

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002943.D
 Acq On : 27 Jun 2018 18:16
 Operator : JC/MD
 Sample : J3707-10 5X
 Misc : 5.68g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-17-19-180622

Manual Integrations
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MMDadoda
 6/28/2018 4:47:55 PM

Quant Time: Jul 06 17:37:20 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	257976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	360038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	211170	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	172759	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
35) Dibromofluoromethane	5.51	113	134224	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
50) Toluene-d8	8.72	98	513266	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.14	95	193863	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	9167	3.14	ug/l	# 74
27) cis-1,2-Dichloroethene	4.60	96	319343	102.78	ug/l	83
44) Trichloroethene	7.22	130	4084	1.19	ug/l	95
52) Toluene	8.79	92	5106	0.69	ug/l	97
78) n-propylbenzene	11.36	91	4684	0.29	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	15213	1.27	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	37097	2.99	ug/l	98
85) sec-Butylbenzene	11.95	105	4416	0.31	ug/l	# 56
86) p-Isopropyltoluene	12.07	119	4246m	0.33	ug/l	
89) n-Butylbenzene	12.38	91	7229	0.65	ug/l	# 39
95) Naphthalene	13.84	128	14567	1.01	ug/l	97

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

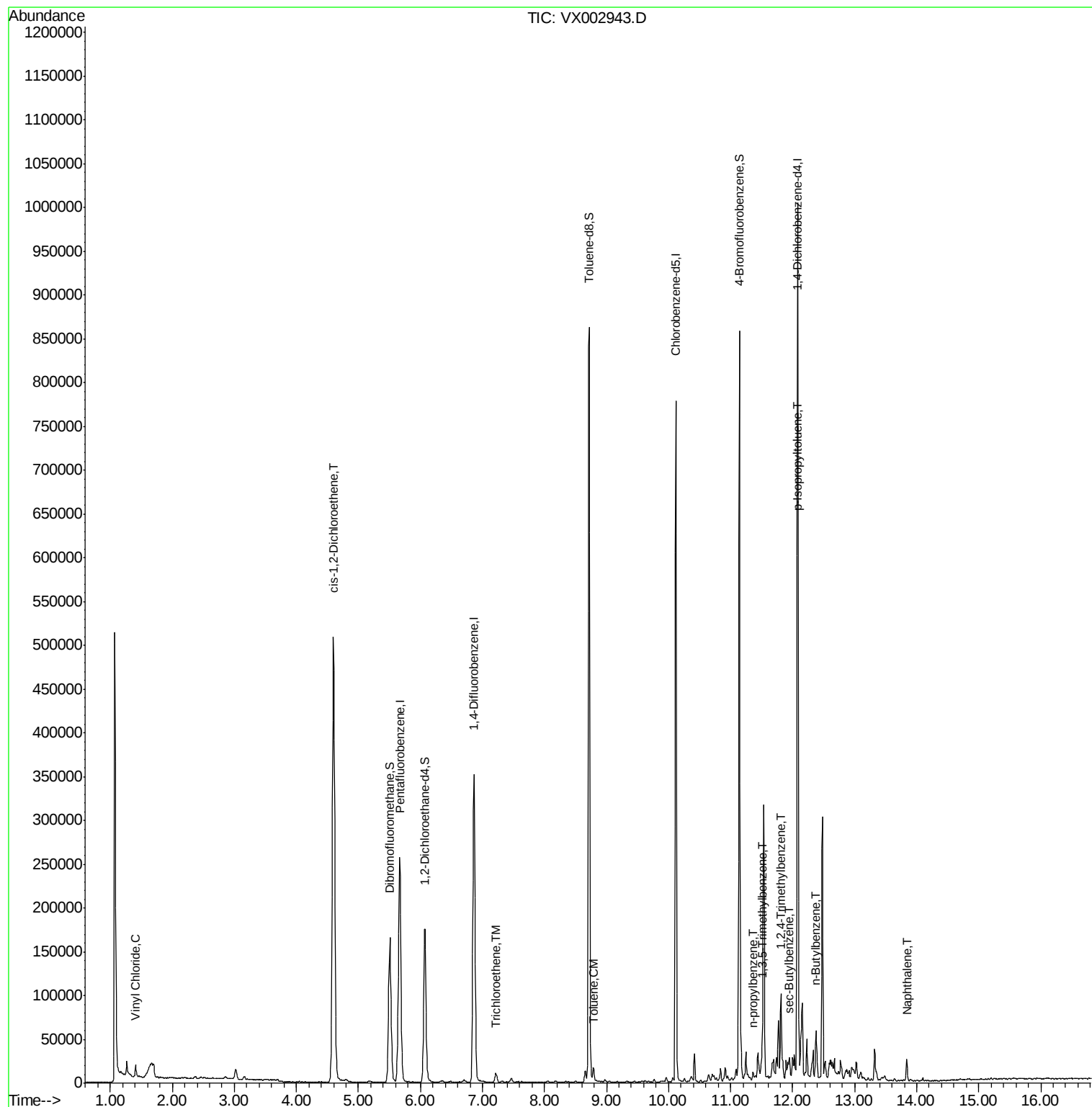
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002943.D
Acq On : 27 Jun 2018 18:16
Operator : JC/MD
Sample : J3707-10 5X
Misc : 5.68g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

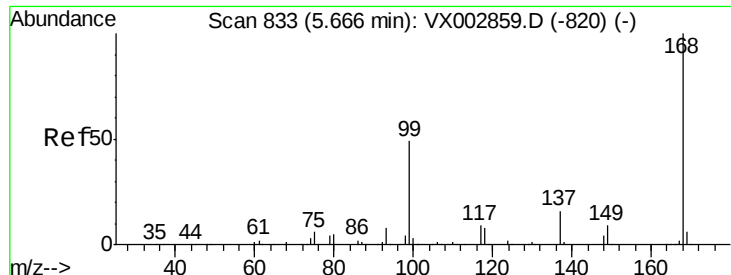
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-17-19-180622

Manual Integrations
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6/28/2018 4:47:55 PM

Quant Time: Jul 06 17:37:20 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: VX002943.D

