

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011536.D
 Acq On : 13 Aug 2019 15:17
 Operator : JC/SP
 Sample : K4279-05DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0668DL

Manual Integrations
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MMDadoda
 8/14/2019 11:31:55 AM

Quant Time: Aug 14 02:09:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	205781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	138682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113378	54.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.42%	
35) Dibromofluoromethane	5.49	113	92888	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
50) Toluene-d8	8.71	98	359412	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
62) 4-Bromofluorobenzene	11.13	95	127806	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	34413	12.895	ug/l	95
39) Methylcyclohexane	7.46	83	13430	4.232	ug/l	91
40) Benzene	6.14	78	10038	1.256	ug/l #	89
67) Ethyl Benzene	10.25	91	282979	28.379	ug/l	100
68) m/p-Xylenes	10.36	106	6583	1.707	ug/l	89
73) Isopropylbenzene	11.02	105	28261	2.980	ug/l	99
78) n-propylbenzene	11.36	91	34872	3.306	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	188634	23.862	ug/l	99
85) sec-Butylbenzene	11.94	105	3342m	0.357	ug/l	
95) Naphthalene	13.83	128	94023	10.383	ug/l	100

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

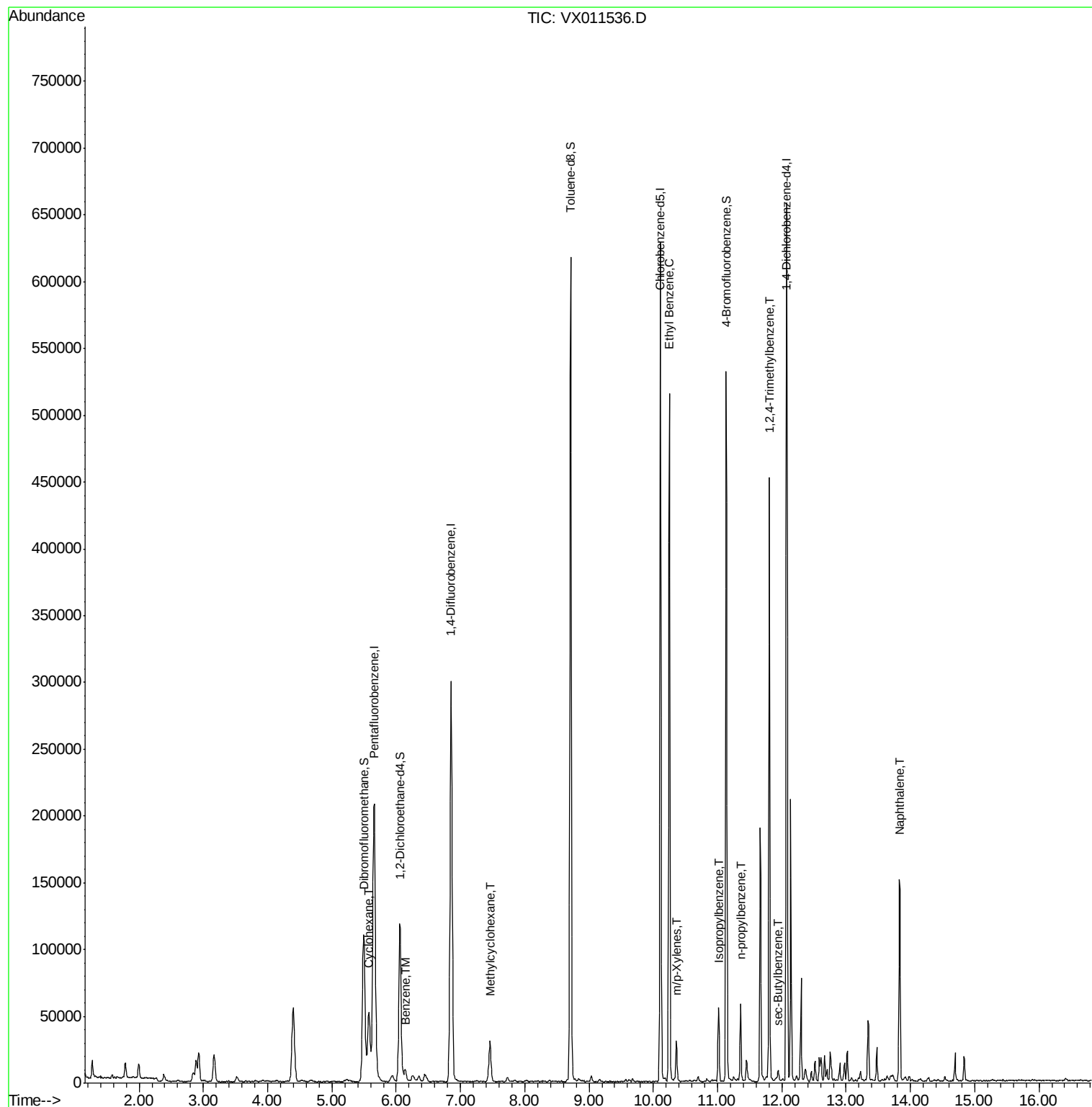
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081319\
Data File : VX011536.D
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ALS Vial : 14 Sample Multiplier: 1

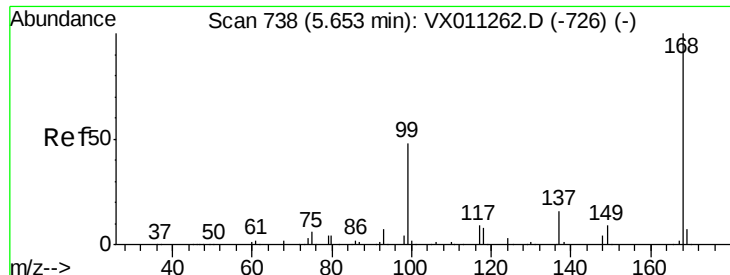
Instrument :
MSVOA_X
ClientSampleId :
Z3-0668DL

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Quant Time: Aug 14 02:09:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011536.D

Acq: 13 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

Z3-0668DL

Tot Ion:168 Resp: 205781

Ion Ratio Lower Upper

168 100

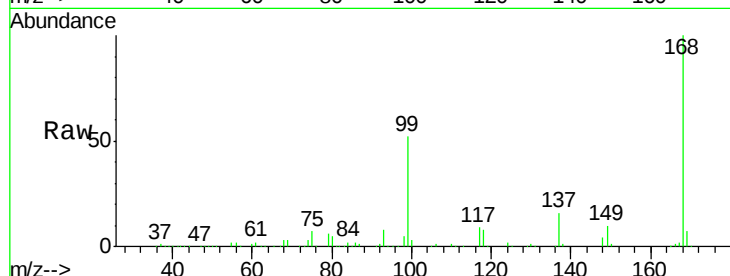
99 51.7 38.5 57.7

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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

