

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013713.D
 Acq On : 29 Nov 2019 19:53
 Operator : JC/SP
 Sample : K5965-01DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0187DL

Quant Time: Dec 02 07:28:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

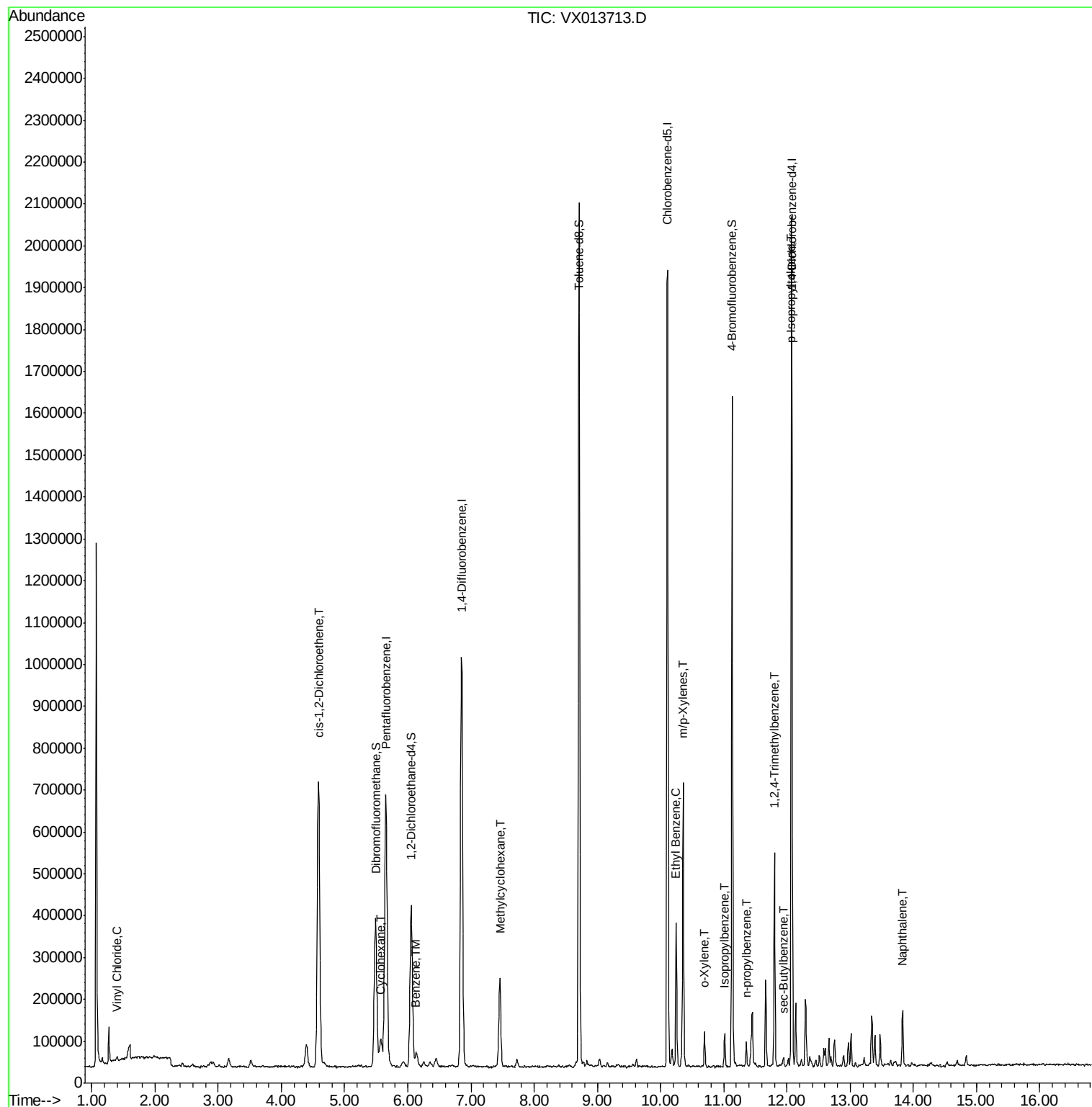
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	674698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1030831	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	910382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	421634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	368623	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
35) Dibromofluoromethane	5.49	113	304085	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	8.71	98	1220280	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.14	95	411659	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	5667	0.598	ug/l #	86
27) cis-1,2-Dichloroethene	4.59	96	442554	55.093	ug/l	89
31) Cyclohexane	5.57	56	44730	3.866	ug/l	95
39) Methylcyclohexane	7.46	83	98901	8.551	ug/l	98
40) Benzene	6.13	78	42857	1.504	ug/l	98
67) Ethyl Benzene	10.25	91	205887	6.339	ug/l	100
68) m/p-Xylenes	10.36	106	158681	12.761	ug/l	100
69) o-Xylene	10.70	106	20225	1.668	ug/l	94
73) Isopropylbenzene	11.01	105	42526	1.438	ug/l	100
78) n-propylbenzene	11.35	91	32862	0.995	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	240439	9.773	ug/l	99
85) sec-Butylbenzene	11.94	105	10196	0.362	ug/l #	67
86) p-Isopropyltoluene	12.06	119	13701	0.523	ug/l	86
95) Naphthalene	13.83	128	87437	3.061	ug/l	99

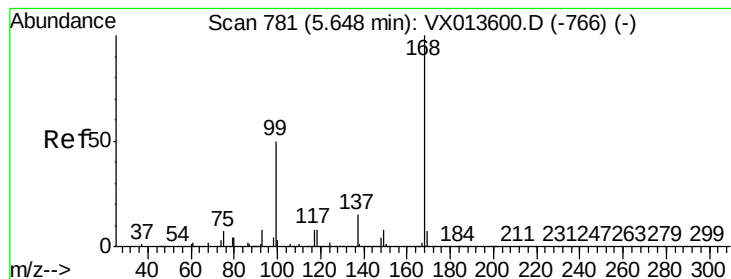
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 02 07:28:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013713.D

Acq: 29 Nov 2019 19:53

Instrument :

MSVOA_X

ClientSampled :

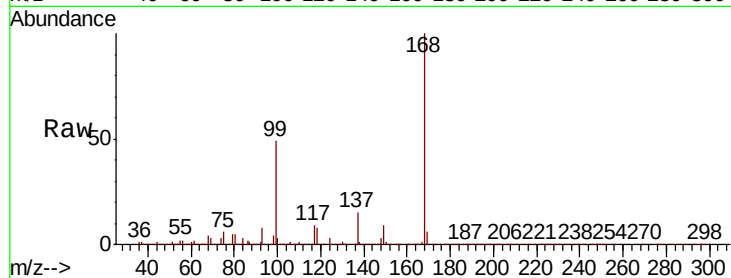
S39-0187DL

Tot Ion:168 Resp: 674698

Ion Ratio Lower Upper

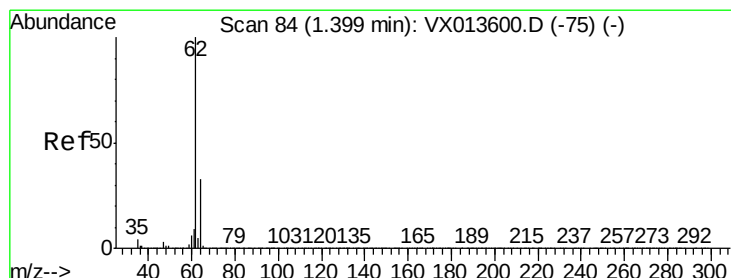
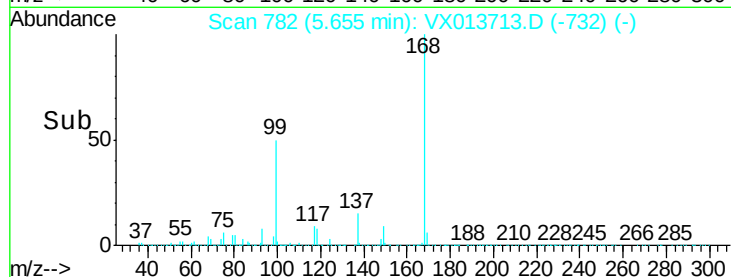
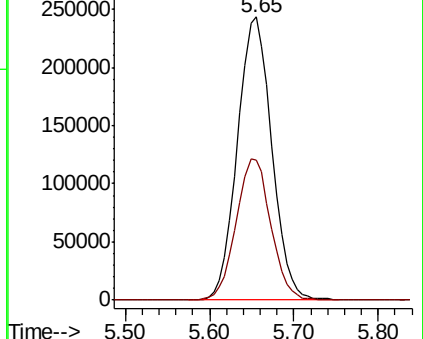
168 100

