

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055366.D
 Acq On : 2 May 2019 23:02
 Operator : JC/SP
 Sample : K2658-02 10X
 Misc : 6.06g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(17-20)

Quant Time: May 03 05:47:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	409609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	702693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	646993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275799	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	275644	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
35) Dibromofluoromethane	7.59	113	218869	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
50) Toluene-d8	10.09	98	875780	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.40	95	387504	74.45	ug/l	0.00
Spiked Amount			Recovery	=	148.90%	

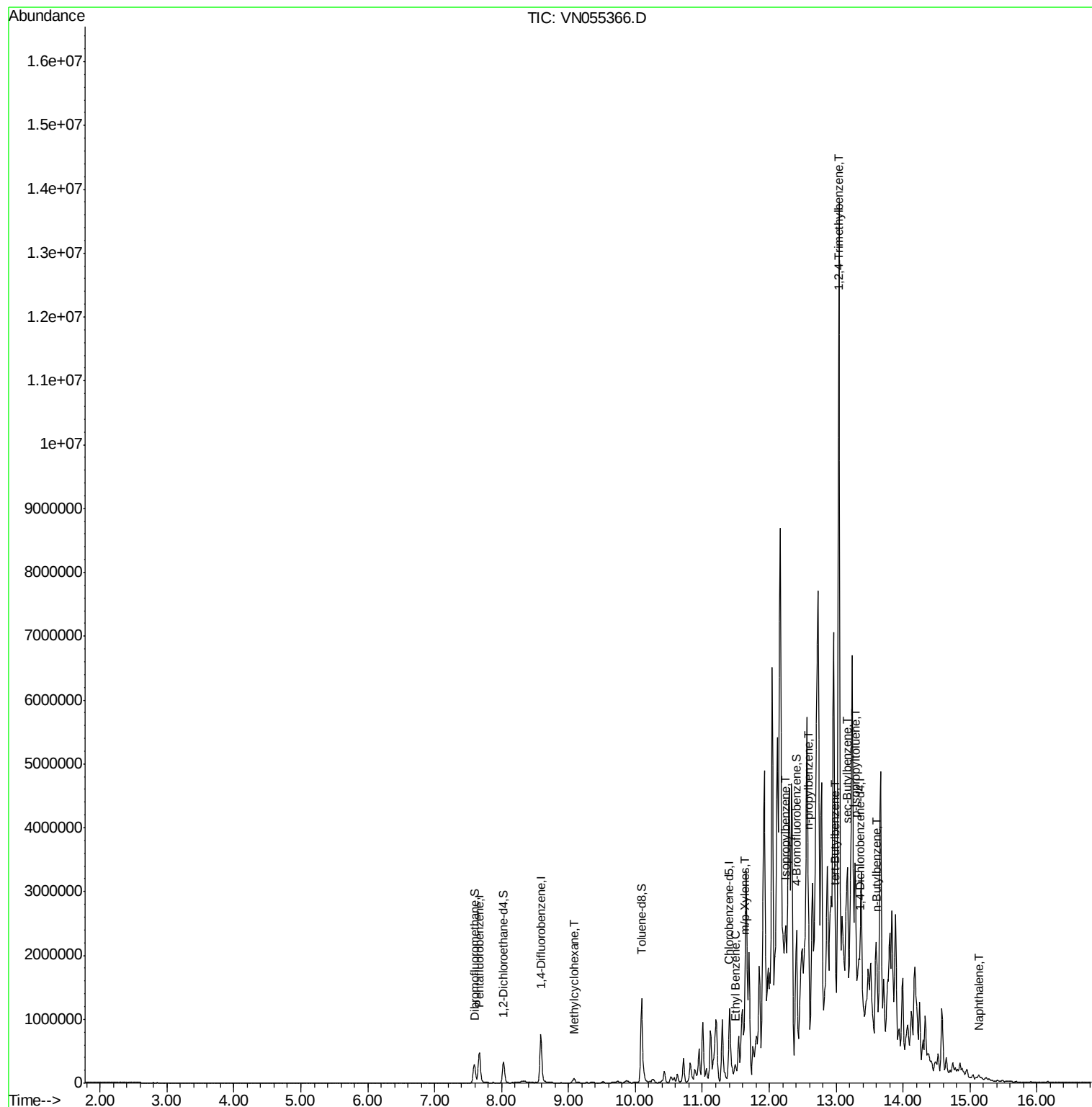
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	27967	3.908	ug/l	99
67) Ethyl Benzene	11.51	91	38819	1.699	ug/l	94
68) m/p-Xylenes	11.63	106	121369	14.885	ug/l	96
73) Isopropylbenzene	12.25	105	360802	14.176	ug/l	99
78) n-propylbenzene	12.59	91	1169549	41.283	ug/l	99
83) tert-Butylbenzene	12.99	119	86140	2.886	ug/l	86
84) 1,2,4-Trimethylbenzene	13.04	105	6674864	345.180	ug/l	99
85) sec-Butylbenzene	13.17	105	677509	28.829	ug/l #	67
86) p-Isopropyltoluene	13.29	119	715513	37.043	ug/l	98
89) n-Butylbenzene	13.61	91	547081	39.859	ug/l #	73
95) Naphthalene	15.13	128	56076	10.156	ug/l	98

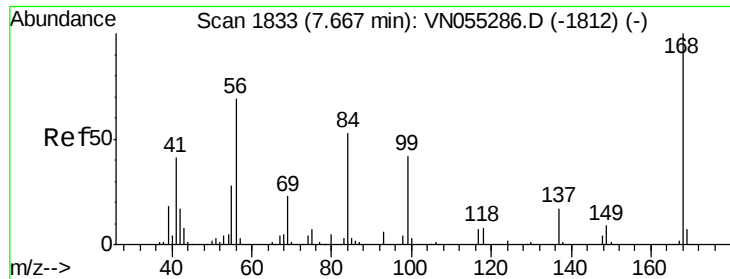
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 03 05:47:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

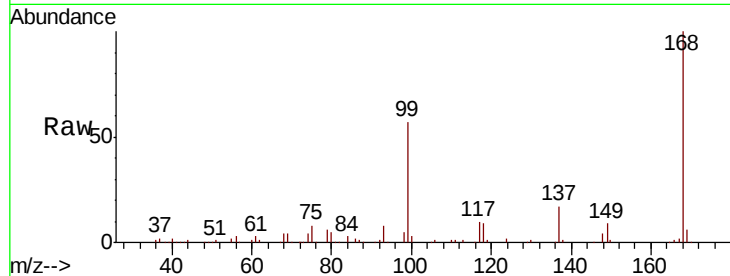
EP1-SB-W2(17-20)

