

Data File : VX003055.D
Acq On : 30 Jun 2018 03:22
Operator : JC/MD
Sample : J3671-14MEDL 10X
Misc : 5.62g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP021SB481-9-11-180621MEDL

Manual Integrations
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7/2/2018 4:15:51 PM

Quant Time: Jul 05 03:25:51 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	267098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	370316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	226210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176518	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	5.51	113	140700	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	8.72	98	527728	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.14	95	206772	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
Target Compounds						
					Qvalue	
65) Chlorobenzene	10.14	112	197742	21.707	ug/l	99
73) Isopropylbenzene	11.02	105	10396	0.683	ug/l	99
78) n-propylbenzene	11.37	91	38860	2.243	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	47558	3.711	ug/l	100
83) tert-Butylbenzene	11.77	119	33902	2.684	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	122066	9.192	ug/l	99
85) sec-Butylbenzene	11.95	105	89797	5.860	ug/l #	56
86) p-Isopropyltoluene	12.07	119	39884	2.895	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	16227m	2.050	ug/l	
88) 1,4-Dichlorobenzene	12.10	146	233482	28.665	ug/l	97
89) n-Butylbenzene	12.39	91	167495	13.968	ug/l #	44
91) 1,2-Dichlorobenzene	12.40	146	268580	33.620	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	12155	2.091	ug/l #	87
95) Naphthalene	13.83	128	423222	27.331	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	3066	0.528	ug/l #	50

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

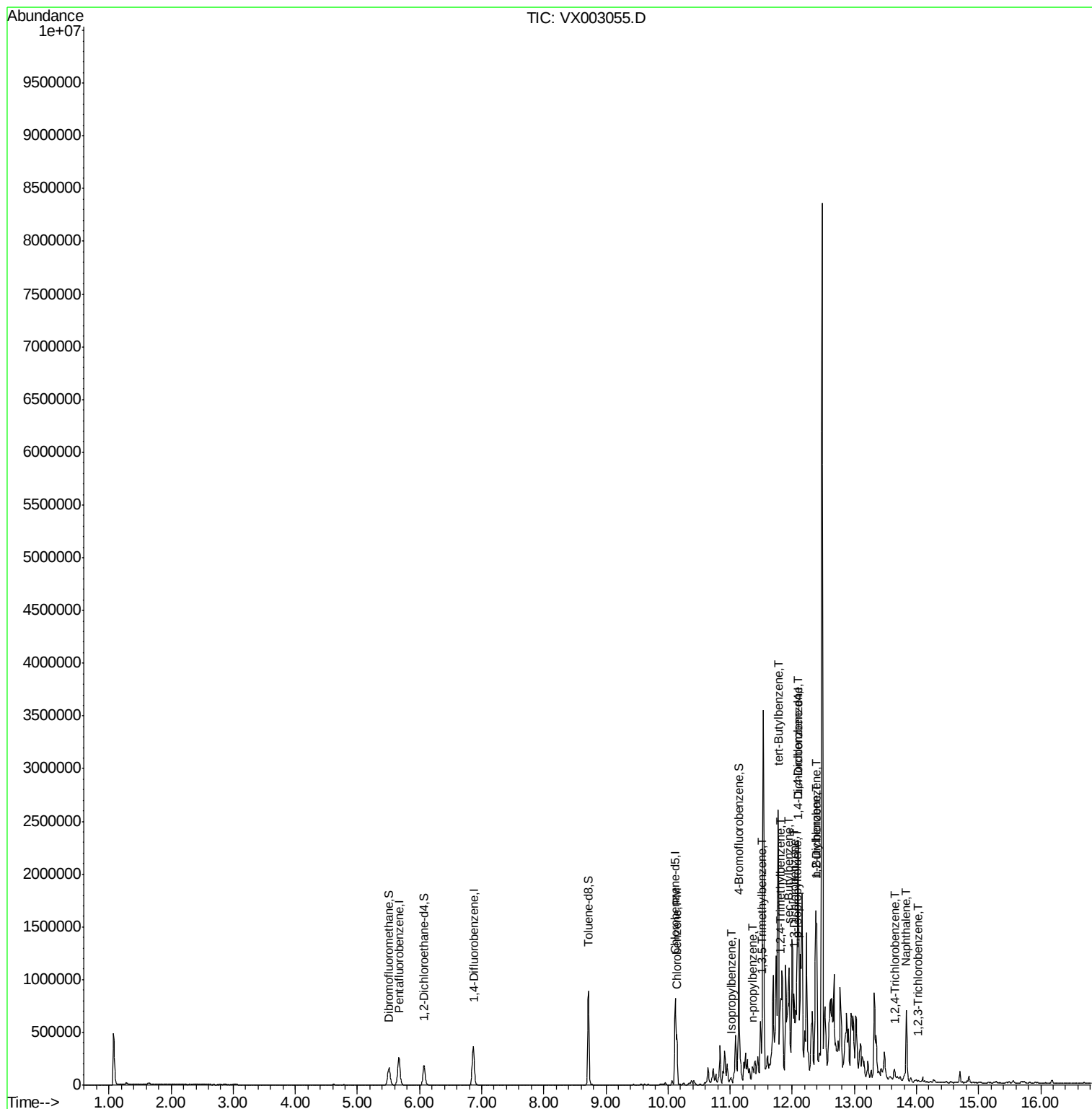
Data File : VX003055.D
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Misc : 5.62g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 36 Sample Multiplier: 1

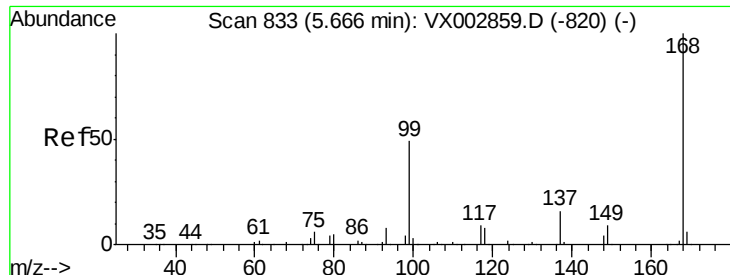
Instrument :
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Quant Time: Jul 05 03:25:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003055.D

Acq: 30 Jun 2018 03:22

Instrument :

MSVOA_X

ClientSampleId :

WP021SB481-9-11-180621MEDL

Tgt Ion:168 Resp: 267098

Ion Ratio Lower Upper

168 100

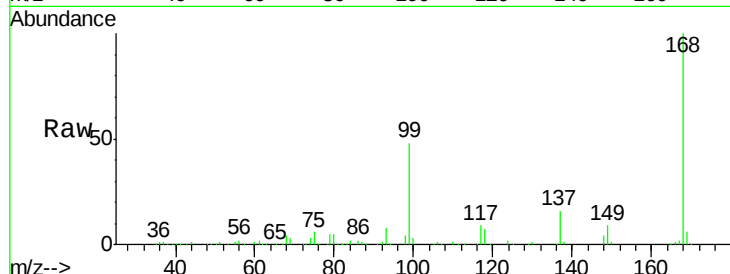
99 48.3 39.3 58.9

Manual Integrations

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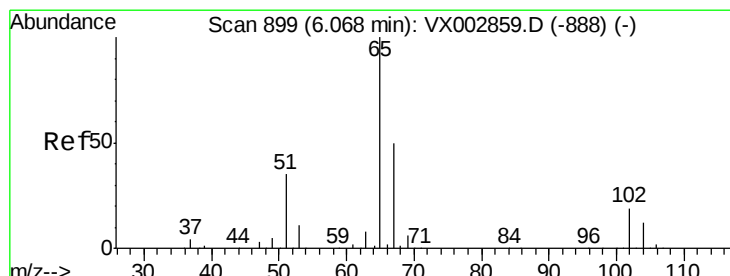
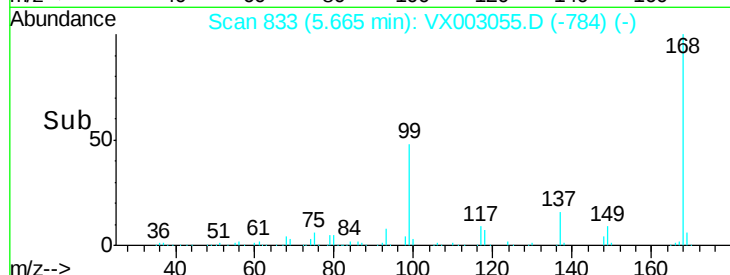
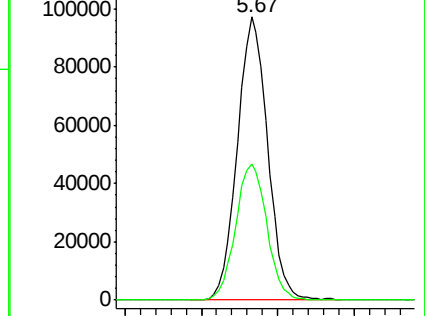
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.813 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003055.D