99 49.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.598 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013713.D

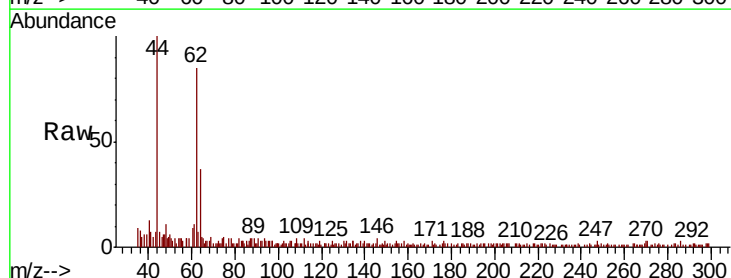
Acq: 29 Nov 2019 19:53

Tgt Ion: 62 Resp: 5667

Ion Ratio Lower Upper

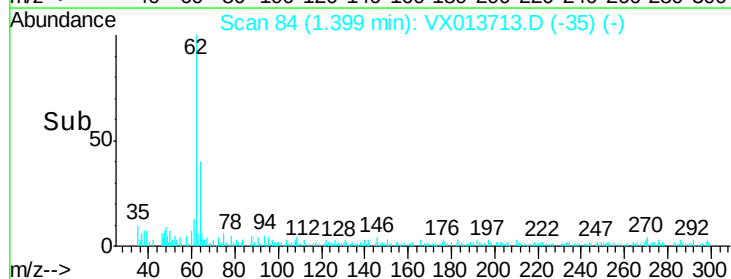
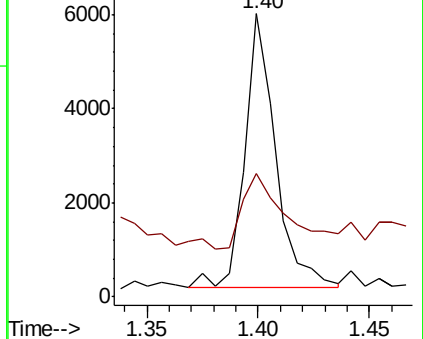
62 100

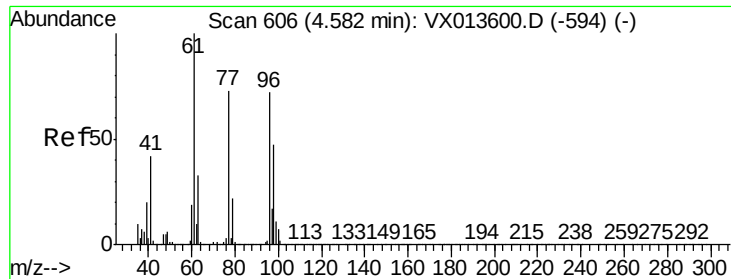
64 24.9 26.0 39.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



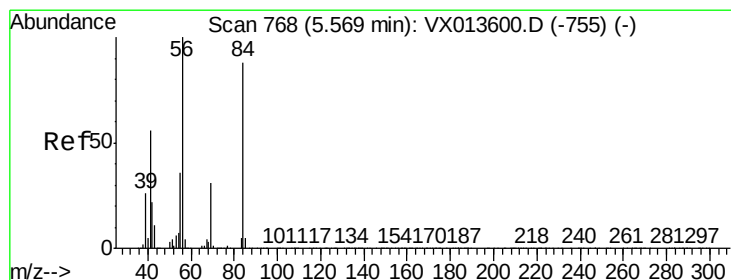
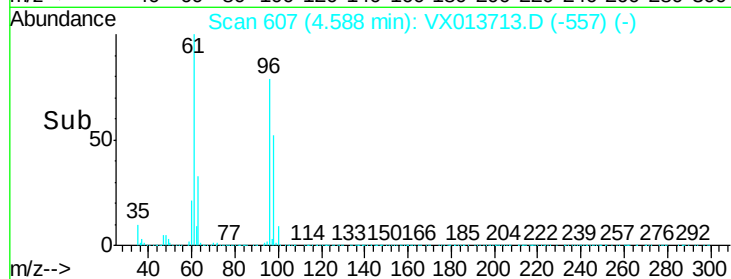
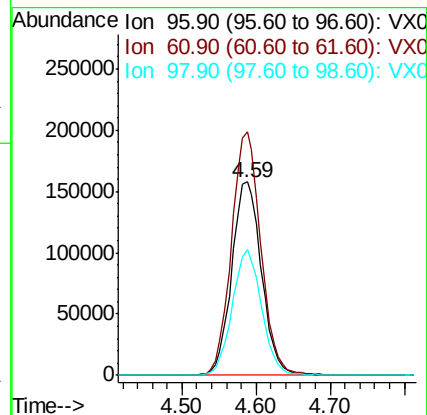
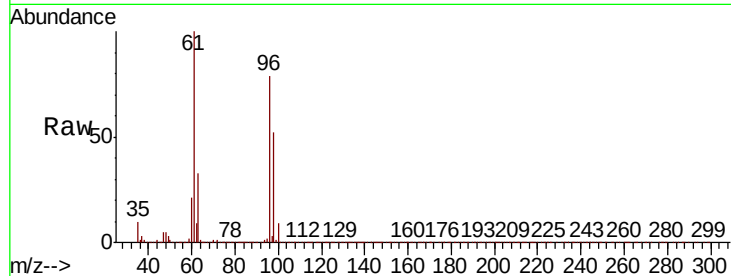


#27

cis-1,2-Dichloroethene
Concen: 55.093 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013713.D
Acq: 29 Nov 2019 19:53

Instrument :
MSVOA_X
ClientSampled :
S39-0187DL

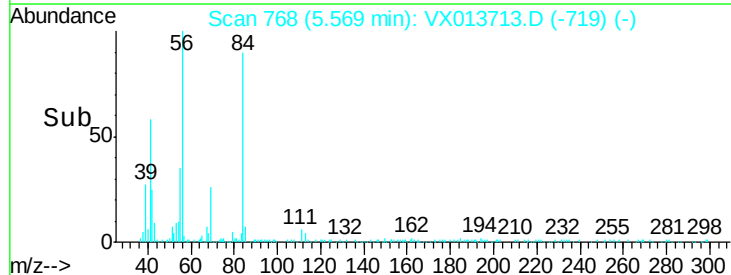
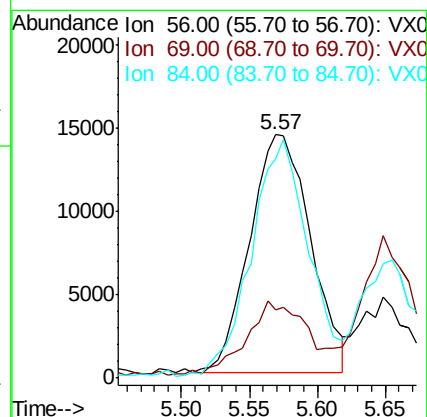
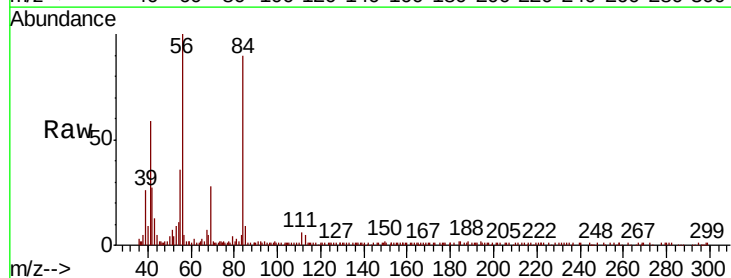
Tot Ion	Ratio	Lower	Upper
96	100		
61	124.3	0.0	286.4
98	63.6	0.0	127.4