Tgt Ion:168 Resp: 409609

Ion Ratio Lower Upper

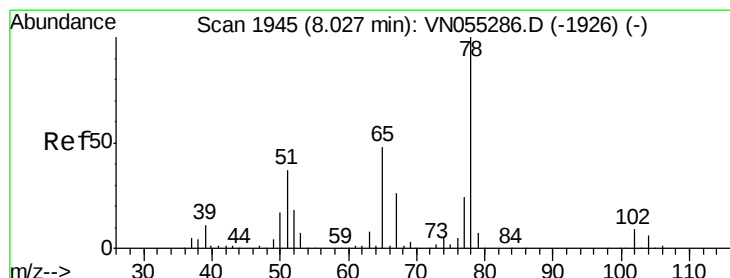
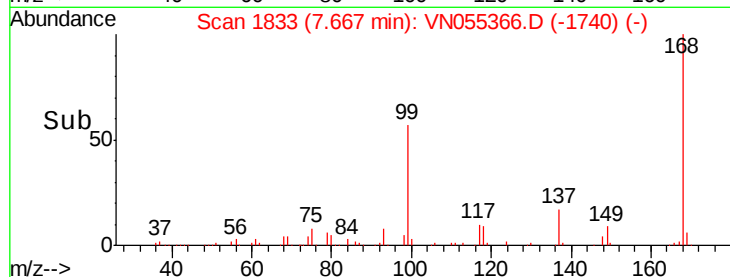
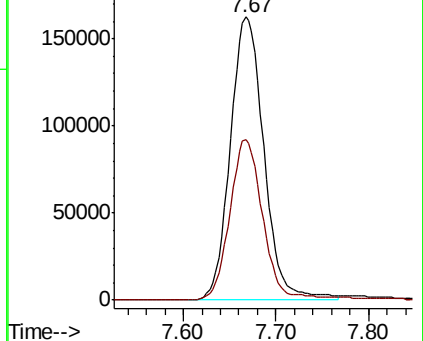
168 100

99 56.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.439 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055366.D

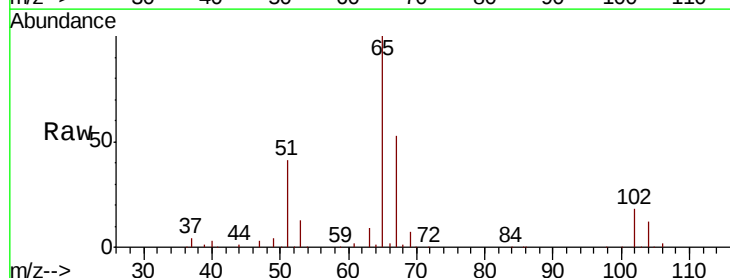
Acq: 2 May 2019 23:02

Tgt Ion: 65 Resp: 275644

Ion Ratio Lower Upper

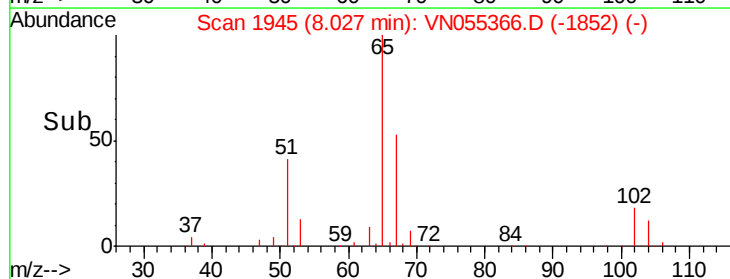
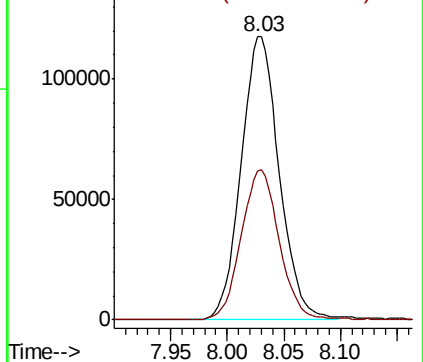
65 100

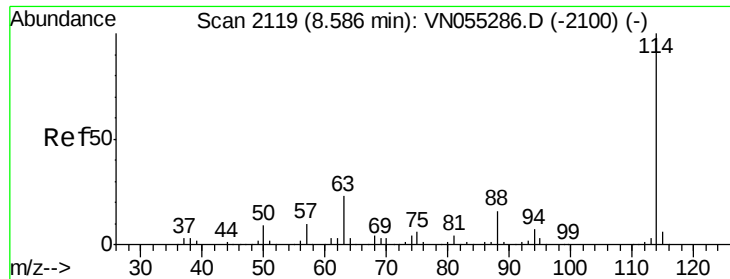
67 53.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

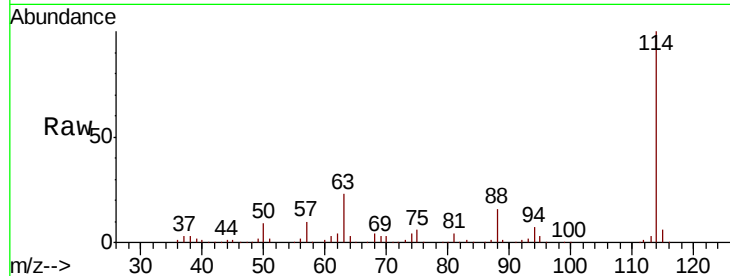




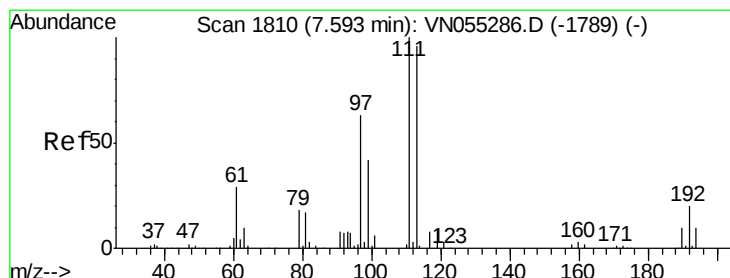
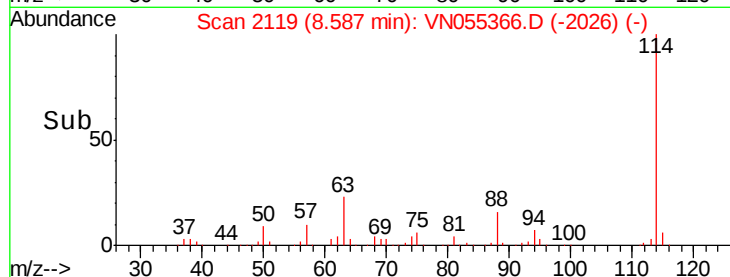
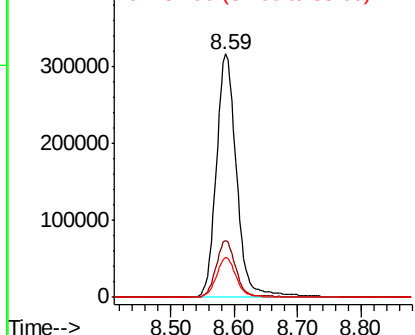
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055366.D
 Acq: 2 May 2019 23:02

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(17-20)

Tgt Ion:114 Resp: 702693
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.2
 88 16.2 0.0 31.6