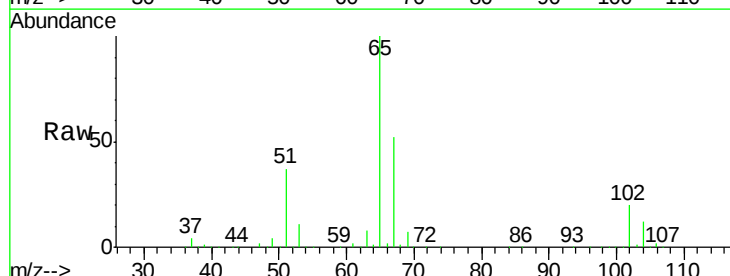
Acq: 30 Jun 2018 03:22

Tgt Ion: 65 Resp: 176518

Ion Ratio Lower Upper

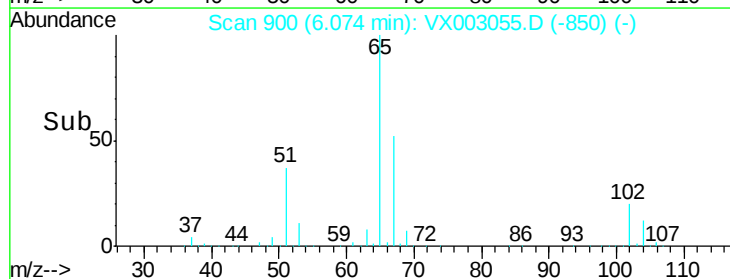
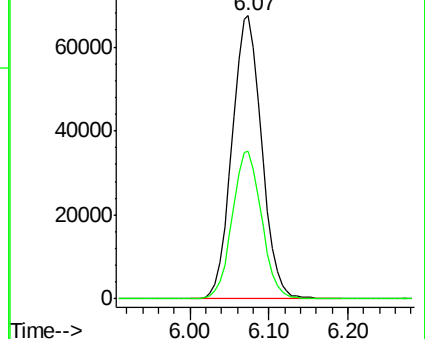
65 100

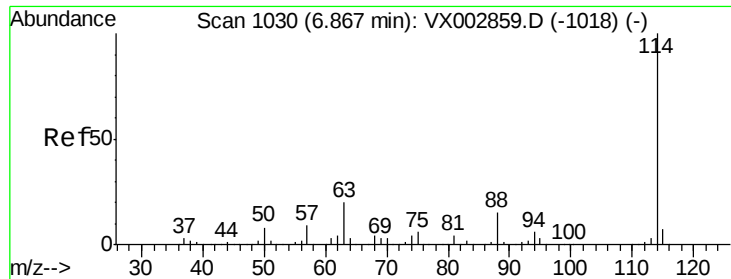
67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003055.D

Acq: 30 Jun 2018 03:22

Instrument :

MSVOA_X

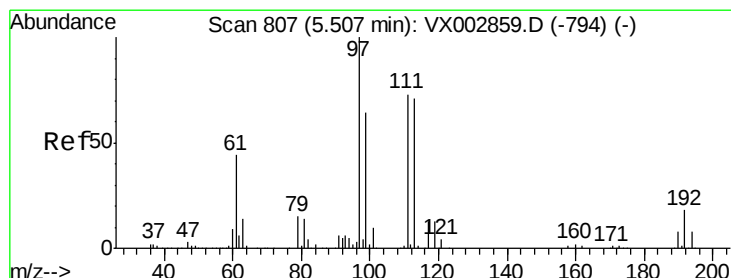
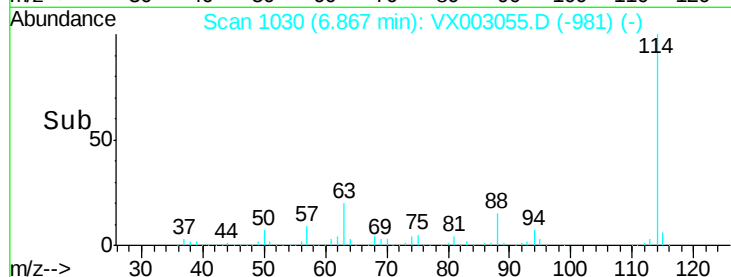
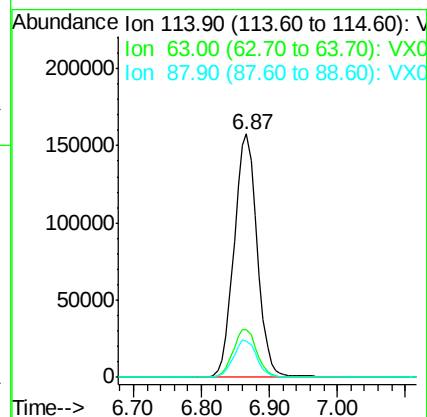
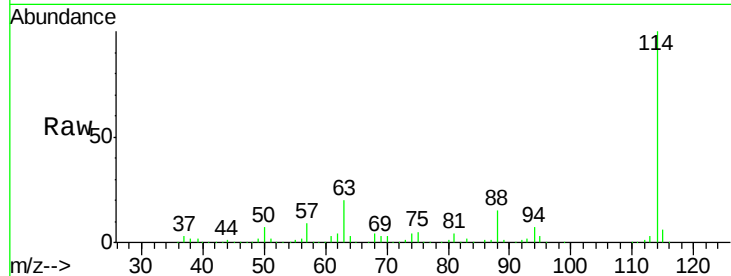
ClientSampleId :

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Tgt Ion:	114	Resp:	370316
Ion Ratio	Lower	Upper	
114	100		
63	19.8	0.0	41.4
88	15.0	0.0	30.0

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#35

Dibromofluoromethane

Concen: 47.979 ug/l

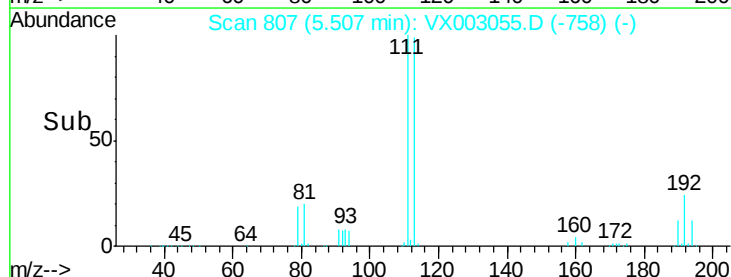
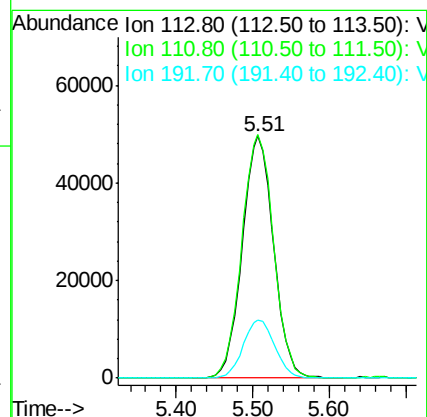
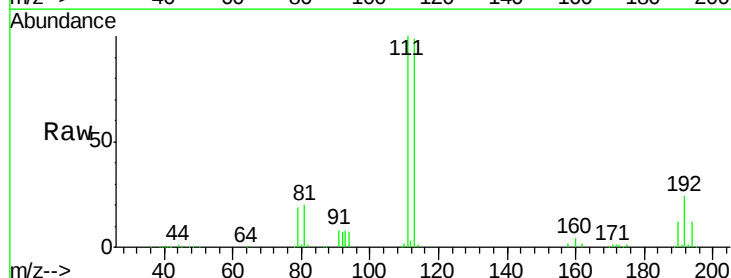
RT: 5.51 min Scan# 807

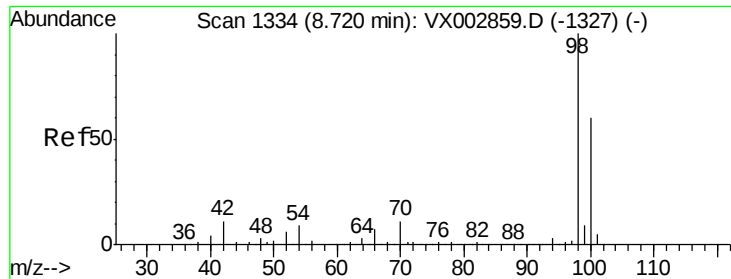
Delta R.T. -0.00 min

Lab File: VX003055.D

Acq: 30 Jun 2018 03:22

Tgt Ion:	113	Resp:	140700
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.4	122.0
192	24.4	19.1	28.7