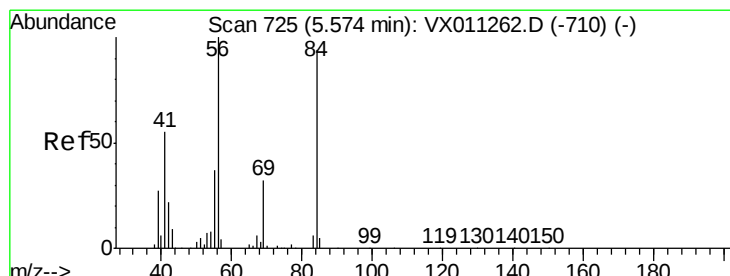
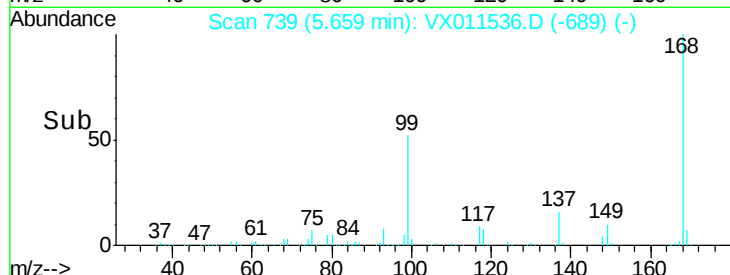
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 12.895 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011536.D

Acq: 13 Aug 2019 15:17

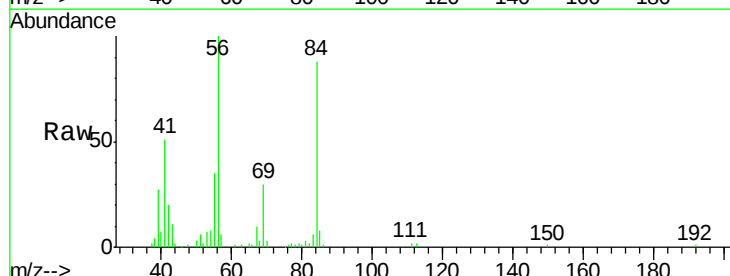
Tgt Ion: 56 Resp: 34413

Ion Ratio Lower Upper

56 100

69 30.0 25.5 38.3

84 87.9 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

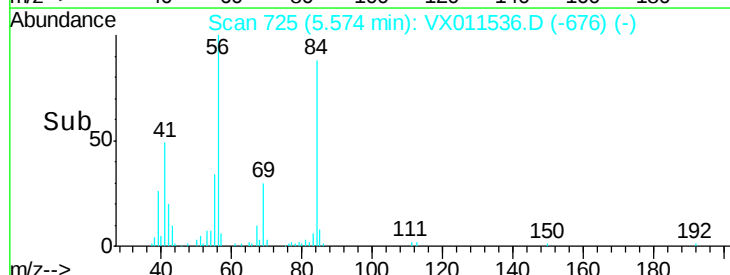
15000

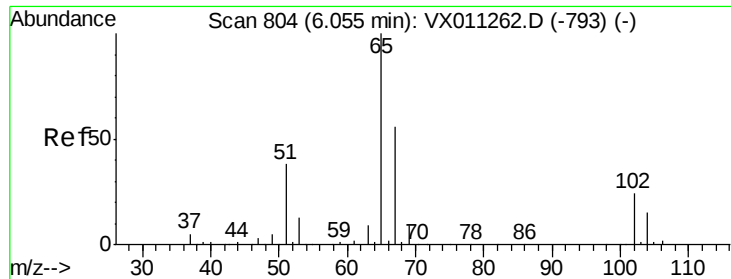
10000

5000

0

Time--> 5.45 5.50 5.55 5.60 5.65





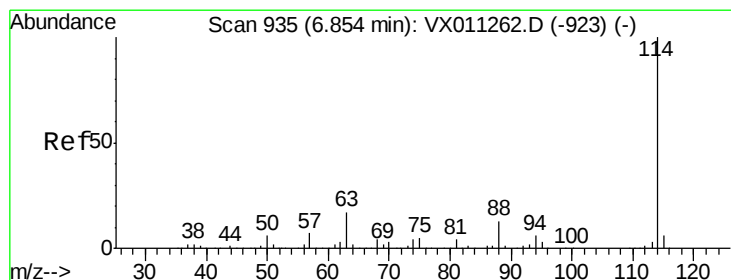
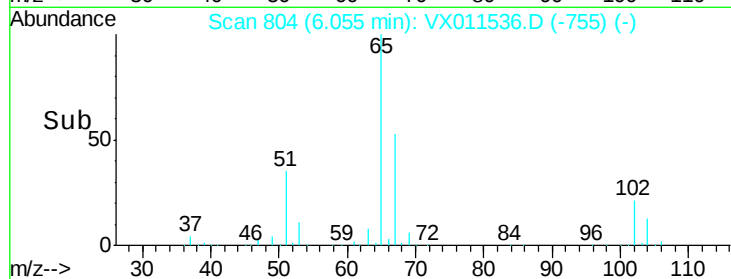
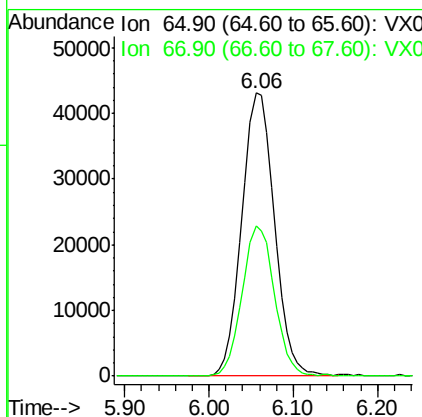
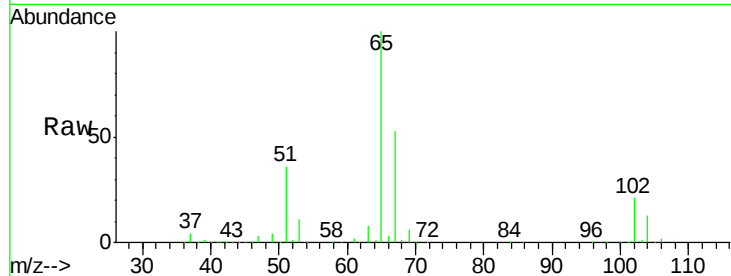
#33
 1,2-Dichloroethane-d4
 Concen: 54.711 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011536.D
 Acq: 13 Aug 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleID :
 Z3-0668DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	113378		
67	52.3	0.0	110.6	