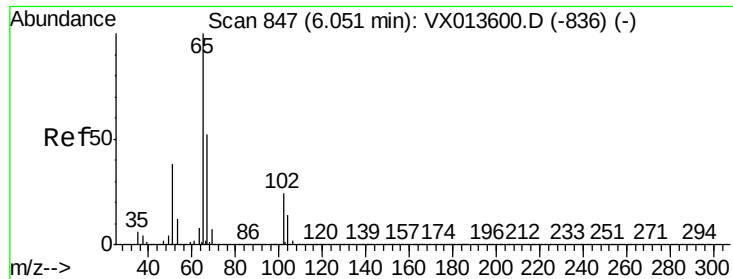


#31

Cyclohexane
Concen: 3.866 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013713.D
Acq: 29 Nov 2019 19:53

Tgt Ion	Ratio	Lower	Upper
56	100		
69	25.4	24.6	36.8
84	91.0	70.0	105.0

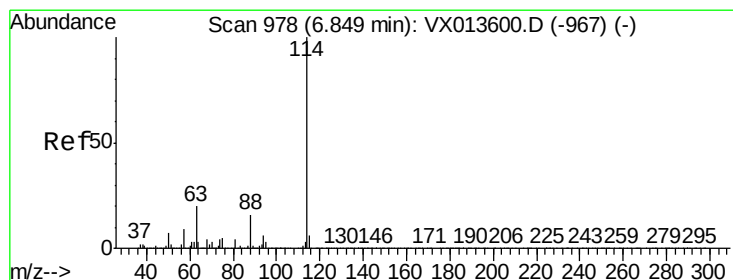
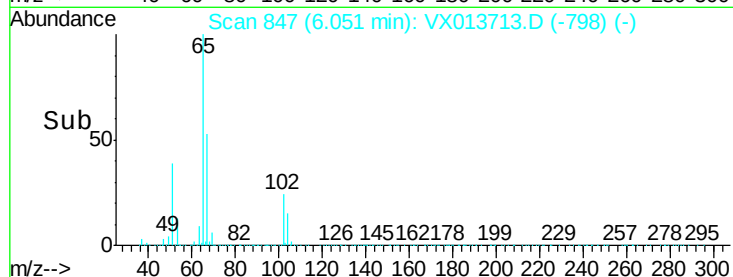
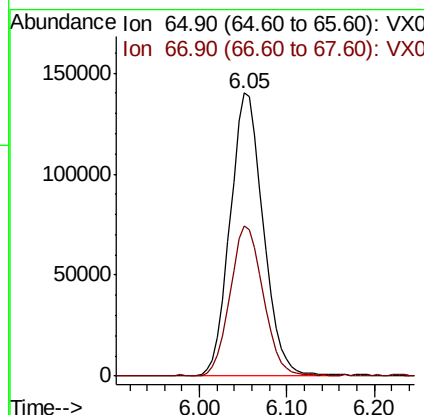
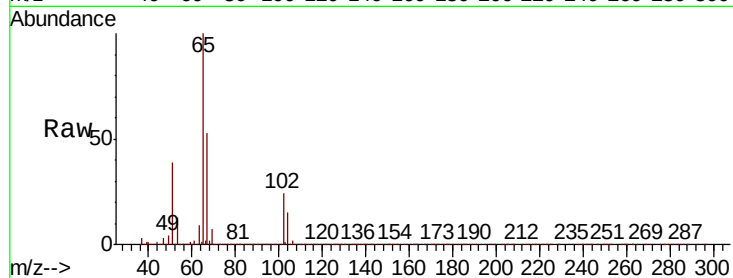




#33
 1,2-Dichloroethane-d4
 Concen: 47.068 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013713.D
 Acq: 29 Nov 2019 19:53

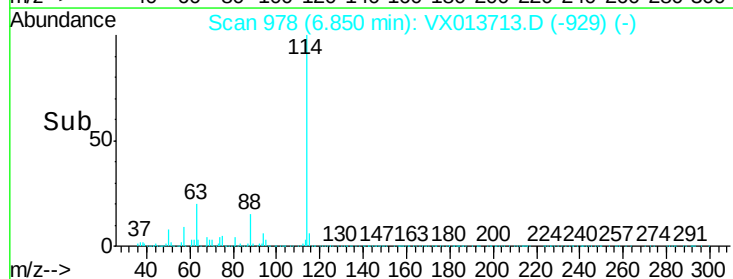
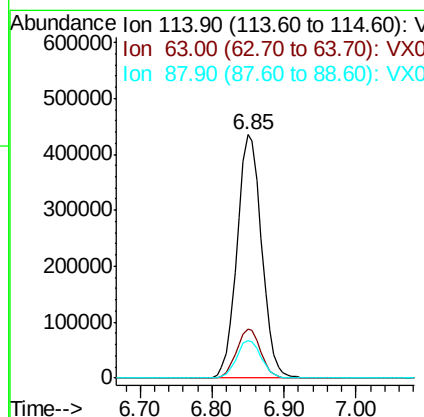
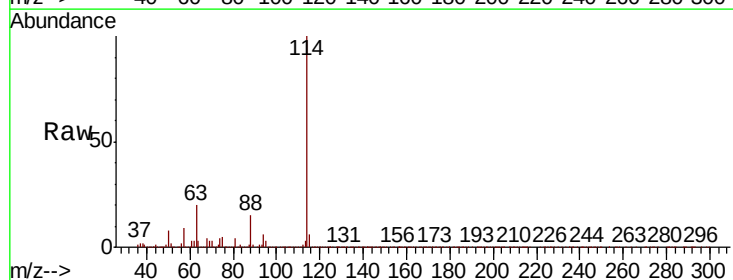
Instrument :
 MSVOA_X
 ClientSampleID :
 S39-0187DL

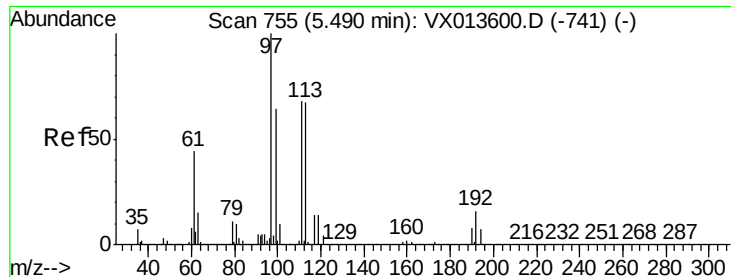
Tot Ion: 65 Resp: 368623
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013713.D
 Acq: 29 Nov 2019 19:53

Tgt Ion: 114 Resp: 1030831
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.6
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.717 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013713.D

Acq: 29 Nov 2019 19:53

Instrument :

MSVOA_X

ClientSampled :