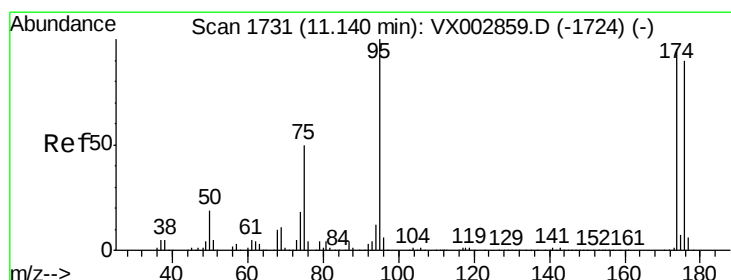
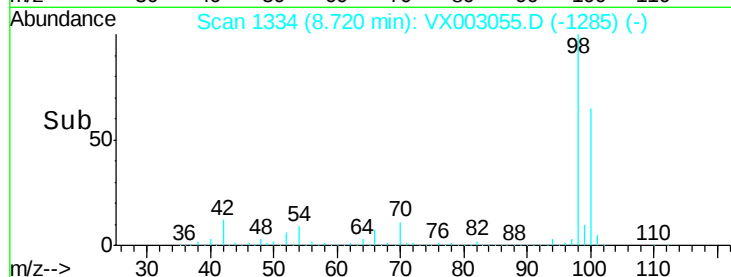
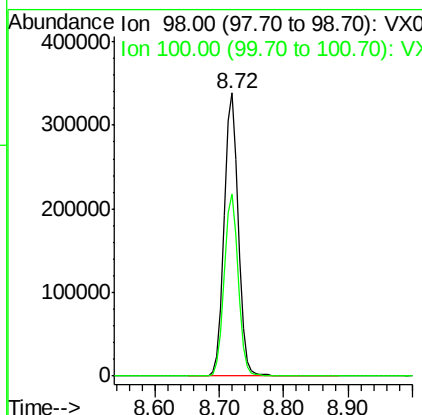
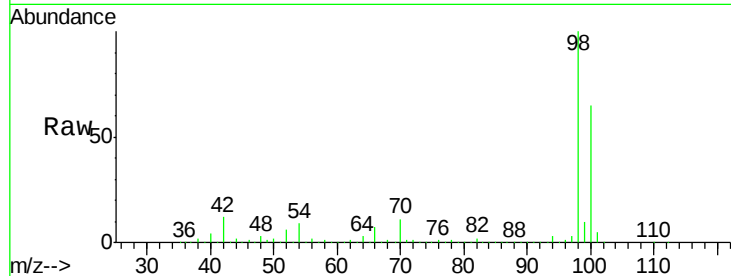
#50
Toluene-d8
Concen: 49.279 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003055.D
Acq: 30 Jun 2018 03:22

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 98 Resp: 527728
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

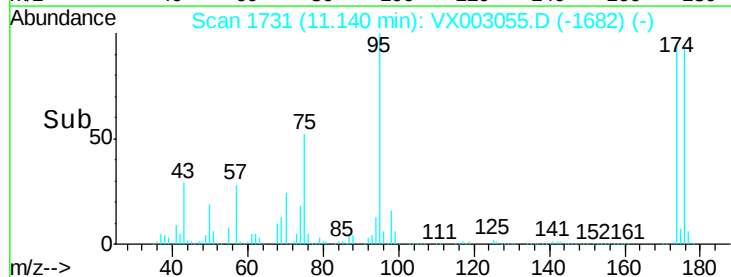
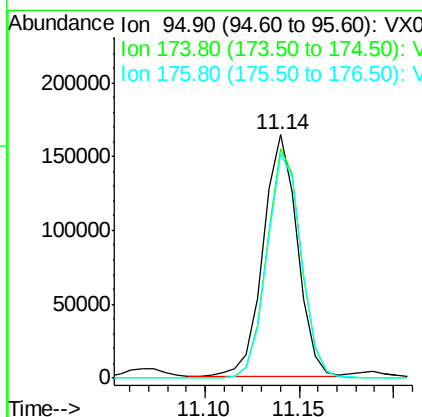
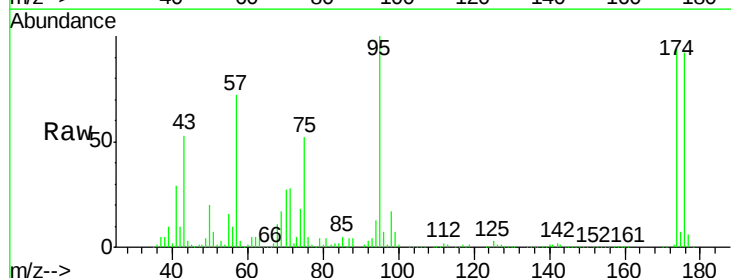
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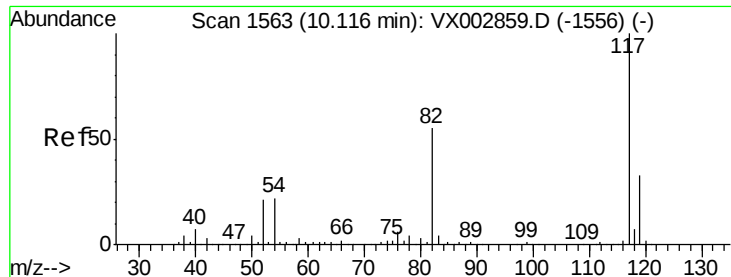
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#62
4-Bromofluorobenzene
Concen: 50.066 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003055.D
Acq: 30 Jun 2018 03:22

Tgt Ion: 95 Resp: 206772
Ion Ratio Lower Upper
95 100
174 94.8 0.0 187.4
176 93.2 0.0 181.0





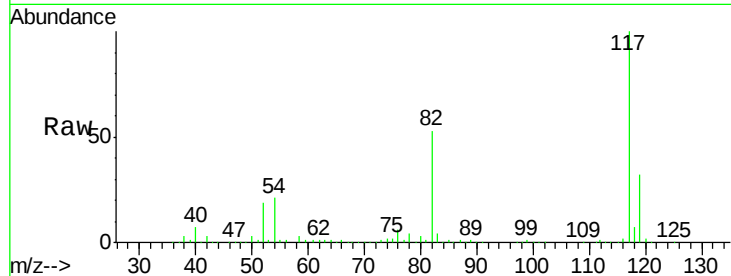
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003055.D
Acq: 30 Jun 2018 03:22

Instrument :
MSVOA_X
ClientSampleId :
WP021SB481-9-11-180621MEDL

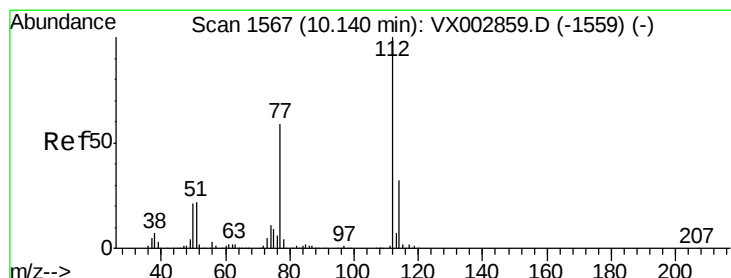
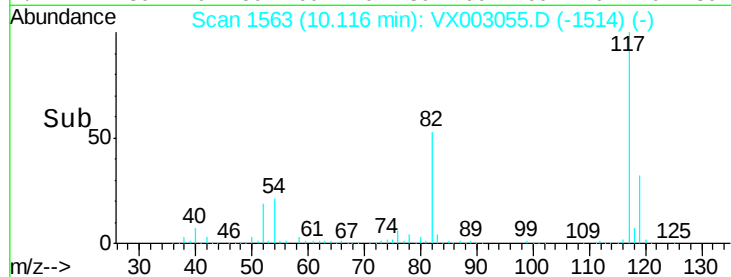
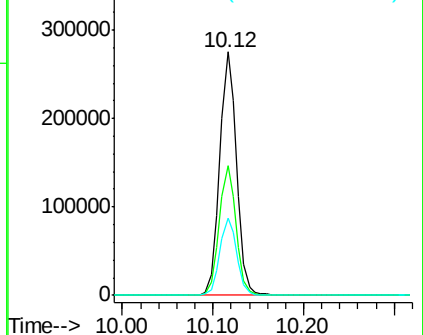
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	358650		
82	53.2	45.0	67.4	
119	31.8	25.8	38.6	