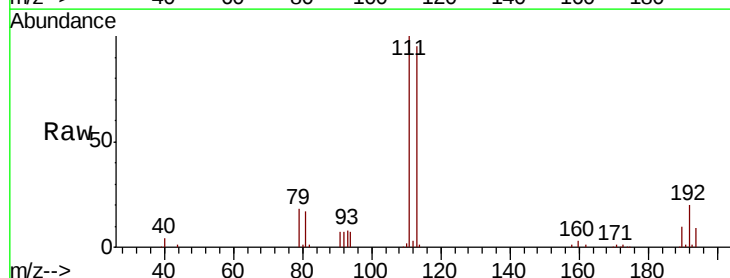


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

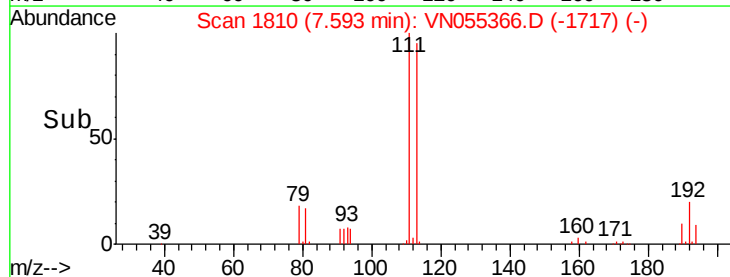
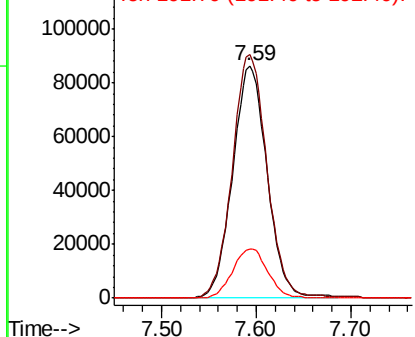


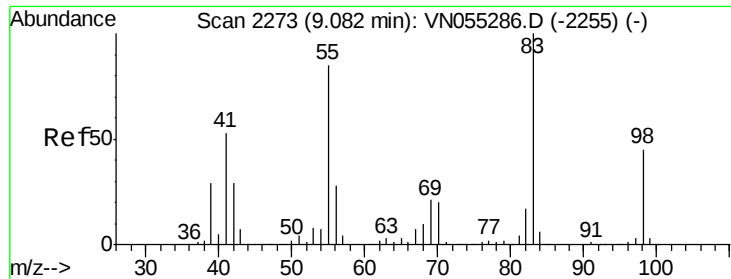
#35
 Dibromofluoromethane
 Concen: 47.454 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055366.D
 Acq: 2 May 2019 23:02

Tgt Ion:113 Resp: 218869
 Ion Ratio Lower Upper
 113 100
 111 105.4 82.3 123.5
 192 21.5 17.0 25.6



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

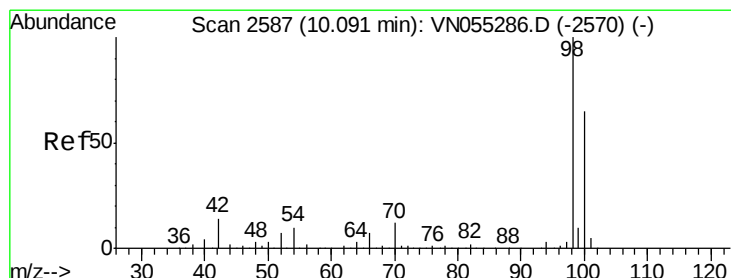
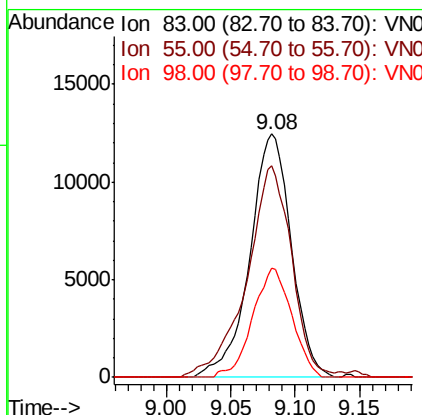
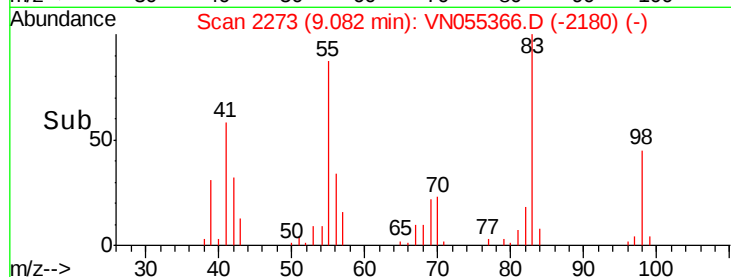
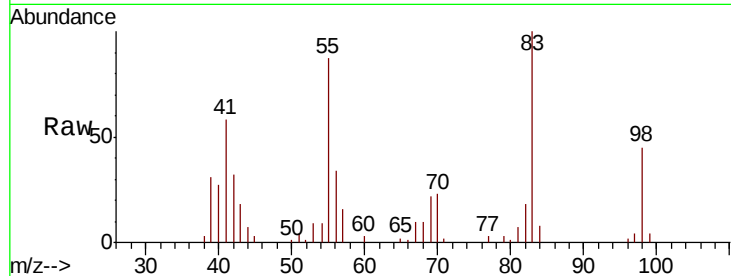




#39
Methylcyclohexane
Concen: 3.908 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

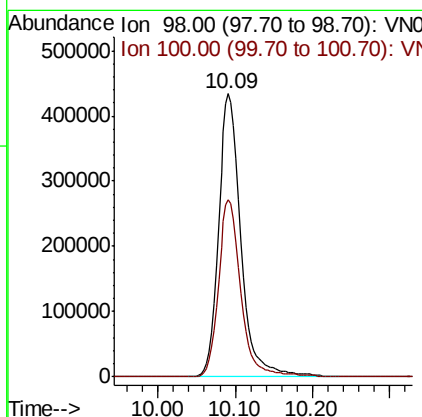
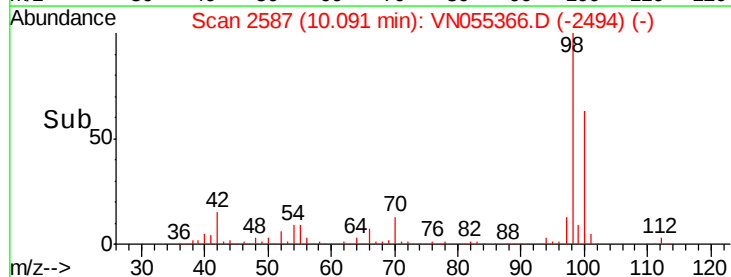
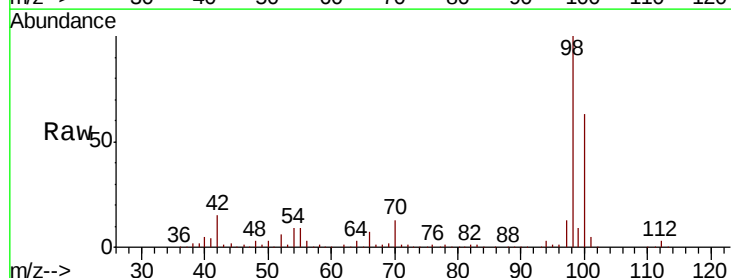
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(17-20)