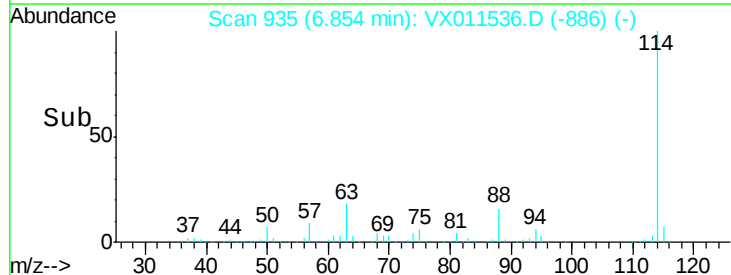
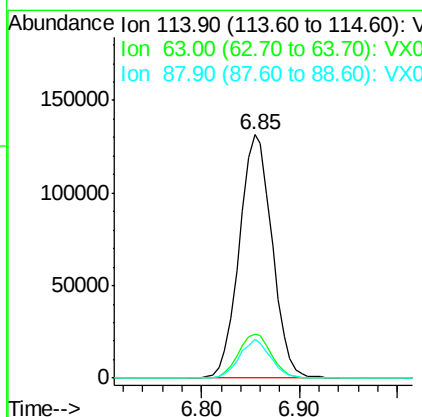
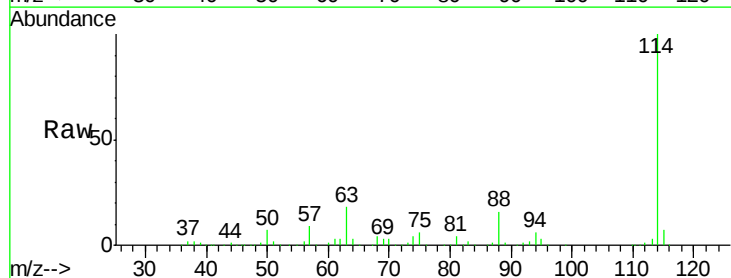
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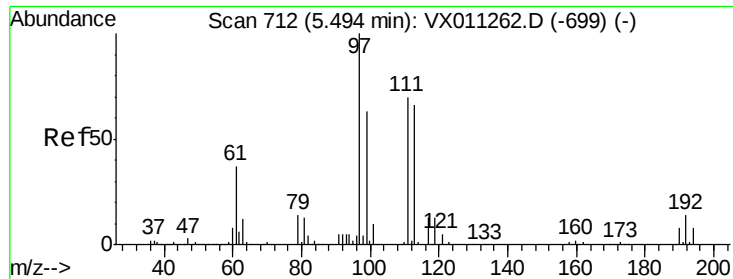
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011536.D
 Acq: 13 Aug 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	306641		
63	18.1	0.0	34.0	
88	16.2	0.0	26.4	





#35

Dibromofluoromethane

Concen: 46.398 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011536.D

Acq: 13 Aug 2019 15:17

Instrument :

MSVOA_X

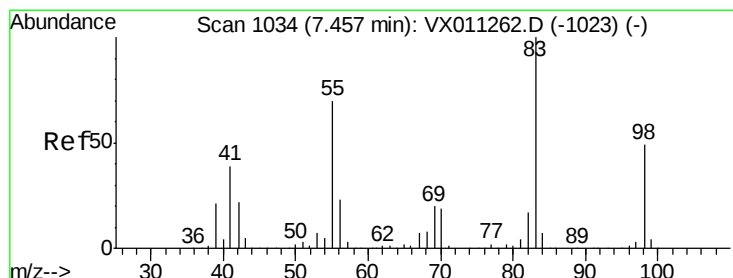
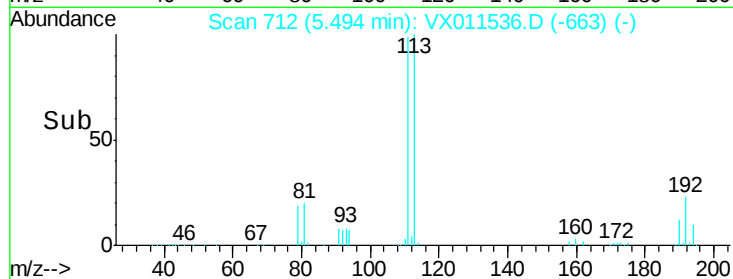
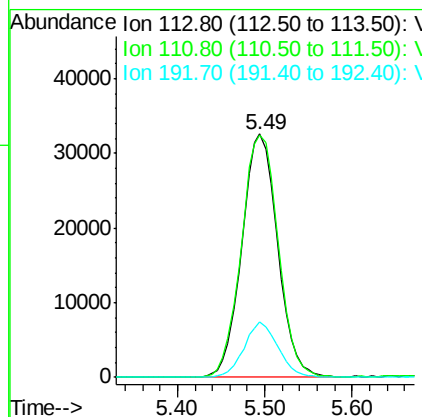
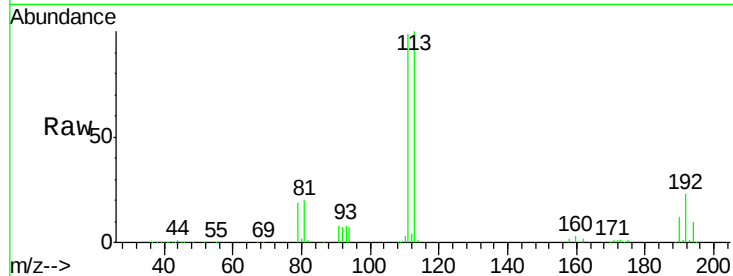
ClientSampleId :

Z3-0668DL

Tot Ion:	113	Resp:	92888
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	21.6	17.8	26.8

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#39

Methylcyclohexane

Concen: 4.232 ug/l

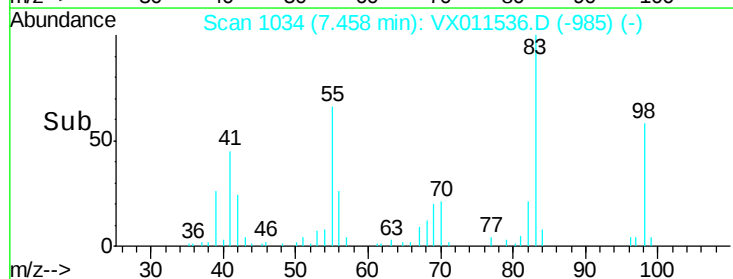
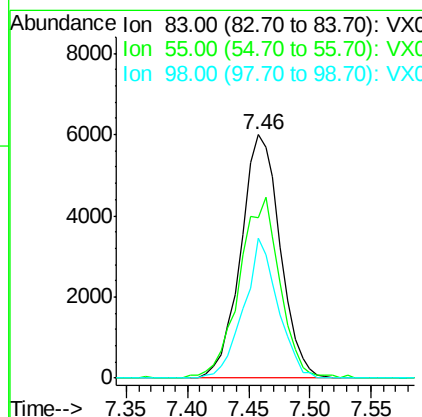
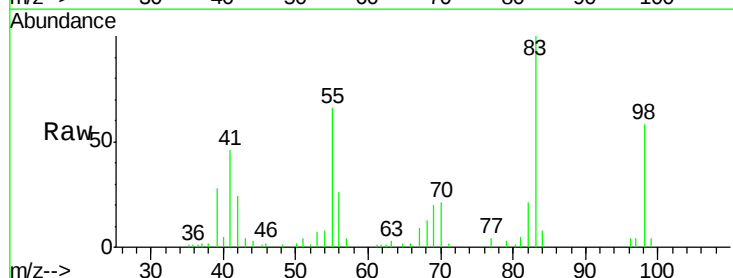
RT: 7.46 min Scan# 1034