Acq: 27 Jun 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-17-19-180622

Tot Ion:168 Resp: 257976

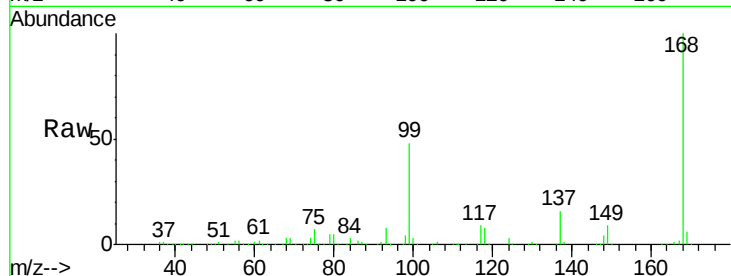
Ion Ratio Lower Upper

168 100

99 48.3 39.3 58.9

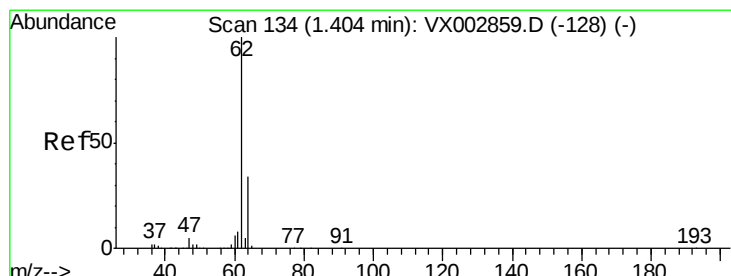
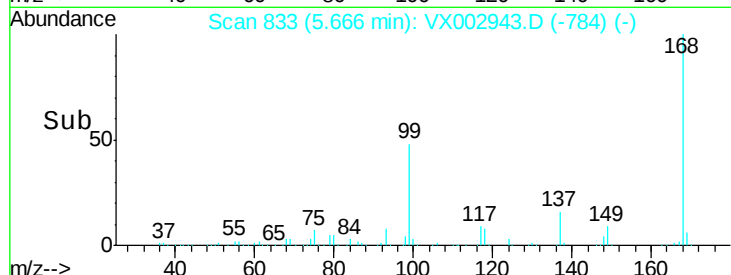
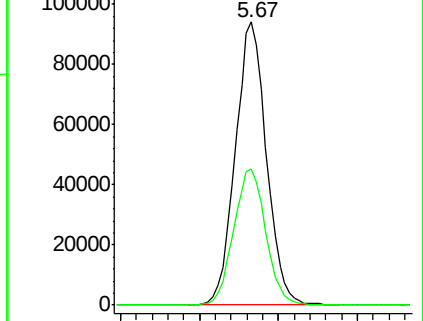
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 3.14 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002943.D

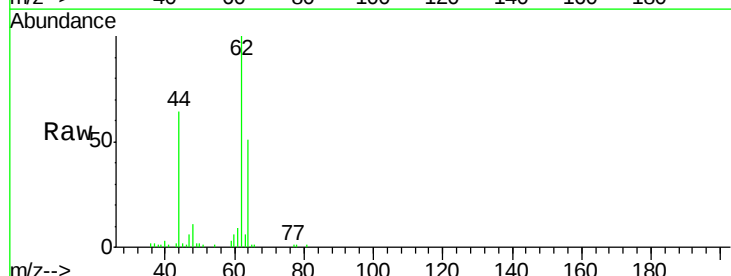
Acq: 27 Jun 2018 18:16

Tgt Ion: 62 Resp: 9167

Ion Ratio Lower Upper

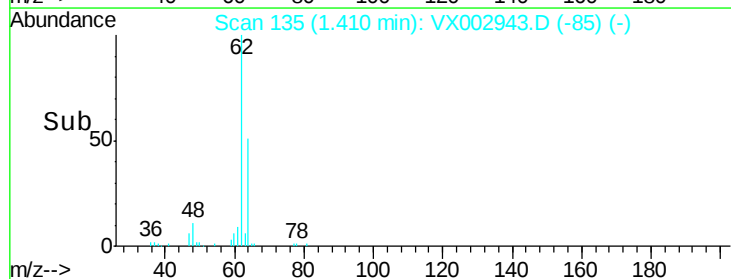
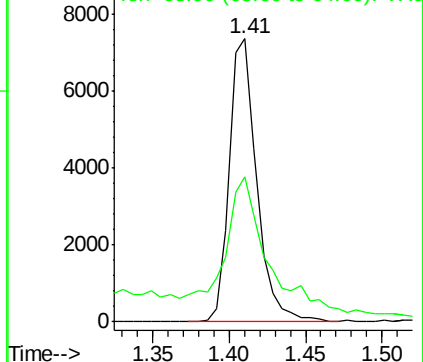
62 100

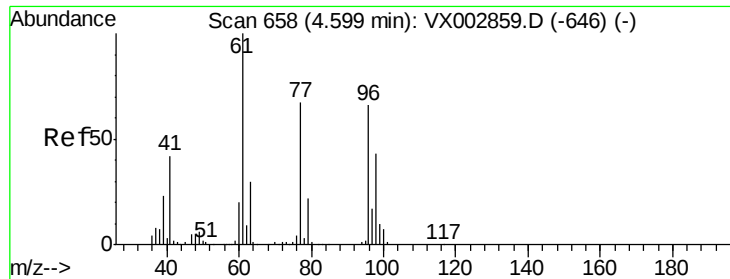
64 46.4 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

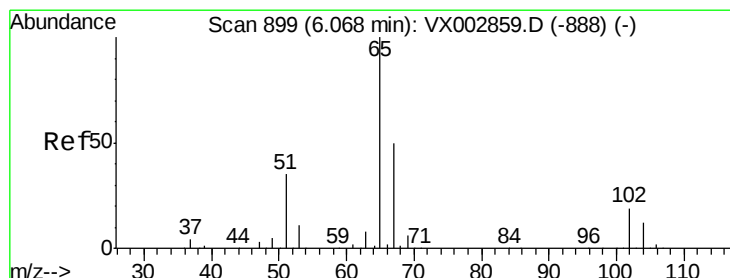
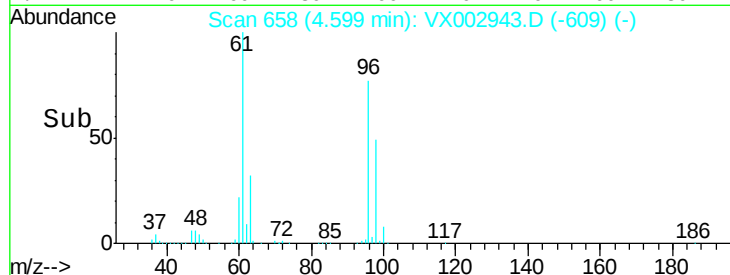
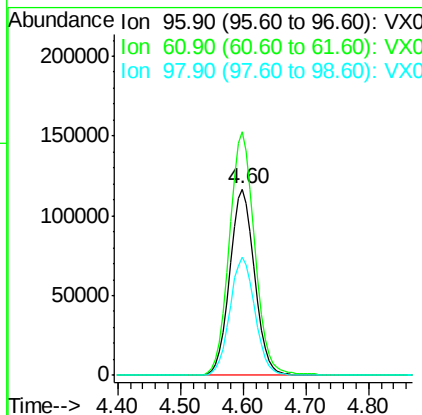
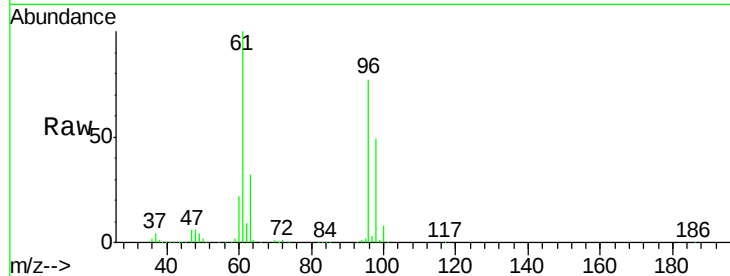
cis-1,2-Dichloroethene
 Concen: 102.78 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX002943.D
 Acq: 27 Jun 2018 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-17-19-180622

