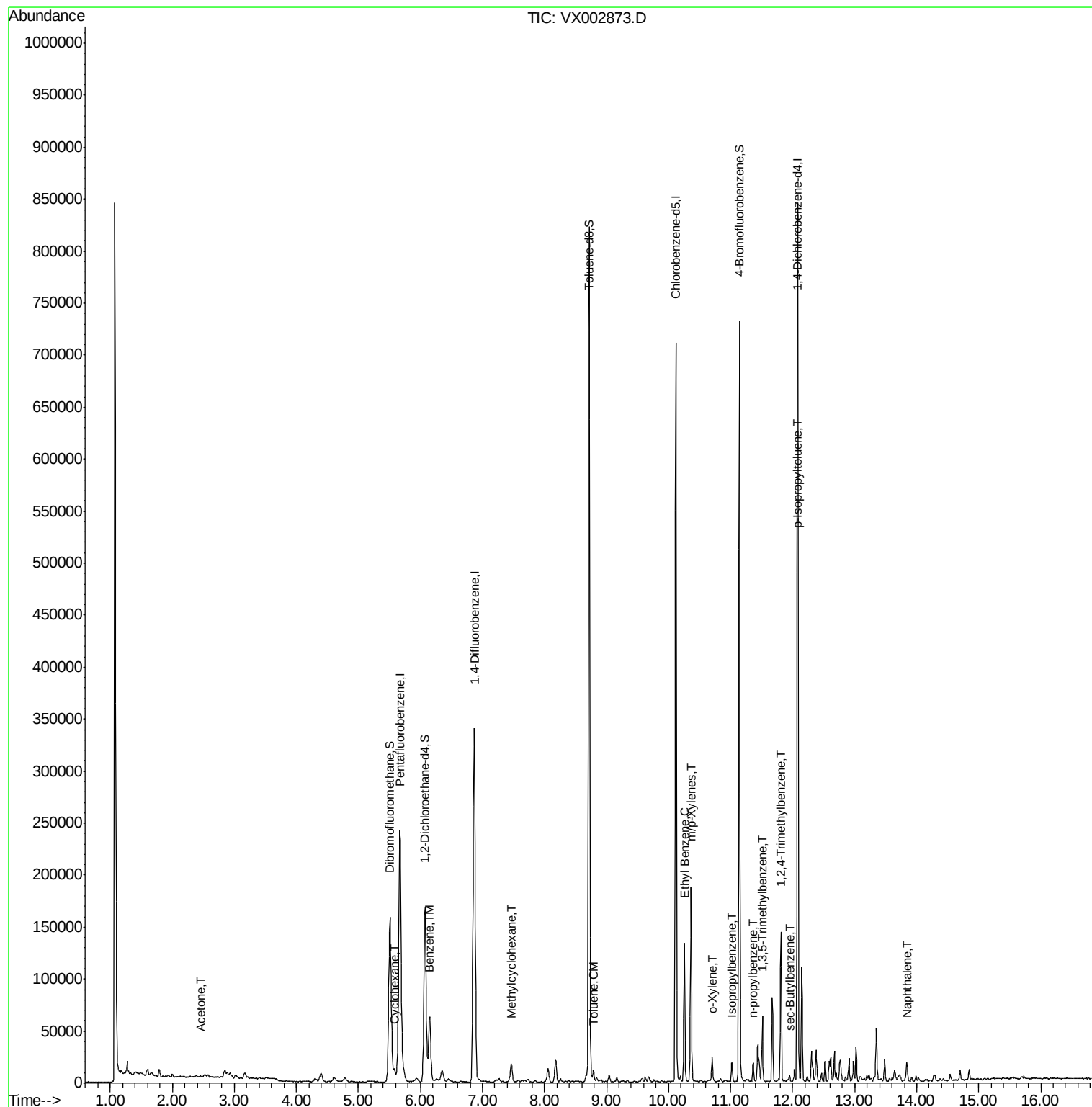
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062518\
Data File : VX002873.D
Acq On : 25 Jun 2018 21:41
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Misc : 5.0mL/MSVOA X/WATER
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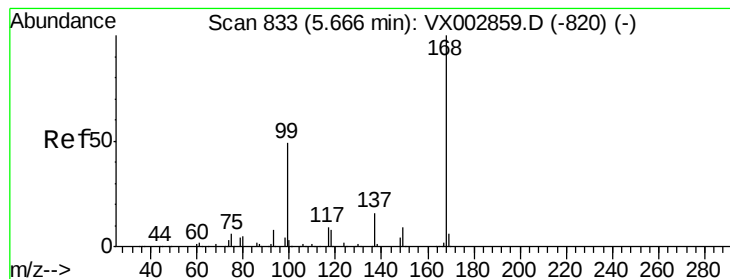
Instrument :
MSVOA_X
ClientSampleId :
S83-0019DL

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Quant Time: Jun 27 06:01:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampleId :

S83-0019DL

Tot Ion:168 Resp: 241436

Ion Ratio Lower Upper

168 100

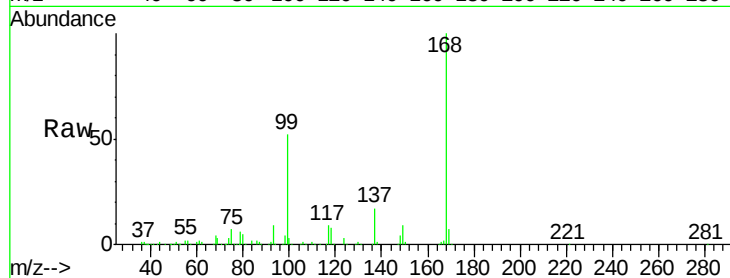
99 52.0 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

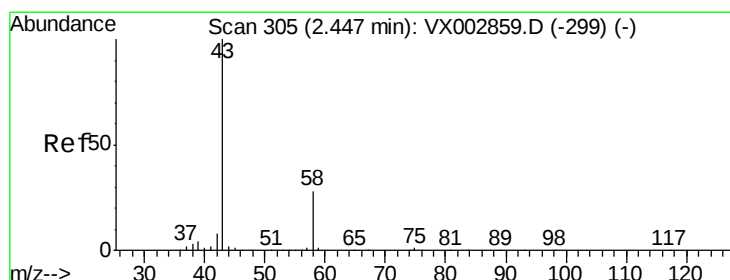
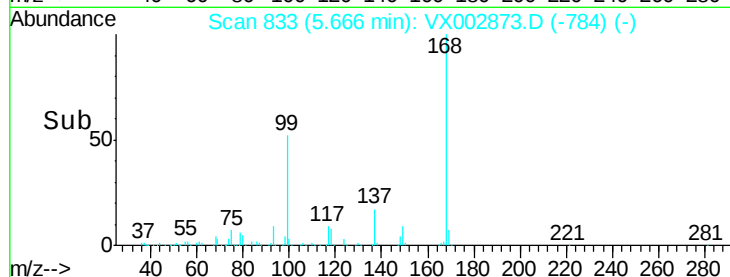
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 0.99 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX002873.D

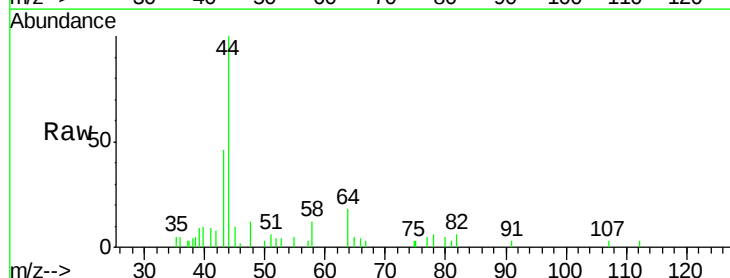
Acq: 25 Jun 2018 21:41

Tgt Ion: 43 Resp: 1375

Ion Ratio Lower Upper

43 100

58 31.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

1000

800

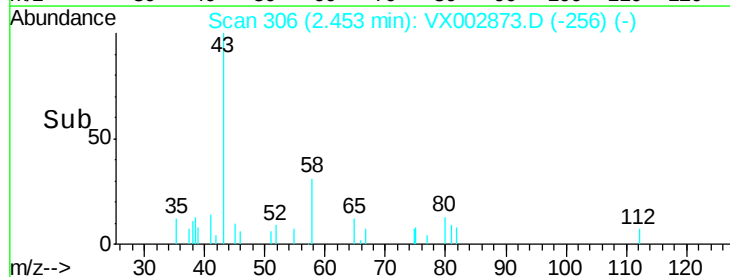
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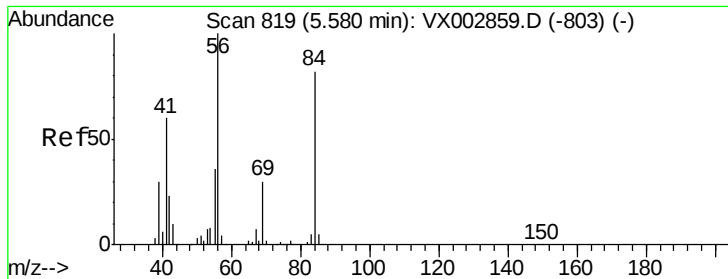
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Time-->