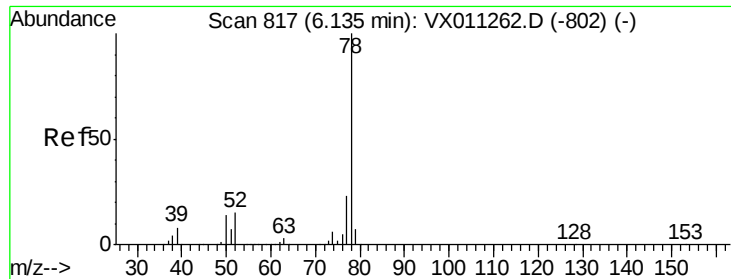
Delta R.T. 0.00 min

Lab File: VX011536.D

Acq: 13 Aug 2019 15:17

Tgt Ion:	83	Resp:	13430
Ion	Ratio	Lower	Upper
83	100		
55	65.7	56.1	84.1
98	57.6	39.0	58.4





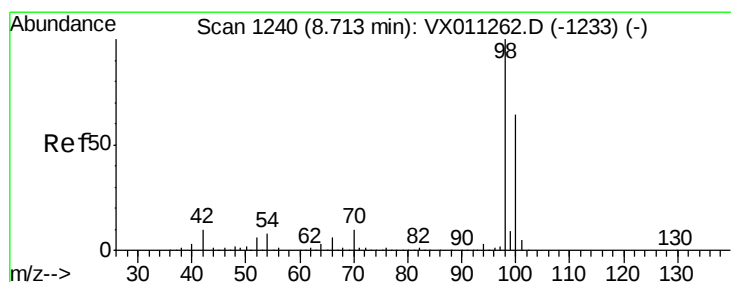
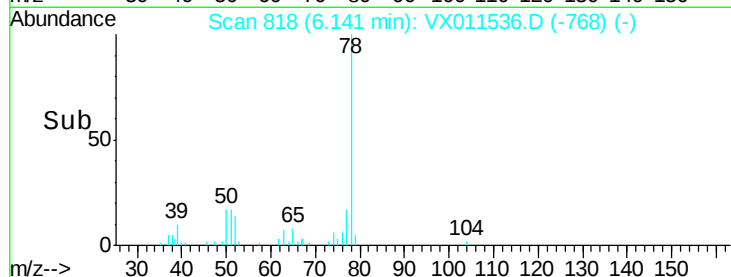
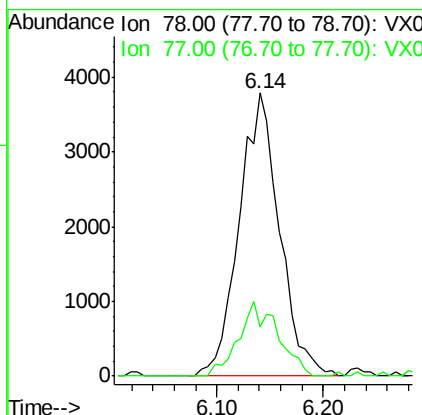
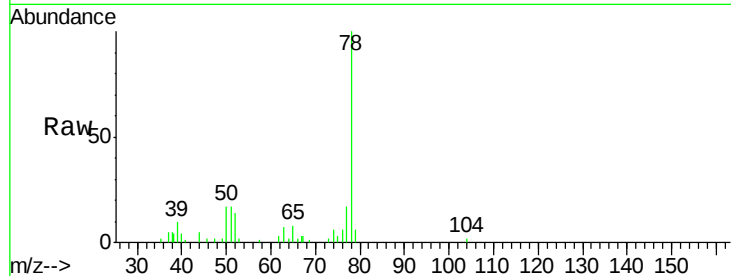
#40
Benzene
Concen: 1.256 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011536.D
Acq: 13 Aug 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
Z3-0668DL

Tot Ion	Ratio	Lower	Upper
78	100		
77	17.5	18.2	27.2#

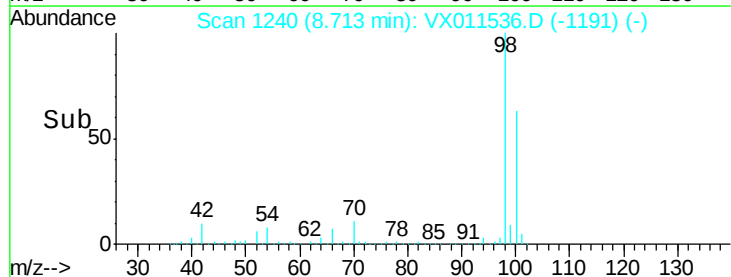
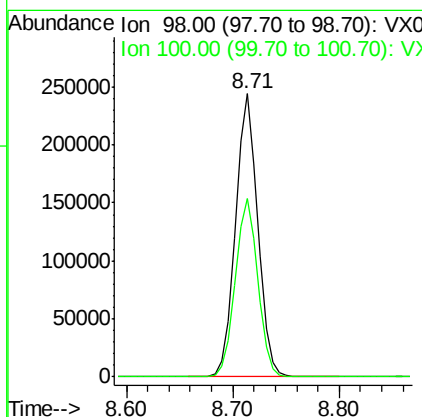
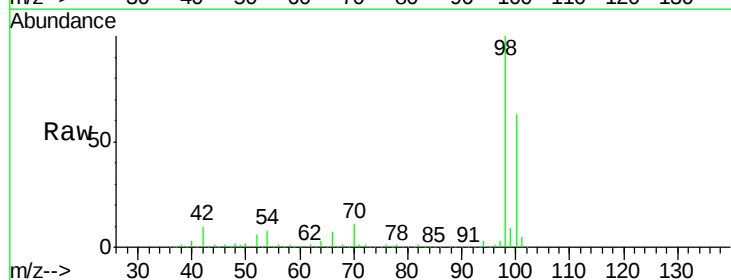
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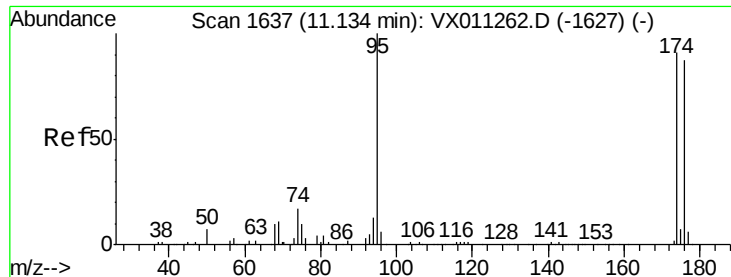
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#50
Toluene-d8
Concen: 47.561 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011536.D
Acq: 13 Aug 2019 15:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.7	77.5