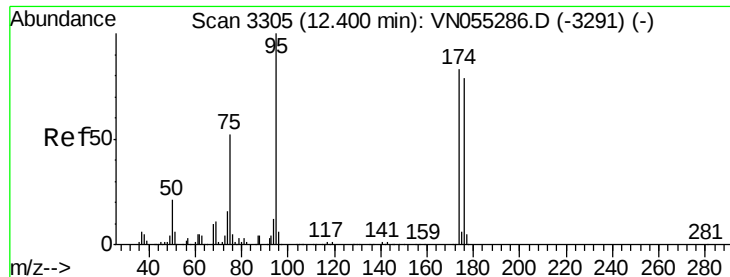
Tgt Ion: 83 Resp: 27967
Ion Ratio Lower Upper
83 100
55 85.4 67.8 101.6
98 45.0 36.2 54.4



#50
Toluene-d8
Concen: 52.586 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

Tgt Ion: 98 Resp: 875780
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 74.448 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)

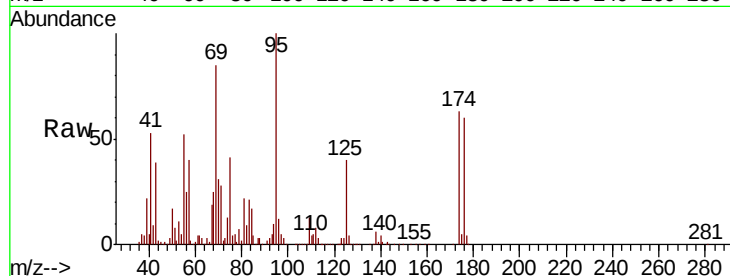
Tgt Ion: 95 Resp: 387504

Ion Ratio Lower Upper

95 100

174 63.1 0.0 166.6

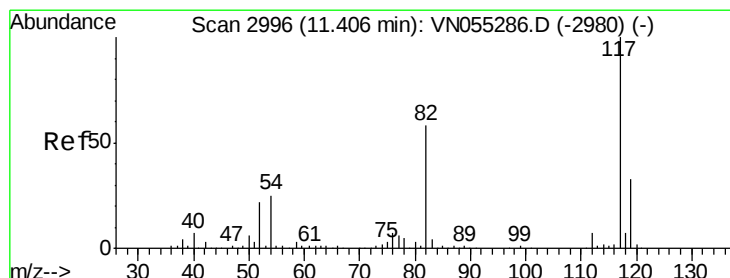
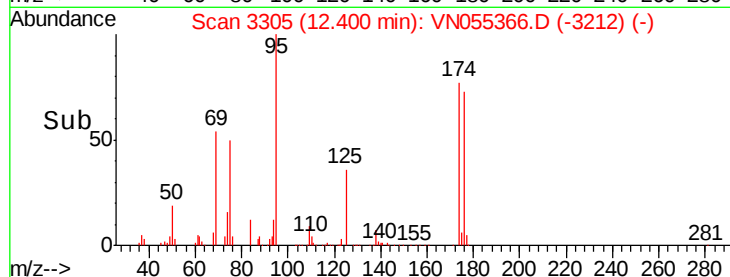
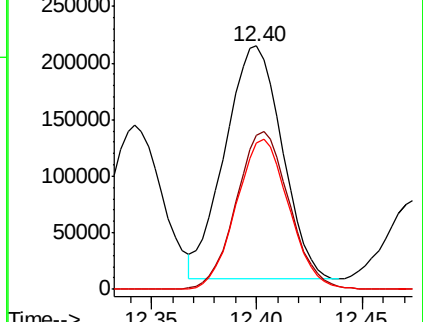
176 59.7 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055366.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055366.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055366.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

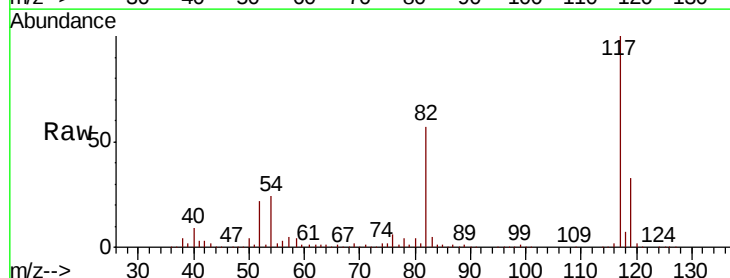
Tgt Ion: 117 Resp: 646993

Ion Ratio Lower Upper

117 100

82 55.6 46.2 69.4

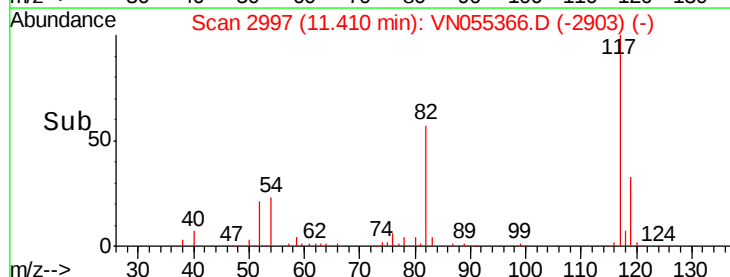
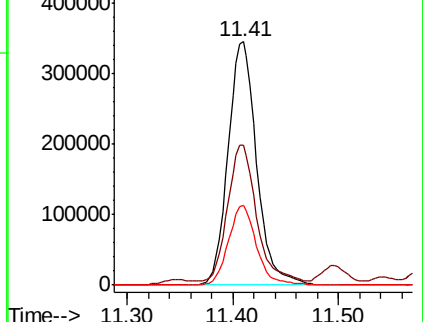
119 32.7 26.6 40.0

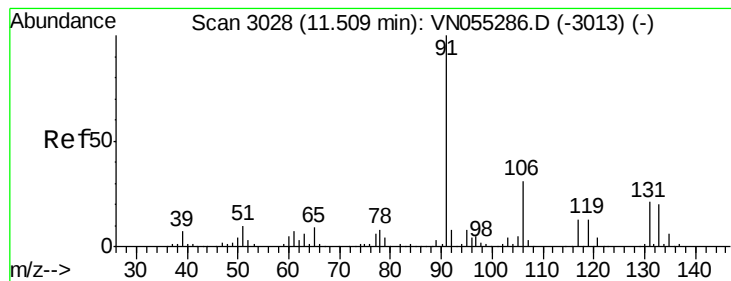


Abundance Ion 116.90 (116.60 to 117.60): VN055366.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055366.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055366.D (-2903) (-)