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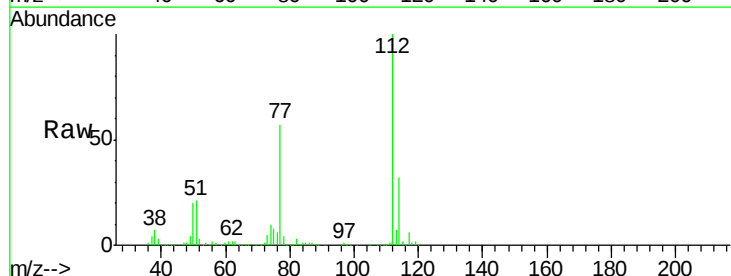


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

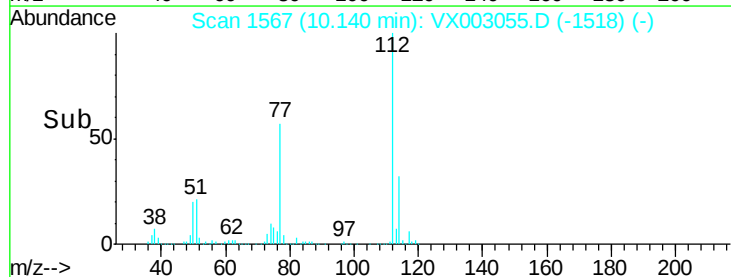
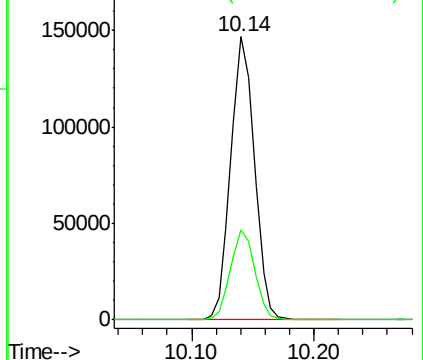


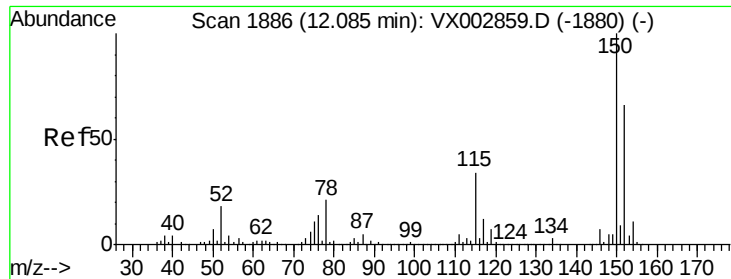
#65
Chlorobenzene
Concen: 21.707 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003055.D
Acq: 30 Jun 2018 03:22

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	197742		
114	32.0	25.3	37.9	



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003055.D

Acq: 30 Jun 2018 03:22

Instrument :

MSVOA_X

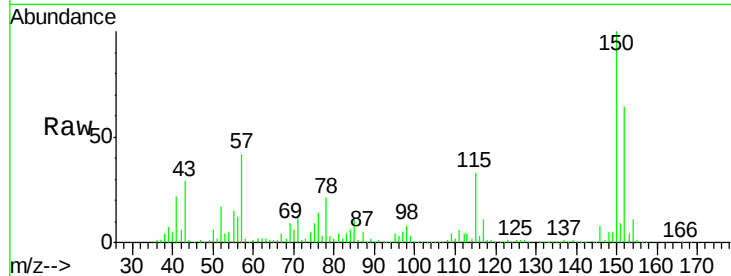
ClientSampleId :

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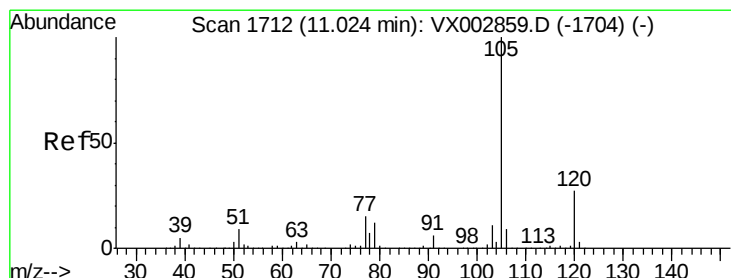
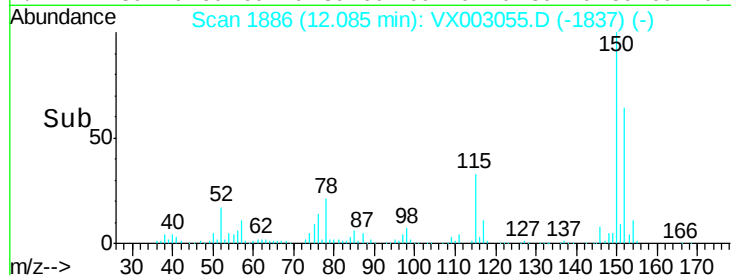
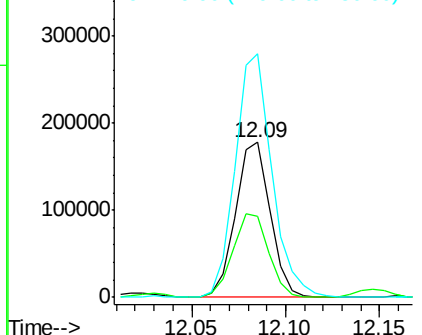
Tgt Ion:	152	Resp:	226210
Ion Ratio	Lower	Upper	
152	100		
115	55.7	40.1	120.2
150	166.7	0.0	347.2

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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: 0.683 ug/l

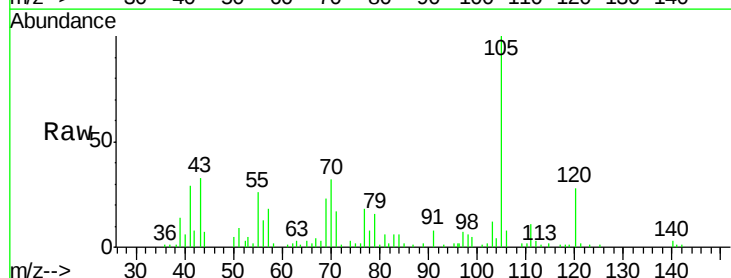
RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

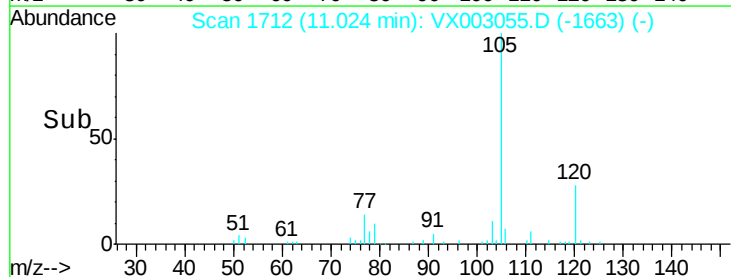
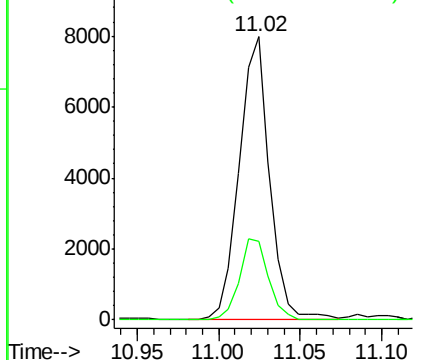
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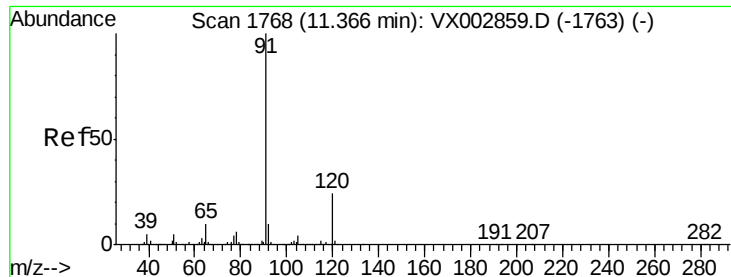
Acq: 30 Jun 2018 03:22

Tgt Ion:	105	Resp:	10396
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.5	40.4