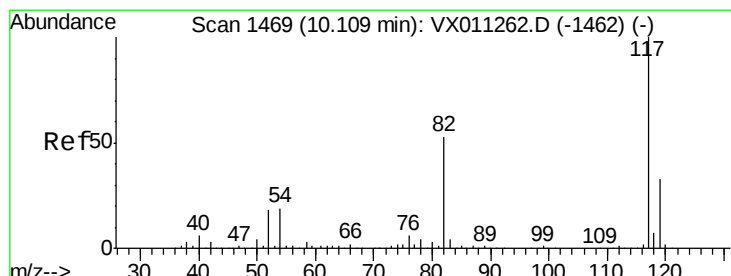
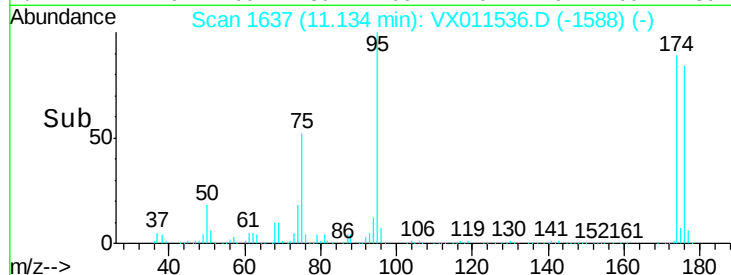
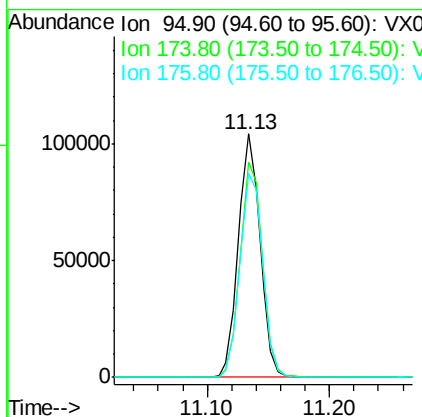
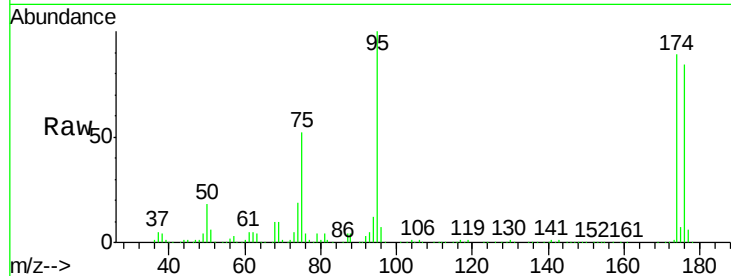
#62
4-Bromofluorobenzene
Concen: 47.370 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011536.D
Acq: 13 Aug 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
Z3-0668DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	127806		
174	90.5	0.0	191.2	
176	87.4	0.0	184.8	

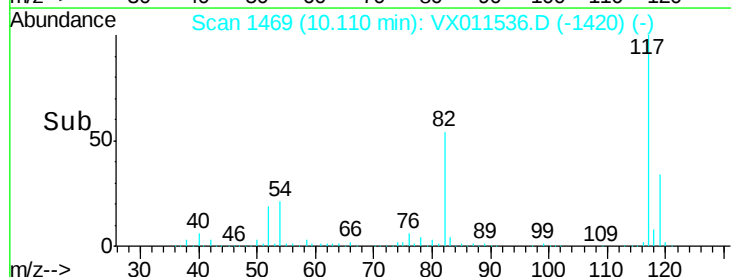
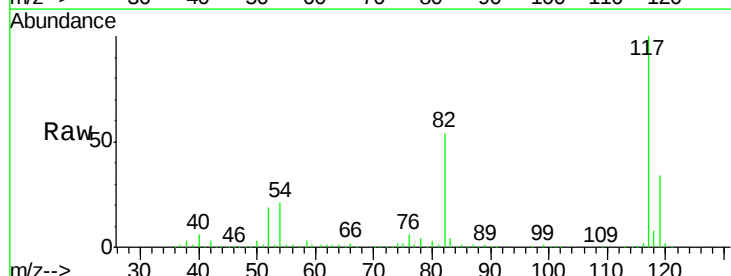
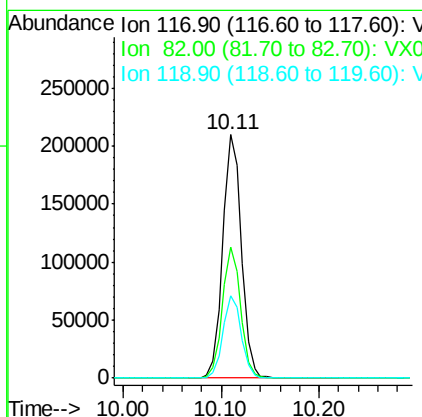
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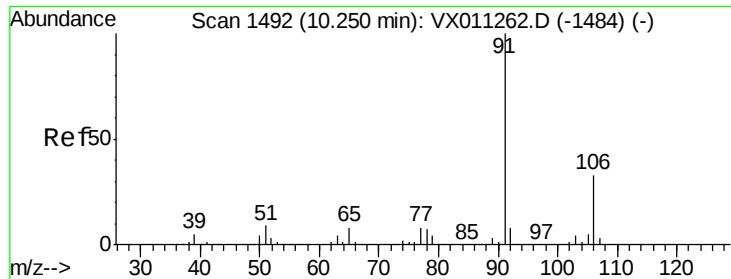
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011536.D
Acq: 13 Aug 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	277689		
82	54.0	42.2	63.2	
119	33.8	26.6	39.8	