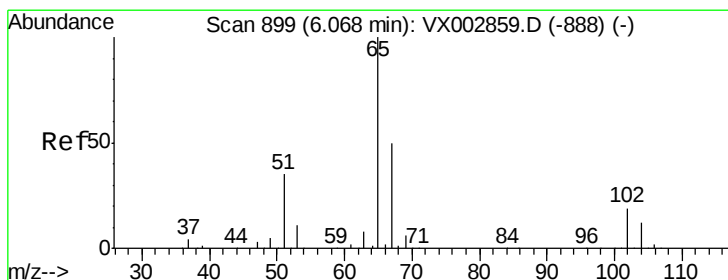
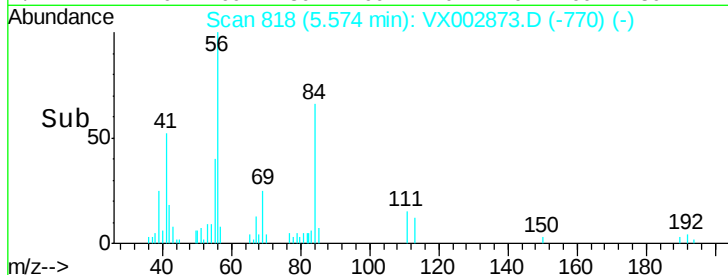
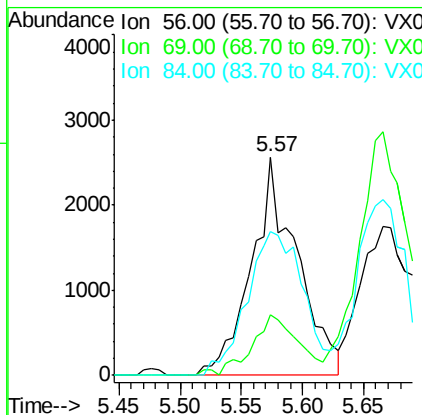
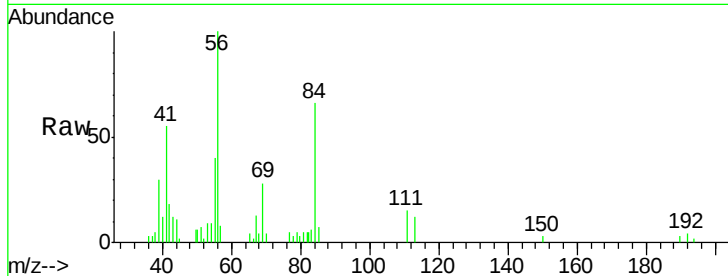
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Cyclohexane
Concen: 1.59 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Instrument :
MSVOA_X
ClientSampleId :
S83-0019DL

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.8	23.7	35.5
84	66.0	64.1	96.1

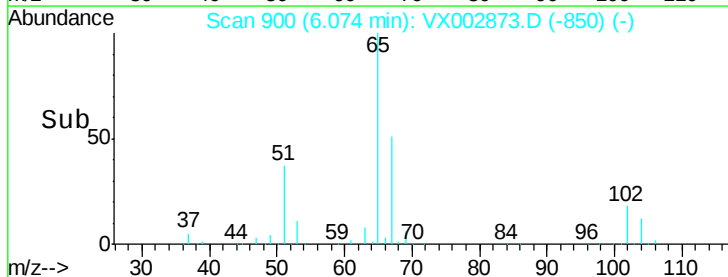
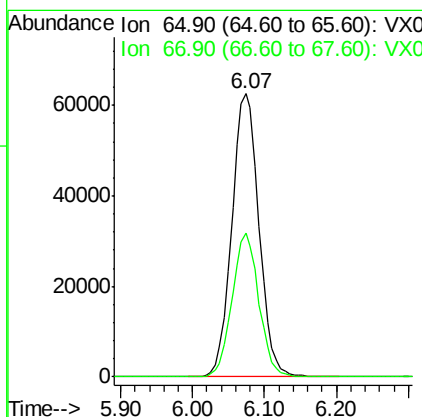
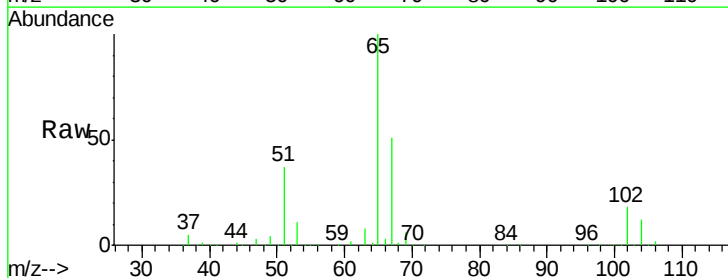
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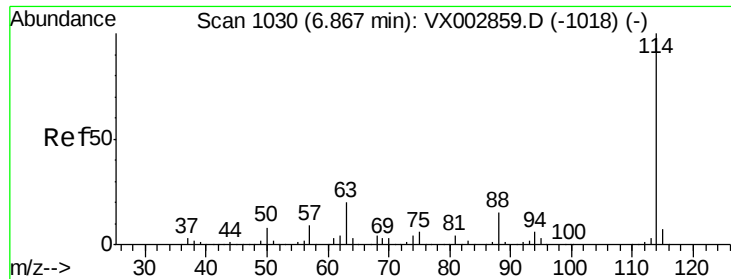
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#33
1,2-Dichloroethane-d4
Concen: 48.97 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	102.6





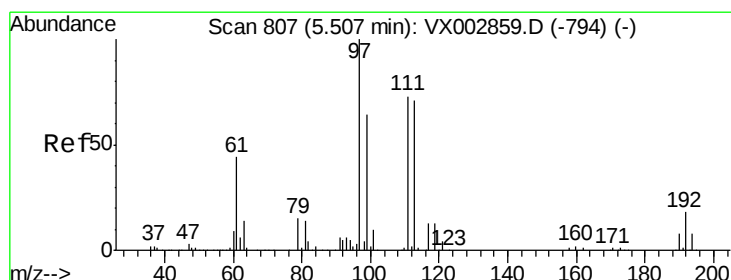
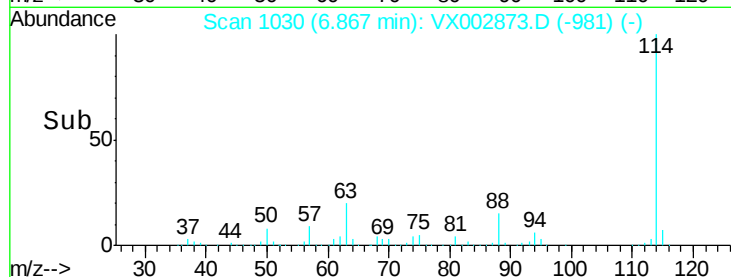
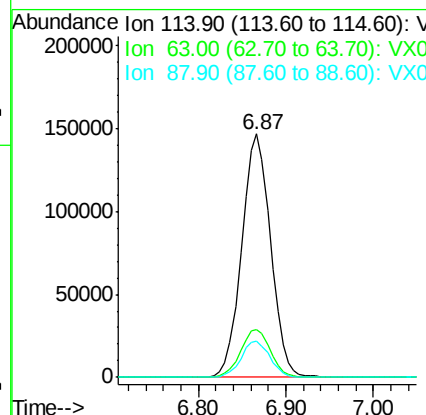
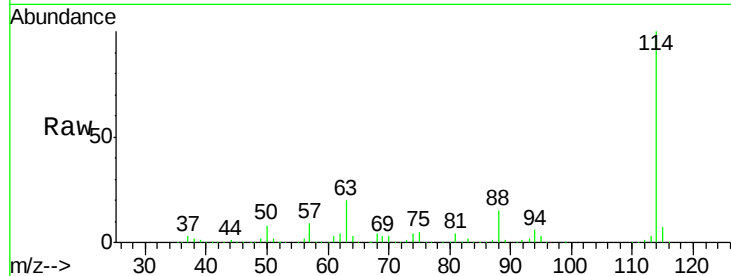
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Instrument :
MSVOA_X
ClientSampleId :
S83-0019DL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	337107		
63	19.7	0.0	41.4	
88	14.9	0.0	30.0	

