

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008835.D
 Acq On : 11 Apr 2019 03:51
 Operator : JC/SP
 Sample : K2203-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-040919-B

Manual Integrations
 APPROVED

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 4/11/2019 11:48:27 AM

Quant Time: Apr 11 08:39:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131507	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
35) Dibromofluoromethane	5.50	113	97831	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	8.71	98	410673	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	142552	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
Target Compounds						
16) Acetone	2.44	43	38586	23.220	ug/l	100
20) Methylene Chloride	2.84	84	26443824m	9506.889	ug/l	
43) Isopropyl Acetate	6.45	43	10155	1.383	ug/l	99
67) Ethyl Benzene	10.25	91	17699	1.476	ug/l	96
68) m/p-Xylenes	10.35	106	30032	6.967	ug/l	100
69) o-Xylene	10.69	106	12939	3.097	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	20676	2.350	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	102631	11.520	ug/l	100
95) Naphthalene	13.83	128	30989	2.977	ug/l	100

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

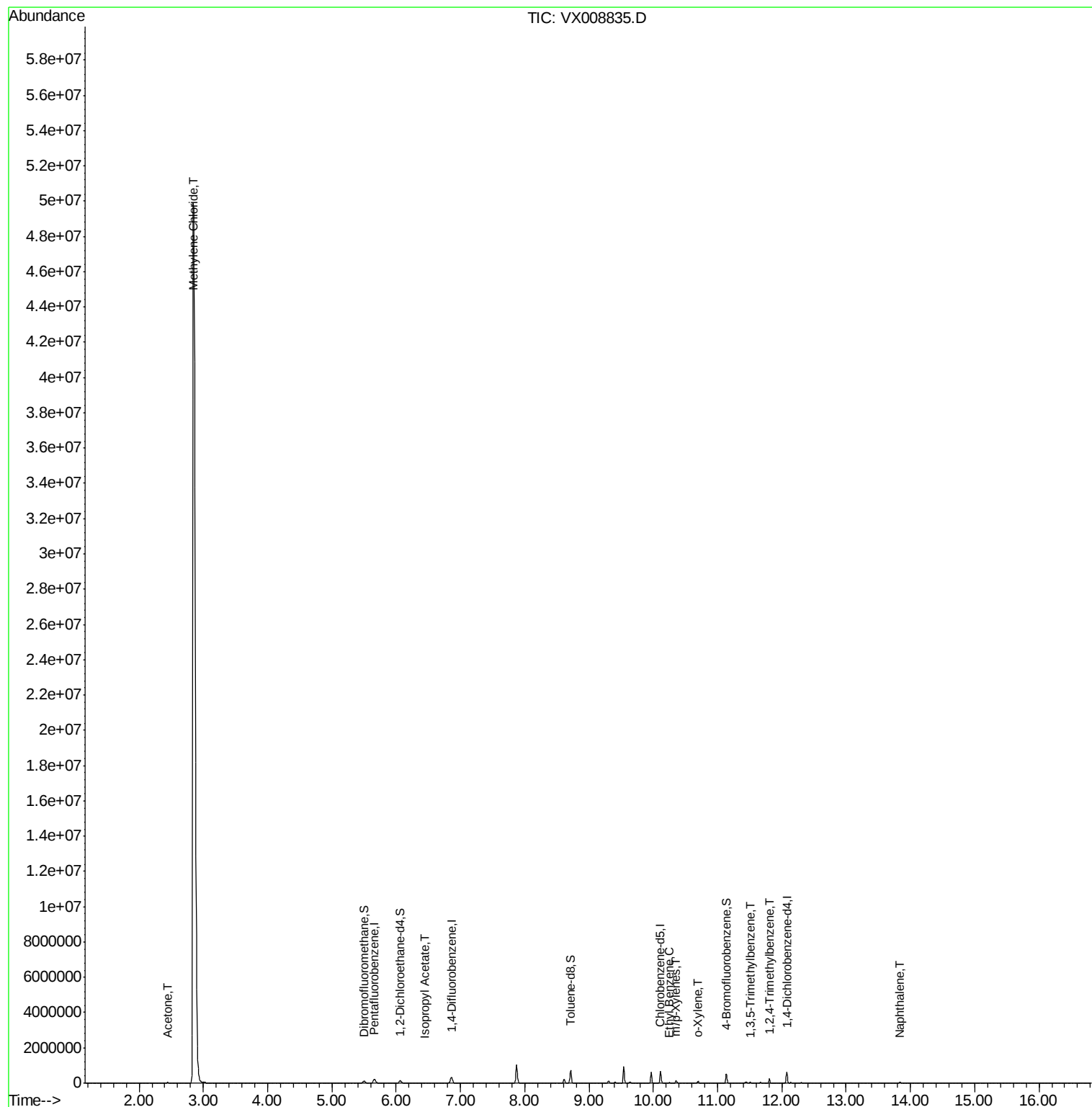
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
Data File : VX008835.D
Acq On : 11 Apr 2019 03:51
Operator : JC/SP
Sample : K2203-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

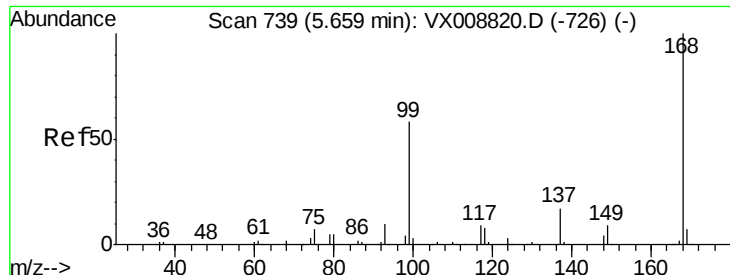
Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-B

Manual Integrations
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4/11/2019 11:48:27 AM

Quant Time: Apr 11 08:39:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

SU-04-040919-B

Tot Ion:168 Resp: 197805

Ion Ratio Lower Upper

168 100

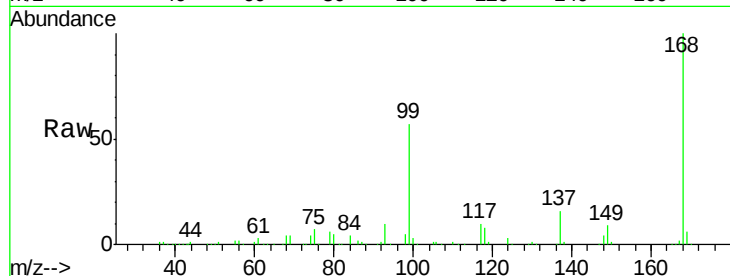
99 57.0 46.7 70.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