#67

Ethyl Benzene

Concen: 1.699 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

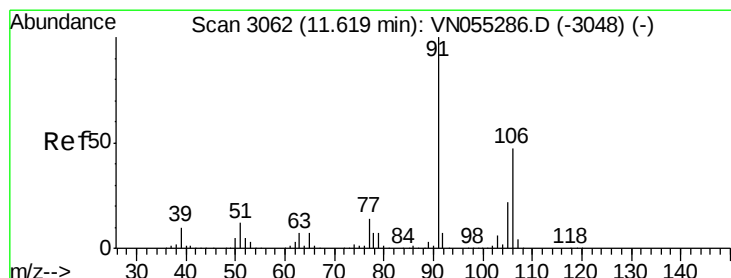
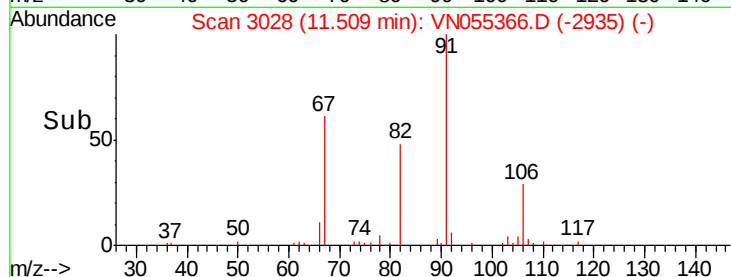
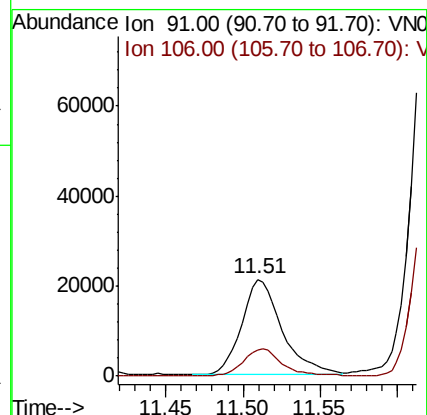
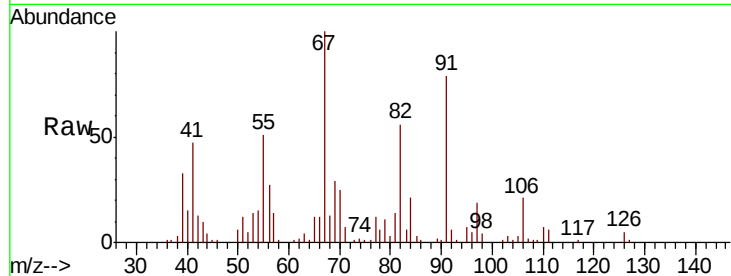
EP1-SB-W2(17-20)

Tgt Ion: 91 Resp: 38819

Ion Ratio Lower Upper

91 100

106 27.4 24.6 36.8



#68

m/p-Xylenes

Concen: 14.885 ug/l

RT: 11.63 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VN055366.D

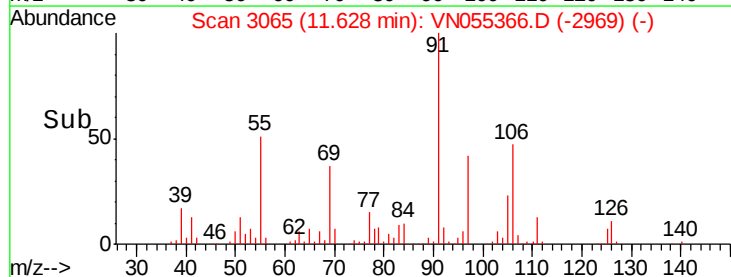
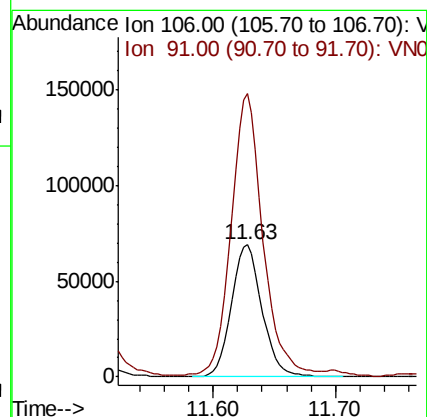
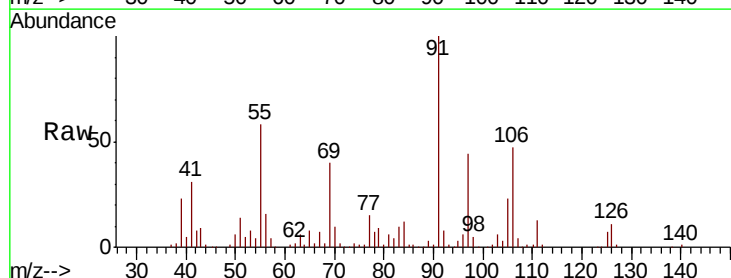
Acq: 2 May 2019 23:02

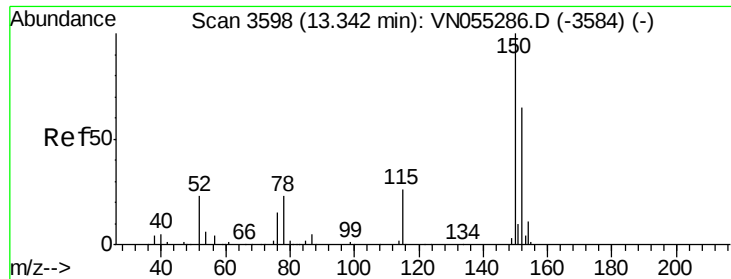
Tgt Ion: 106 Resp: 121369

Ion Ratio Lower Upper

106 100

91 218.3 169.5 254.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055366.D

Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)

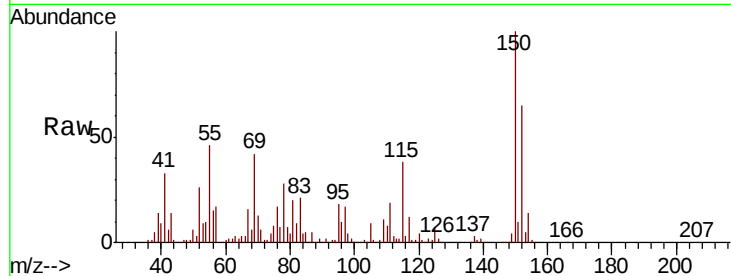
Tgt Ion:152 Resp: 275799

Ion Ratio Lower Upper

152 100

115 69.1 29.0 87.0

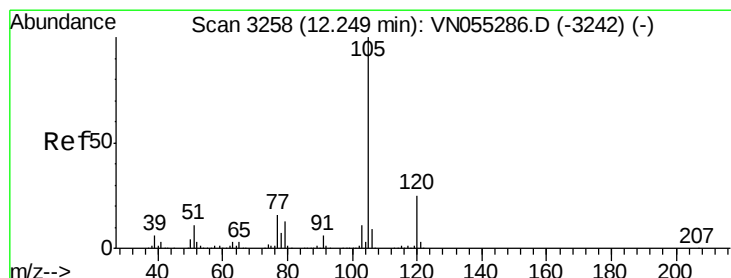
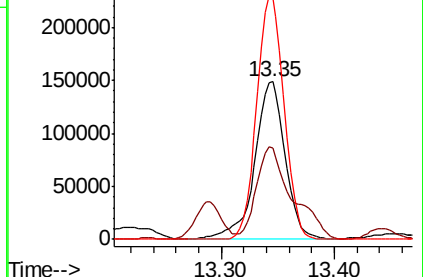
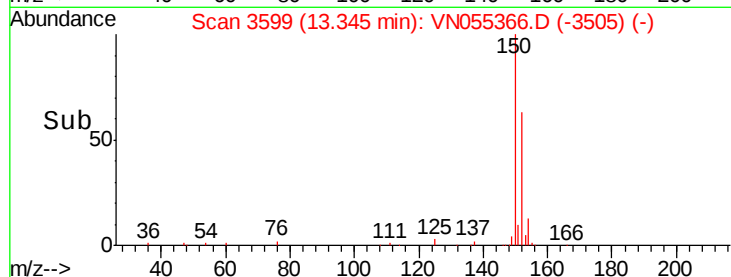
150 139.6 0.0 345.6