Tot Ion	Ratio	Resp	Lower	Upper
96	100	319343		
61	134.3	0.0	330.2	
98	64.1	0.0	130.2	

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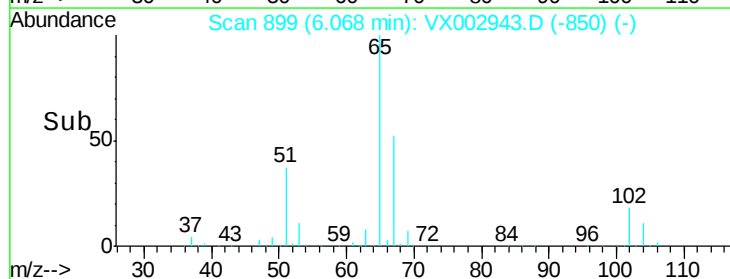
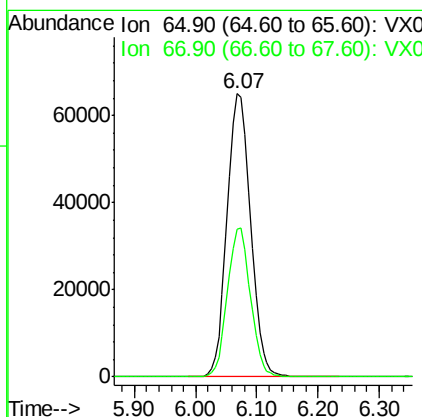
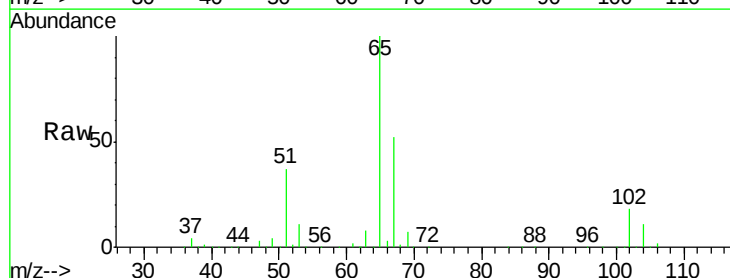
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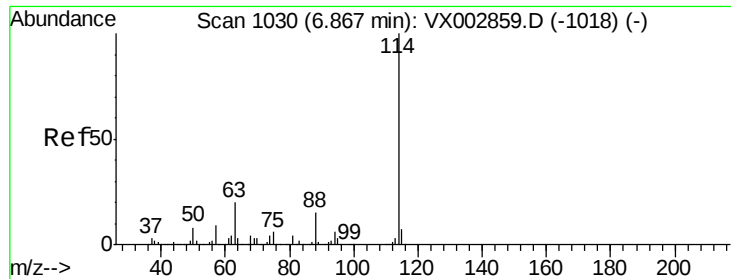


#33

1,2-Dichloroethane-d4
 Concen: 48.45 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002943.D
 Acq: 27 Jun 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	172759		
67	51.4	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: VX002943.D

Acq: 27 Jun 2018 18:16

Instrument :

MSVOA_X

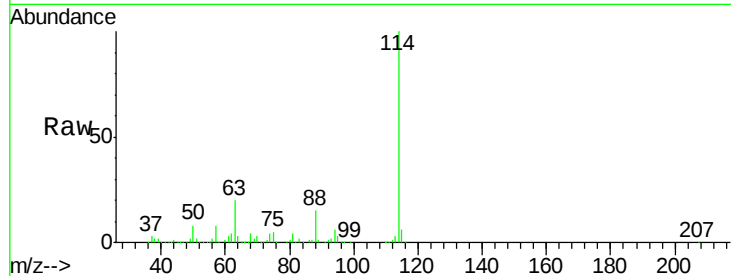
ClientSampleId :

WP021SB480-17-19-180622

Tot Ion	Ratio	Resp	Lower	Upper
114	100	360038		
63	20.3		0.0	41.4
88	14.8		0.0	30.0

Manual Integrations
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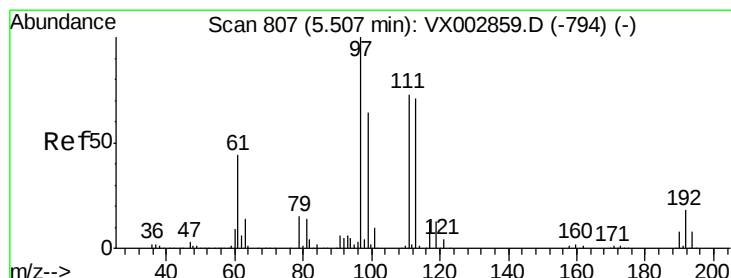
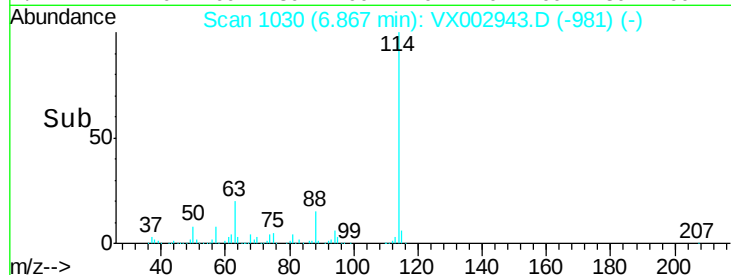
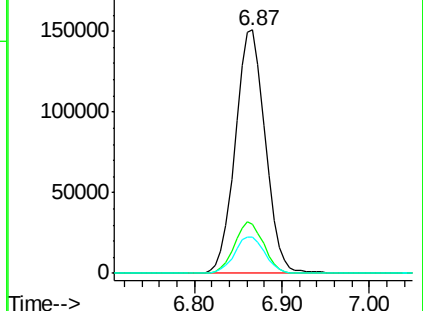
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.08 ug/l

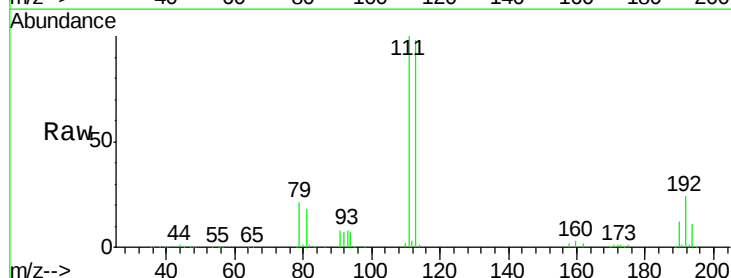
RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002943.D