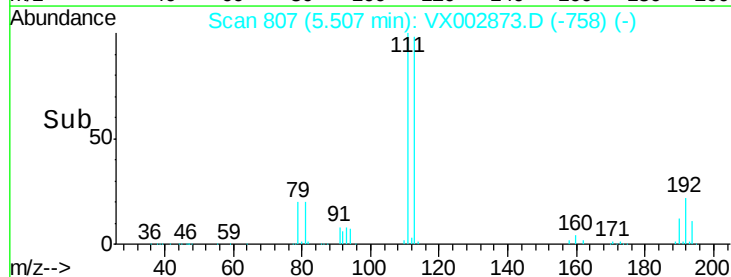
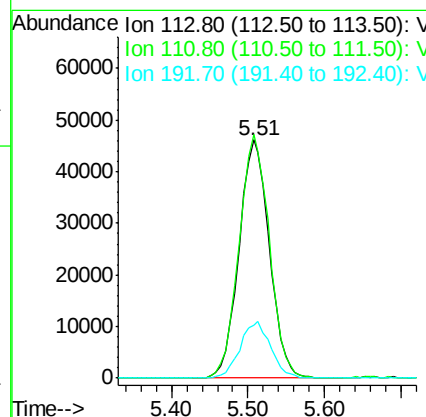
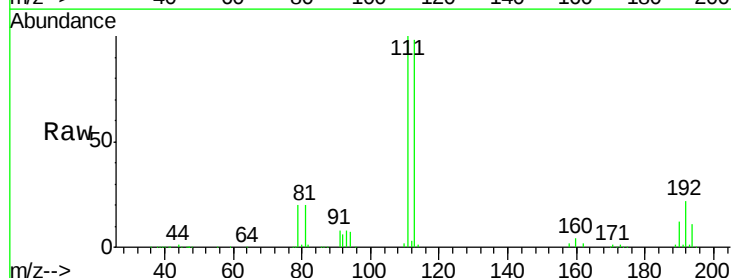
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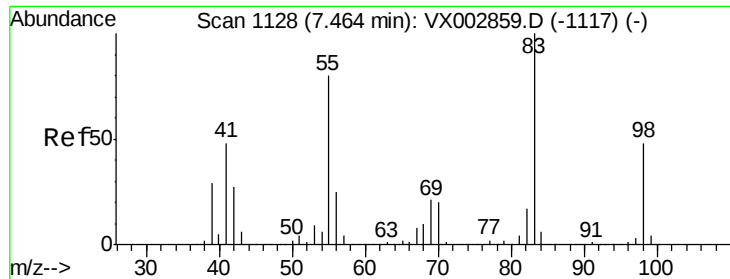
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#35
Dibromofluoromethane
Concen: 47.54 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	126918		
111	102.2	81.4	122.0	
192	23.8	19.1	28.7	





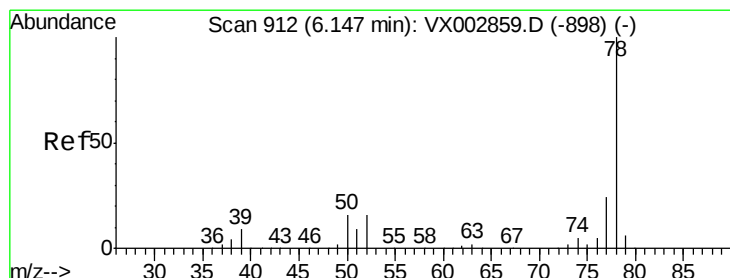
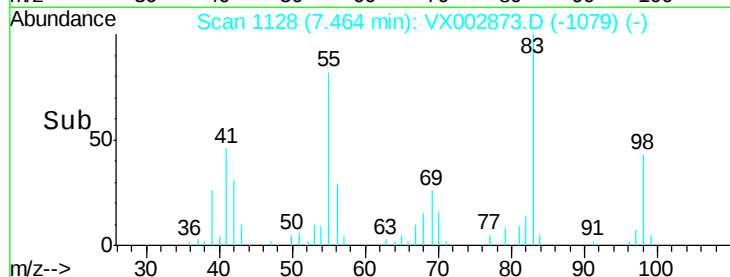
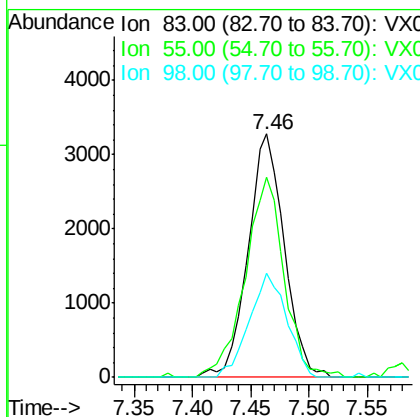
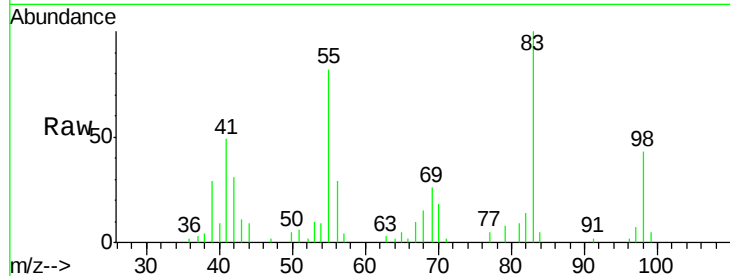
#39
Methvlcvclohexane
Concen: 1.64 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Instrument :
MSVOA_X
ClientSampleId :
S83-0019DL

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.0	65.4	98.0
98	42.7	37.4	56.0

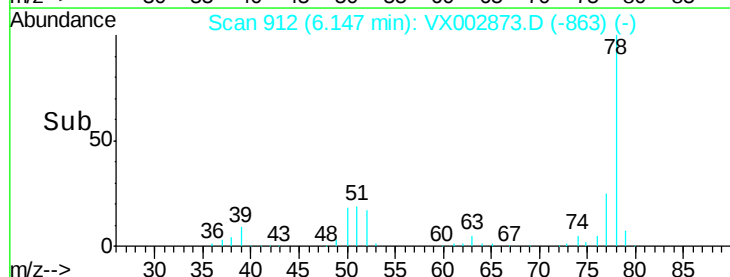
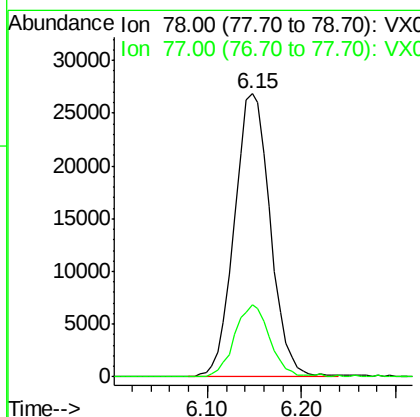
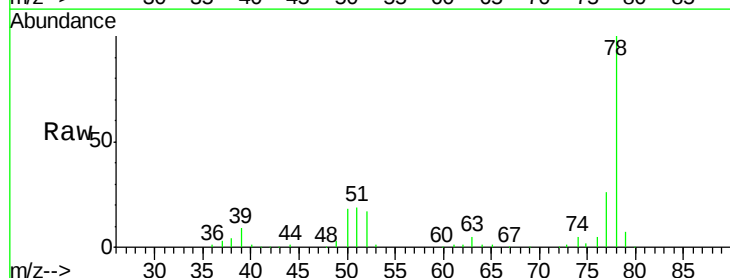
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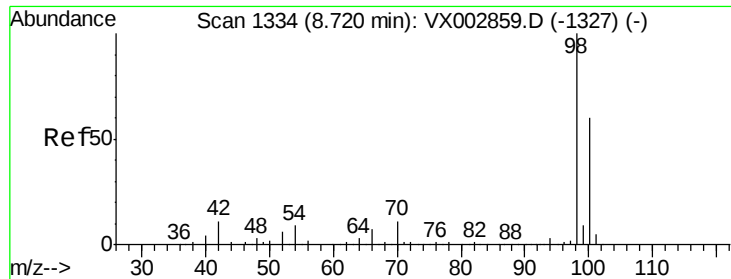
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#40
Benzene
Concen: 6.66 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.5	19.1	28.7