S39-0187DL

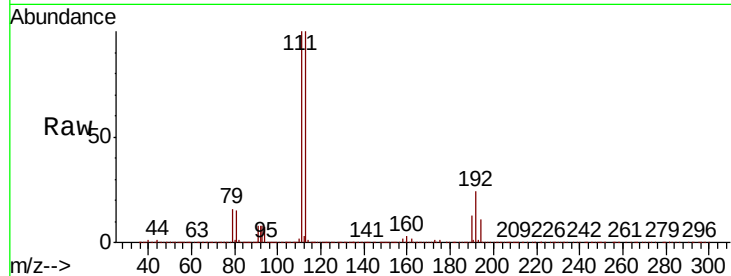
Tot Ion:113 Resp: 304085

Ion Ratio Lower Upper

113 100

111 102.6 83.6 125.4

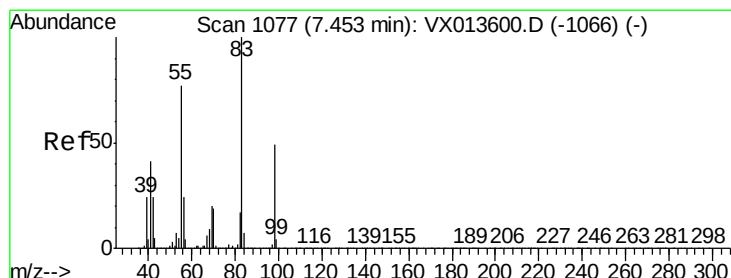
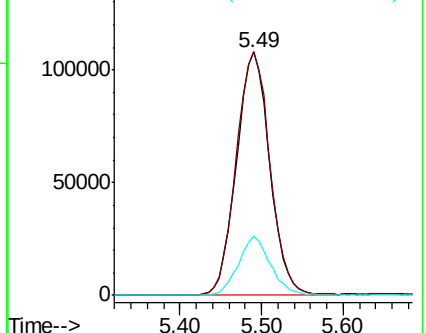
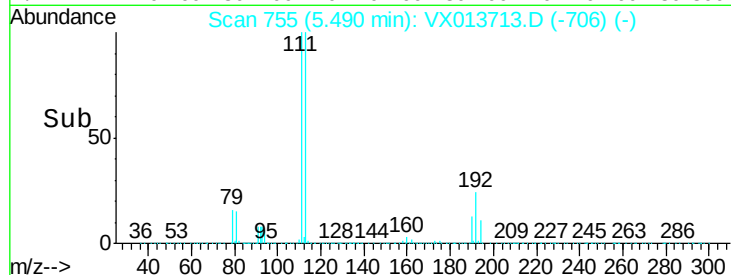
192 23.5 19.2 28.8



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



#39

Methylcyclohexane

Concen: 8.551 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013713.D

Acq: 29 Nov 2019 19:53

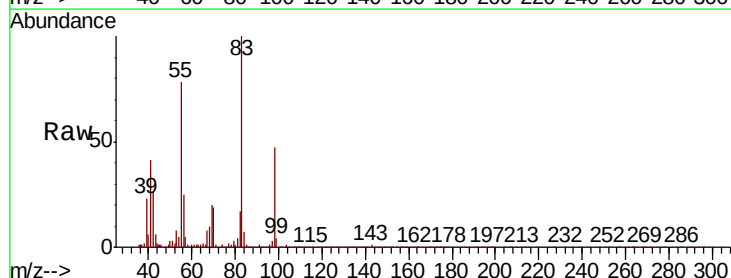
Tgt Ion: 83 Resp: 98901

Ion Ratio Lower Upper

83 100

55 78.2 61.9 92.9

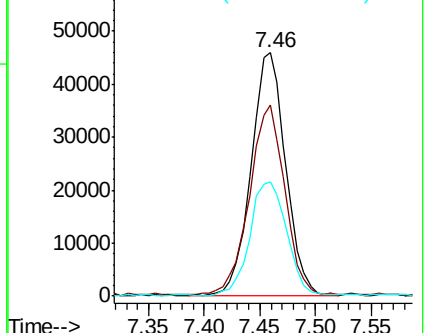
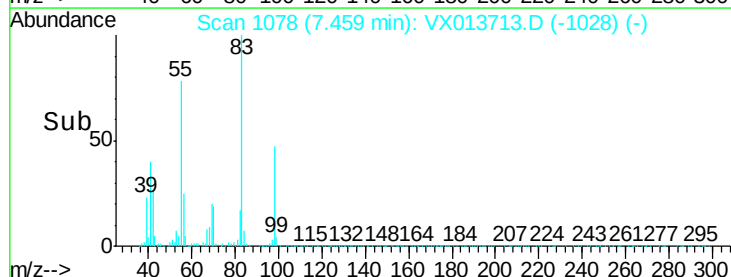
98 46.7 39.4 59.0

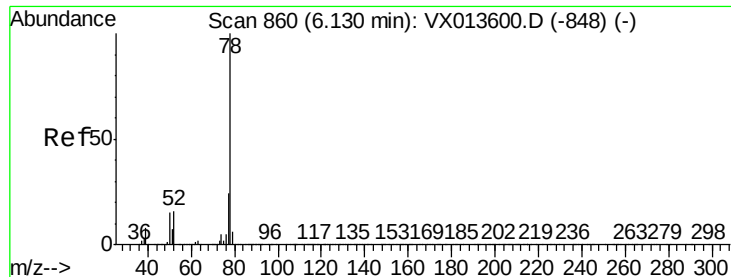


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.504 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX013713.D

Acq: 29 Nov 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

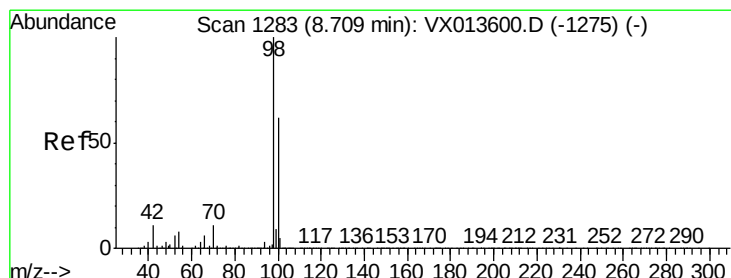
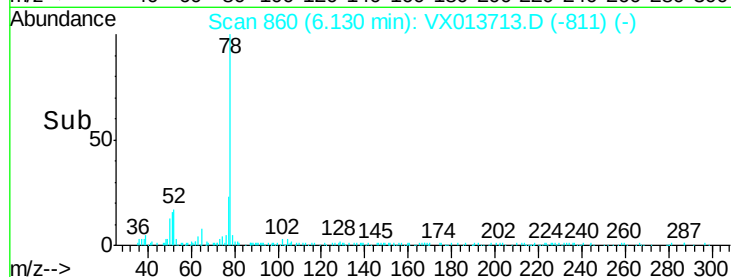
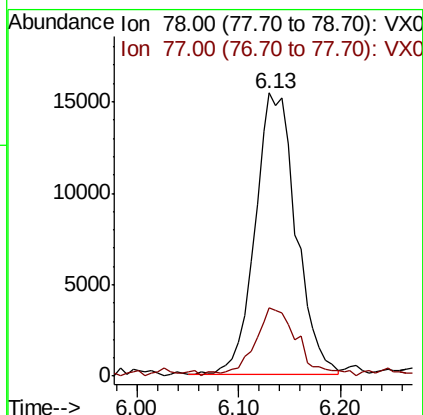
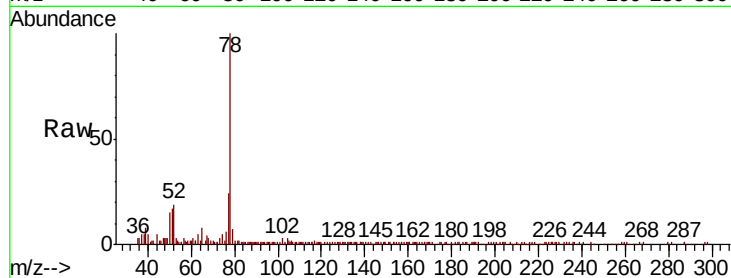
S39-0187DL

Tot Ion: 78 Resp: 42857

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.4



#50

Toluene-d8

Concen: 49.148 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013713.D

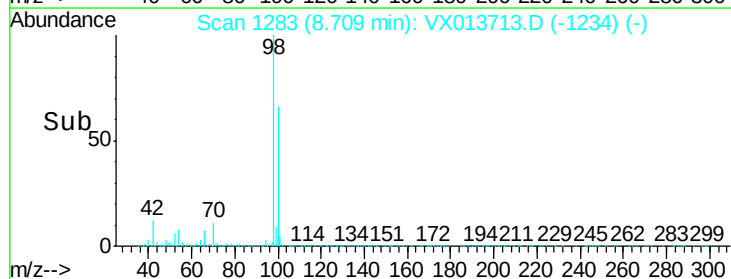
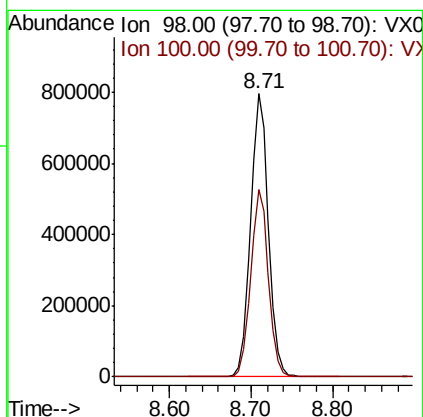
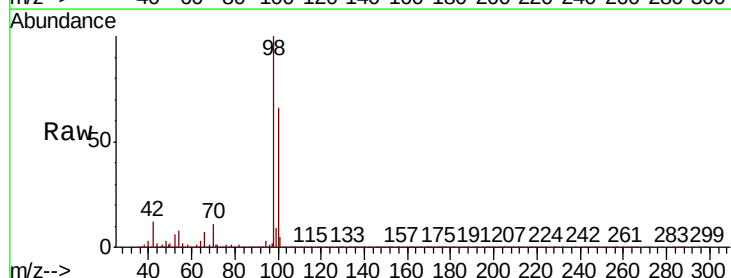
Acq: 29 Nov 2019 19:53