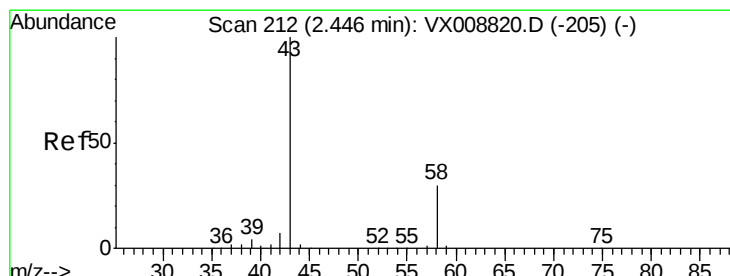
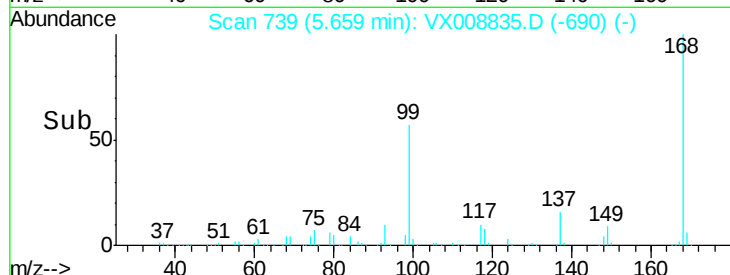
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 23.220 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008835.D

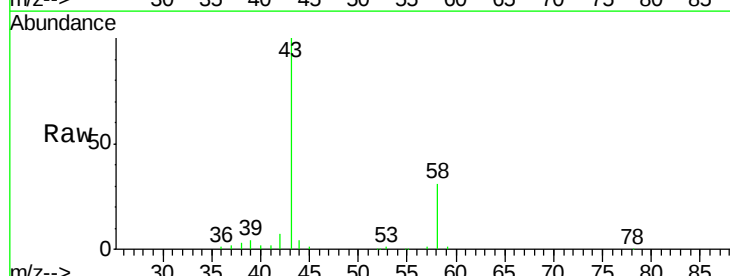
Acq: 11 Apr 2019 03:51

Tgt Ion: 43 Resp: 38586

Ion Ratio Lower Upper

43 100

58 30.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

25000

20000

15000

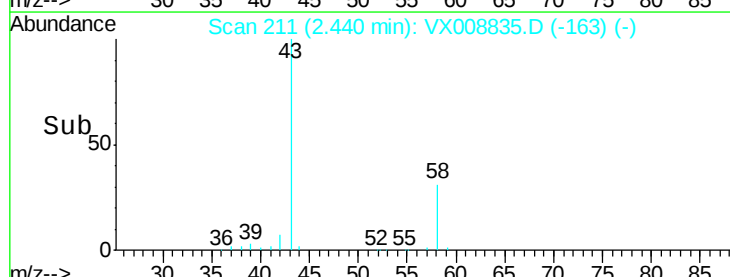
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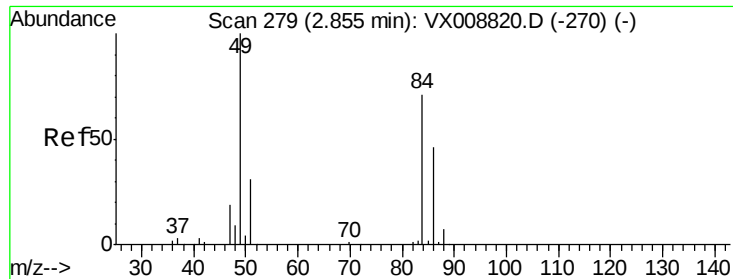
5000

0

Time-->

2.40 2.50 2.60





#20

Methylene Chloride

Concen: 9506.889 ug/l m

RT: 2.84 min Scan# 276

Delta R.T. -0.02 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

SU-04-040919-B

Tot Ion: 84 Resp: 26443824

Ion Ratio Lower Upper

84 100

49 100.0 109.7 164.5#

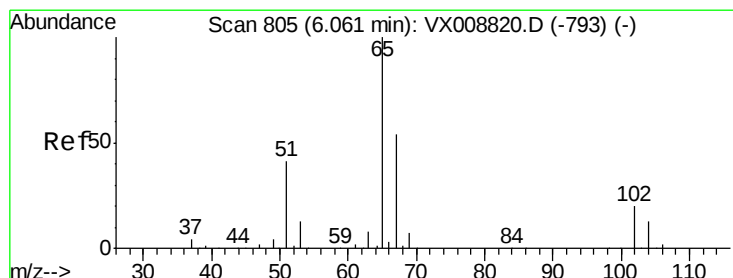
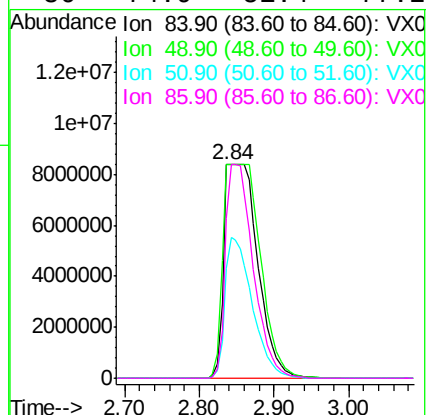
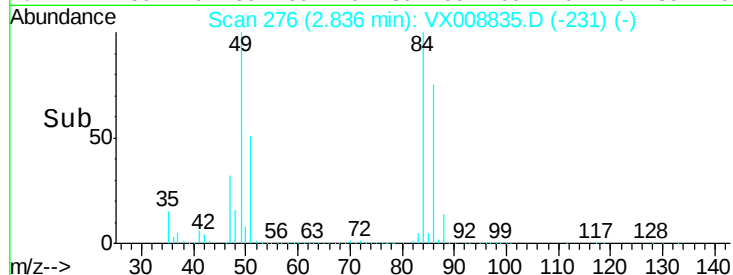
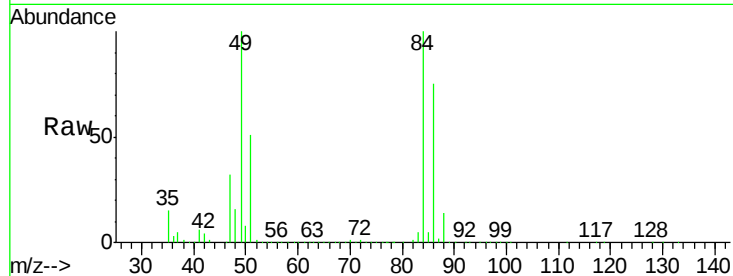
51 51.5 33.6 50.4#