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





#78

n-propylbenzene

Concen: 2.243 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003055.D

Acq: 30 Jun 2018 03:22

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion: 91 Resp: 38860

Ion Ratio Lower Upper

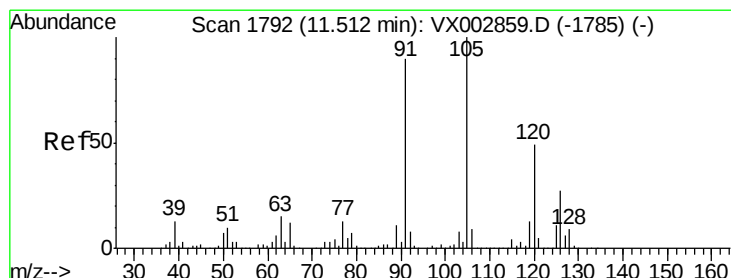
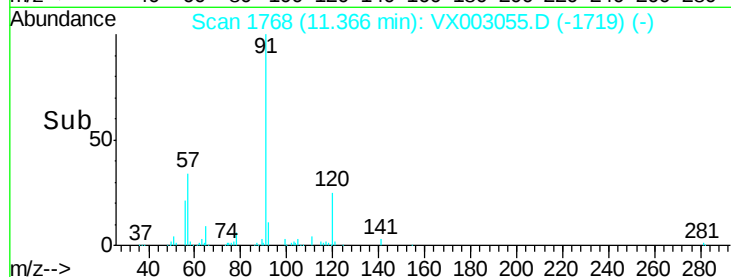
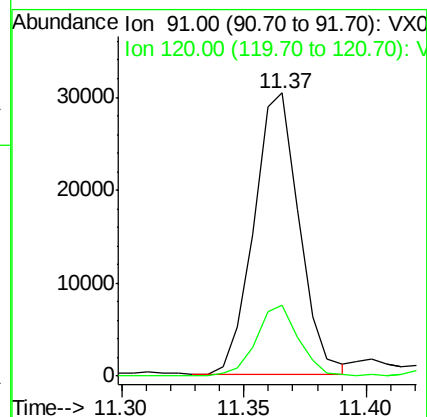
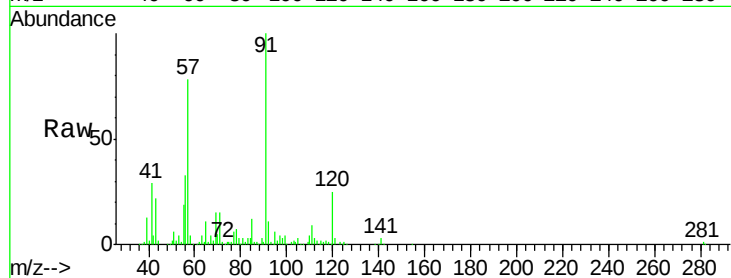
91 100

120 23.9 11.8 35.4

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 3.711 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003055.D

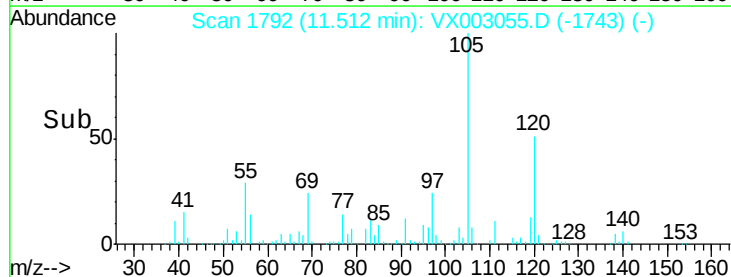
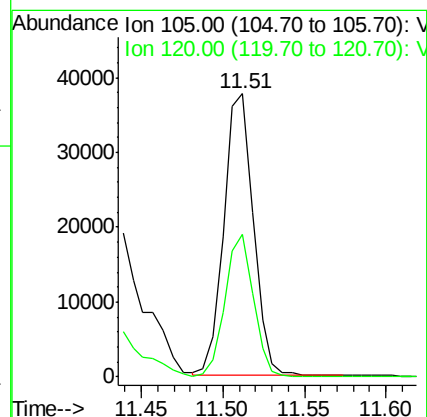
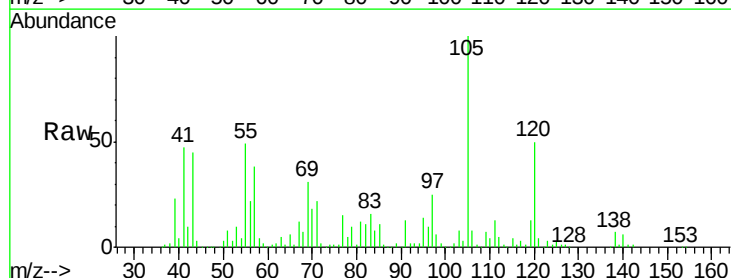
Acq: 30 Jun 2018 03:22

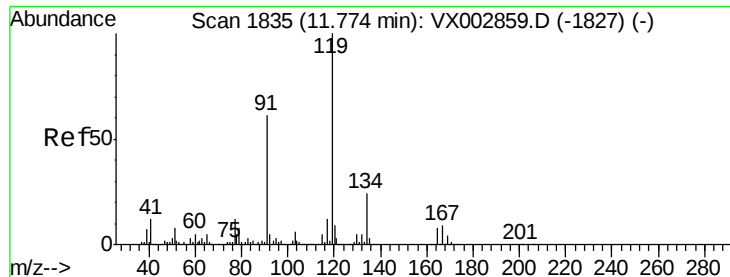
Tgt Ion: 105 Resp: 47558

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4





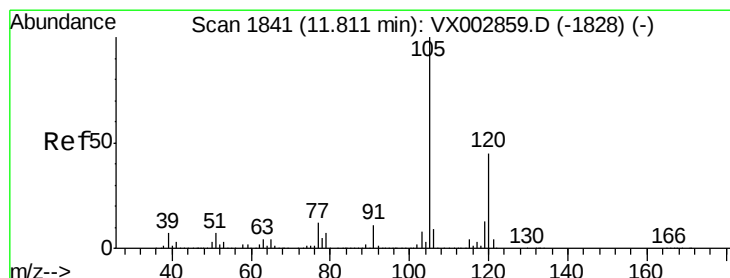
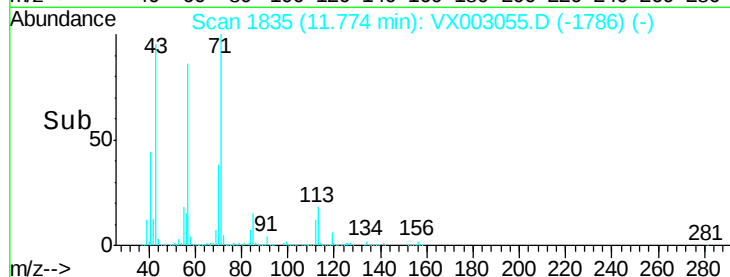
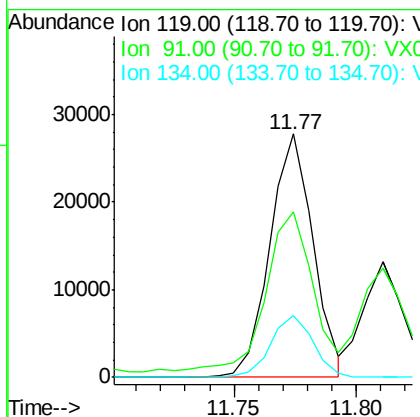
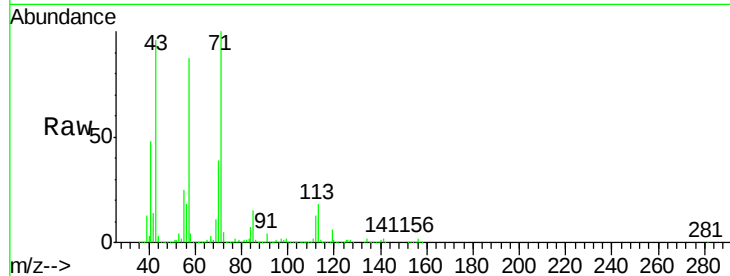
#83
 tert-Butylbenzene
 Concen: 2.684 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003055.D
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Tgt Ion	Ratio	Lower	Upper
119	100		
91	72.2	30.3	90.9
134	25.3	11.7	35.1

