

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054425.D
 Acq On : 19 Mar 2019 6:24
 Operator : JC/SP
 Sample : K1970-02 10X
 Misc : 6.11g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-2-E.WALL-NORTH

Quant Time: Mar 19 09:19:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	2000762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2815666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2424978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1133123	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	887378	41.76	ug/l	0.00
Spiked Amount			Recovery	=	83.52%	
35) Dibromofluoromethane	7.59	113	830831	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	
50) Toluene-d8	10.09	98	3286897	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.40	95	1065689	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	

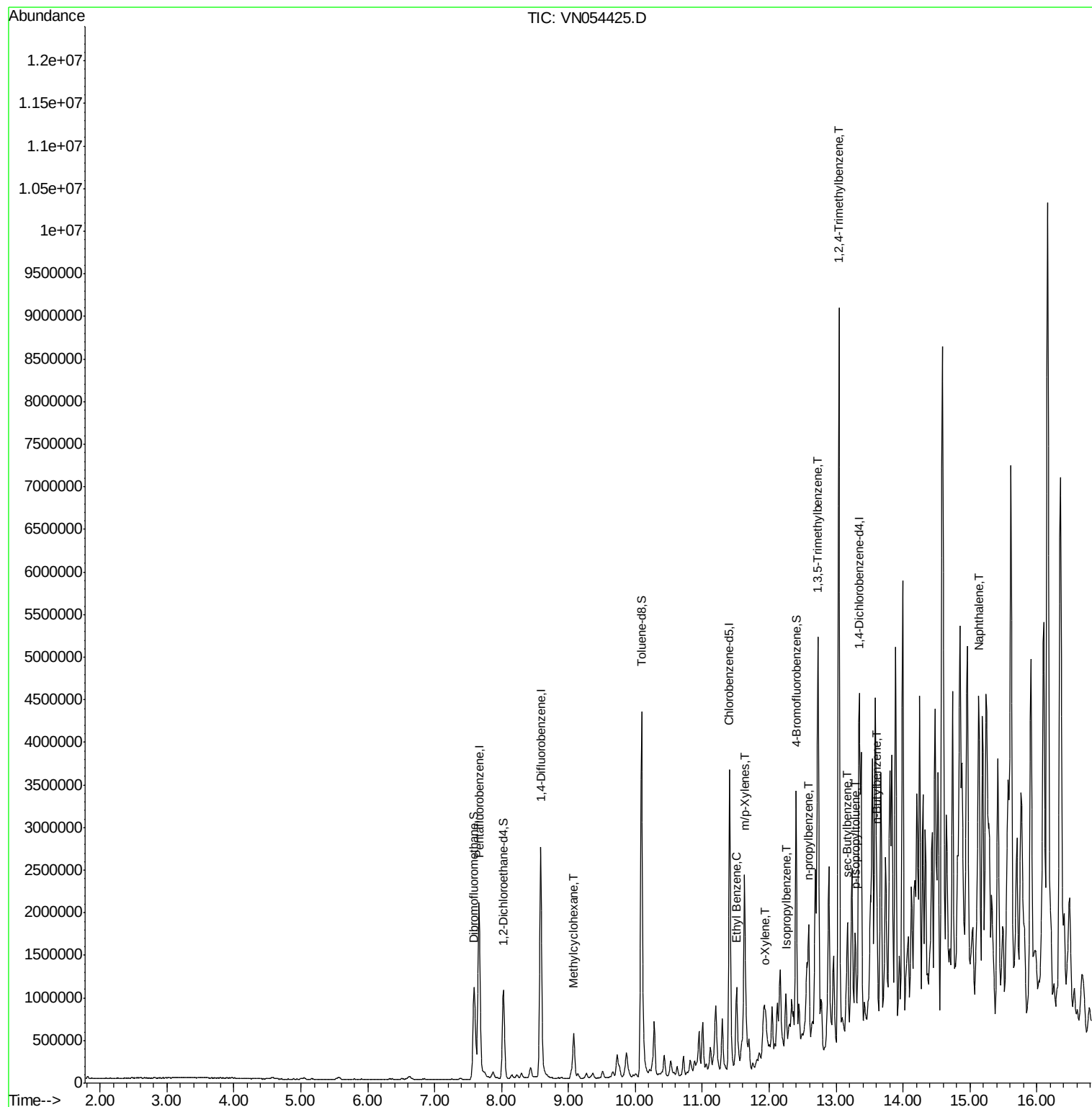
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	255125	7.997	ug/l	98
67) Ethyl Benzene	11.51	91	739015	8.373	ug/l	99
68) m/p-Xylenes	11.62	106	272727	7.906	ug/l	99
69) o-Xylene	11.95	106	104359	3.103	ug/l	96
73) Isopropylbenzene	12.25	105	488688	5.391	ug/l	100
78) n-propylbenzene	12.59	91	1130720	11.495	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1018338	13.504	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	5094605	68.866	ug/l	100
85) sec-Butylbenzene	13.17	105	875943	9.731	ug/l	89
86) p-Isopropyltoluene	13.29	119	523057	6.624	ug/l	98
89) n-Butylbenzene	13.61	91	621860	10.364	ug/l #	74
95) Naphthalene	15.13	128	2610954	52.359	ug/l	99