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: 14.176 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055366.D

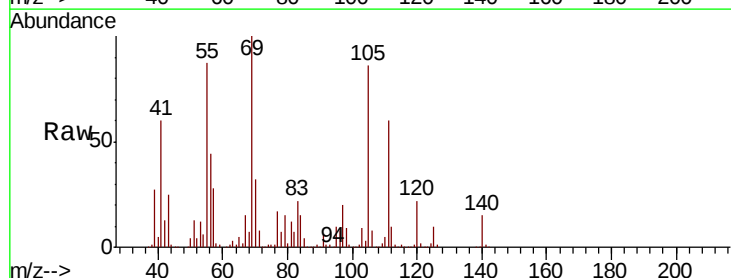
Acq: 2 May 2019 23:02

Tgt Ion:105 Resp: 360802

Ion Ratio Lower Upper

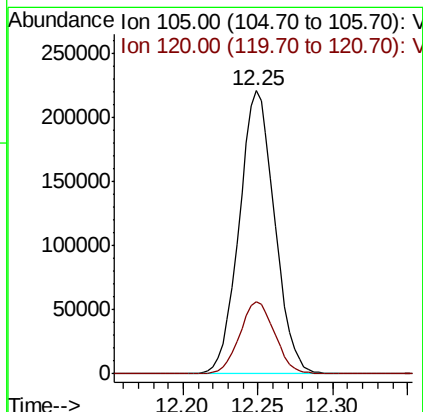
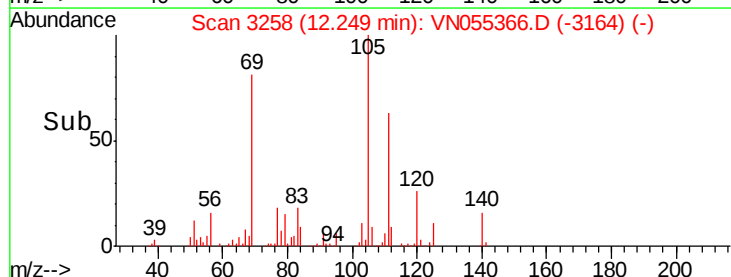
105 100

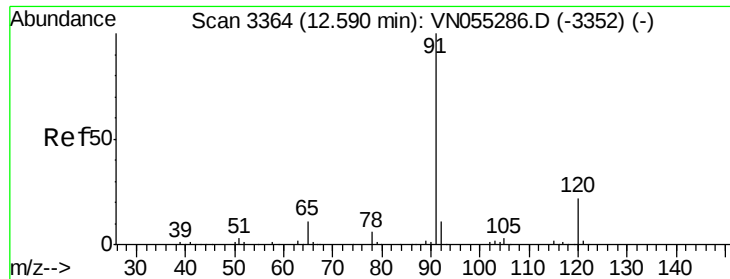
120 25.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

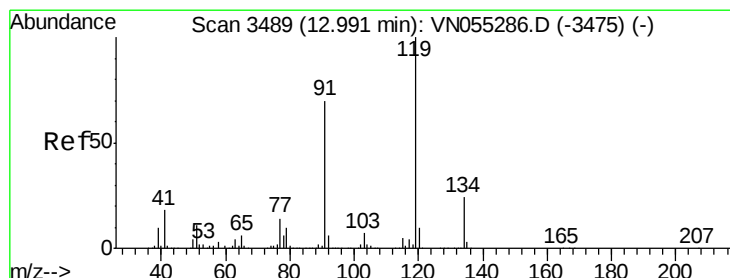
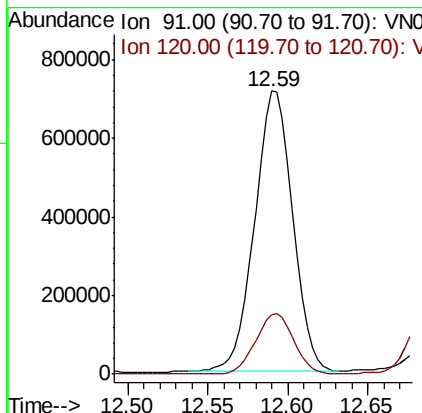
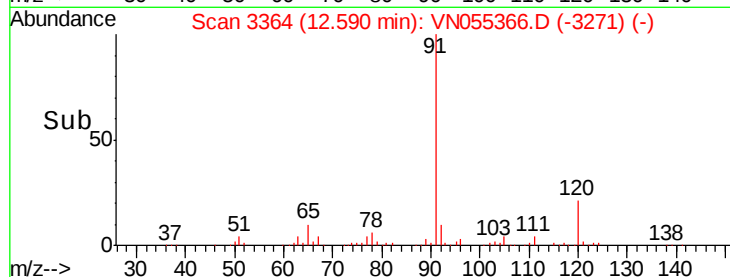
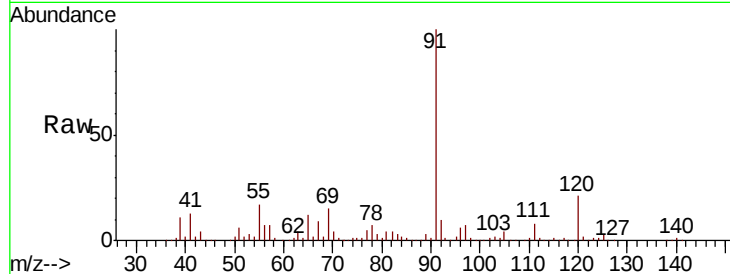




#78
n-propylbenzene
Concen: 41.283 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

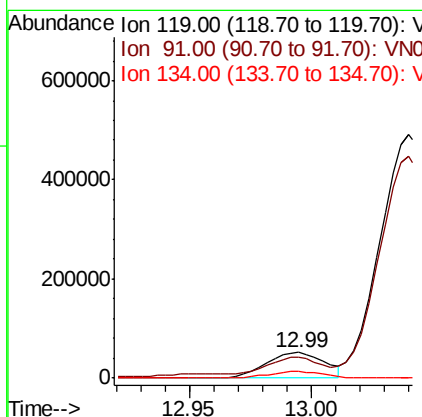
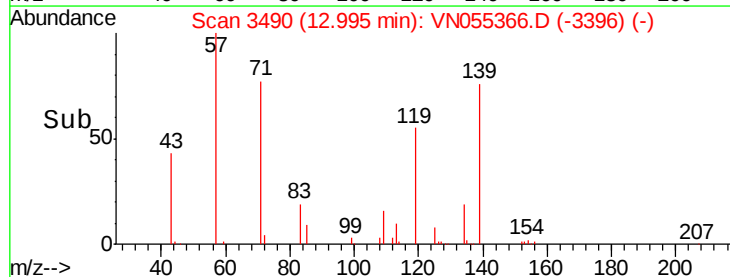
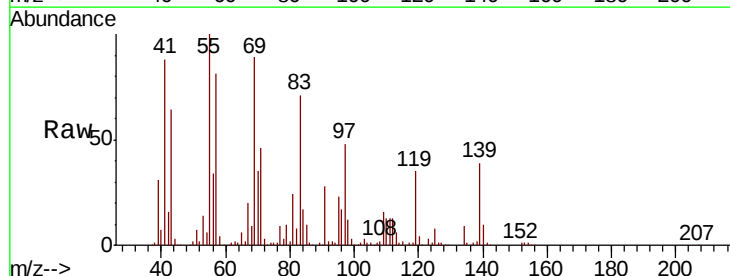
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(17-20)