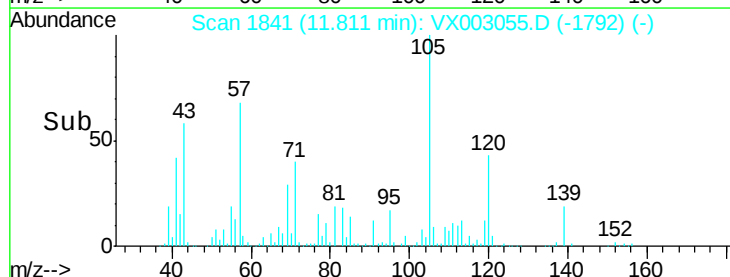
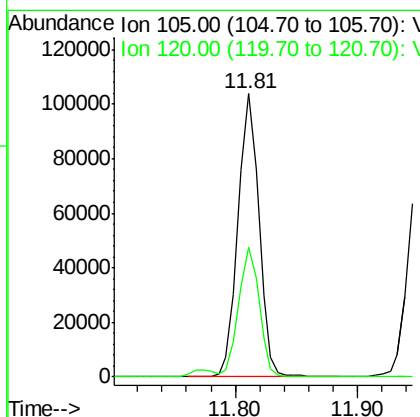
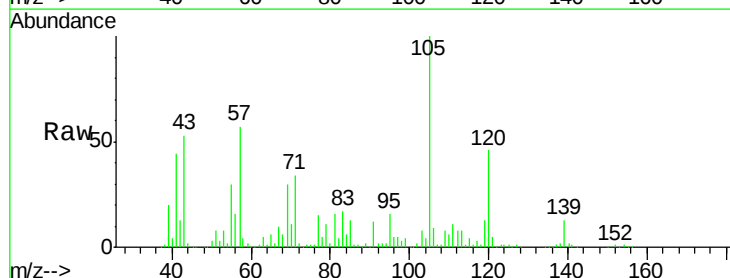
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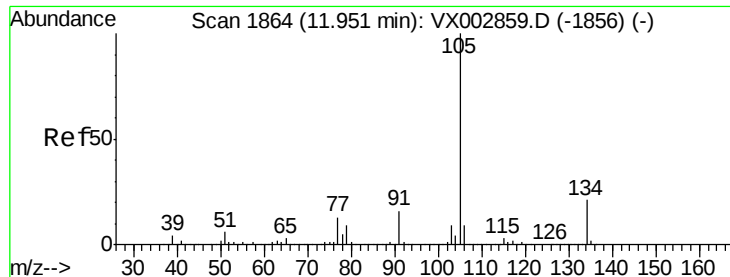
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#84
 1,2,4-Trimethylbenzene
 Concen: 9.192 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003055.D
 Acq: 30 Jun 2018 03:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.3	66.8





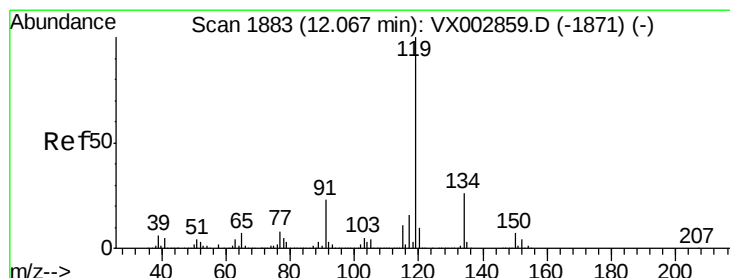
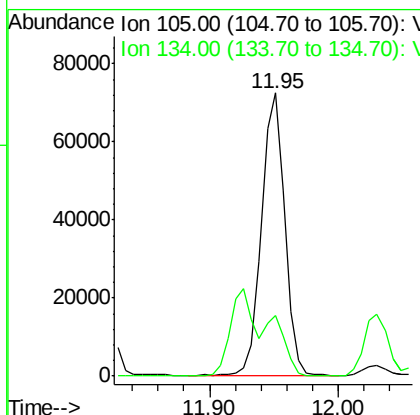
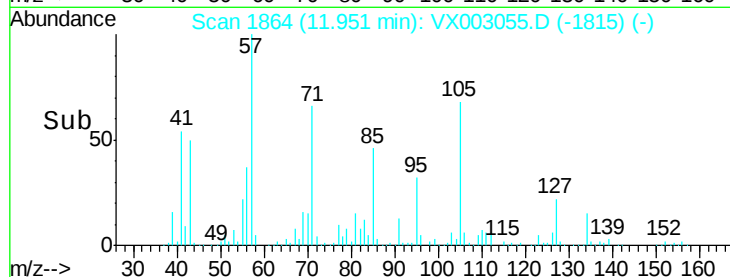
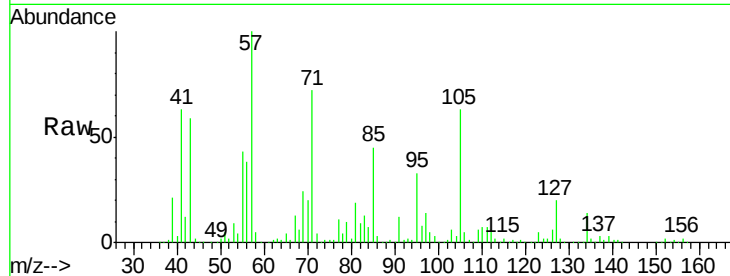
#85
 sec-Butylbenzene
 Concen: 5.860 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003055.D
 Acq: 30 Jun 2018 03:22

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB481-9-11-180621MEDL

Tgt Ion:105 Resp: 89797
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

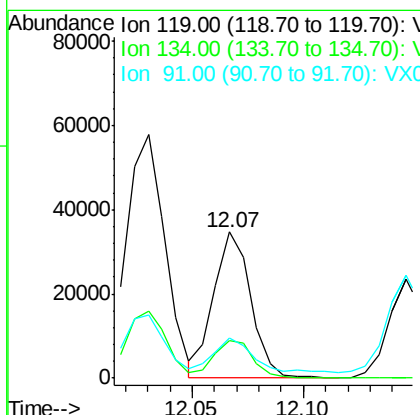
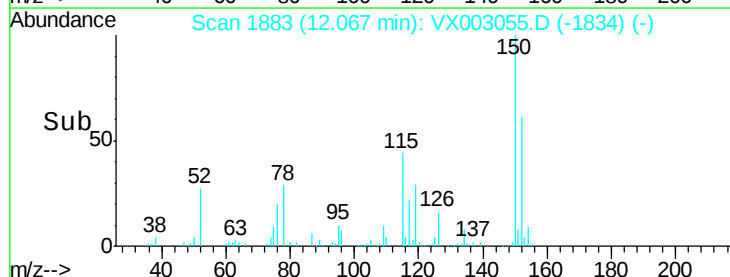
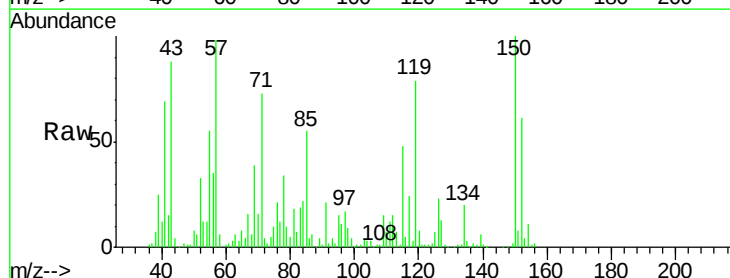
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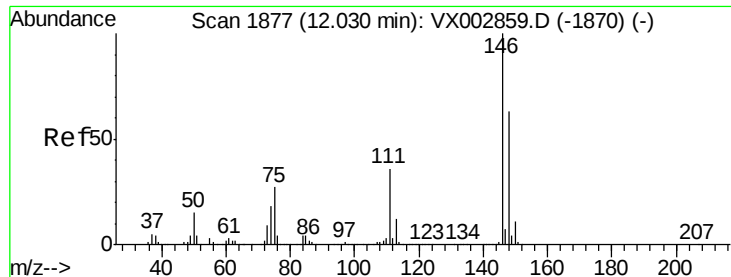
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#86
 p-Isopropyltoluene
 Concen: 2.895 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003055.D
 Acq: 30 Jun 2018 03:22

Tgt Ion:119 Resp: 39884
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.4 40.1
 91 26.2 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 2.050 ug/l m

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003055.D

Acq: 30 Jun 2018 03:22

Instrument :