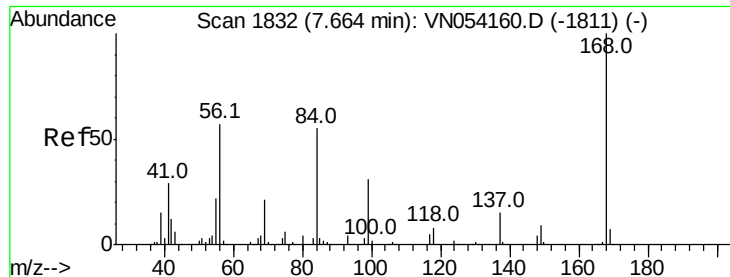
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
Data File : VN054425.D
Acq On : 19 Mar 2019 6:24
Operator : JC/SP
Sample : K1970-02 10X
Misc : 6.11g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P-2-E.WALL-NORTH

Quant Time: Mar 19 09:19:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054425.D

Acq: 19 Mar 2019 6:24

Instrument :

MSVOA_N

ClientSampleId :

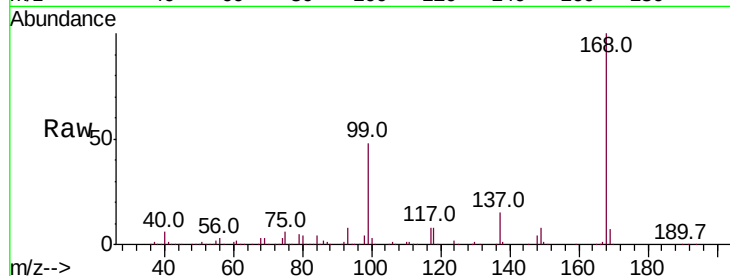
P-2-E.WALL-NORTH

Tot Ion:168 Resp: 2000762

Ion Ratio Lower Upper

168 100

99 48.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

800000

600000

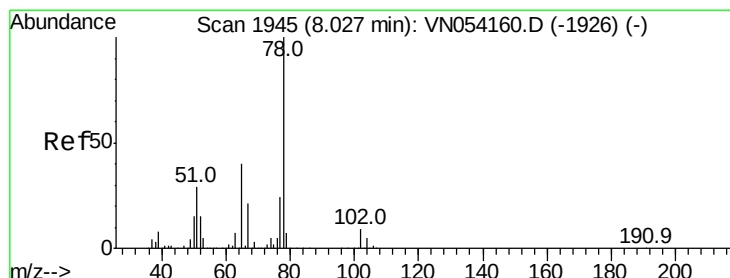
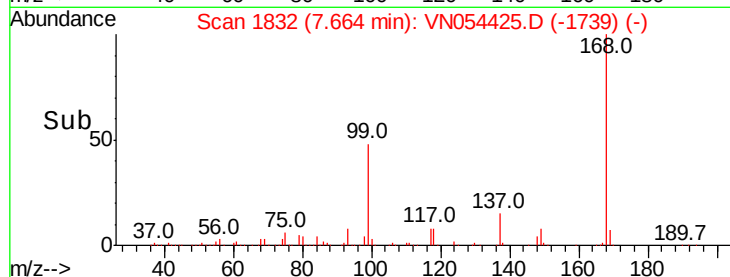
400000