86 74.9 51.4 77.2

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#33

1,2-Dichloroethane-d4

Concen: 45.581 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008835.D

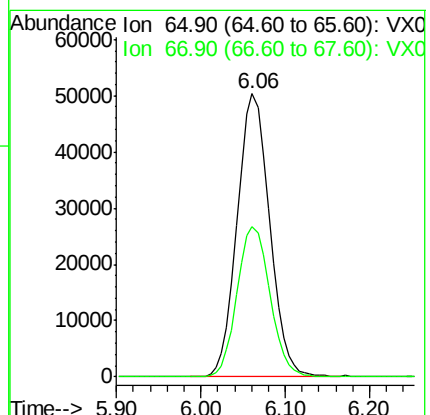
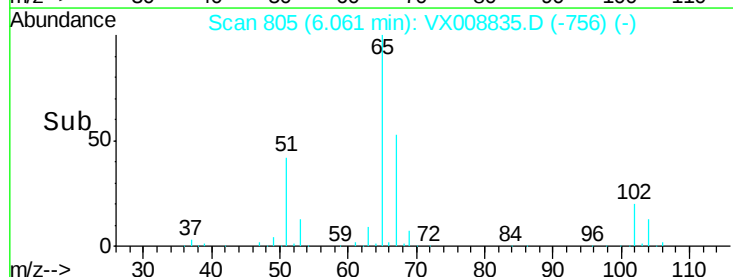
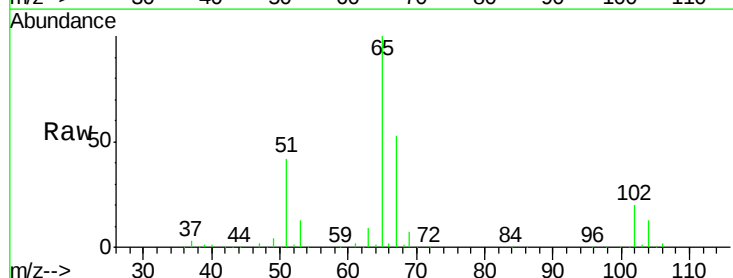
Acq: 11 Apr 2019 03:51

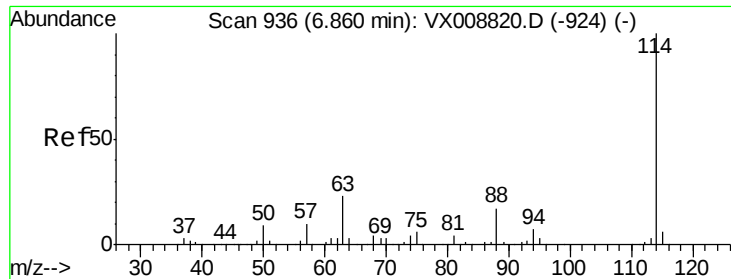
Tgt Ion: 65 Resp: 131507

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.2





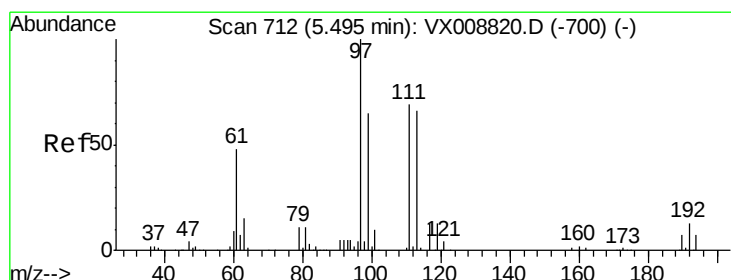
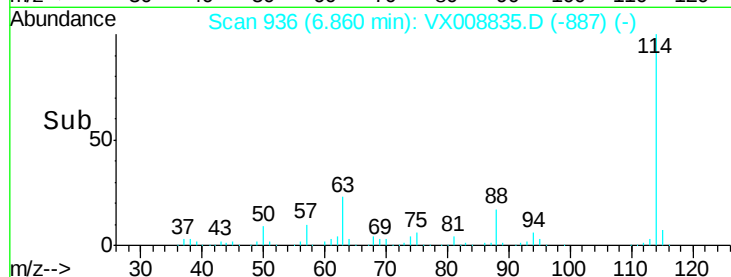
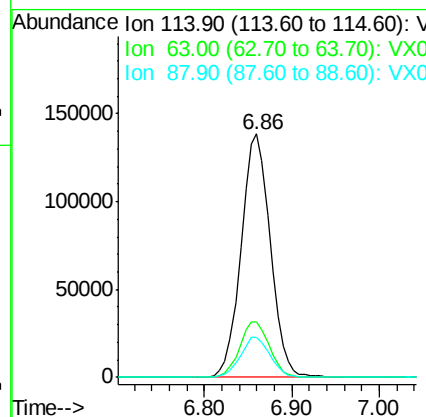
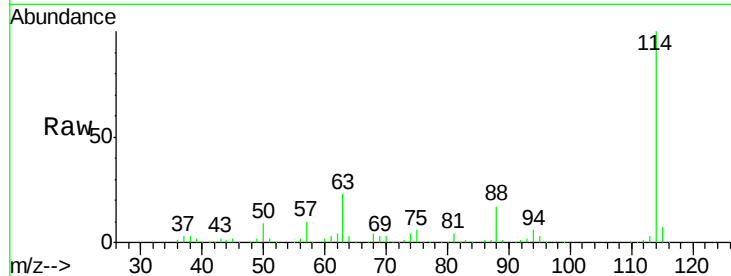
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-040919-B

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.7	0.0	47.2
88	16.7	0.0	34.0