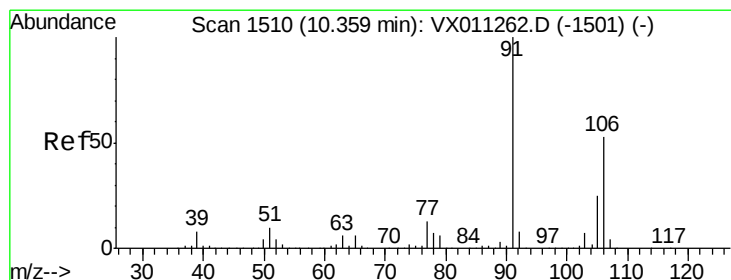
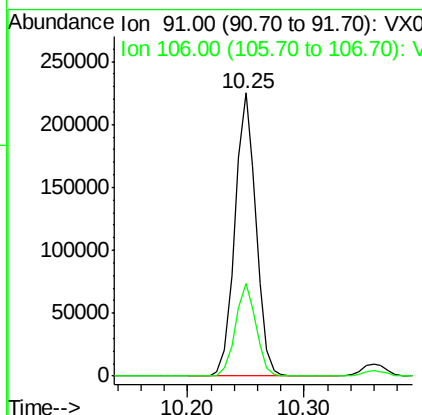
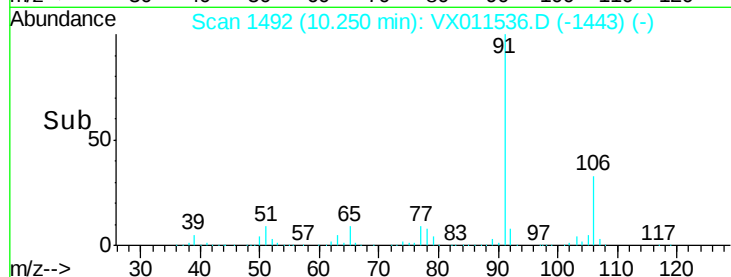
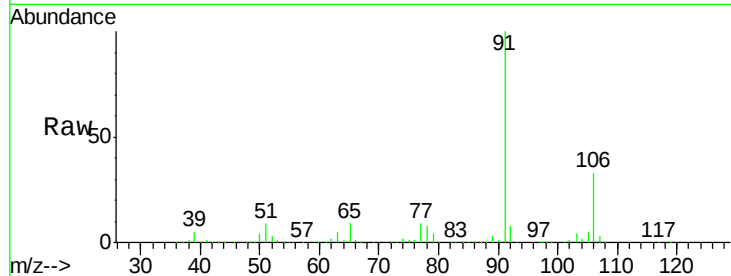
#67
Ethyl Benzene
Concen: 28.379 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011536.D
Acq: 13 Aug 2019 15:17

Instrument :
MSVOA_X
ClientSampled :
Z3-0668DL

Tot Ion: 91 Resp: 282979
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.4

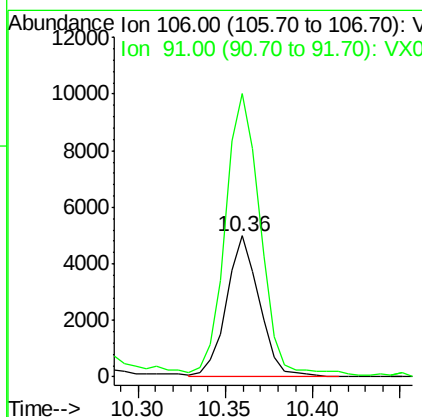
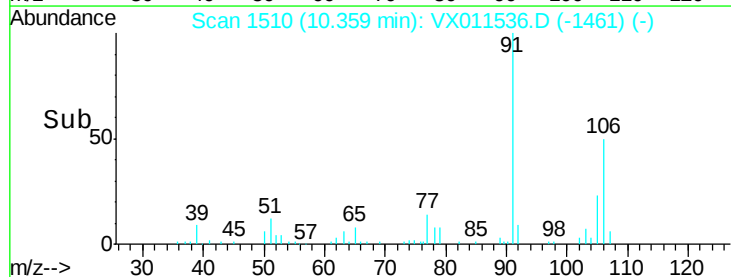
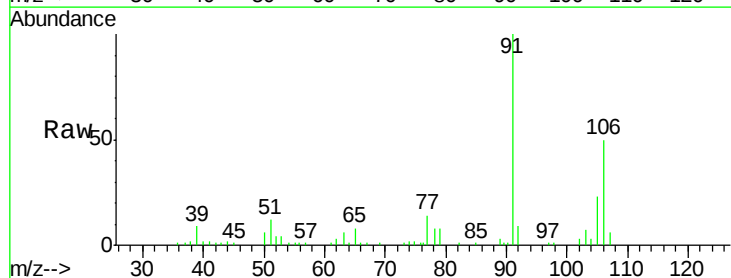
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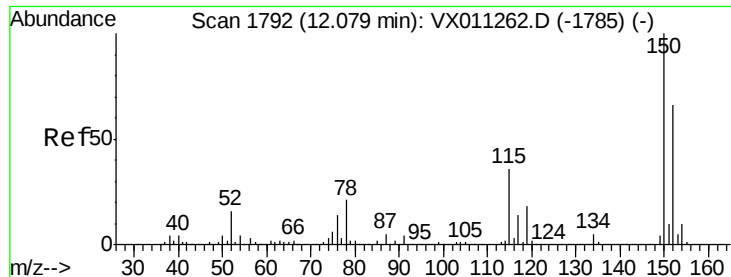
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#68
m/p-Xylenes
Concen: 1.707 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011536.D
Acq: 13 Aug 2019 15:17

Tgt Ion: 106 Resp: 6583
Ion Ratio Lower Upper
106 100
91 211.1 155.9 233.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011536.D