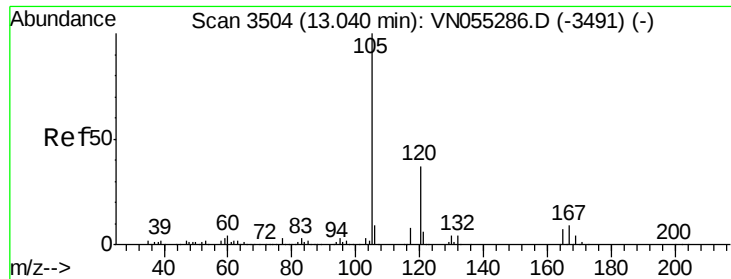
Tgt Ion: 91 Resp: 1169549
Ion Ratio Lower Upper
91 100
120 21.7 11.0 33.0



#83
tert-Butylbenzene
Concen: 2.886 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055366.D
Acq: 2 May 2019 23:02

Tgt Ion: 119 Resp: 86140
Ion Ratio Lower Upper
119 100
91 54.1 34.3 102.9
134 24.4 13.1 39.3

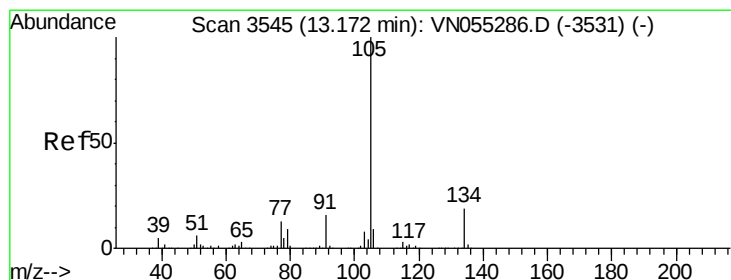
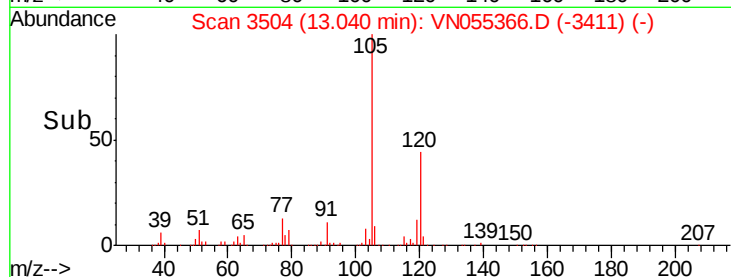
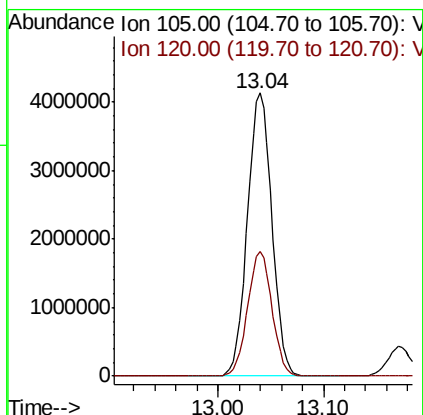
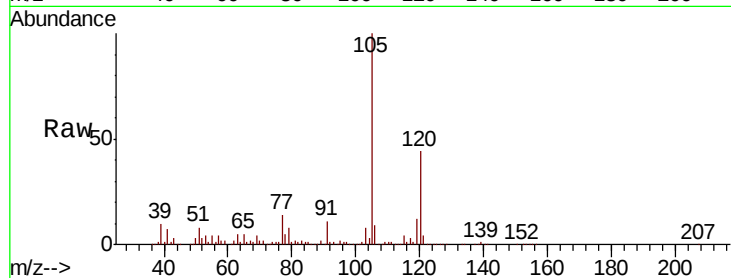




#84
 1,2,4-Trimethylbenzene
 Concen: 345.180 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055366.D
 Acq: 2 May 2019 23:02

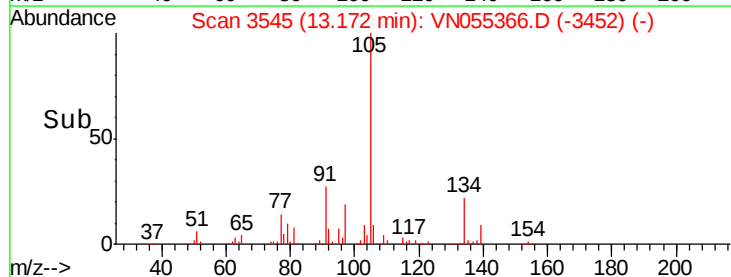
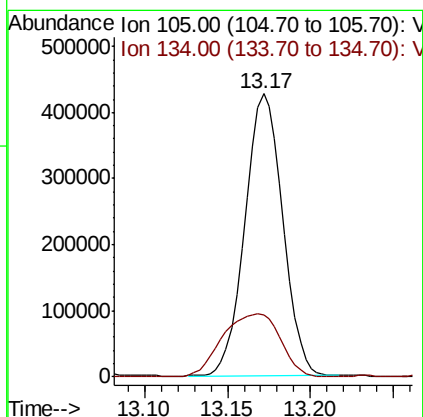
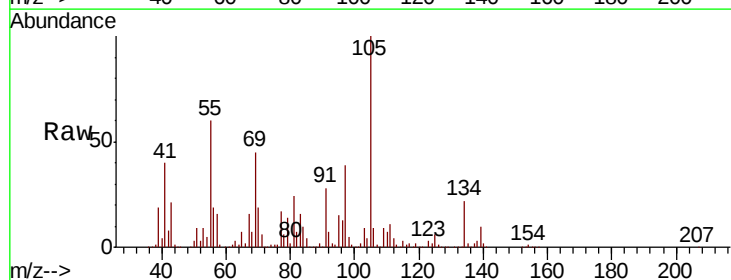
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(17-20)

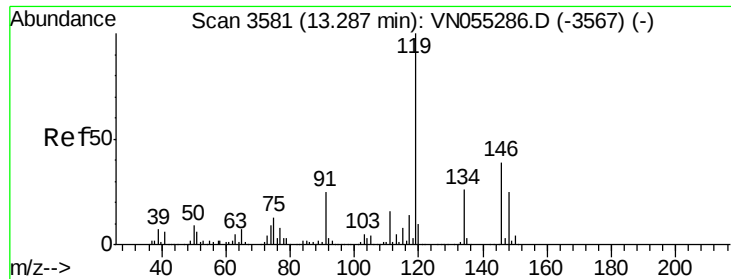
Tgt Ion:105 Resp: 6674864
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 28.829 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055366.D
 Acq: 2 May 2019 23:02