200000

0

Time-->

7.60 7.80 8.00



#33

1,2-Dichloroethane-d4

Concen: 41.763 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054425.D

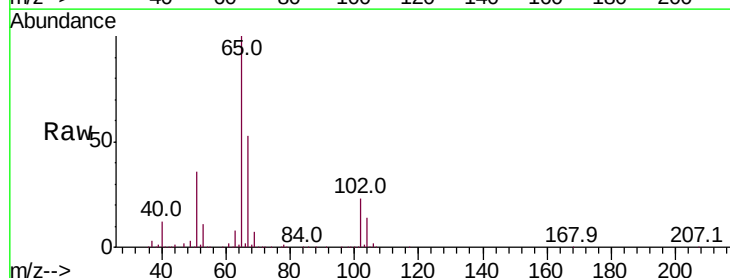
Acq: 19 Mar 2019 6:24

Tgt Ion: 65 Resp: 887378

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

400000

300000

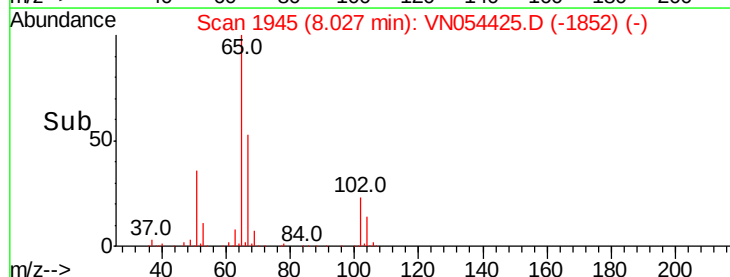
200000

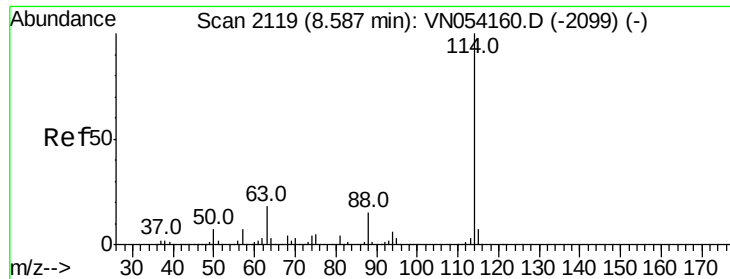
100000

0

Time-->

7.90 8.00 8.10



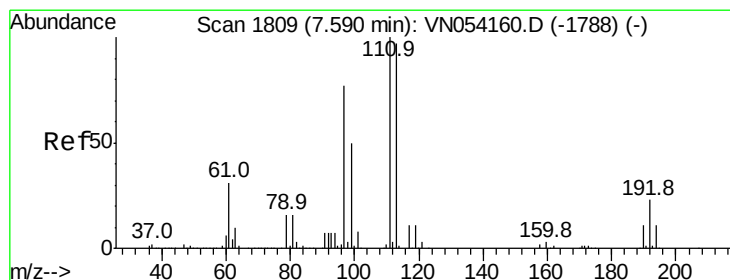
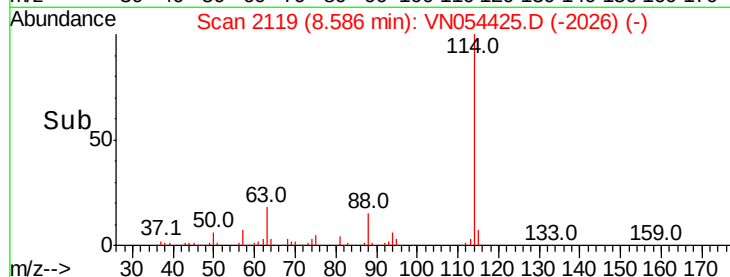
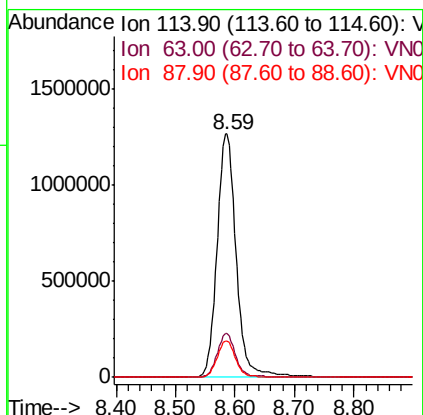
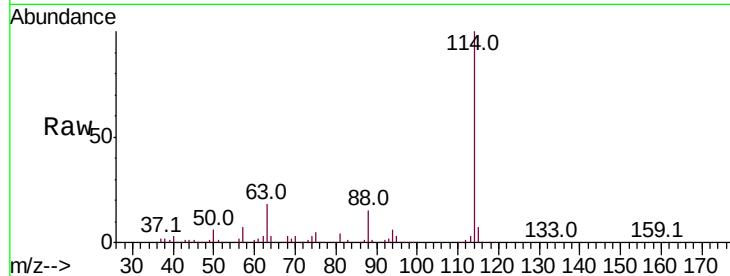


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054425.D
 Acq: 19 Mar 2019 6:24