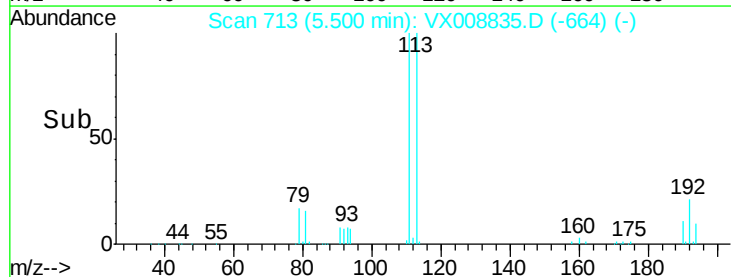
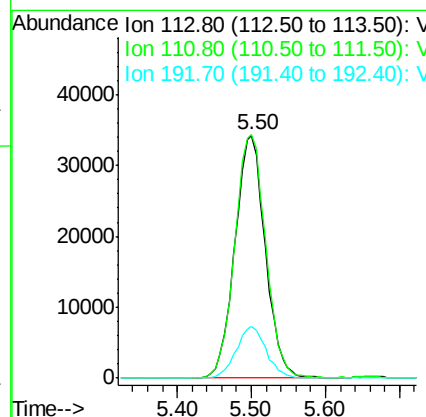
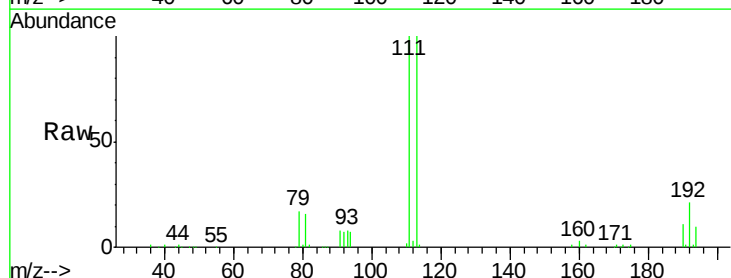
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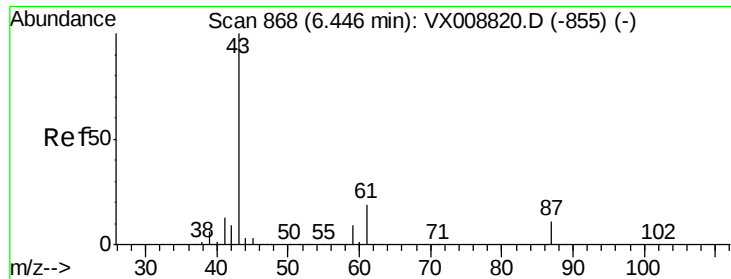
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#35
 Dibromofluoromethane
 Concen: 47.639 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.2	83.4	125.2
192	21.0	16.1	24.1





#43

Isopropyl Acetate

Concen: 1.383 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

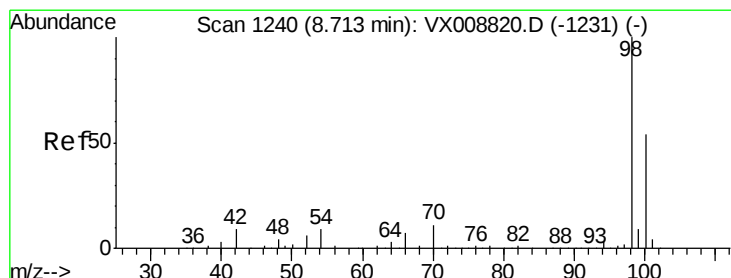
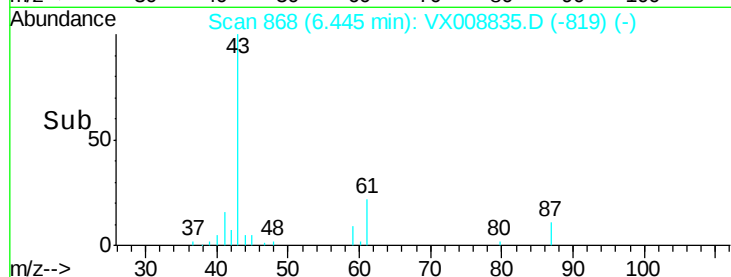
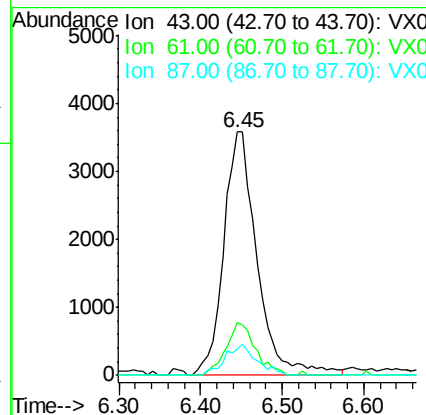
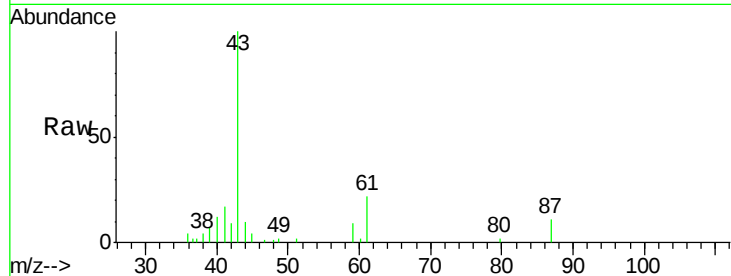
ClientSampleId :

SU-04-040919-B

Tot Ion:	43	Resp:	10155
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.3	22.9
87	12.0	9.0	13.6