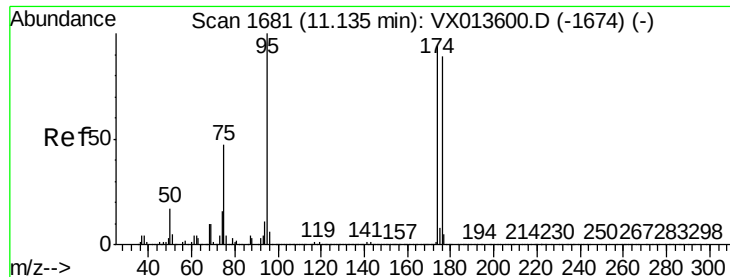
Tgt Ion: 98 Resp: 1220280

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.978 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013713.D

Acq: 29 Nov 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

S39-0187DL

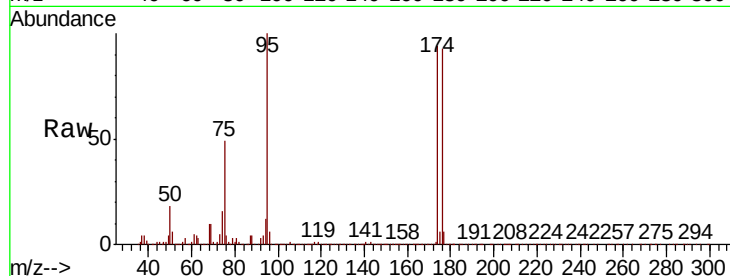
Tot Ion: 95 Resp: 411659

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

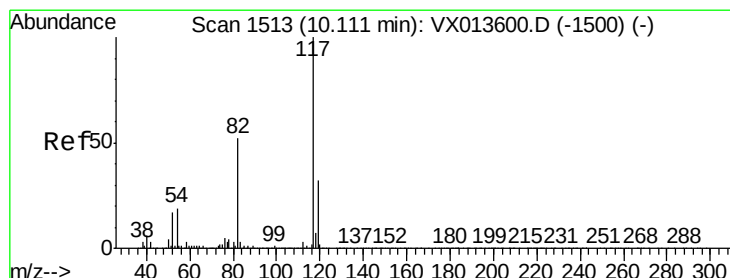
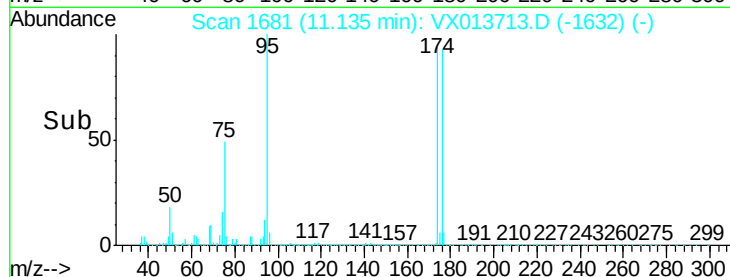
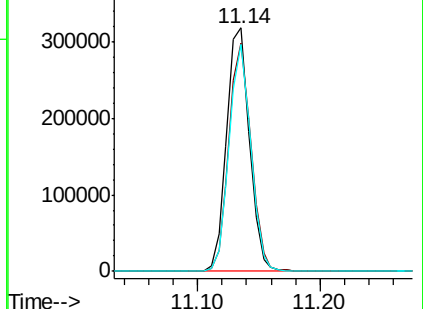
176 88.1 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX013713.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013713.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013713.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013713.D

Acq: 29 Nov 2019 19:53

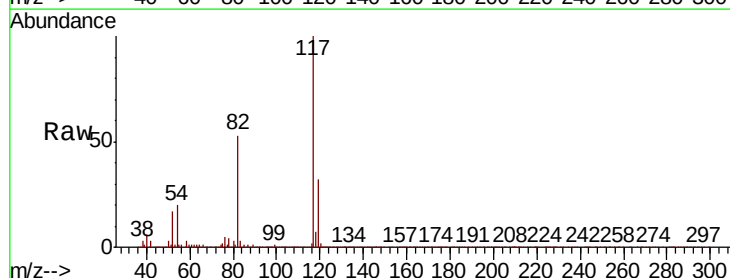
Tgt Ion: 117 Resp: 910382

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.8

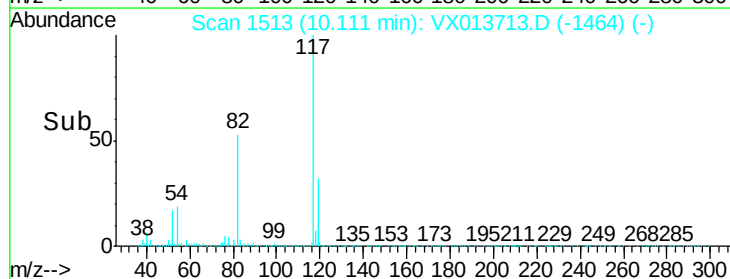
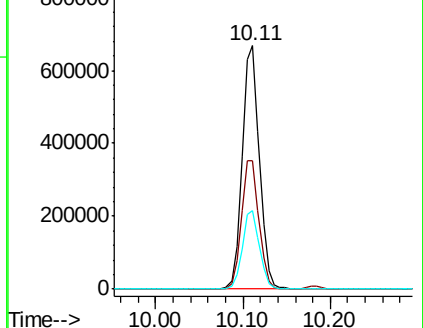
119 32.1 25.8 38.8

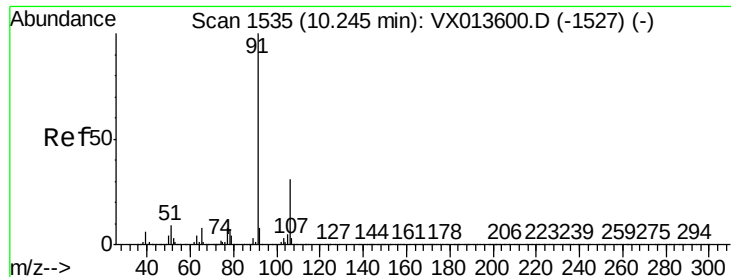


Abundance Ion 116.90 (116.60 to 117.60): VX013713.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013713.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013713.D (-1464) (-)