Acq: 27 Jun 2018 18:16

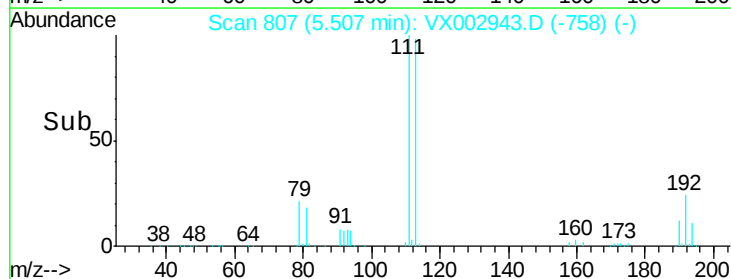
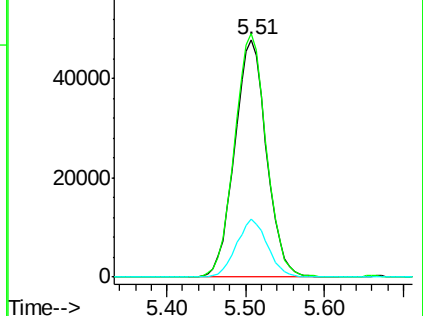
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	134224		
111	102.3		81.4	122.0
192	23.8		19.1	28.7

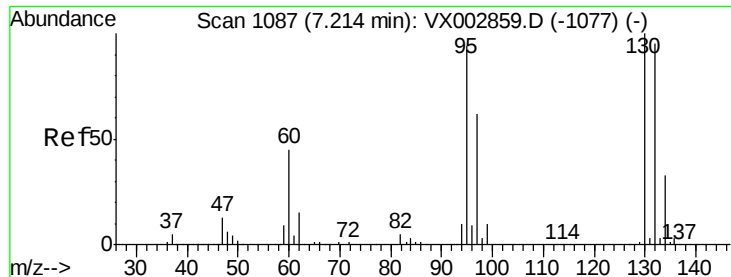


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.19 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002943.D

Acq: 27 Jun 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-17-19-180622

Tot Ion:130 Resp: 4084

Ion Ratio Lower Upper

130 100

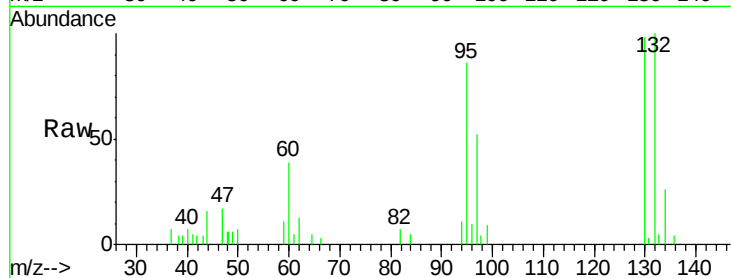
95 88.2 0.0 185.4

Manual Integrations

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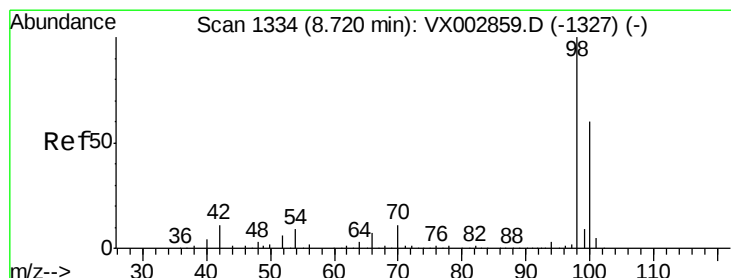
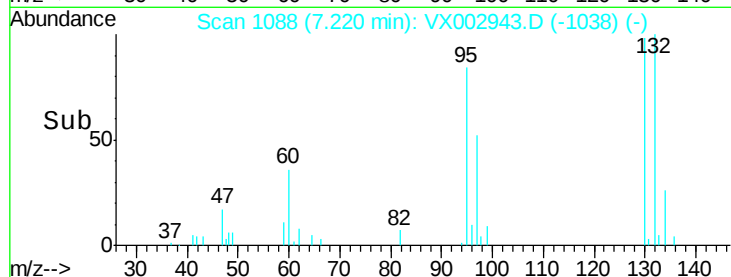
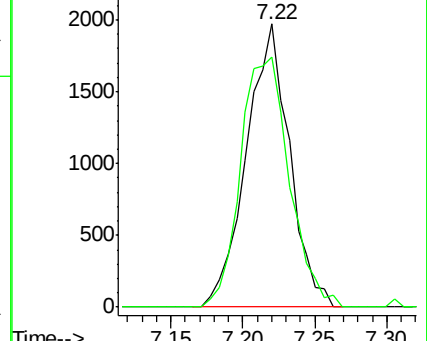
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.30 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002943.D

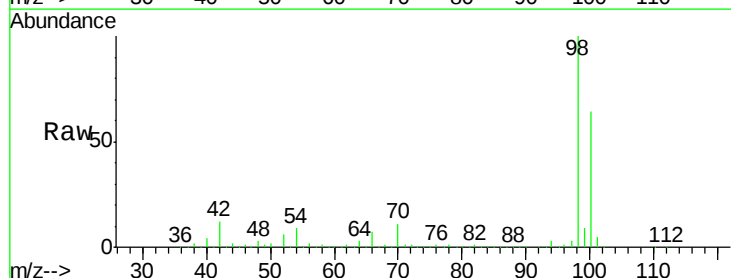
Acq: 27 Jun 2018 18:16

Tgt Ion: 98 Resp: 513266

Ion Ratio Lower Upper

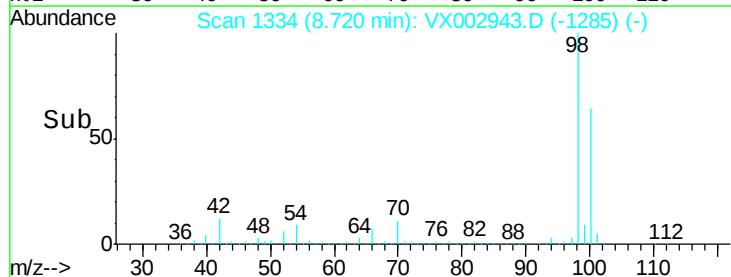
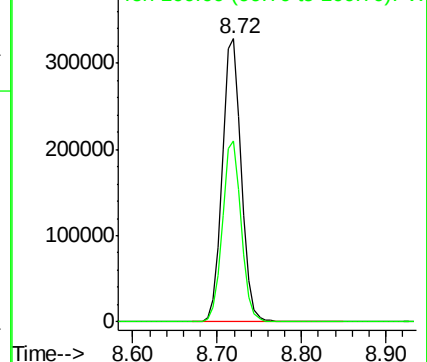
98 100

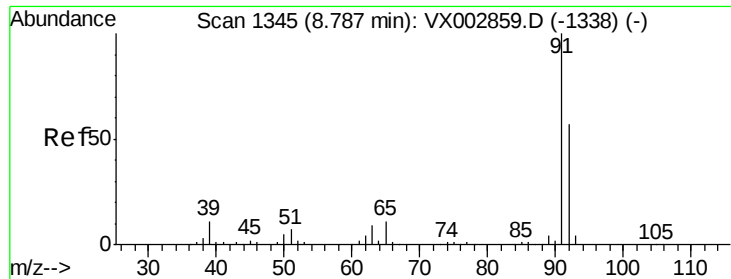
100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.69 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002943.D