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#50

Toluene-d8

Concen: 50.224 ug/l

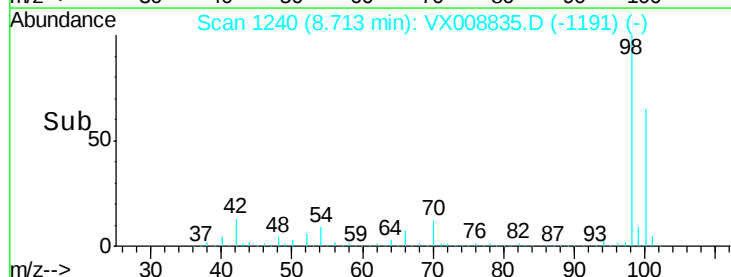
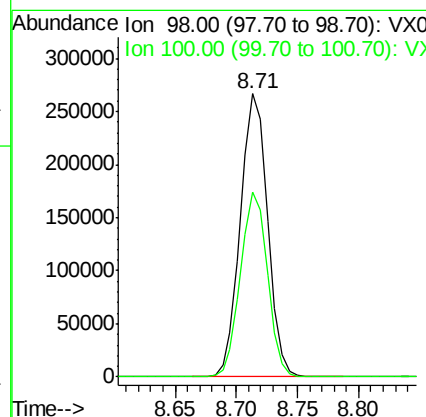
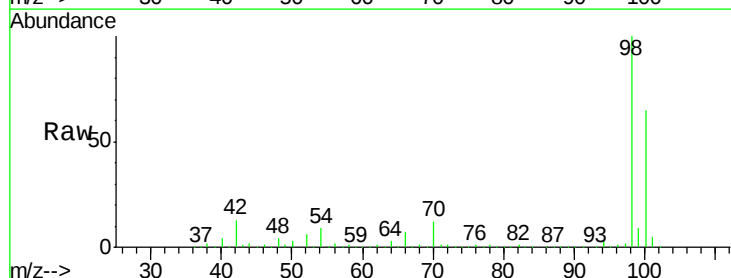
RT: 8.71 min Scan# 1240

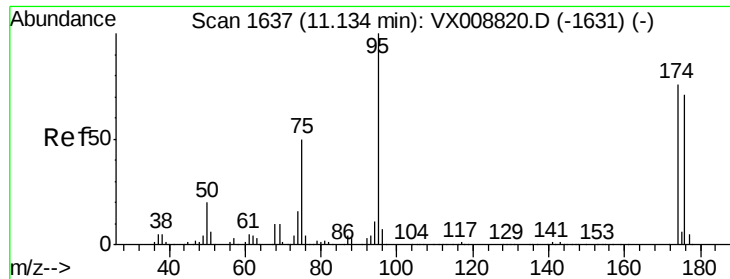
Delta R.T. -0.00 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Tgt Ion:	98	Resp:	410673
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.0





#62

4-Bromofluorobenzene

Concen: 49.162 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Instrument :

MSVOA_X

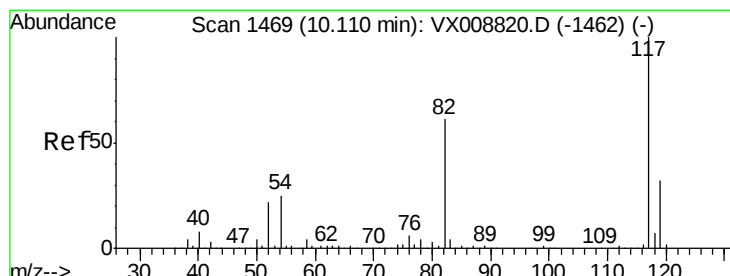
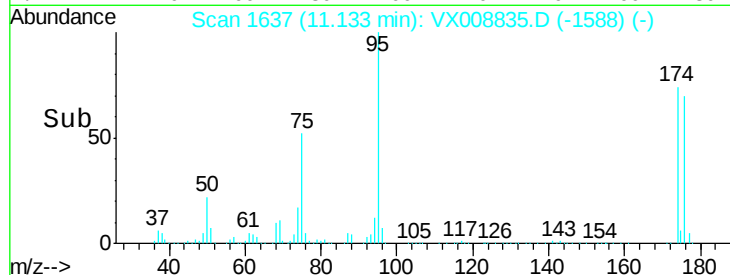
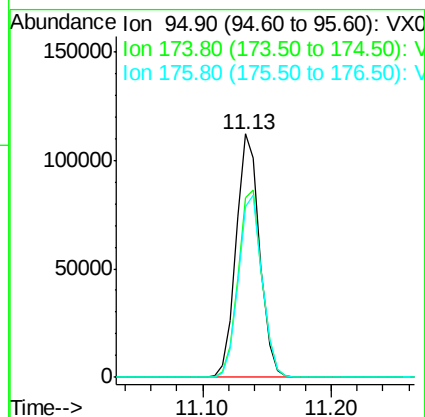
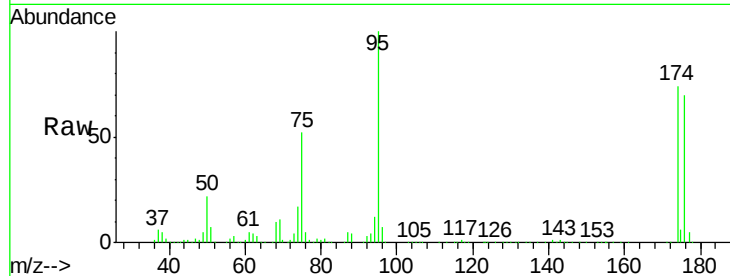
ClientSampleId :

SU-04-040919-B

Tot Ion:	95	Resp:	142552
Ion Ratio	Lower	Upper	
95	100		
174	77.9	0.0	151.8
176	75.6	0.0	145.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

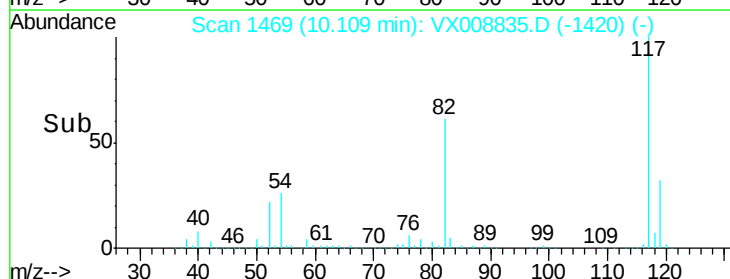
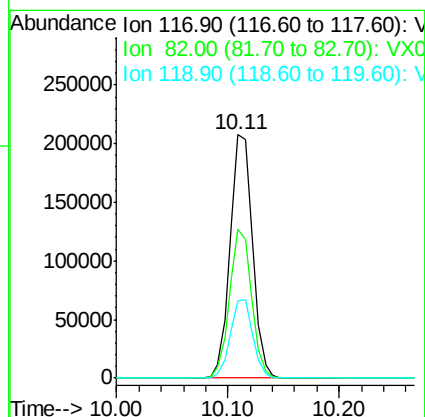
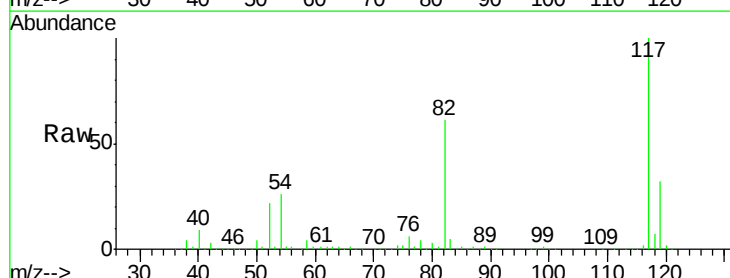
RT: 10.11 min Scan# 1469