Acq: 13 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

Z3-0668DL

Tot Ion:152 Resp: 138682

Ion Ratio Lower Upper

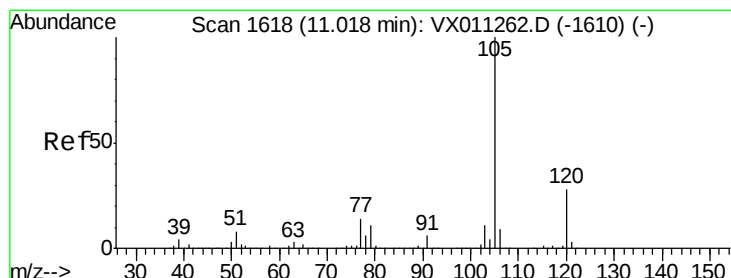
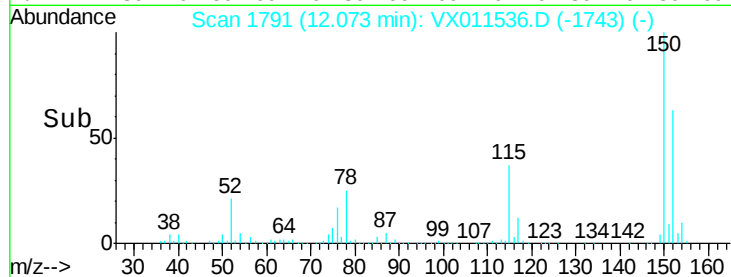
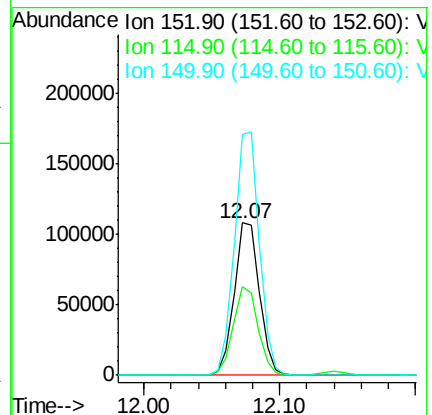
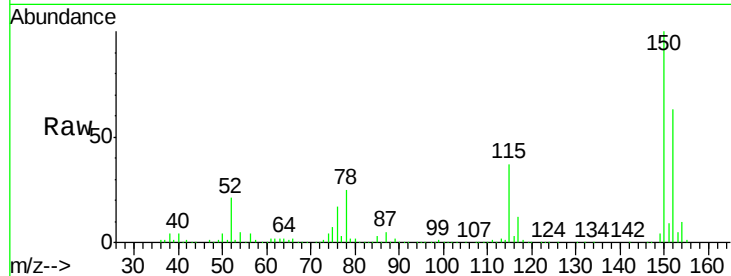
152 100

115 57.3 40.0 119.9

150 158.9 0.0 350.4

Manual Integrations
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8/14/2019 11:31:55 AM



#73

Isopropylbenzene

Concen: 2.980 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011536.D

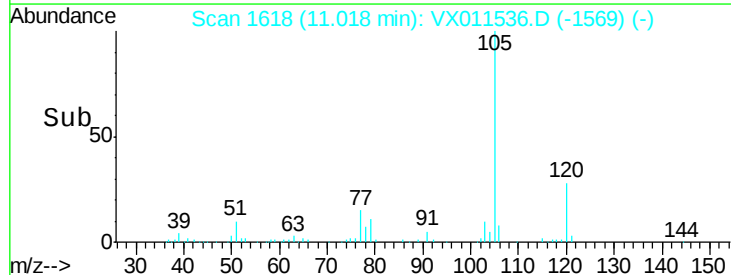
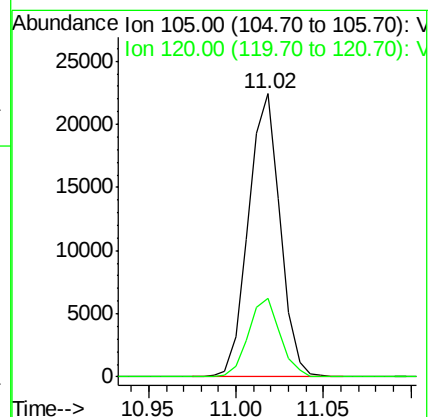
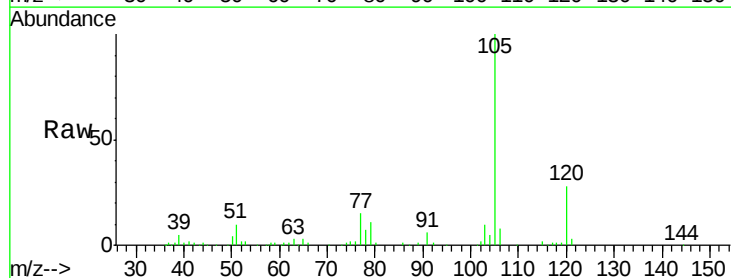
Acq: 13 Aug 2019 15:17

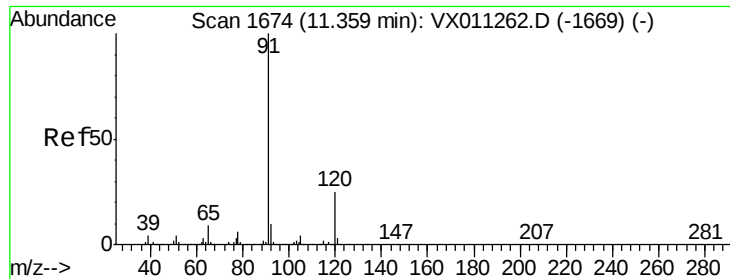
Tgt Ion:105 Resp: 28261

Ion Ratio Lower Upper

105 100

120 28.0 13.7 41.1





#78

n-propylbenzene

Concen: 3.306 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011536.D

Acq: 13 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

Z3-0668DL

Tot Ion: 91 Resp: 34872

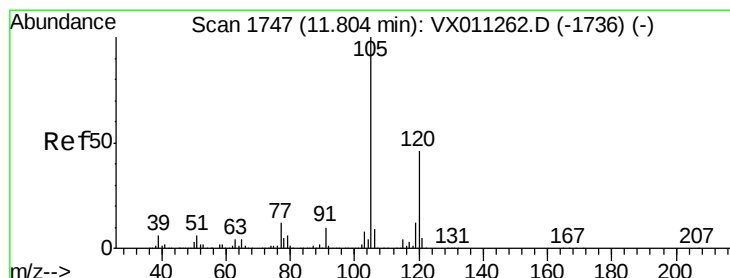
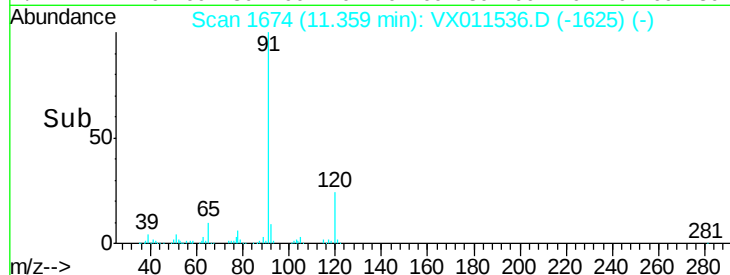
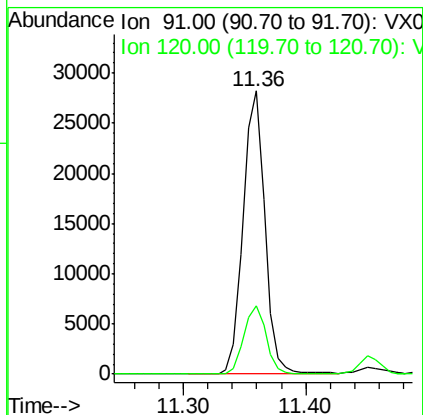
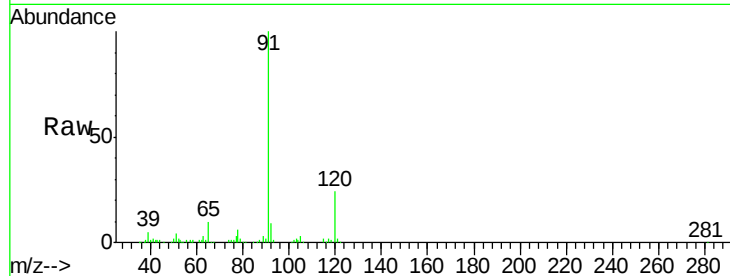
Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.0