#67

Ethyl Benzene

Concen: 6.339 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013713.D

Acq: 29 Nov 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

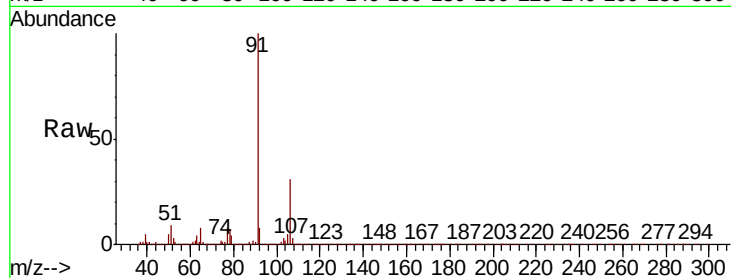
S39-0187DL

Tot Ion: 91 Resp: 205887

Ion Ratio Lower Upper

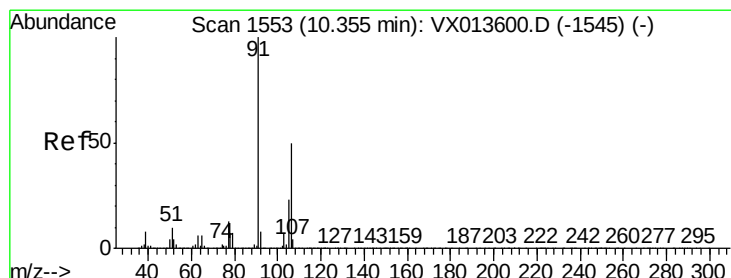
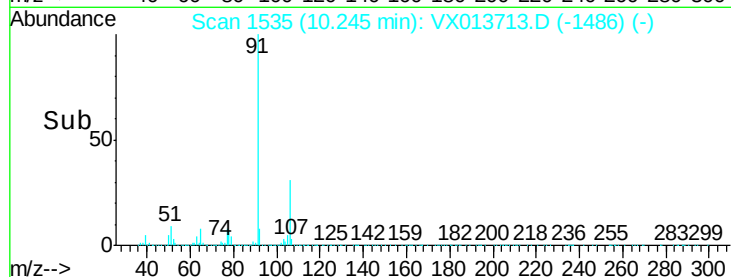
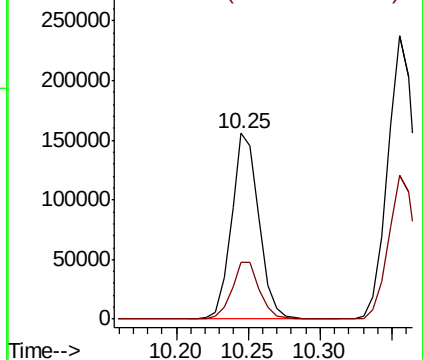
91 100

106 30.4 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 12.761 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013713.D

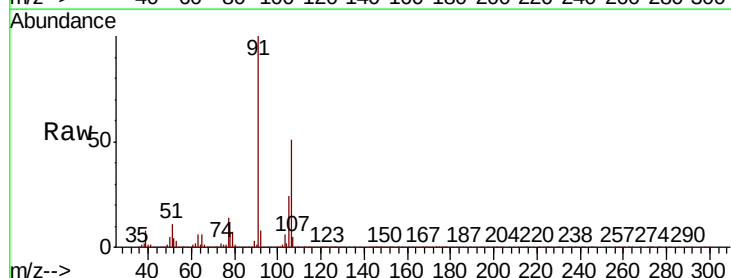
Acq: 29 Nov 2019 19:53

Tgt Ion: 106 Resp: 158681

Ion Ratio Lower Upper

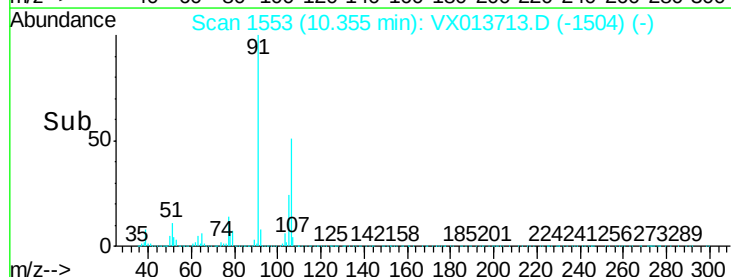
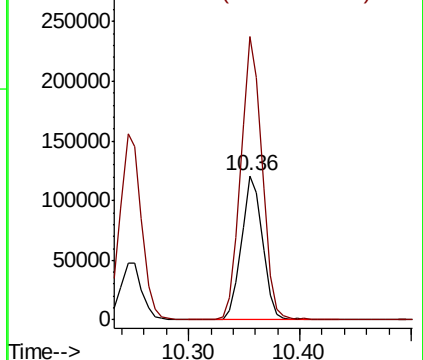
106 100

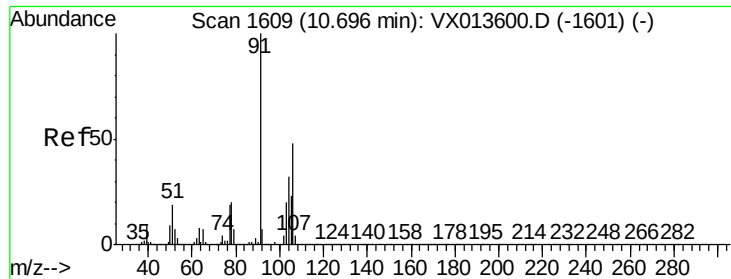
91 198.1 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

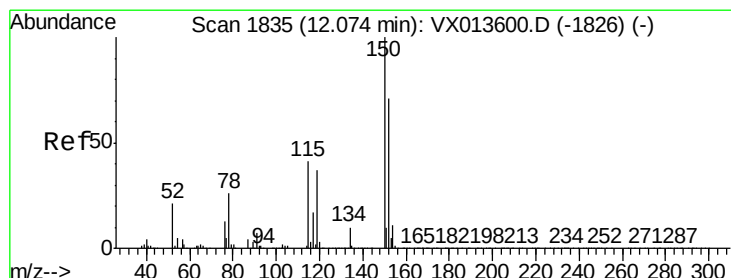
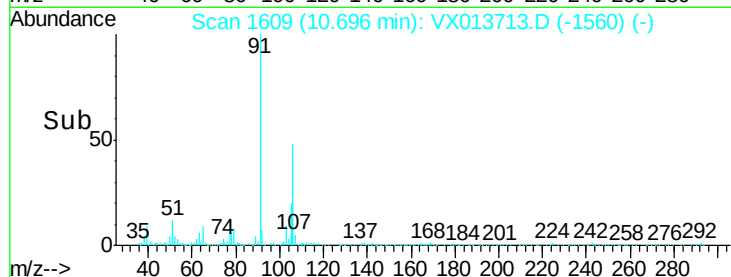
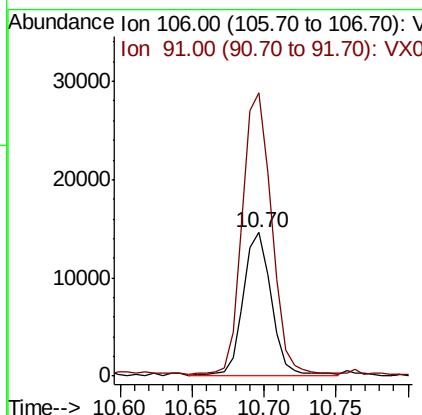
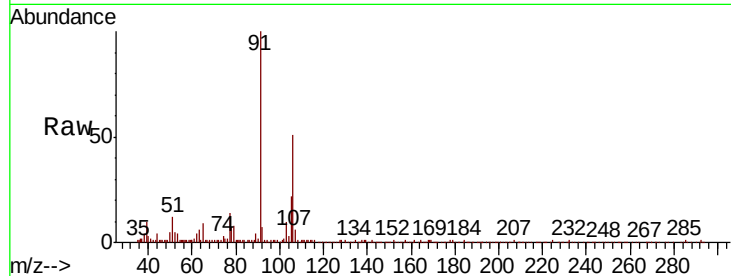




#69
o-Xylene
Concen: 1.668 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013713.D
Acq: 29 Nov 2019 19:53

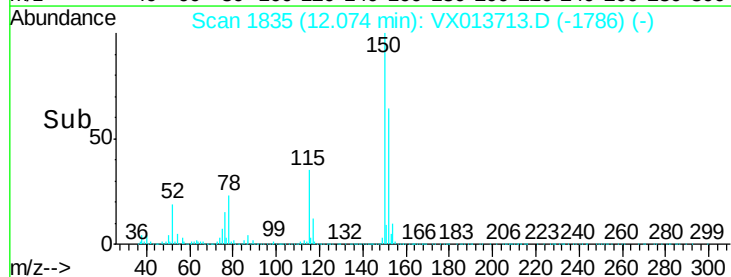
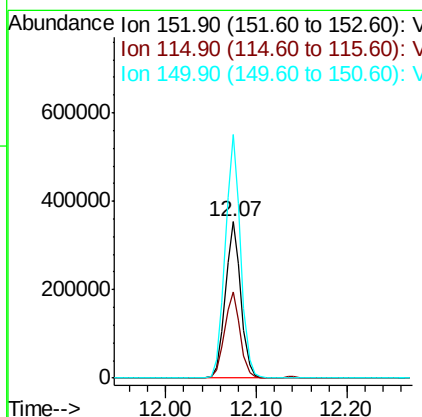
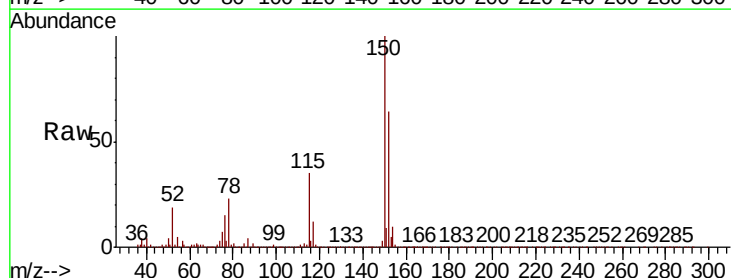
Instrument :
MSVOA_X
ClientSampleID :
S39-0187DL