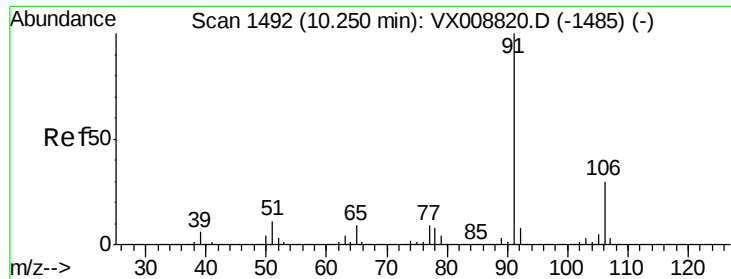
Delta R.T. -0.00 min

Lab File: VX008835.D

Acq: 11 Apr 2019 03:51

Tgt Ion:	117	Resp:	290053
Ion Ratio	Lower	Upper	
117	100		
82	61.2	49.6	74.4
119	31.7	25.0	37.4





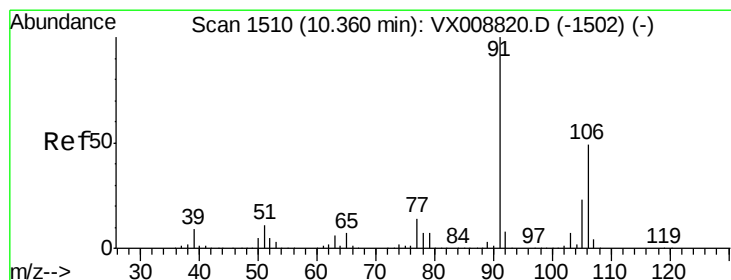
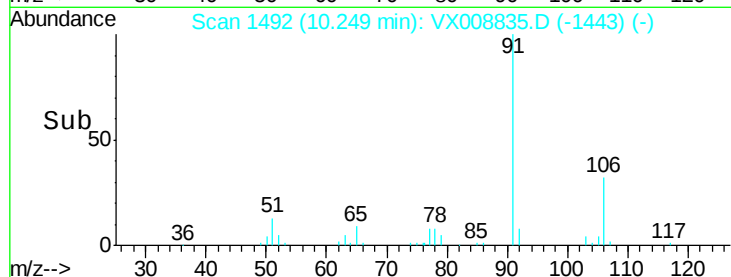
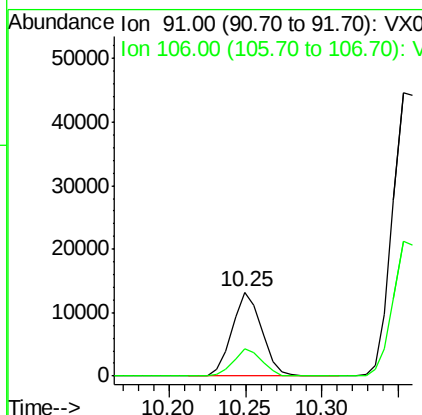
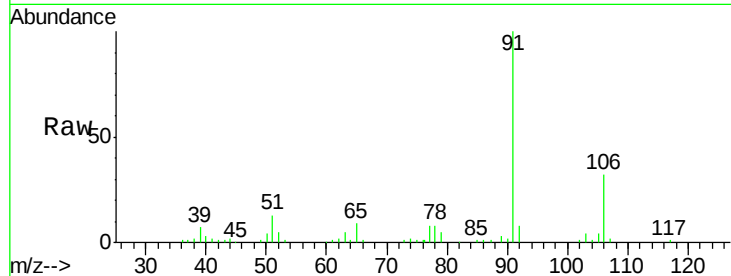
#67
Ethyl Benzene
Concen: 1.476 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008835.D
Acq: 11 Apr 2019 03:51

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-B

Tot Ion: 91 Resp: 17699
Ion Ratio Lower Upper
91 100
106 31.9 23.7 35.5

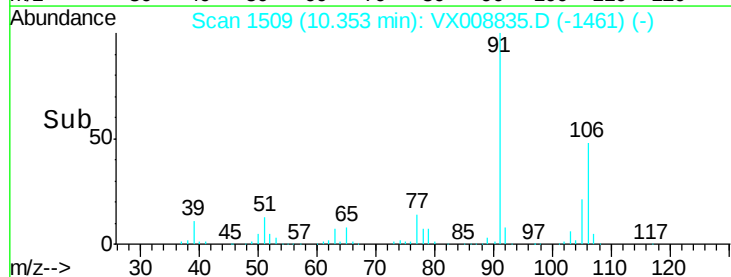
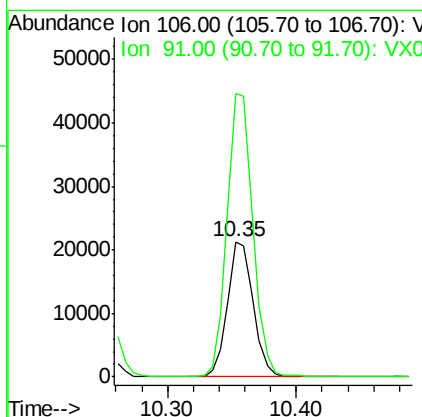
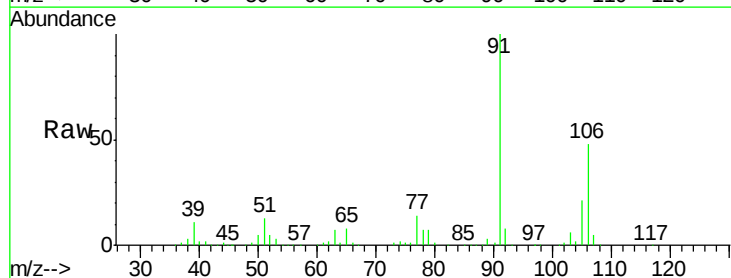
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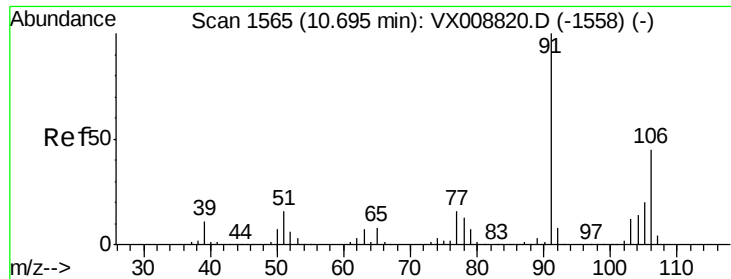
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#68
m/p-Xylenes
Concen: 6.967 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008835.D
Acq: 11 Apr 2019 03:51