Acq: 27 Jun 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-17-19-180622

Tot Ion: 92 Resp: 5106

Ion Ratio Lower Upper

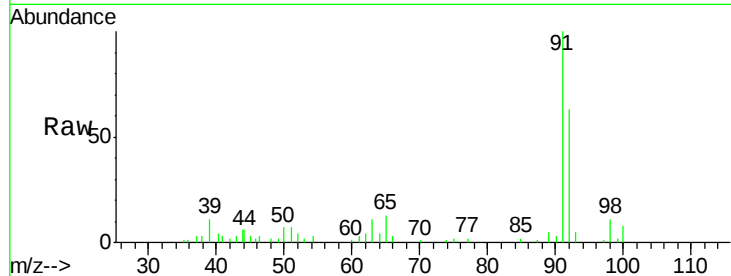
92 100

91 171.5 140.4 210.6

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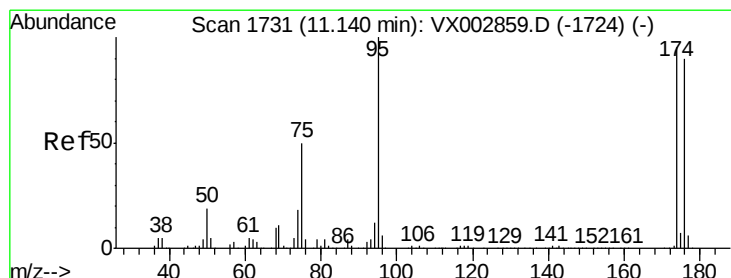
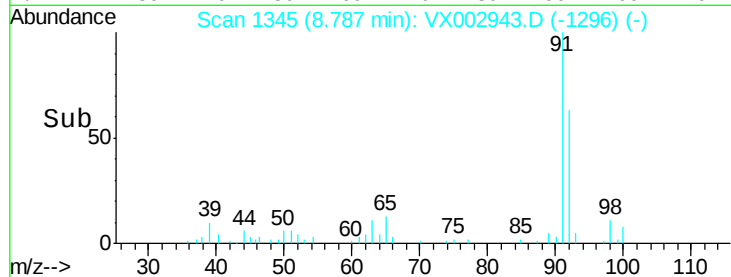
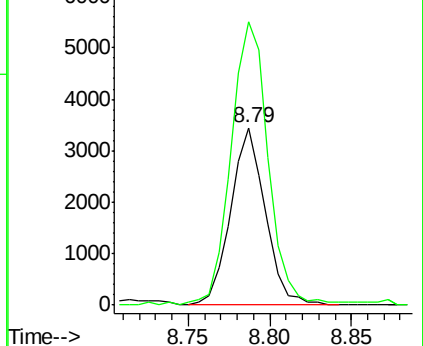
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002943.D

Acq: 27 Jun 2018 18:16

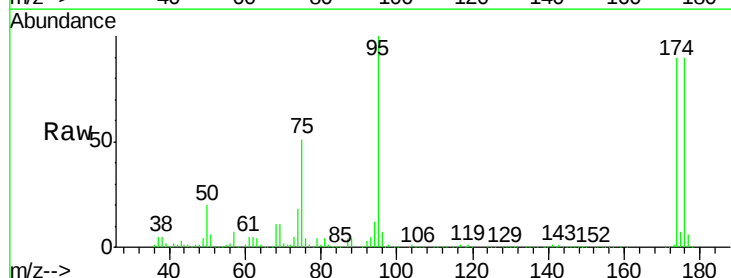
Tgt Ion: 95 Resp: 193863

Ion Ratio Lower Upper

95 100

174 95.6 0.0 187.4

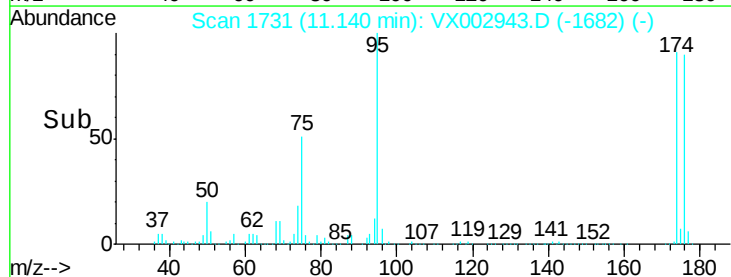
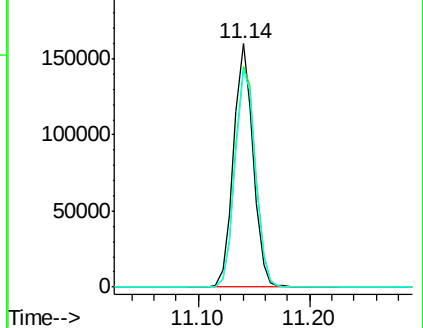
176 93.4 0.0 181.0

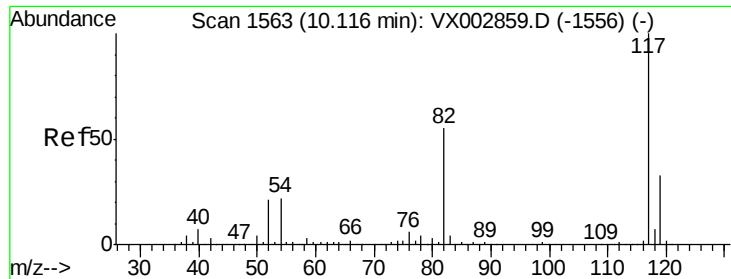


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





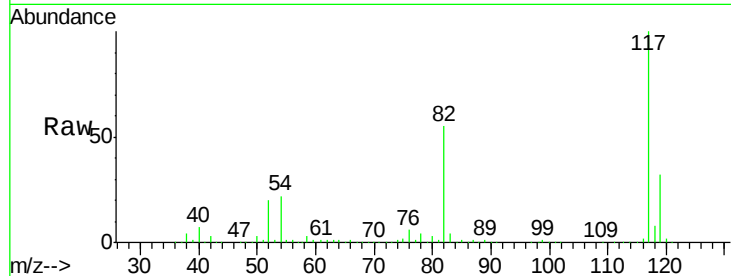
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002943.D
Acq: 27 Jun 2018 18:16

Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-17-19-180622

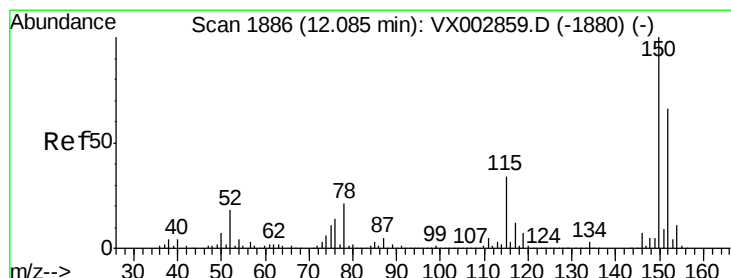
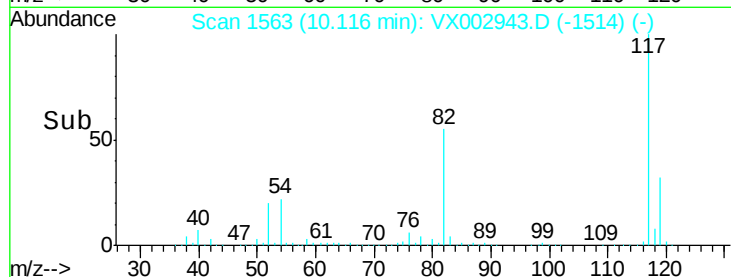
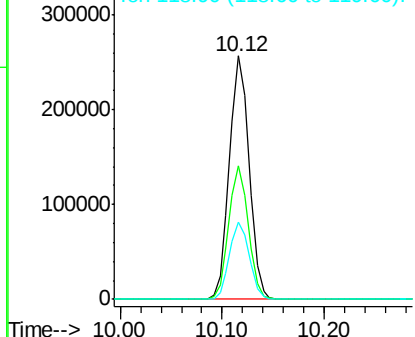
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.4
119	32.0	25.8	38.6

Manual Integrations
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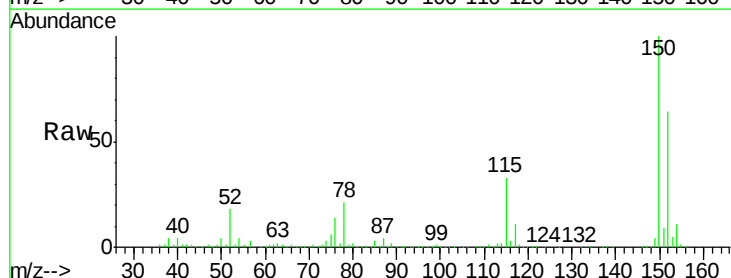


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

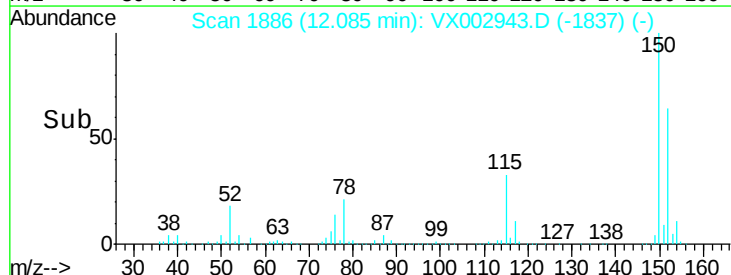
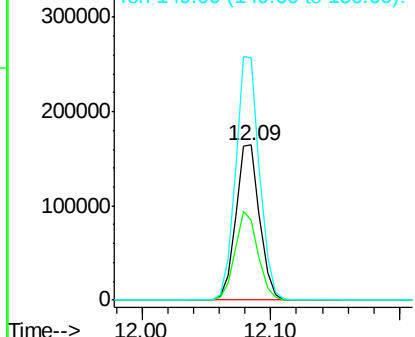


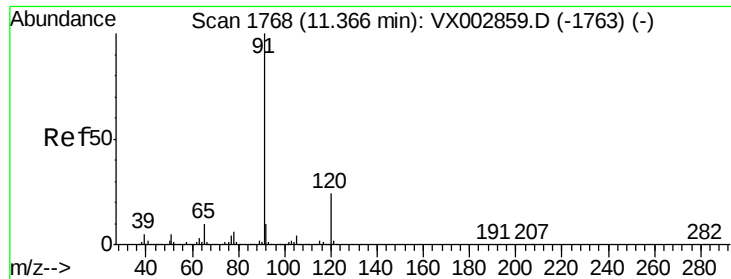
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002943.D
Acq: 27 Jun 2018 18:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	40.1	120.2
150	157.2	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 0.29 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX002943.D

Acq: 27 Jun 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-17-19-180622

Tot Ion: 91 Resp: 4684

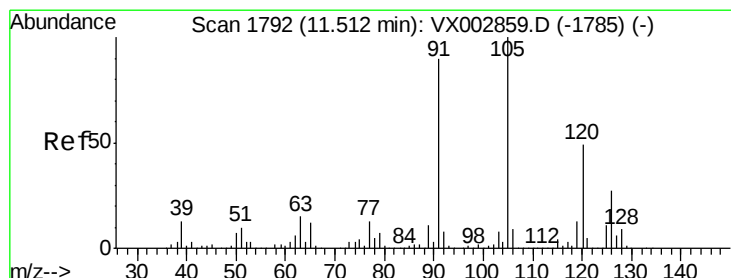
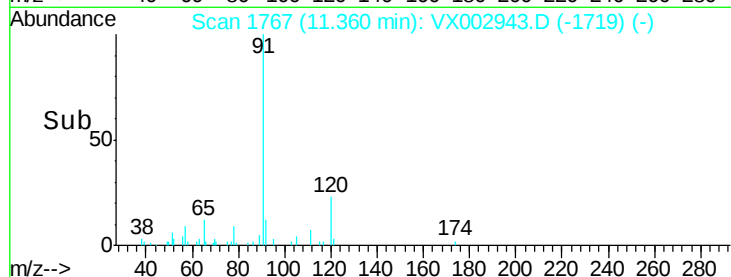
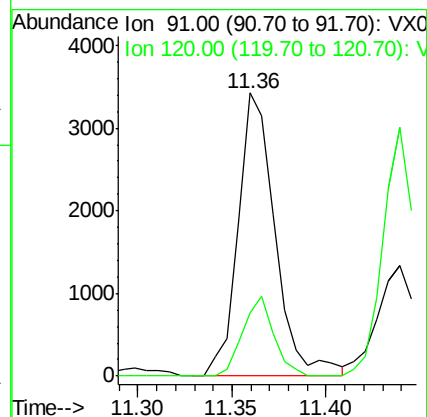
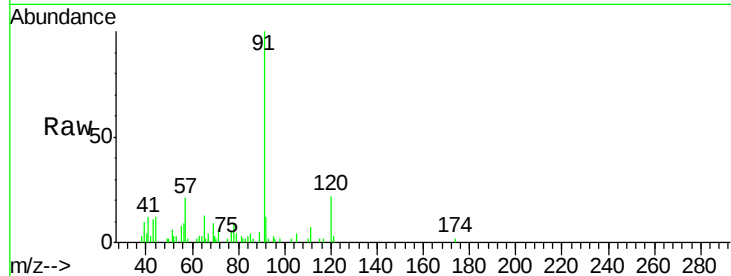
Ion Ratio Lower Upper