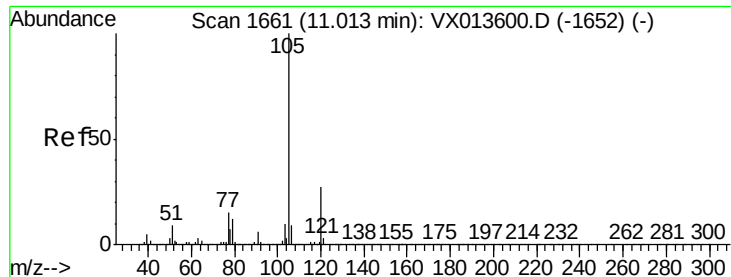
Tot Ion:106 Resp: 20225
Ion Ratio Lower Upper
106 100
91 199.1 104.1 312.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013713.D
Acq: 29 Nov 2019 19:53

Tgt Ion:152 Resp: 421634
Ion Ratio Lower Upper
152 100
115 55.2 38.4 115.1
150 155.1 0.0 346.8





#73

Isopropylbenzene

Concen: 1.438 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013713.D

Acq: 29 Nov 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

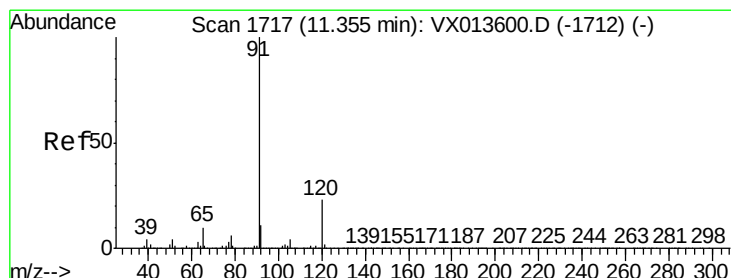
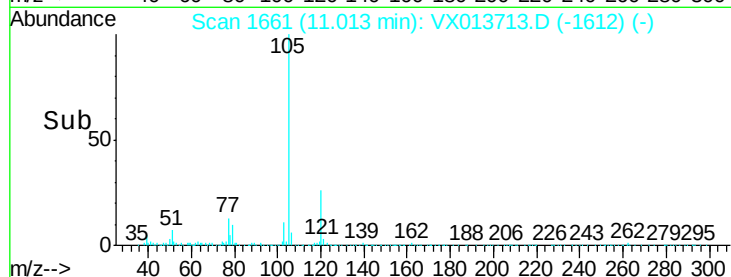
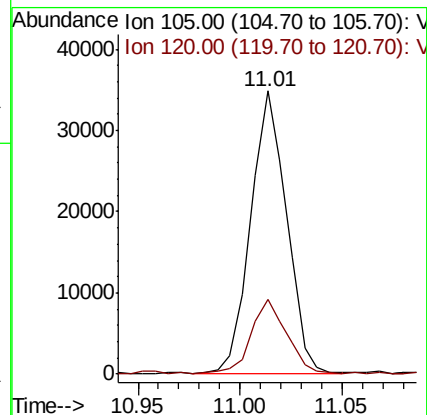
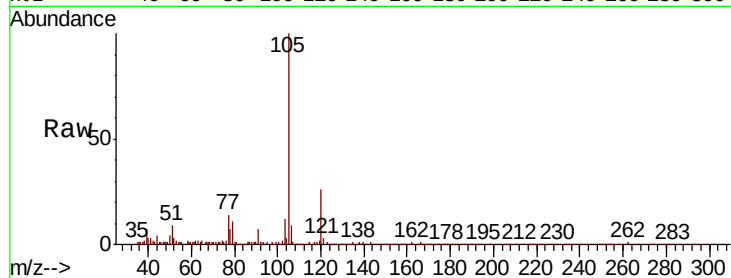
S39-0187DL

Tot Ion:105 Resp: 42526

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#78

n-propylbenzene

Concen: 0.995 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013713.D

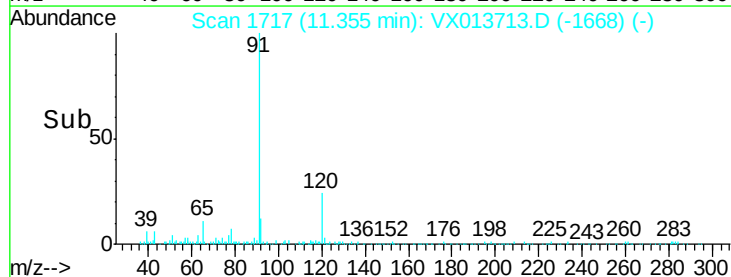
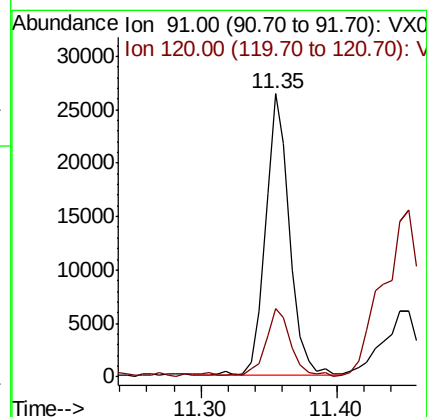
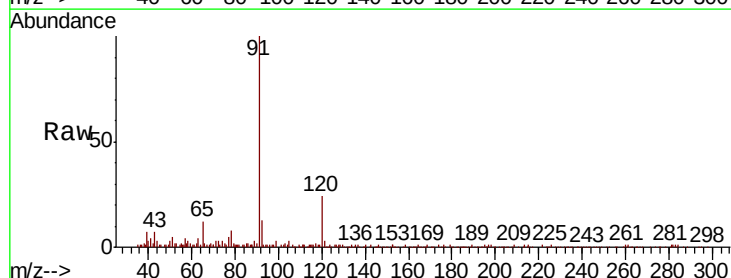
Acq: 29 Nov 2019 19:53