Manual Integrations
APPROVED

MMDadoda
8/14/2019 11:31:55 AM



#84

1,2,4-Trimethylbenzene

Concen: 23.862 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011536.D

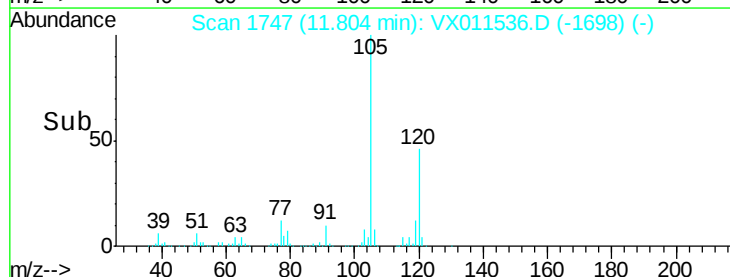
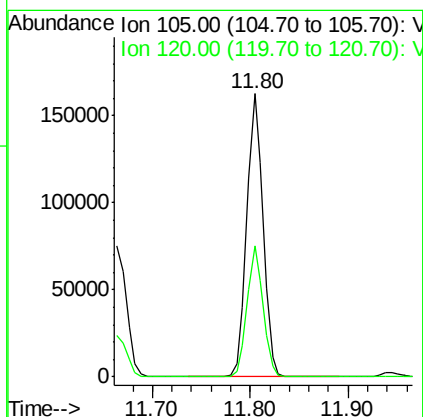
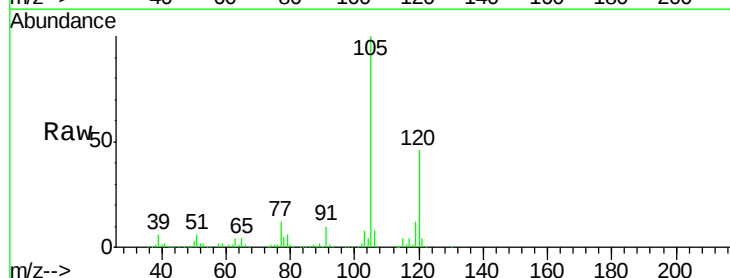
Acq: 13 Aug 2019 15:17

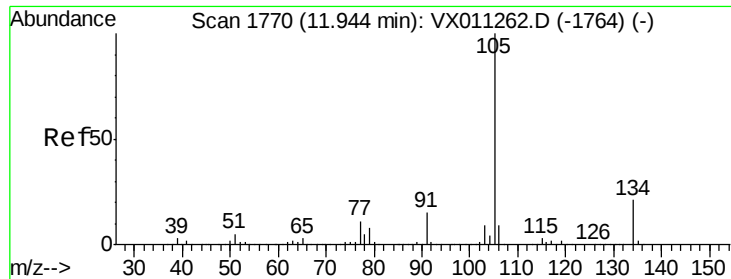
Tgt Ion: 105 Resp: 188634

Ion Ratio Lower Upper

105 100

120 45.4 23.0 69.0





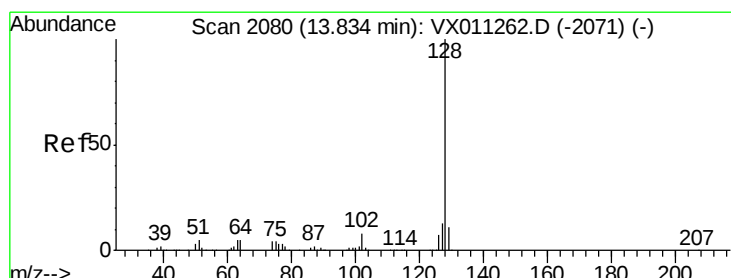
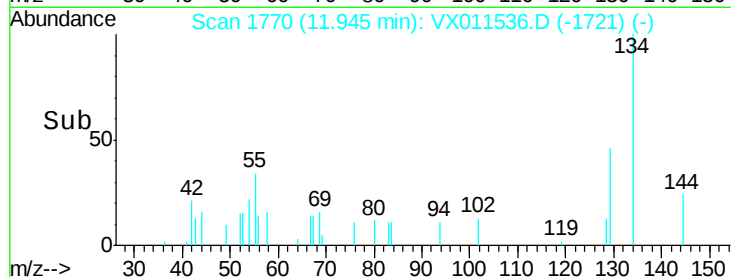
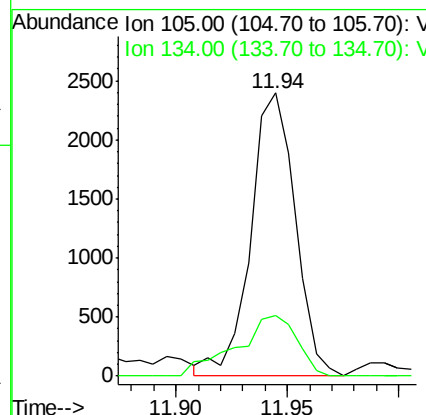
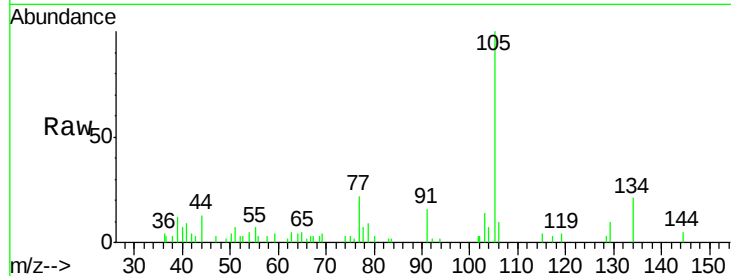
#85
 sec-Butylbenzene
 Concen: 0.357 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011536.D
 Acq: 13 Aug 2019 15:17

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0668DL

Tot Ion:105 Resp: 3342
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.4#

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 11:31:55 AM



#95
 Naphthalene
 Concen: 10.383 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX011536.D
 Acq: 13 Aug 2019 15:17

Tgt Ion:128 Resp: 94023
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 11.1 8.9 13.3