Tgt Ion:105 Resp: 677509
 Ion Ratio Lower Upper
 105 100
 134 34.4 9.6 28.8#

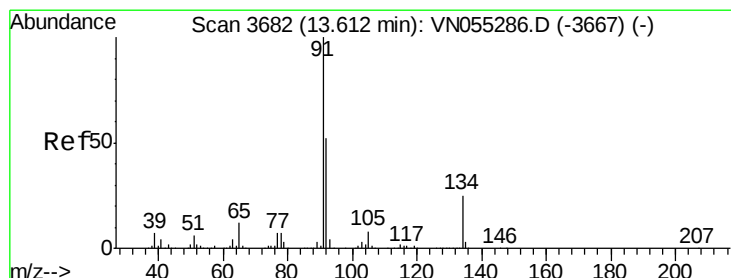
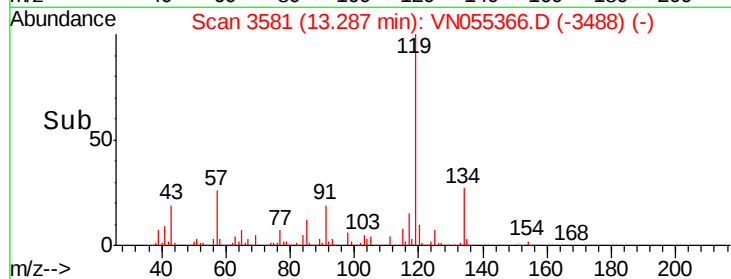
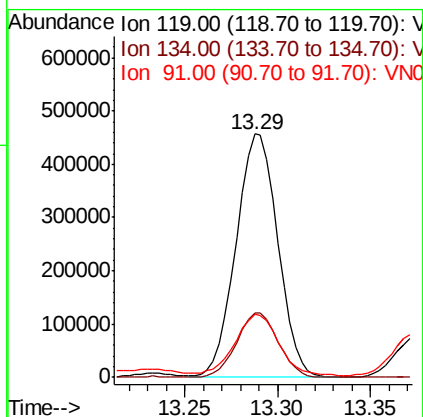
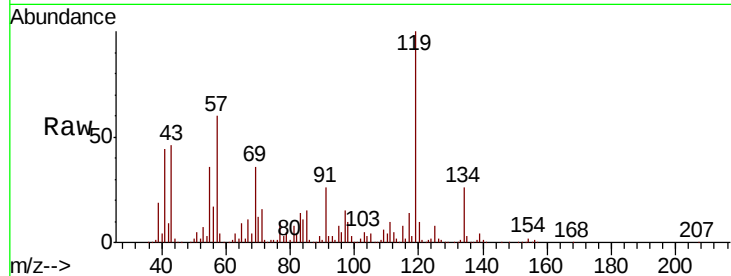




#86
 p-Isopropyltoluene
 Concen: 37.043 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055366.D
 Acq: 2 May 2019 23:02

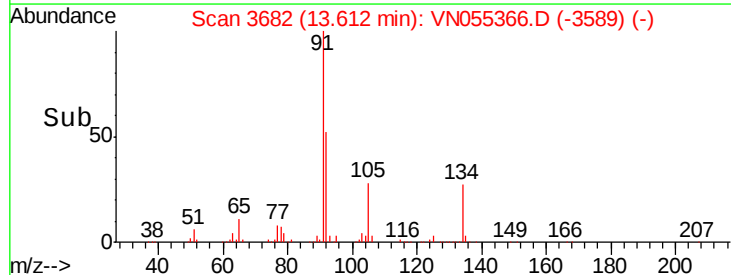
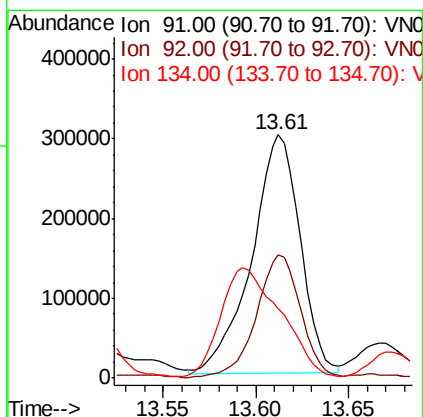
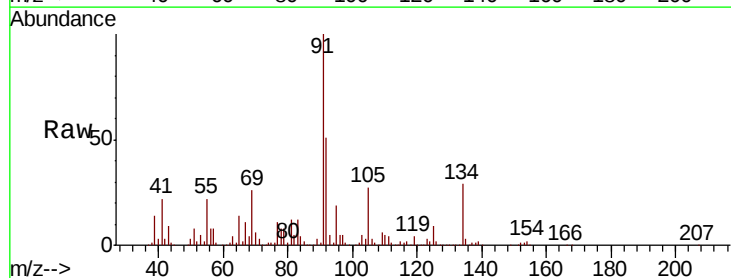
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(17-20)

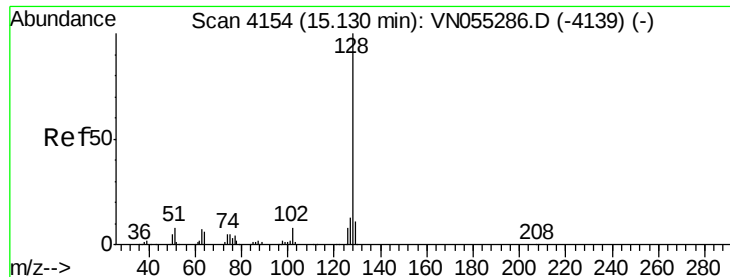
Tgt Ion: 119 Resp: 715513
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 25.8 12.2 36.6



#89
 n-Butylbenzene
 Concen: 39.859 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055366.D
 Acq: 2 May 2019 23:02

Tgt Ion: 91 Resp: 547081
 Ion Ratio Lower Upper
 91 100
 92 46.0 26.1 78.3
 134 57.5 12.4 37.4#





#95

Naphthalene

Concen: 10.156 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055366.D

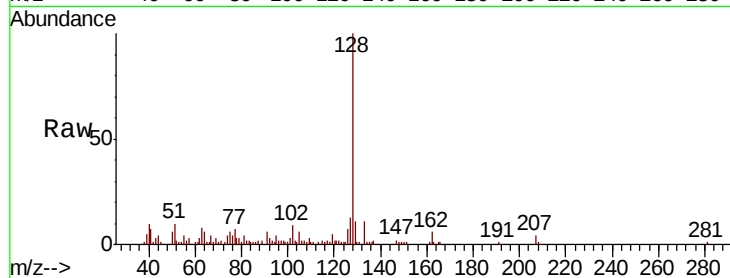
Acq: 2 May 2019 23:02

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W2(17-20)



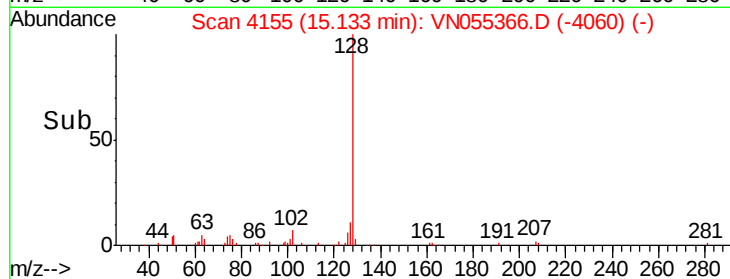
Tgt Ion:128 Resp: 56076

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

129 9.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