MSVOA_X

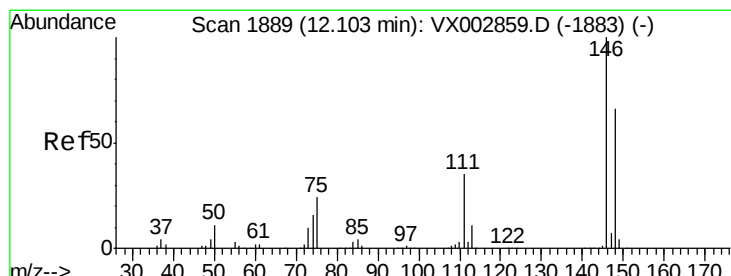
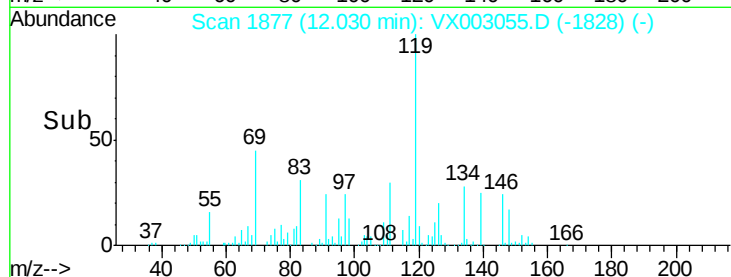
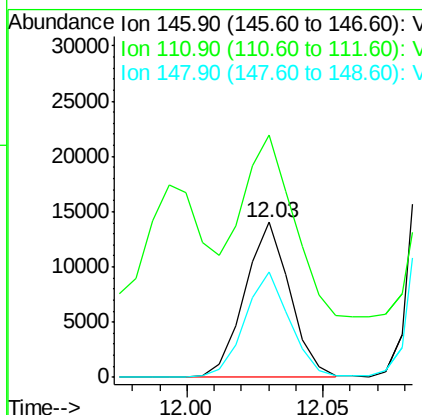
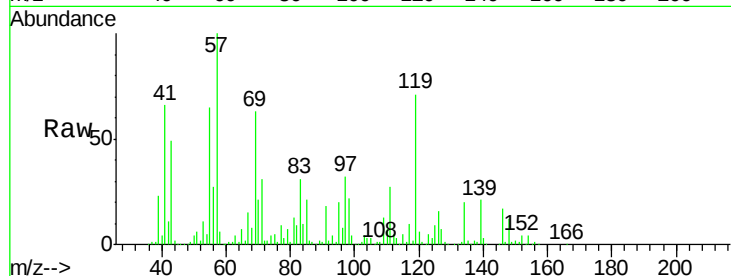
ClientSampleId :

WP021SB481-9-11-180621MEDL

Tgt Ion:	146	Resp:	16227
Ion Ratio	Lower	Upper	
146	100		
111	591.8	18.9	56.7#
148	923.4	32.1	96.3#

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#88

1,4-Dichlorobenzene

Concen: 28.665 ug/l

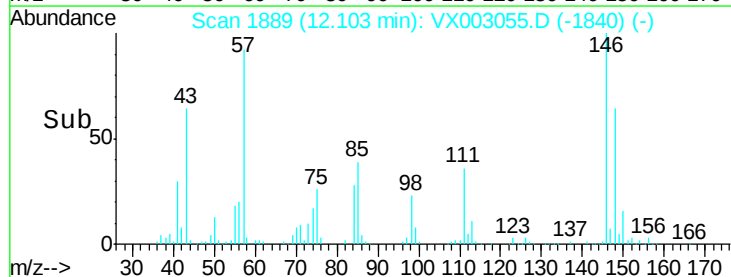
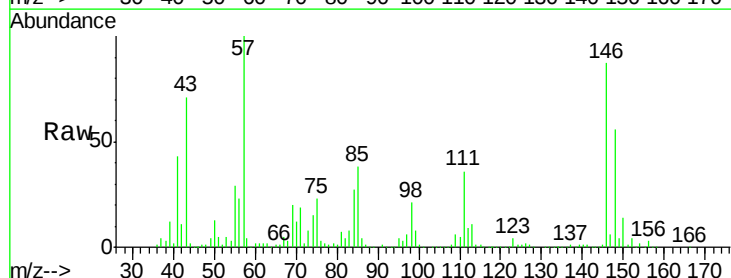
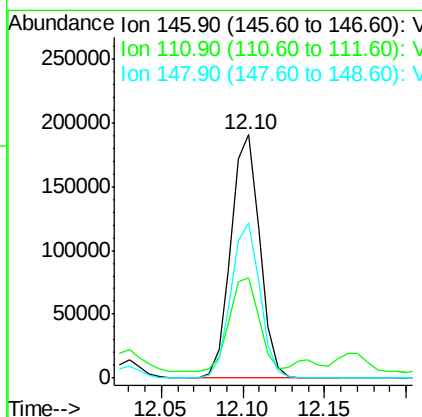
RT: 12.10 min Scan# 1889

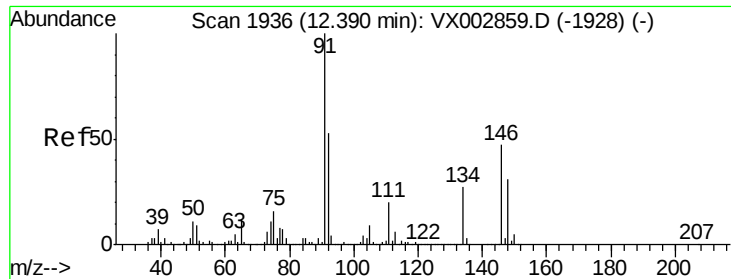
Delta R.T. -0.00 min

Lab File: VX003055.D

Acq: 30 Jun 2018 03:22

Tgt Ion:	146	Resp:	233482
Ion Ratio	Lower	Upper	
146	100		
111	41.1	18.7	56.1
148	64.2	32.4	97.0





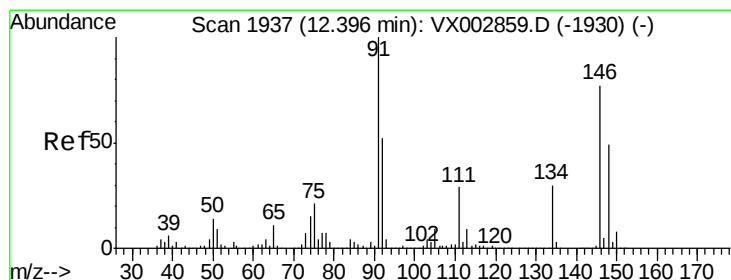
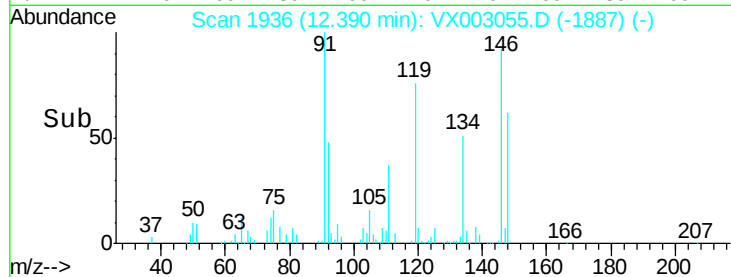
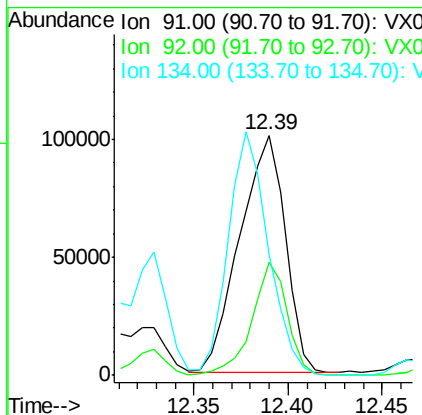
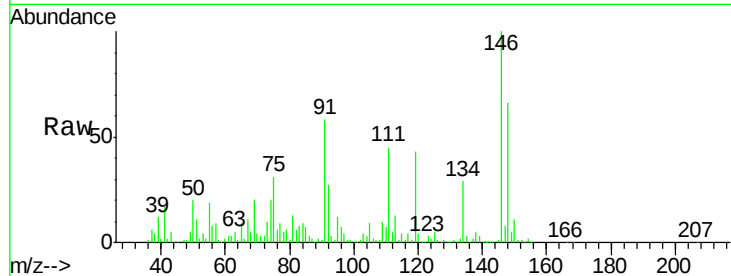
#89
n-Butylbenzene
Concen: 13.968 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003055.D
Acq: 30 Jun 2018 03:22