Tgt Ion: 106 Resp: 30032
Ion Ratio Lower Upper
106 100
91 210.4 168.5 252.7





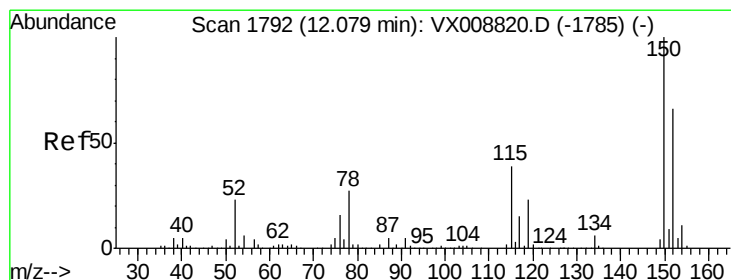
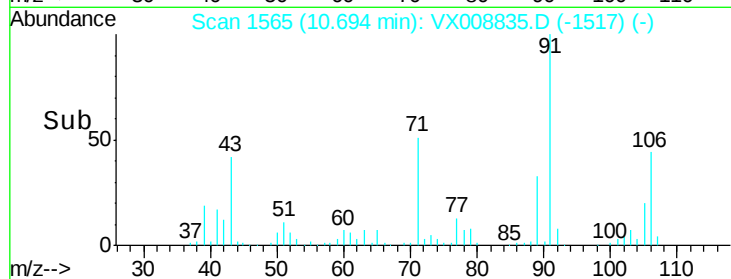
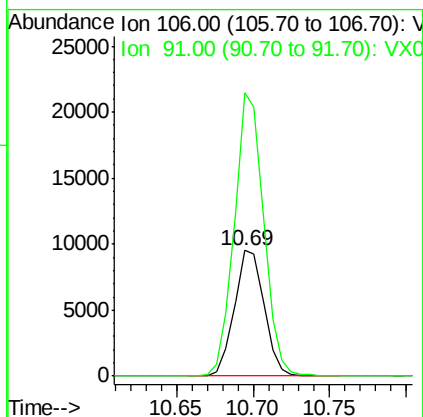
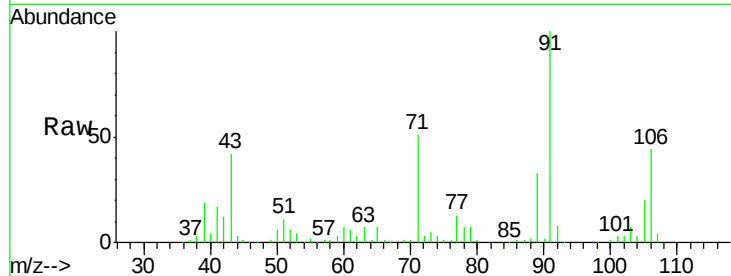
#69
o-Xylene
Concen: 3.097 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008835.D
Acq: 11 Apr 2019 03:51

Instrument :
MSVOA_X
ClientSampleID :
SU-04-040919-B

Tot Ion:106 Resp: 12939
Ion Ratio Lower Upper
106 100
91 220.9 111.5 334.4

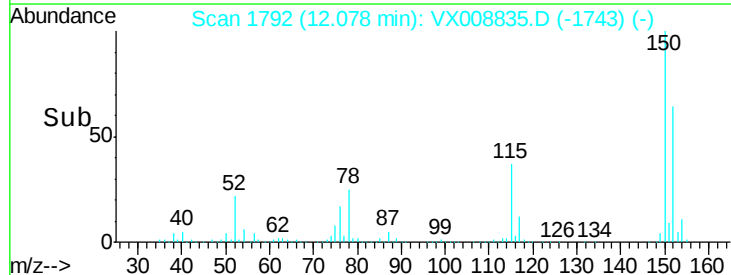
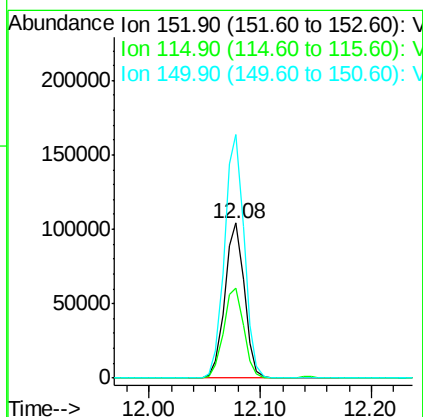
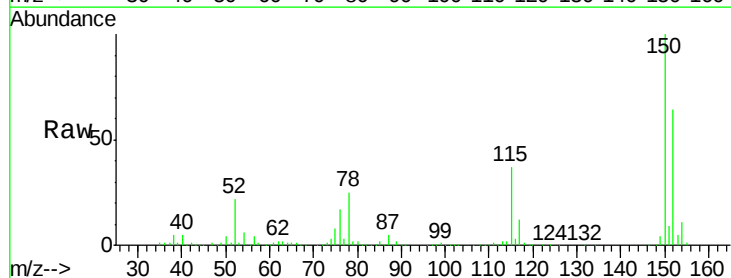
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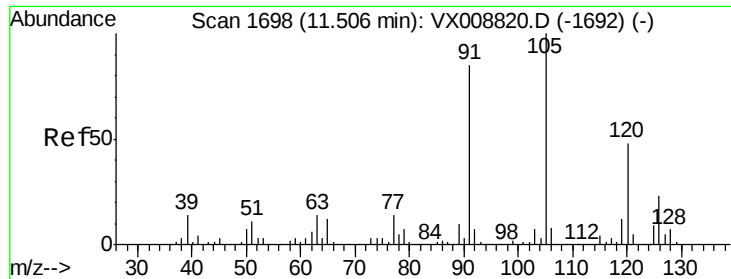
MMDadoda
4/11/2019 11:48:27 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008835.D
Acq: 11 Apr 2019 03:51