91 100

120 23.3 11.8 35.4

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#80

1,3,5-Trimethylbenzene

Concen: 1.27 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002943.D

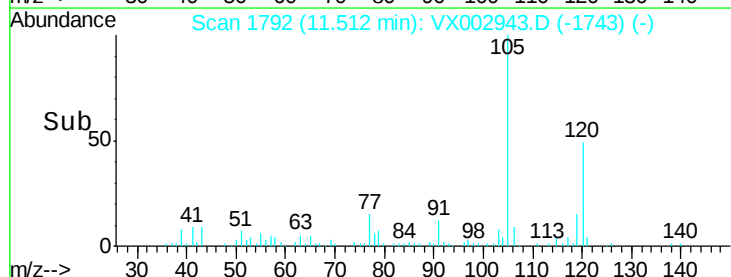
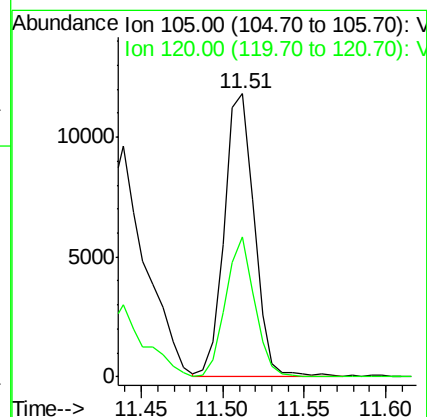
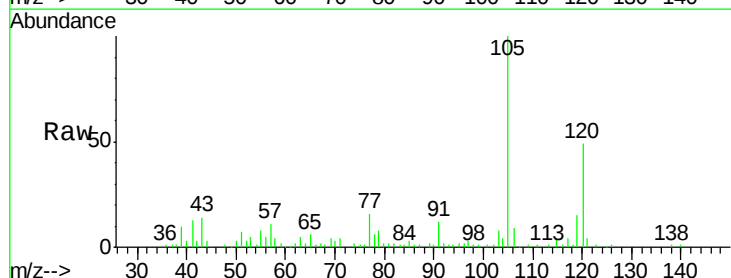
Acq: 27 Jun 2018 18:16

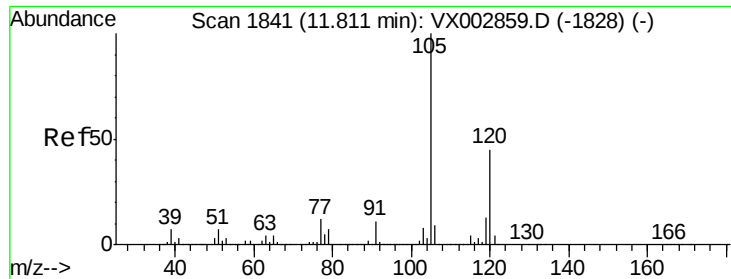
Tgt Ion: 105 Resp: 15213

Ion Ratio Lower Upper

105 100

120 47.6 24.4 73.4





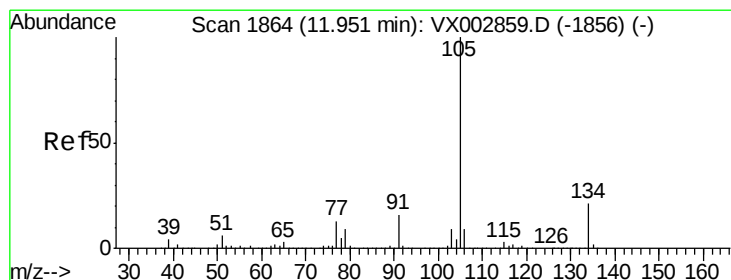
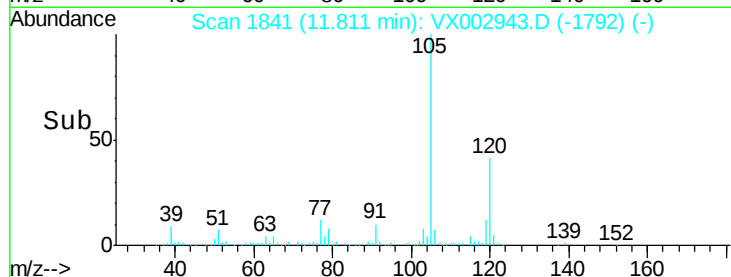
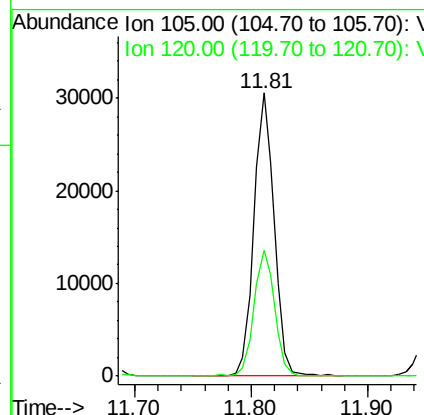
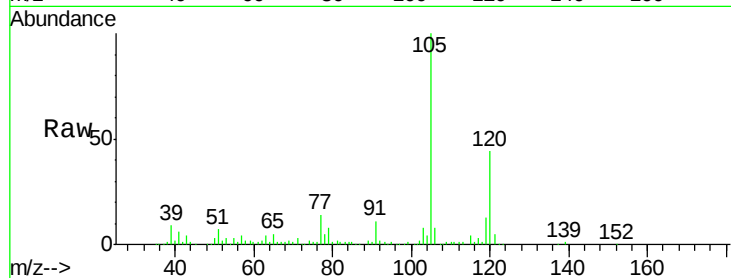
#84
 1,2,4-Trimethylbenzene
 Concen: 2.99 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002943.D
 Acq: 27 Jun 2018 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-17-19-180622

Tot Ion:105 Resp: 37097
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.8

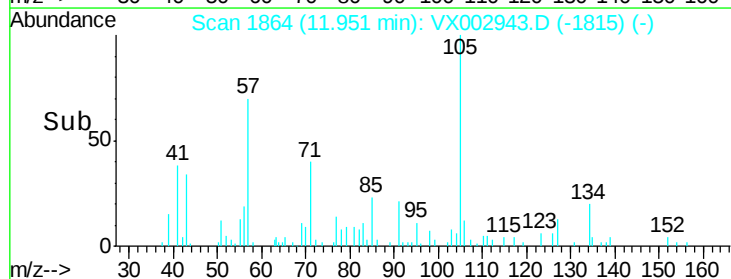
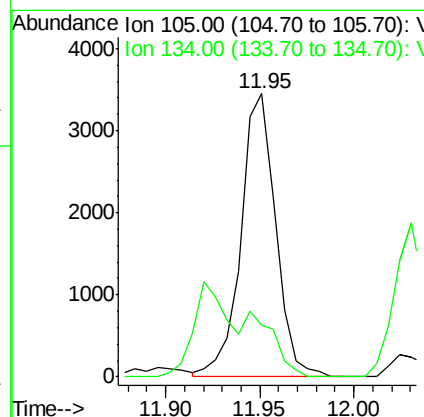
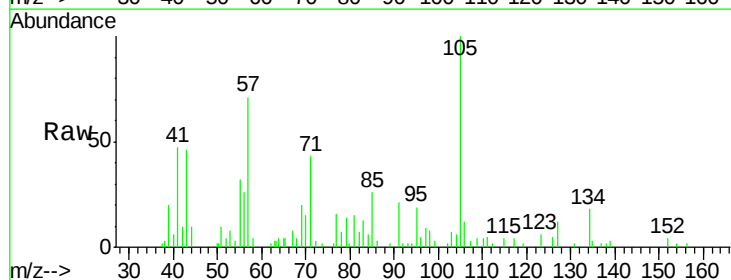
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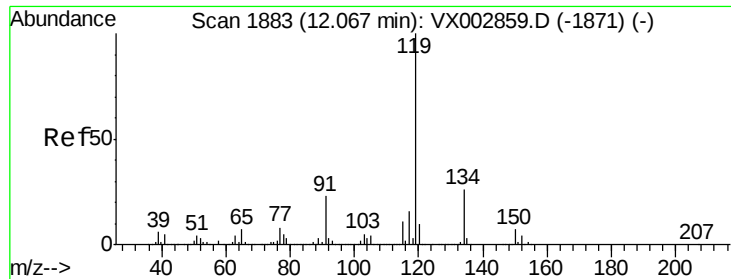
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#85
 sec-Butylbenzene
 Concen: 0.31 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002943.D
 Acq: 27 Jun 2018 18:16