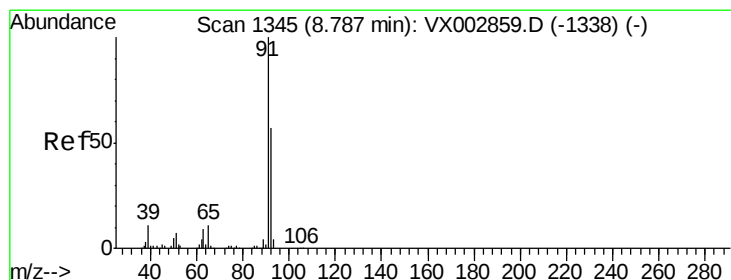
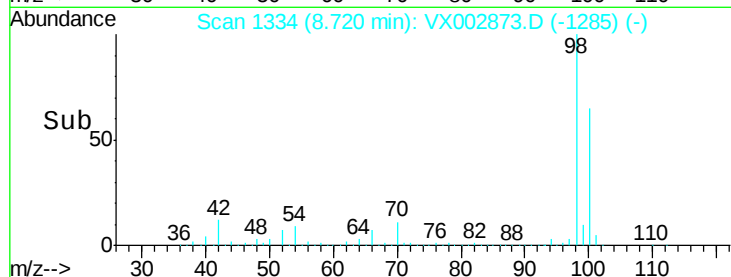
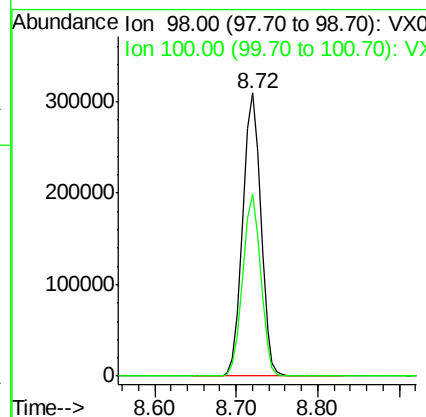
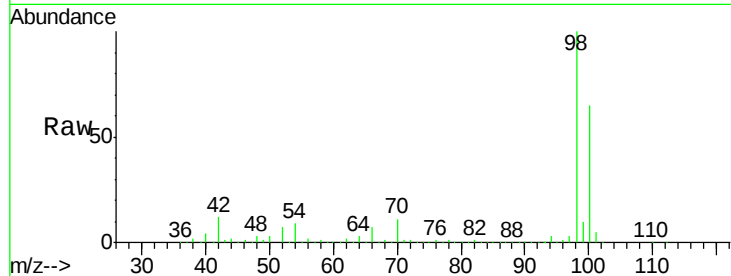
#50
Toluene-d8
Concen: 48.39 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Instrument :
MSVOA_X
ClientSampleId :
S83-0019DL

Tot Ion: 98 Resp: 471691
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

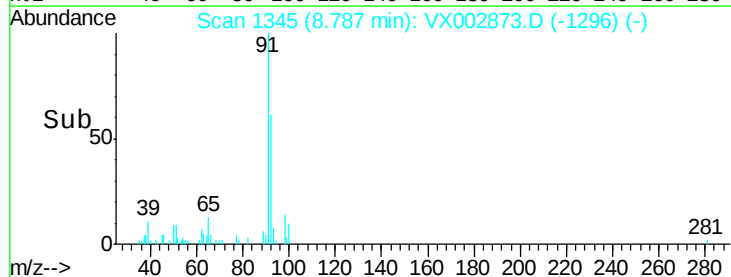
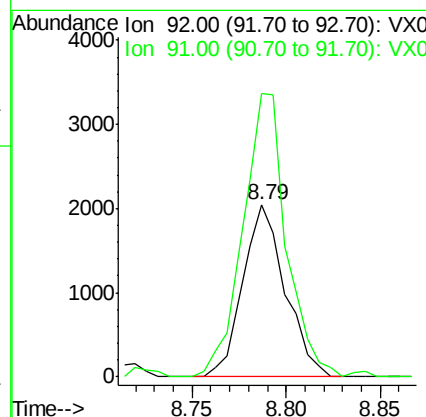
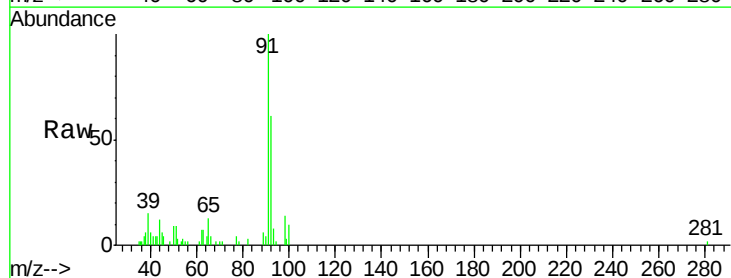
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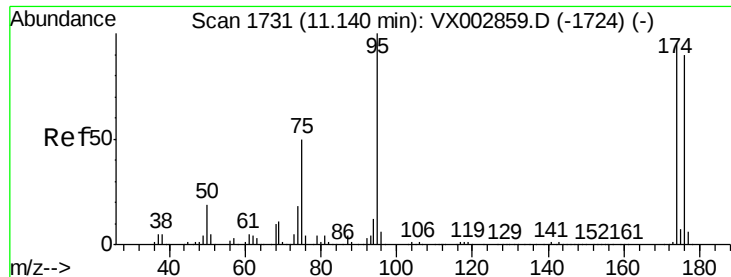
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#52
Toluene
Concen: 0.46 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Tgt Ion: 92 Resp: 3183
Ion Ratio Lower Upper
92 100
91 169.1 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 44.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

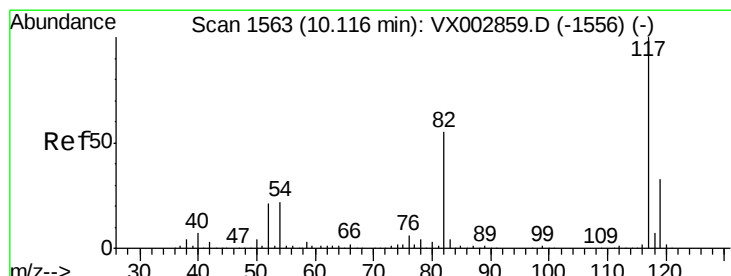
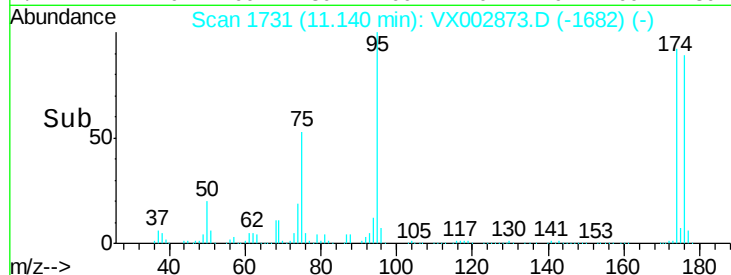
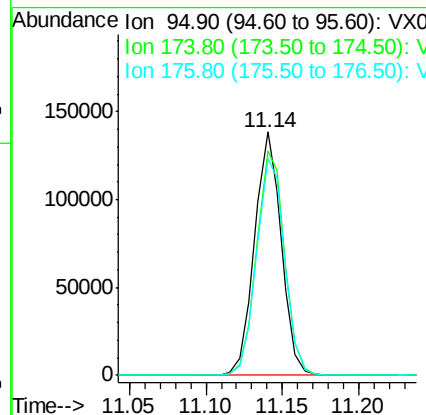
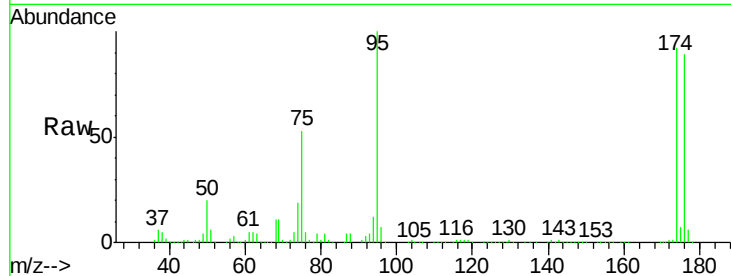
ClientSampleId :