Instrument :
 MSVOA_N
 ClientSampleId :
 P-2-E.WALL-NORTH

Tot Ion:114 Resp: 2815666

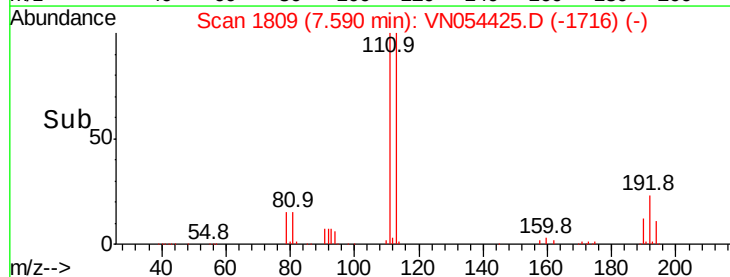
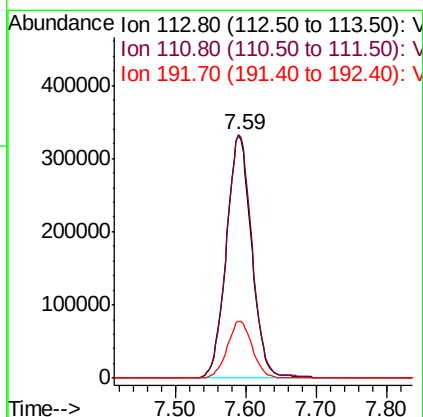
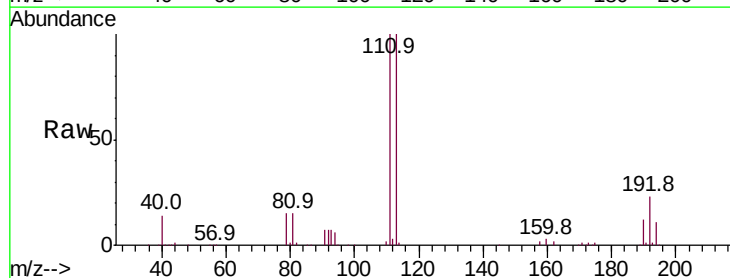
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.2
88	15.0	0.0	30.2

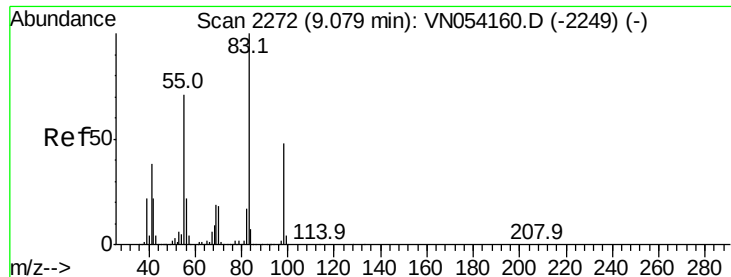


#35
 Dibromofluoromethane
 Concen: 45.751 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054425.D
 Acq: 19 Mar 2019 6:24

Tgt Ion:113 Resp: 830831

Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.2	123.4
192	23.1	19.2	28.8

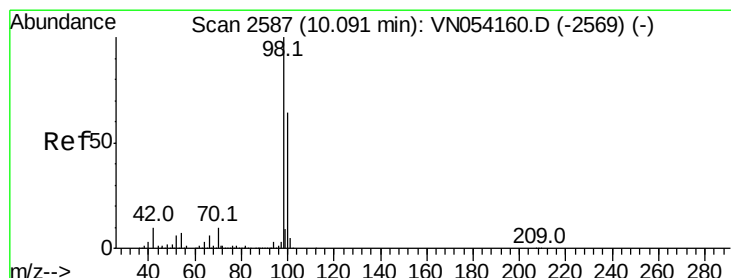
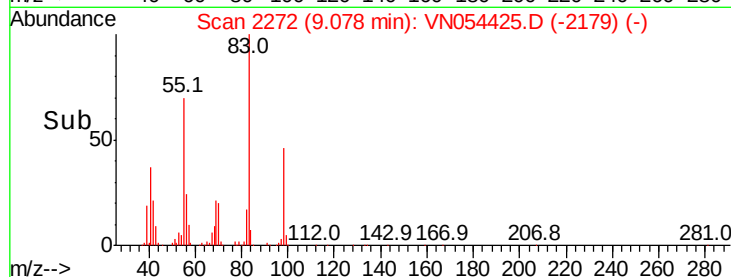
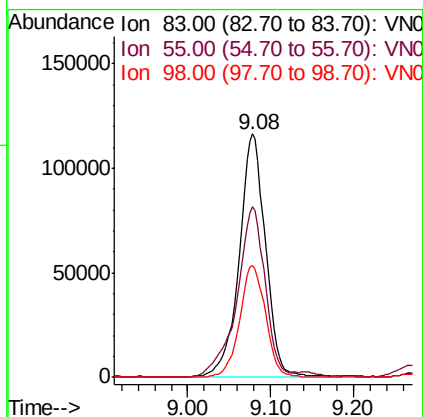
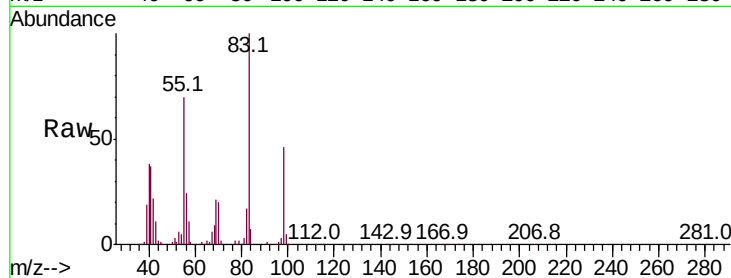