Instrument :
MSVOA_X
ClientSampleId :
WP021SB481-9-11-180621MEDL

Tgt Ion	Ratio	Lower	Upper
91	100		
92	36.7	26.0	78.0
134	90.4	13.5	40.5#

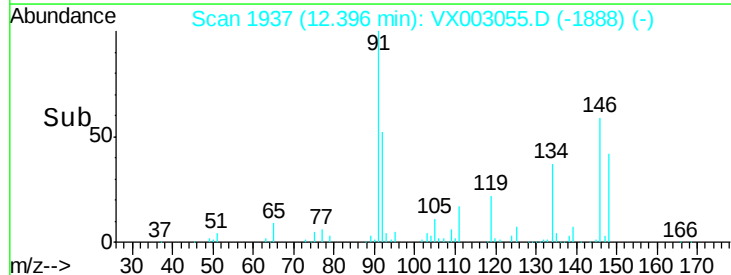
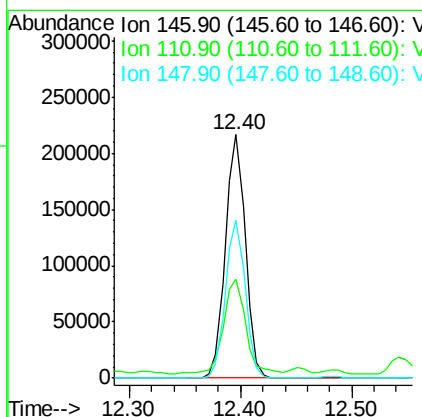
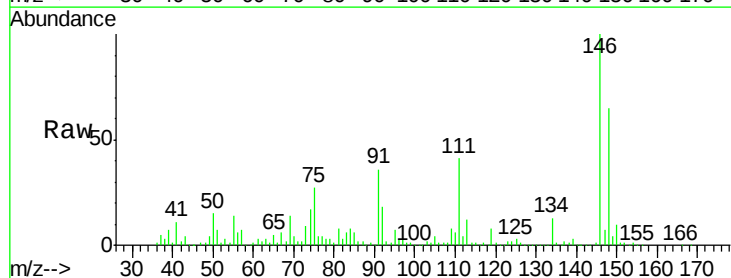
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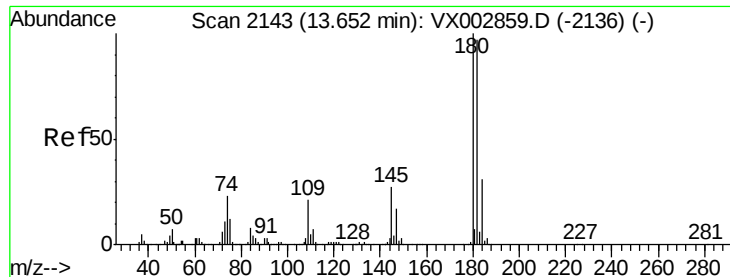
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#91
1,2-Dichlorobenzene
Concen: 33.620 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003055.D
Acq: 30 Jun 2018 03:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	19.4	58.1
148	64.7	31.7	95.1





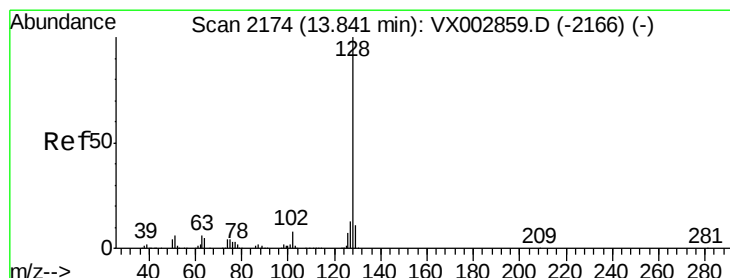
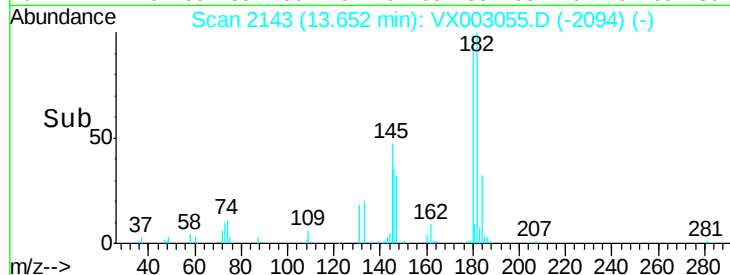
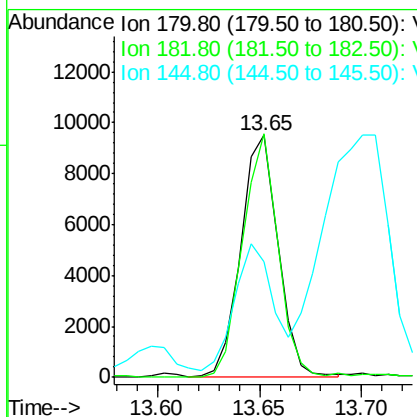
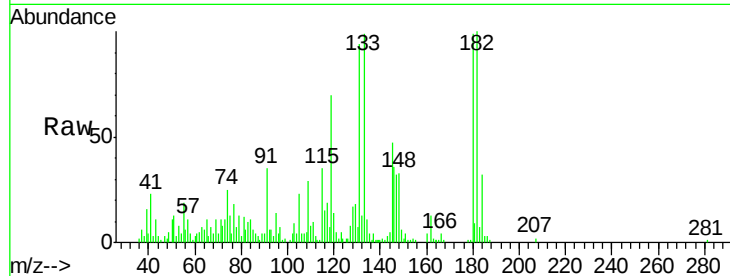
#93
 1,2,4-Trichlorobenzene
 Concen: 2.091 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003055.D
 Acq: 30 Jun 2018 03:22

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB481-9-11-180621MEDL

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	12155		
182	94.9	47.7	143.1	
145	57.7	14.1	42.4#	

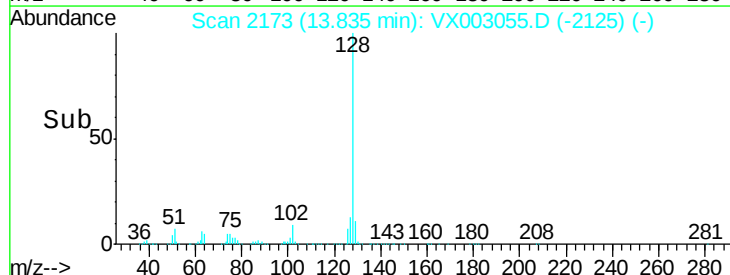
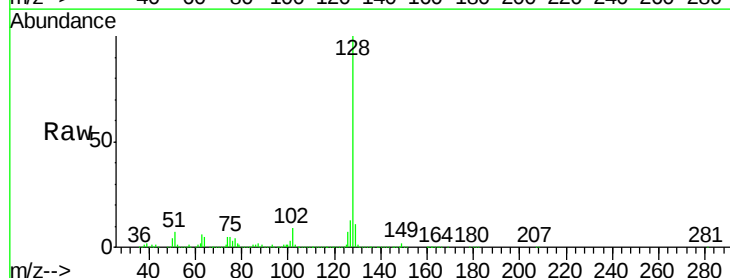
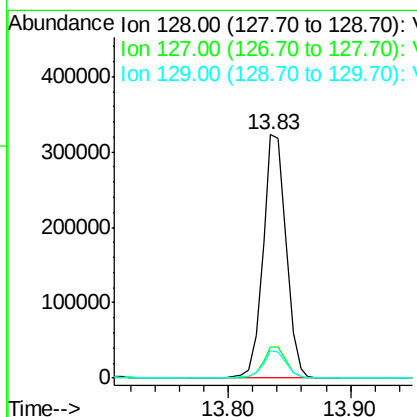
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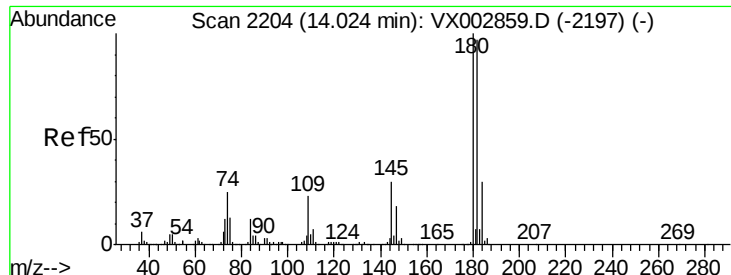
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#95
 Naphthalene
 Concen: 27.331 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: VX003055.D
 Acq: 30 Jun 2018 03:22

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	423222		
127	12.9	10.4	15.6	
129	11.5	8.6	13.0	





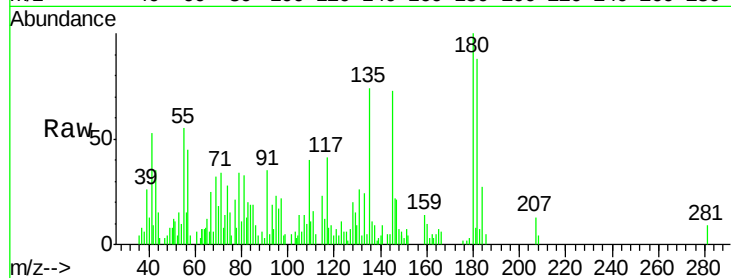
#96
 1,2,3-Trichlorobenzene
 Concen: 0.528 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003055.D
 Acq: 30 Jun 2018 03:22

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB481-9-11-180621MEDL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	83.3	48.0	144.0
145	121.2	14.8	44.3

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