S83-0019DL

Tot Ion:	95	Resp:	167400
Ion Ratio	Lower	Upper	
95	100		
174	96.9	0.0	187.4
176	93.8	0.0	181.0

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

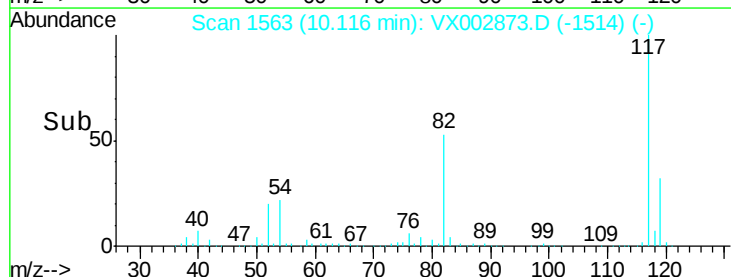
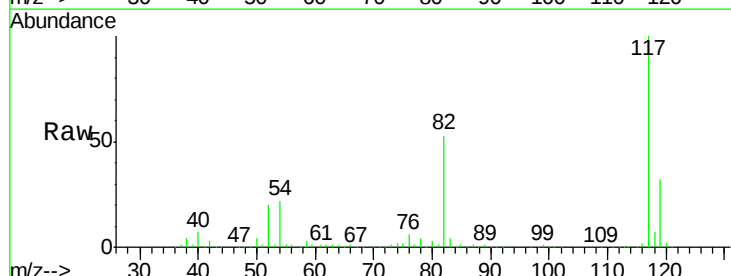
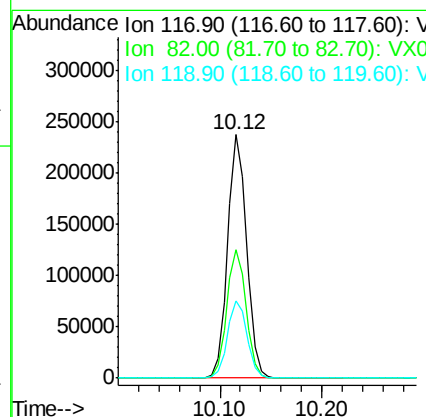
RT: 10.12 min Scan# 1563

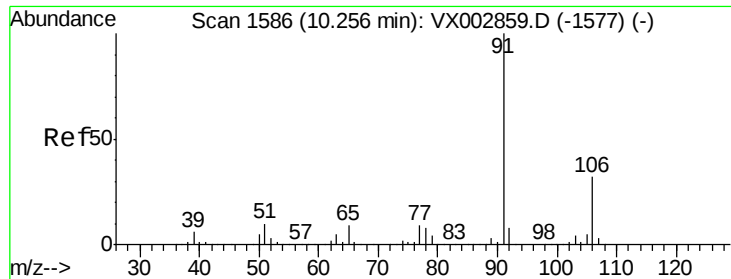
Delta R.T. -0.00 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Tgt Ion:	117	Resp:	308296
Ion Ratio	Lower	Upper	
117	100		
82	52.5	45.0	67.4
119	31.7	25.8	38.6





#67

Ethyl Benzene

Concen: 5.68 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampled :

S83-0019DL

Tot Ion: 91 Resp: 73451

Ion Ratio Lower Upper

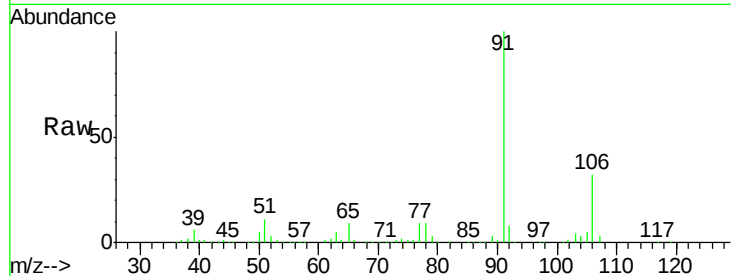
91 100

106 31.5 25.5 38.3

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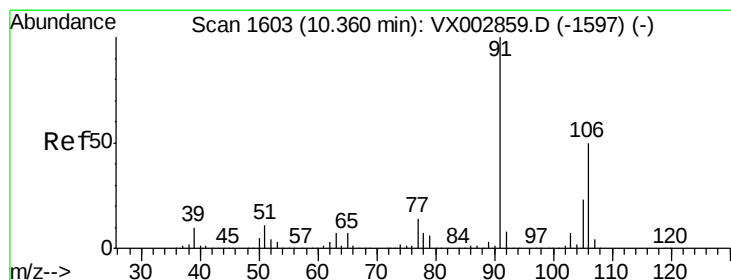
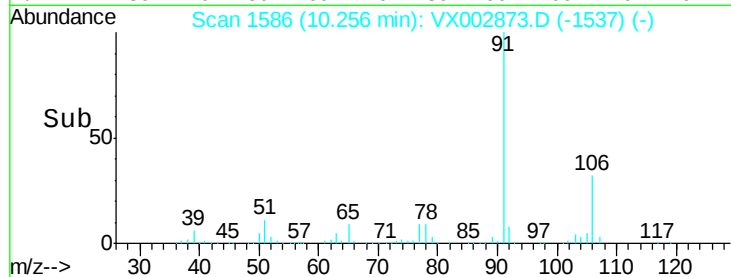
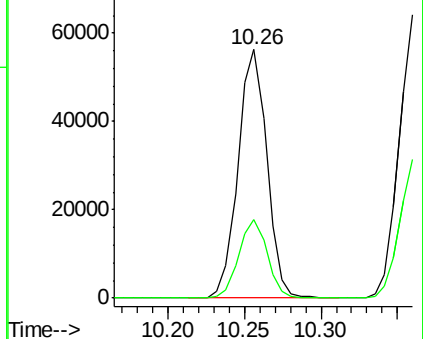
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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1577) (-)

Ion 106.00 (105.70 to 106.70): VX002859.D (-1577) (-)



#68

m/p-Xylenes

Concen: 8.40 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002873.D

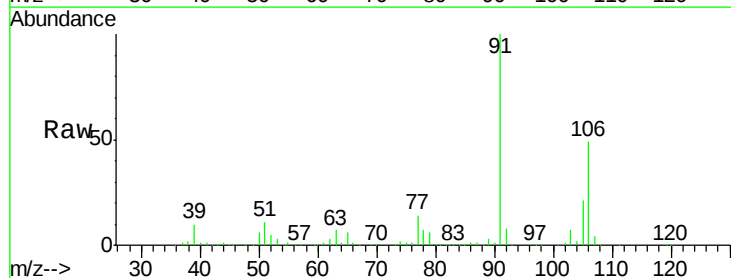
Acq: 25 Jun 2018 21:41

Tgt Ion: 106 Resp: 41882

Ion Ratio Lower Upper

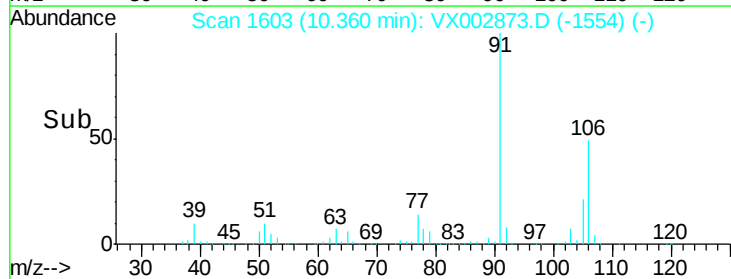
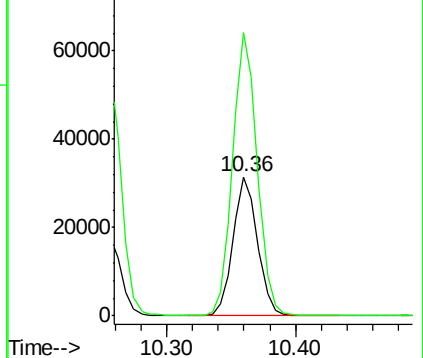
106 100