Tgt Ion:152 Resp: 126479
Ion Ratio Lower Upper
152 100
115 59.5 43.5 130.5
150 158.0 0.0 348.8





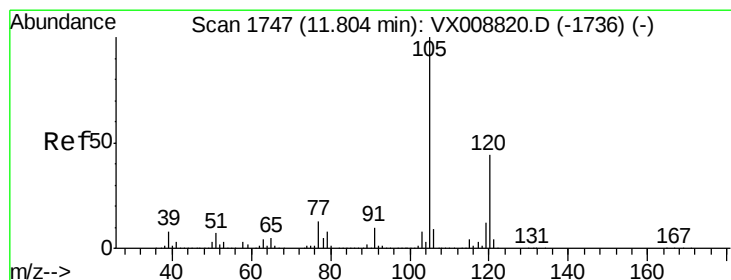
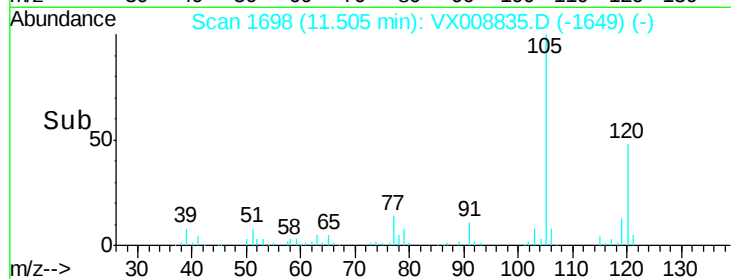
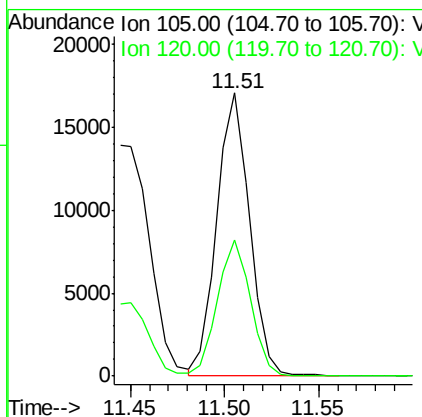
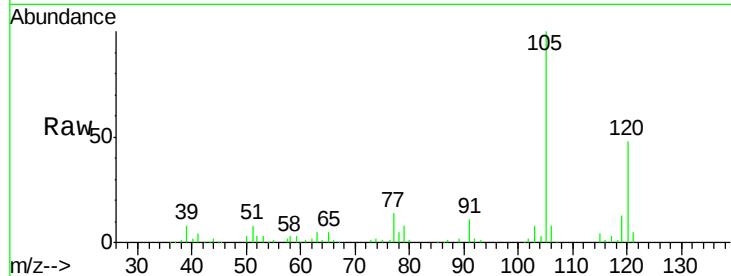
#80
 1,3,5-Trimethylbenzene
 Concen: 2.350 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Instrument :
 MSVOA_X
 ClientSampled :
 SU-04-040919-B

Tot Ion:105 Resp: 20676
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.5 70.6

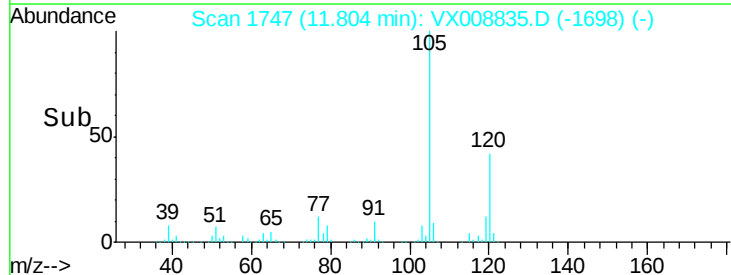
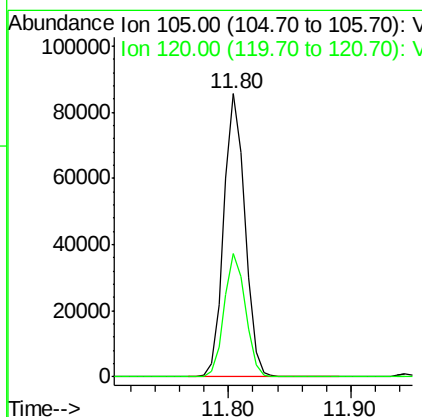
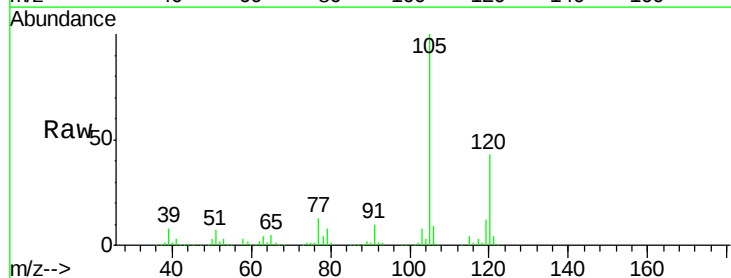
Manual Integrations
 APPROVED

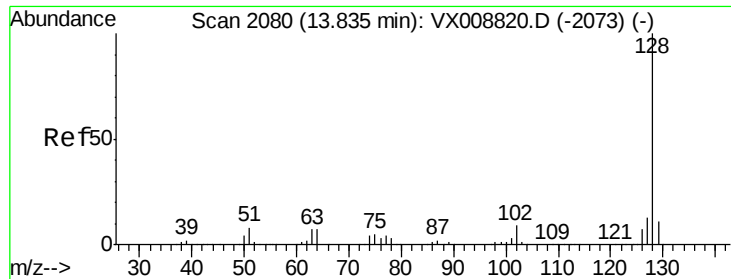
MMDadoda
 4/11/2019 11:48:27 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 11.520 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008835.D
 Acq: 11 Apr 2019 03:51

Tgt Ion:105 Resp: 102631
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.8 65.3





#95
Naphthalene
Concen: 2.977 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008835.D
Acq: 11 Apr 2019 03:51

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:48:27 AM