#39
Methylvlcyclohexane
Concen: 7.997 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054425.D
Acq: 19 Mar 2019 6:24

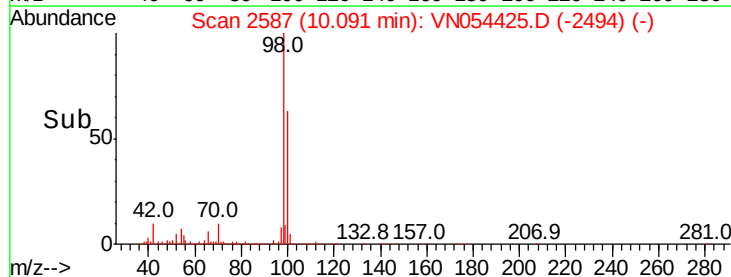
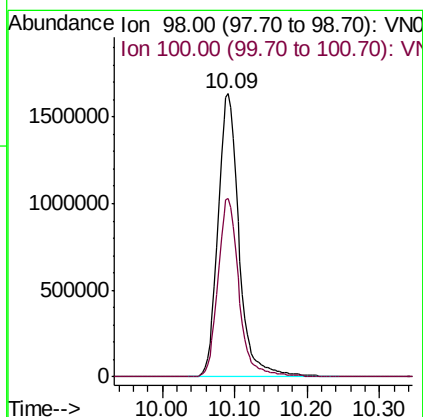
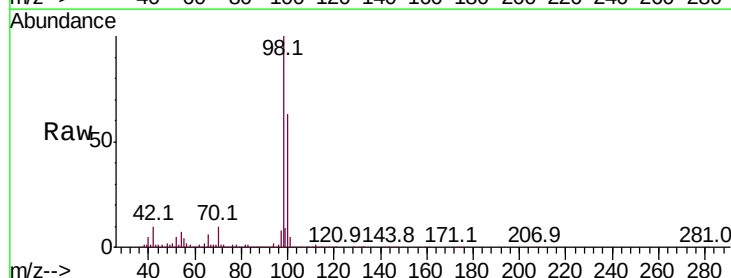
Instrument :
MSVOA_N
ClientSampleId :
P-2-E.WALL-NORTH

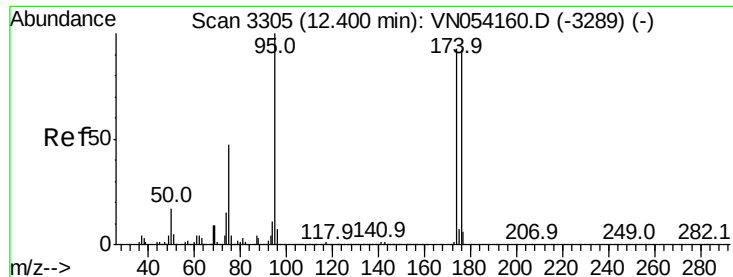
Tot Ion	83	Resp	255125
Ion Ratio	Lower	Upper	
83	100		
55	70.0	56.6	84.8
98	46.2	38.4	57.6



#50
Toluene-d8
Concen: 49.009 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054425.D
Acq: 19 Mar 2019 6:24

Tgt Ion	98	Resp	3286897
Ion Ratio	Lower	Upper	
98	100		
100	63.2	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 45.413 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054425.D

Acq: 19 Mar 2019 6:24

Instrument :