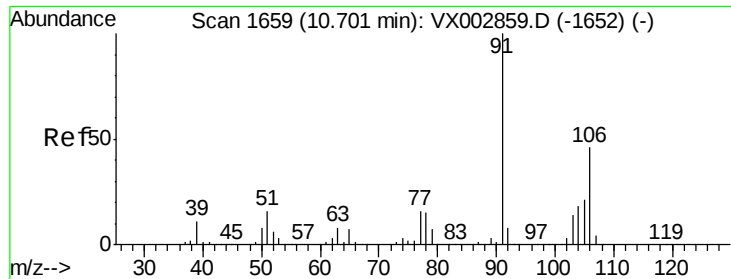
91 204.7 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX002859.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX002859.D (-1597) (-)





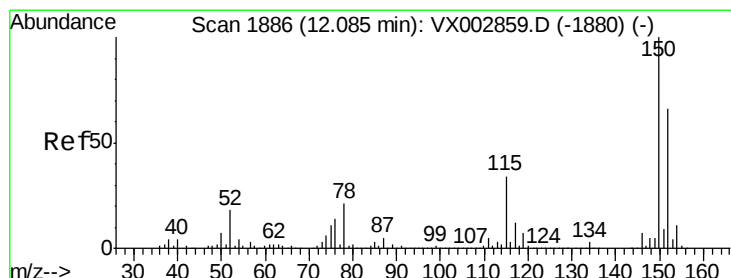
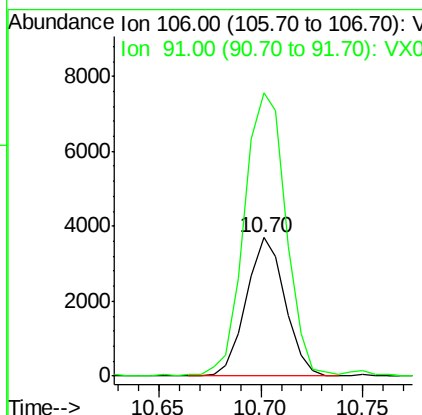
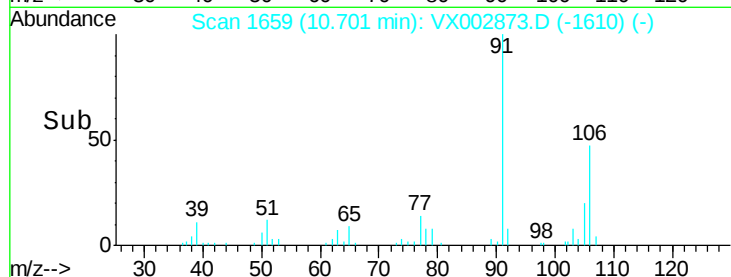
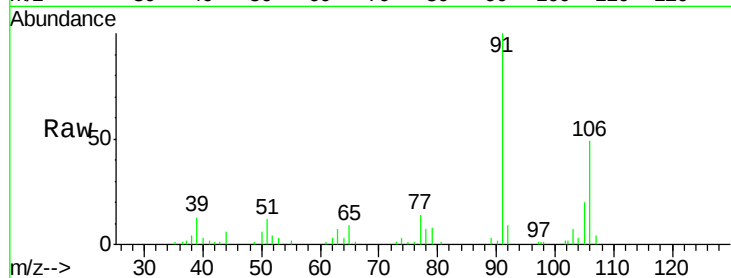
#69
o-Xylene
Concen: 1.01 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Instrument :
MSVOA_X
ClientSampled :
S83-0019DL

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.3	108.2	324.6

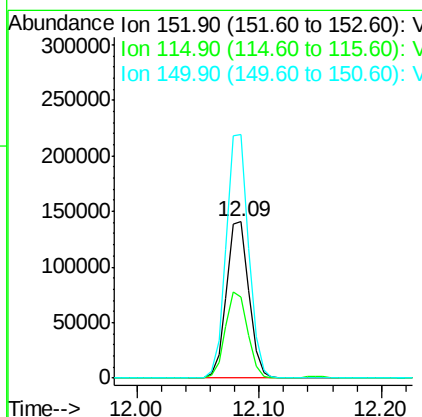
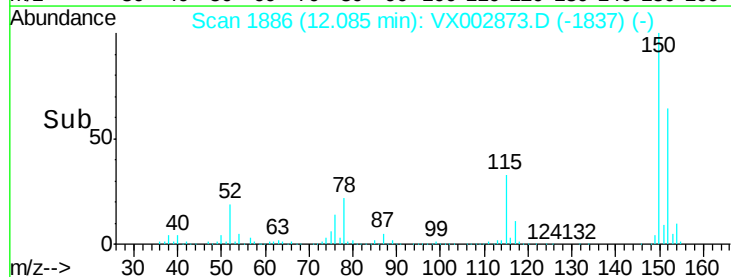
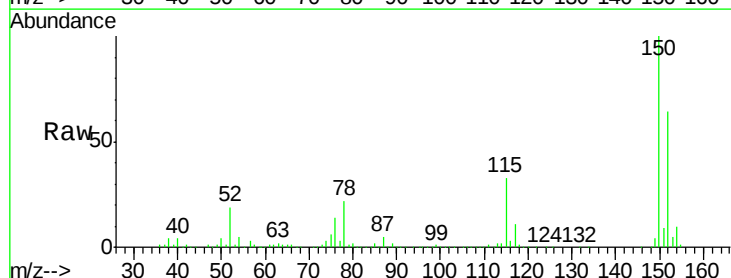
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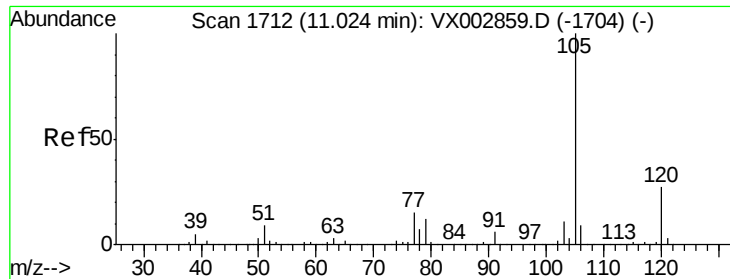
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	40.1	120.2
150	155.4	0.0	347.2





#73

Isopropylbenzene

Concen: 0.74 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampleId :

S83-0019DL

Tot Ion: 105 Resp: 8848

Ion Ratio Lower Upper

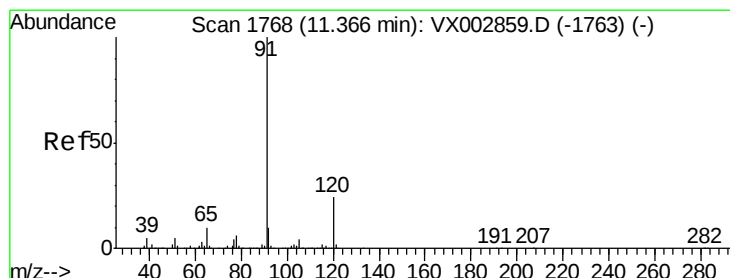
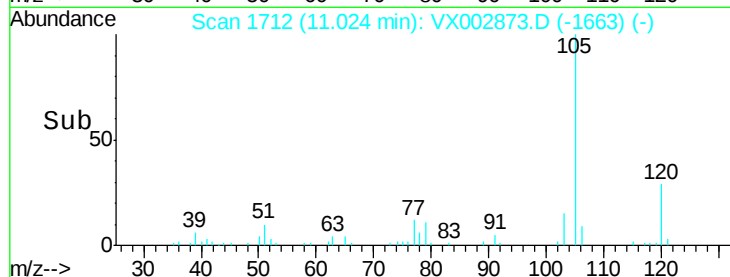
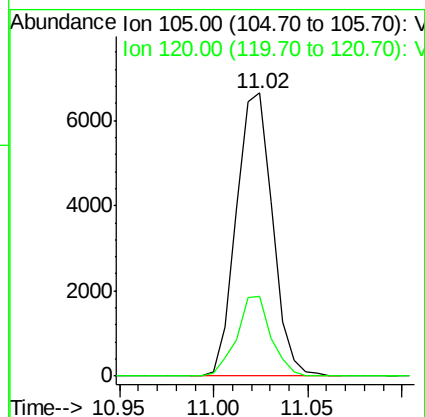
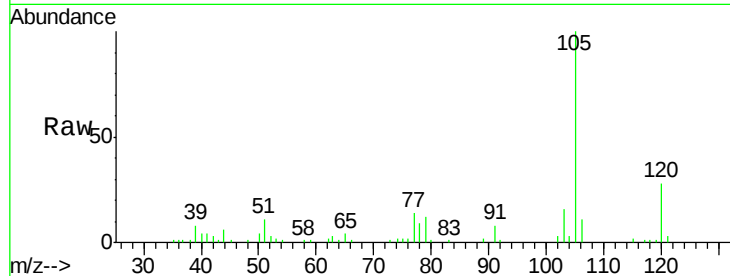
105 100