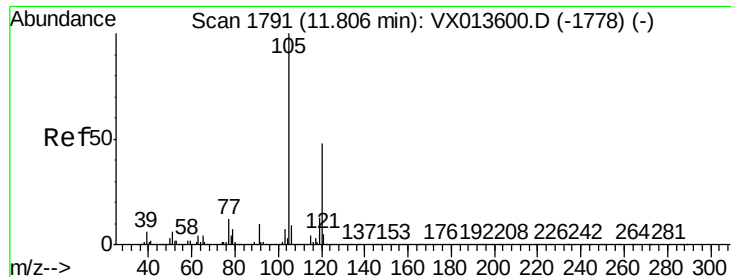
Tgt Ion: 91 Resp: 32862

Ion Ratio Lower Upper

91 100

120 24.7 11.8 35.3

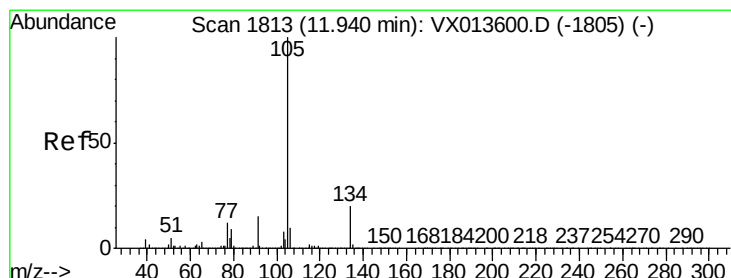
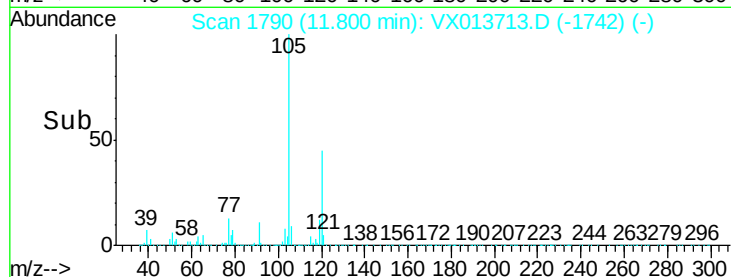
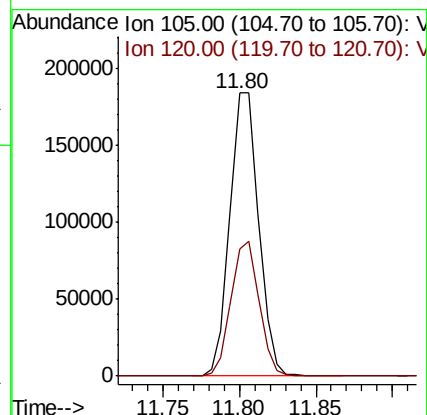
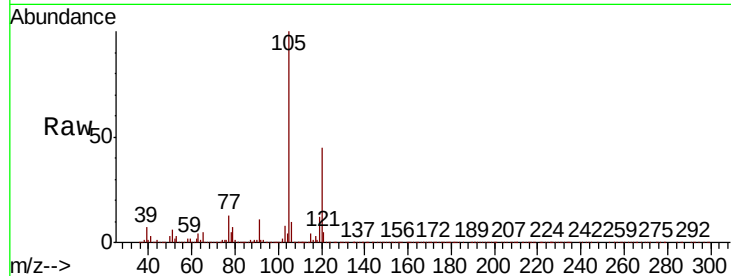




#84
1,2,4-Trimethylbenzene
Concen: 9.773 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013713.D
Acq: 29 Nov 2019 19:53

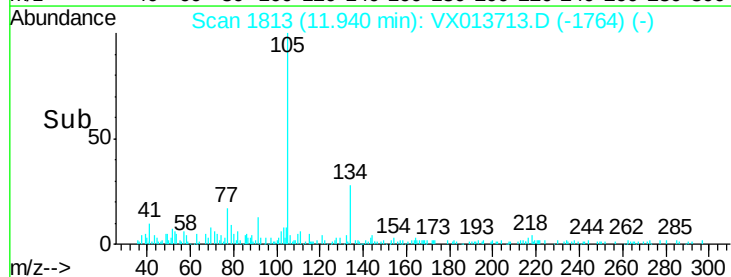
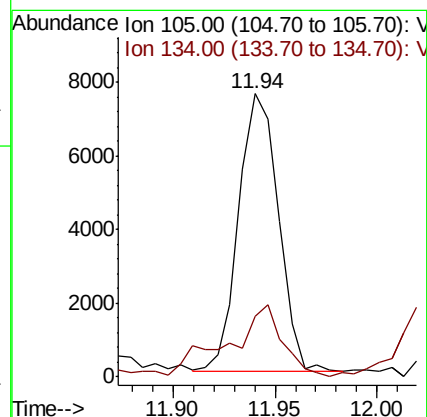
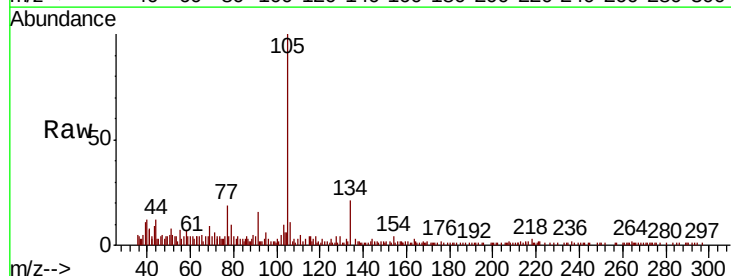
Instrument :
MSVOA_X
ClientSampleId :
S39-0187DL

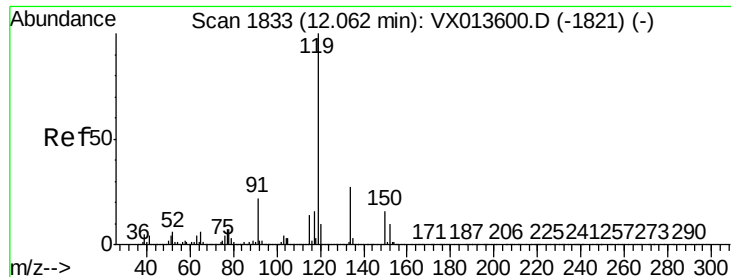
Tot Ion:105 Resp: 240439
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.3



#85
sec-Butylbenzene
Concen: 0.362 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX013713.D
Acq: 29 Nov 2019 19:53

Tgt Ion:105 Resp: 10196
Ion Ratio Lower Upper
105 100
134 36.0 10.4 31.2#

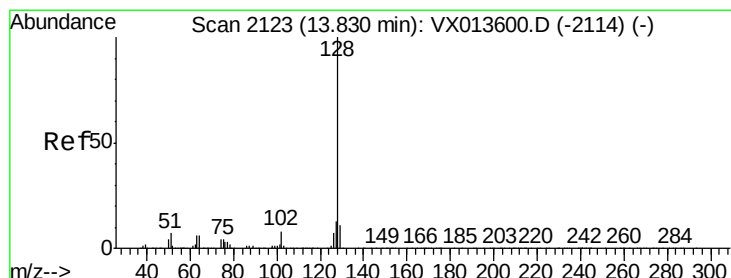
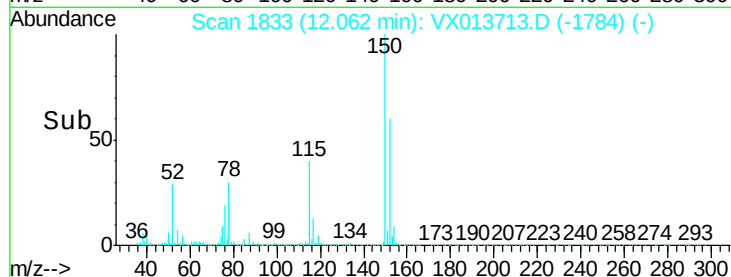
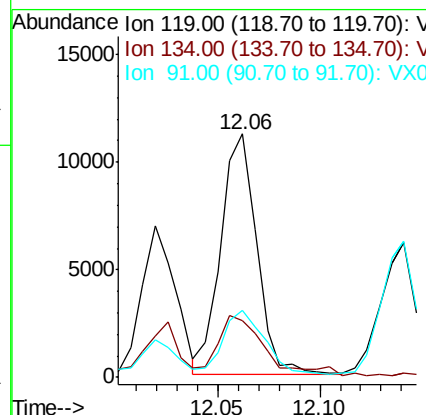
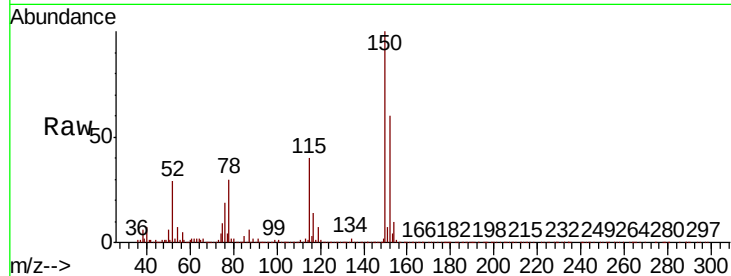




#86
p-Isopropyltoluene
Concen: 0.523 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013713.D
Acq: 29 Nov 2019 19:53

Instrument :
MSVOA_X
ClientSampled :
S39-0187DL

Tot Ion	Ratio	Lower	Upper
119	100		
134	33.2	13.3	39.9
91	30.2	11.3	33.8



#95
Naphthalene
Concen: 3.061 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013713.D
Acq: 29 Nov 2019 19:53

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.6	8.7	13.1