MSVOA_N

ClientSampleId :

P-2-E.WALL-NORTH

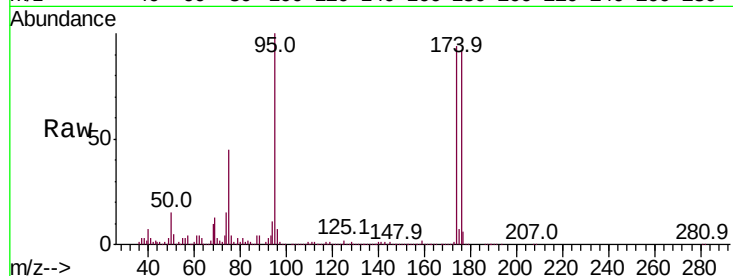
Tot Ion: 95 Resp: 1065689

Ion Ratio Lower Upper

95 100

174 96.1 0.0 191.0

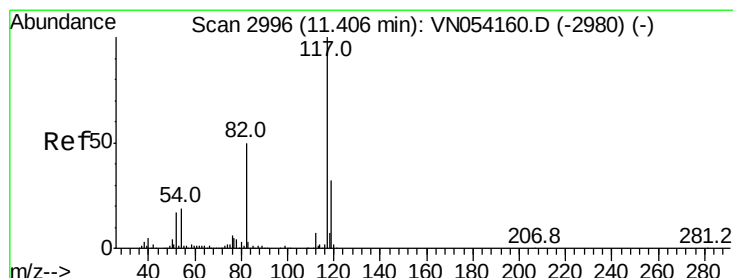
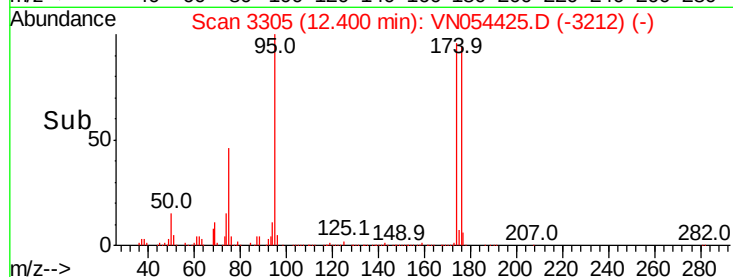
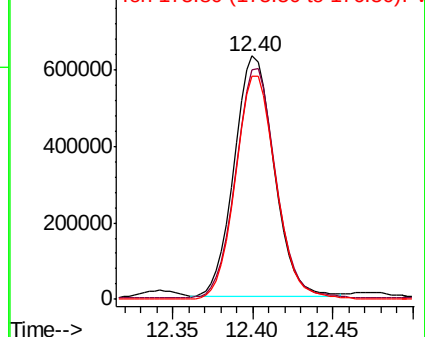
176 94.8 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054425.D

Acq: 19 Mar 2019 6:24

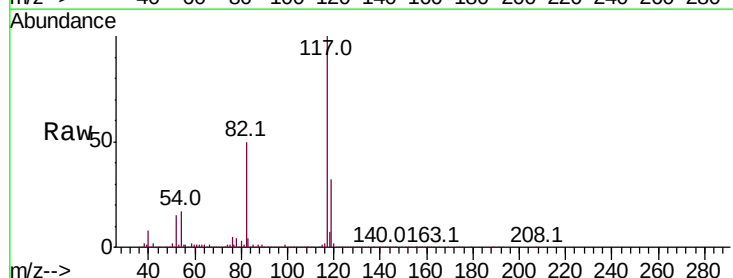
Tgt Ion: 117 Resp: 2424978

Ion Ratio Lower Upper

117 100

82 49.7 40.0 60.0

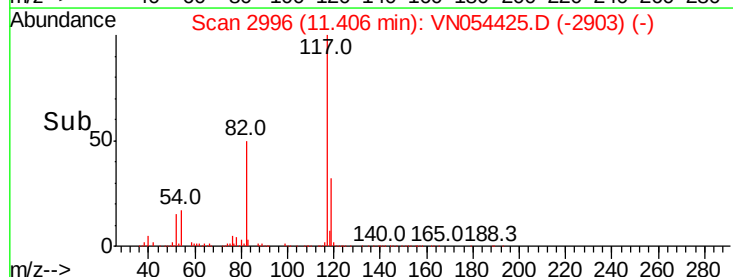
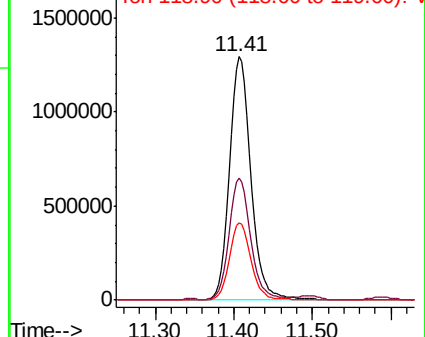
119 31.9 25.8 38.6