Tgt Ion:105 Resp: 4416
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#





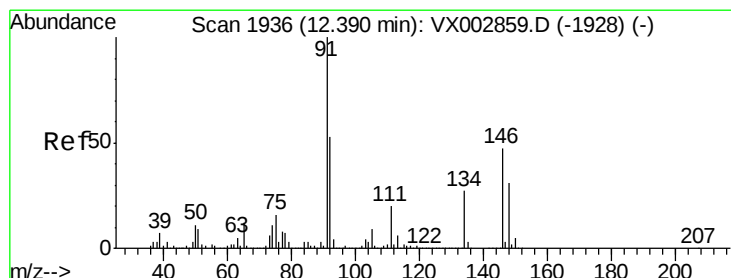
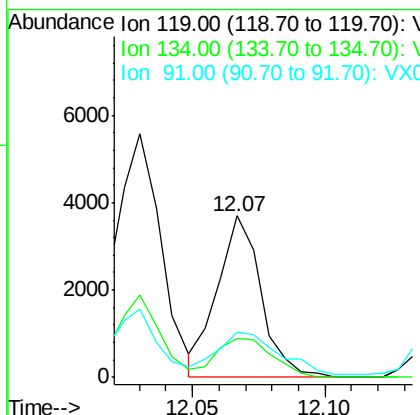
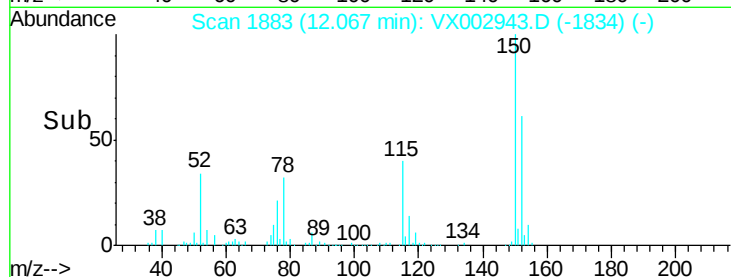
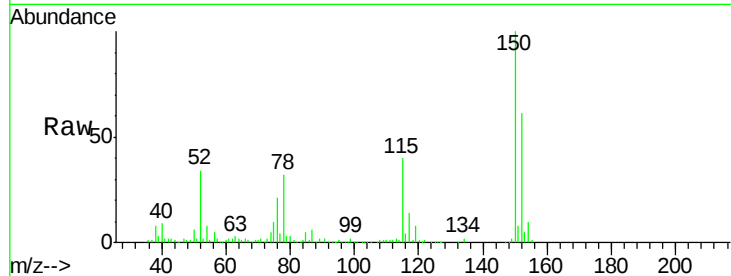
#86
 p-Isopropyltoluene
 Concen: 0.33 ug/l m
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002943.D
 Acq: 27 Jun 2018 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-17-19-180622

Tot Ion	Ratio	Lower	Upper
119	100		
134	51.2	13.4	40.1#
91	41.9	11.9	35.7#

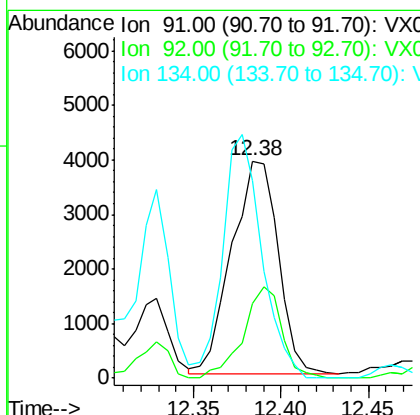
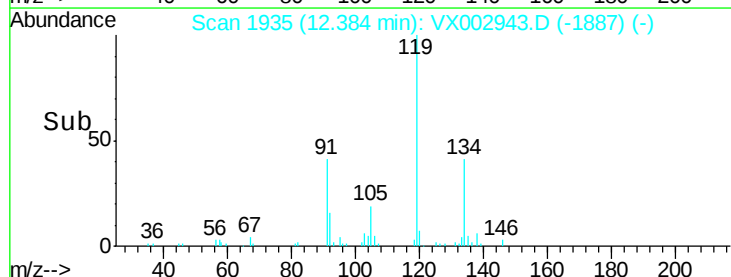
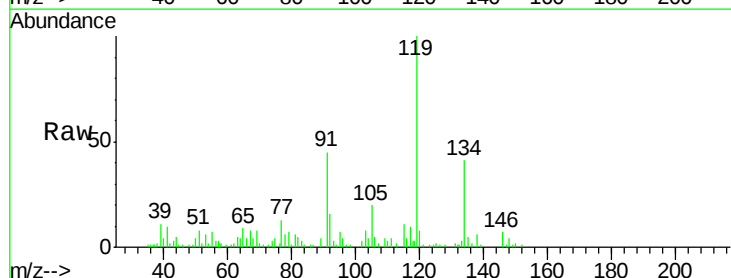
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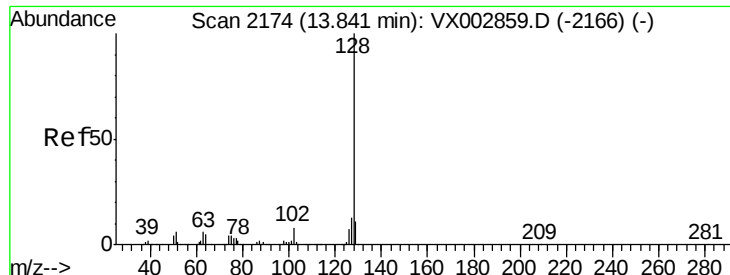
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#89
 n-Butylbenzene
 Concen: 0.65 ug/l
 RT: 12.38 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: VX002943.D
 Acq: 27 Jun 2018 18:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	35.6	26.0	78.0
134	96.2	13.5	40.5#





#95
Naphthalene
Concen: 1.01 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002943.D
Acq: 27 Jun 2018 18:16

Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-17-19-180622

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.4	15.6
129	12.3	8.6	13.0

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