120 26.8 13.5 40.4

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#78

n-propylbenzene

Concen: 0.75 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002873.D

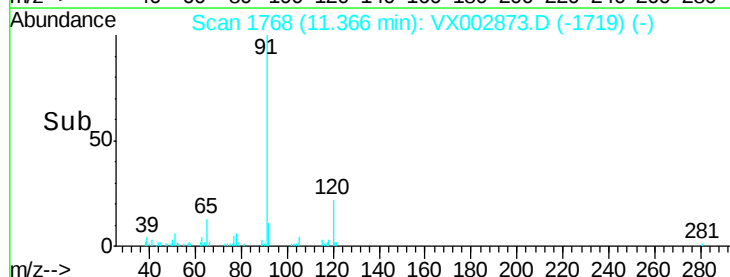
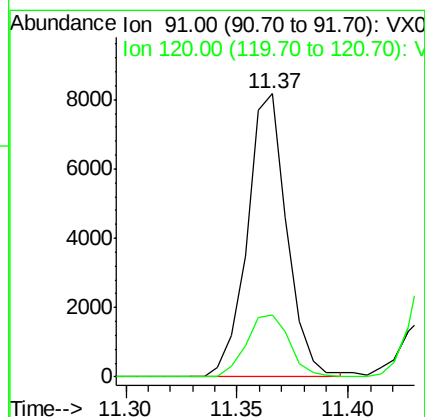
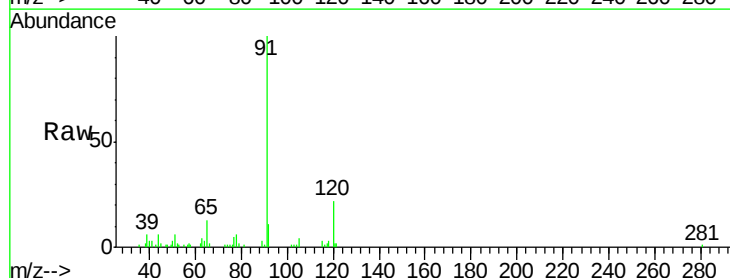
Acq: 25 Jun 2018 21:41

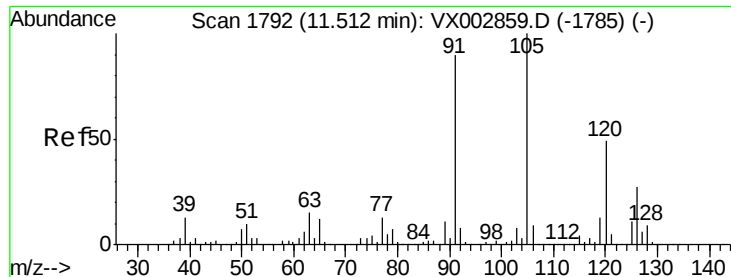
Tgt Ion: 91 Resp: 10161

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.4





#80

1,3,5-Trimethylbenzene

Concen: 2.57 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002873.D

Acq: 25 Jun 2018 21:41

Instrument :

MSVOA_X

ClientSampleId :

S83-0019DL

Tot Ion:105 Resp: 25956

Ion Ratio Lower Upper

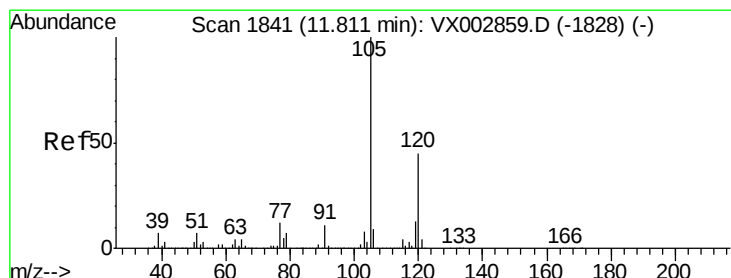
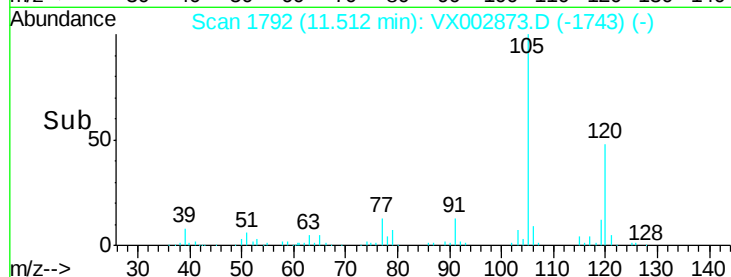
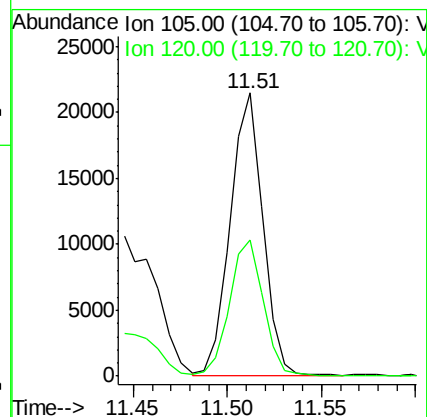
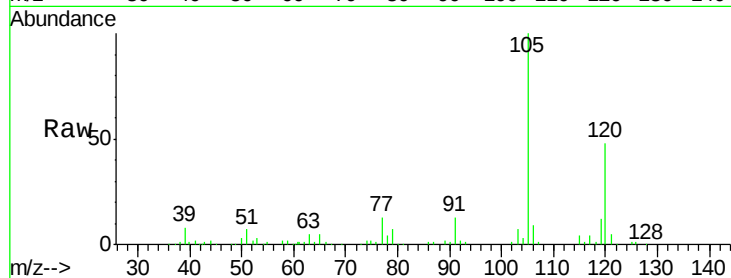
105 100

120 49.8 24.4 73.4

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#84

1,2,4-Trimethylbenzene

Concen: 5.82 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002873.D

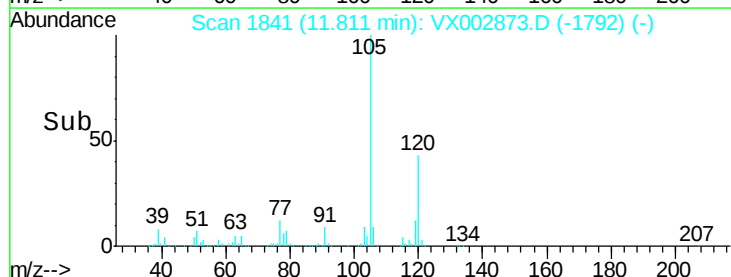
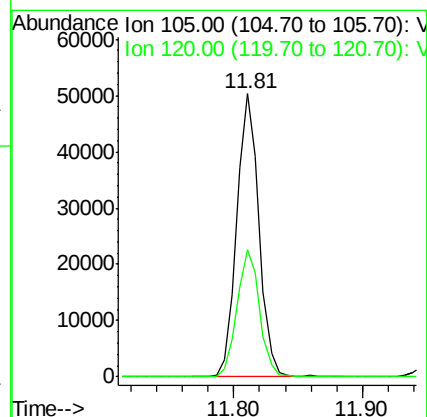
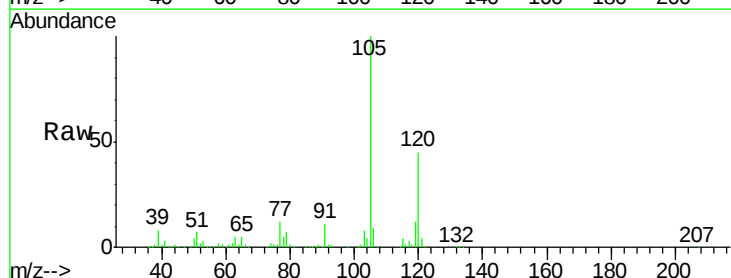
Acq: 25 Jun 2018 21:41