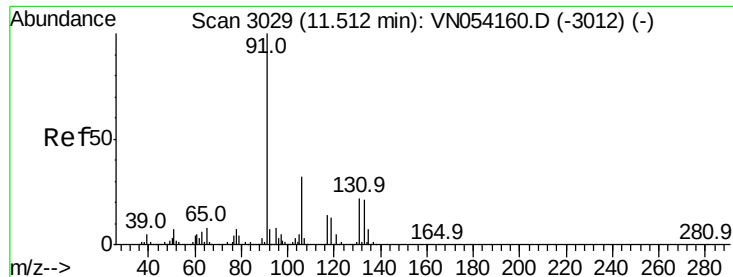


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)





#67

Ethyl Benzene

Concen: 8.373 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN054425.D

Acq: 19 Mar 2019 6:24

Instrument :

MSVOA_N

ClientSampleId :

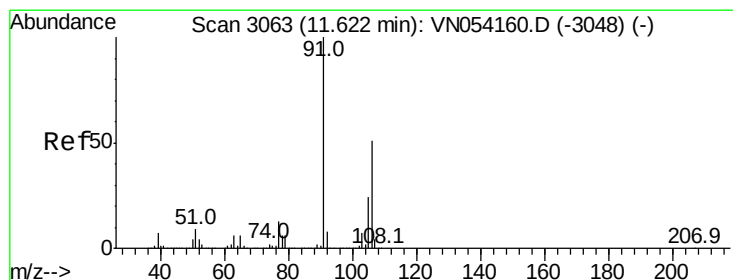
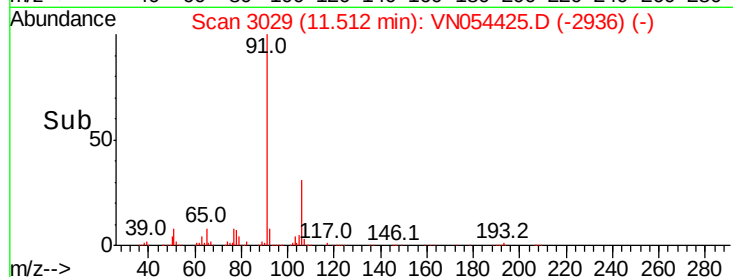
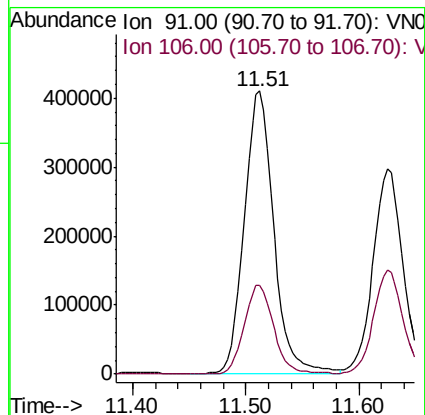
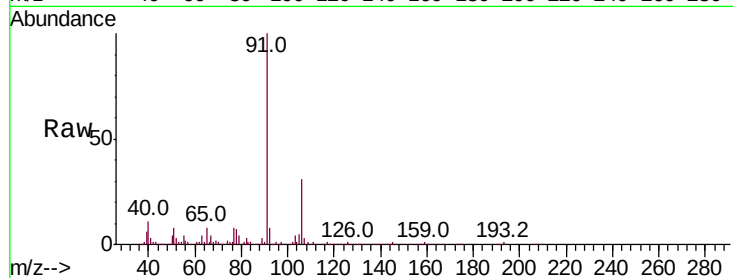
P-2-E.WALL-NORTH