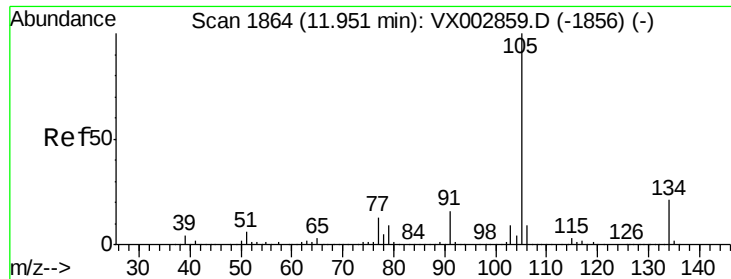
Tgt Ion:105 Resp: 60777

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.8





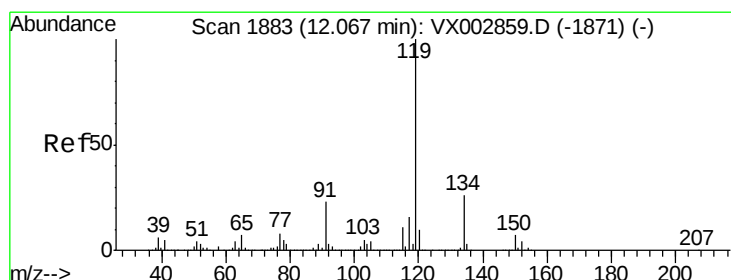
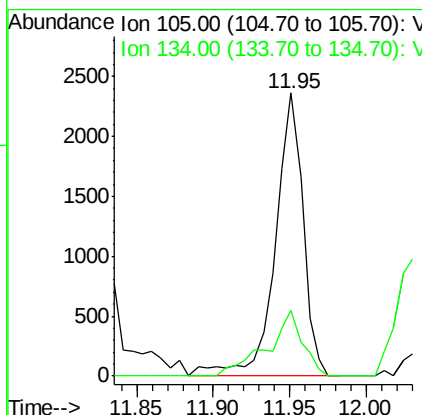
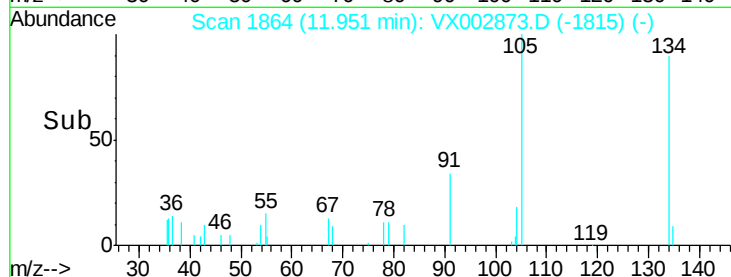
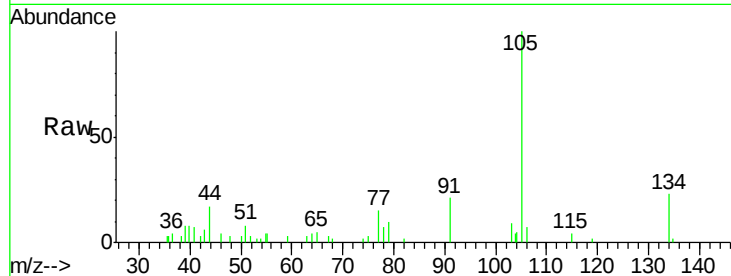
#85
 sec-Butylbenzene
 Concen: 0.25 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002873.D
 Acq: 25 Jun 2018 21:41

Instrument :
 MSVOA_X
 ClientSampled :
 S83-0019DL

Tot Ion:105 Resp: 2997
 Ion Ratio Lower Upper
 105 100
 134 29.4 10.4 31.1

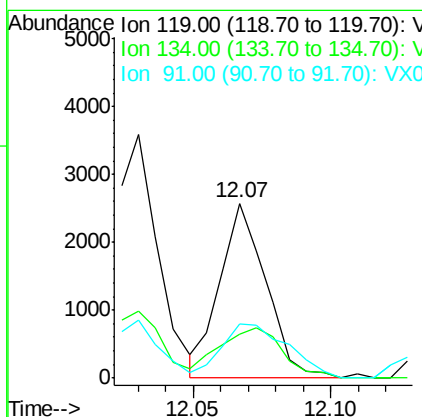
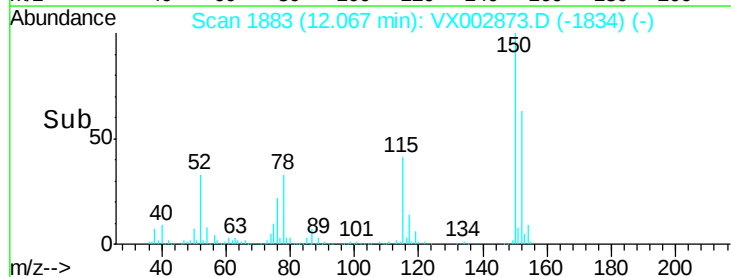
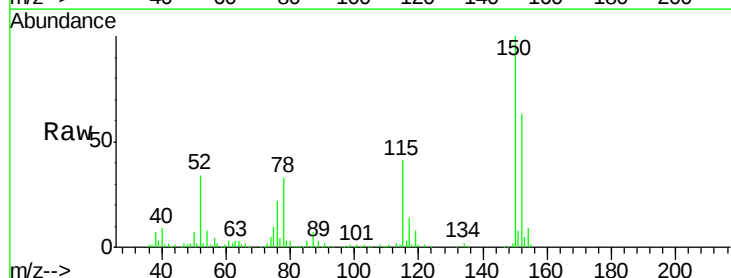
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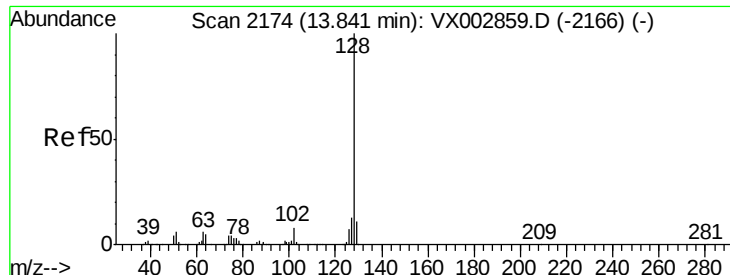
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#86
 p-Isopropyltoluene
 Concen: 0.28 ug/l m
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002873.D
 Acq: 25 Jun 2018 21:41

Tgt Ion:119 Resp: 3028
 Ion Ratio Lower Upper
 119 100
 134 43.1 13.4 40.1#
 91 36.6 11.9 35.7#





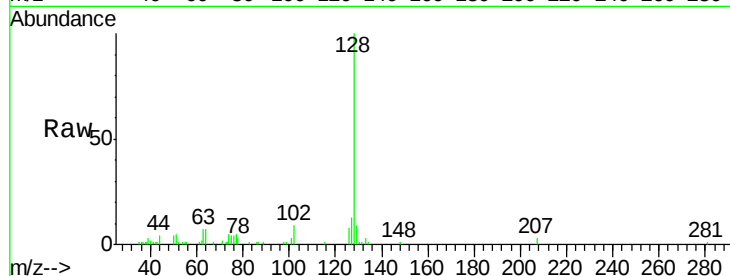
#95
Naphthalene
Concen: 0.98 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002873.D
Acq: 25 Jun 2018 21:41

Instrument :
MSVOA_X
ClientSampleId :
S83-0019DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	12.6	8.6	13.0

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