Tot Ion: 91 Resp: 739015

Ion Ratio Lower Upper

91 100

106 31.4 25.5 38.3



#68

m/p-Xylenes

Concen: 7.906 ug/l

RT: 11.62 min Scan# 3064

Delta R.T. 0.00 min

Lab File: VN054425.D

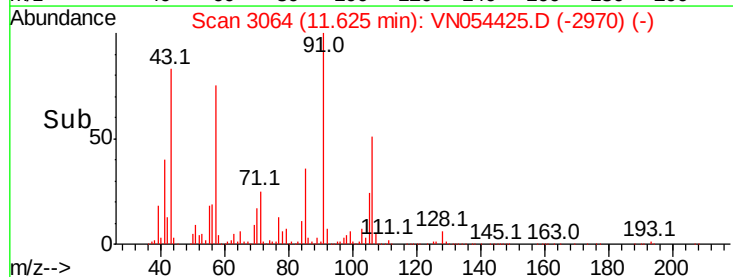
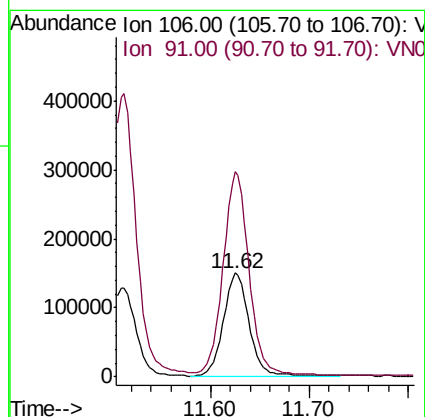
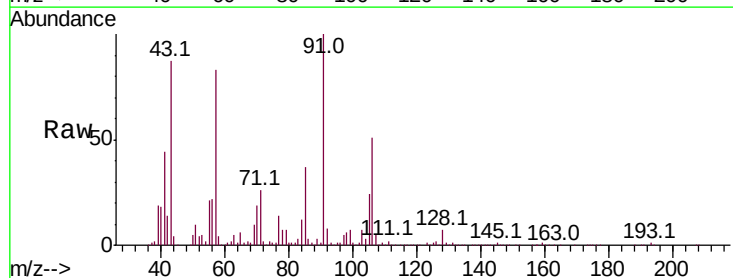
Acq: 19 Mar 2019 6:24

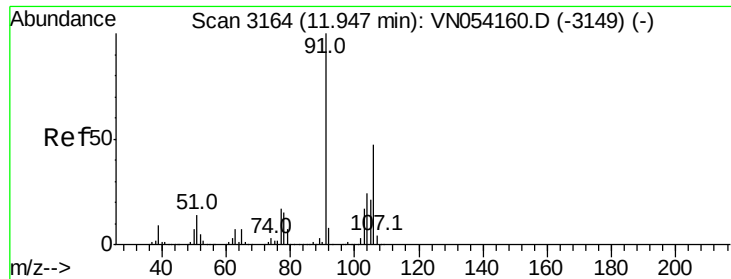
Tgt Ion: 106 Resp: 272727

Ion Ratio Lower Upper

106 100

91 200.6 159.4 239.2

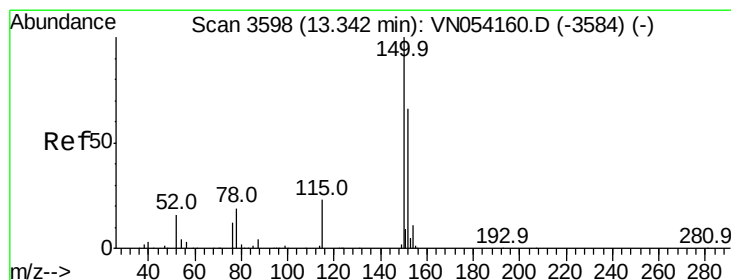
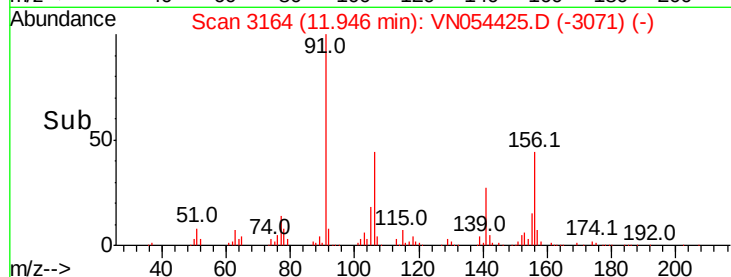
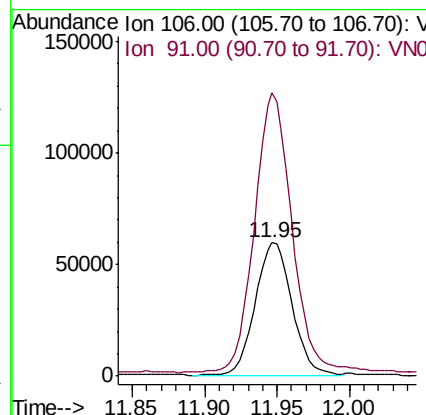
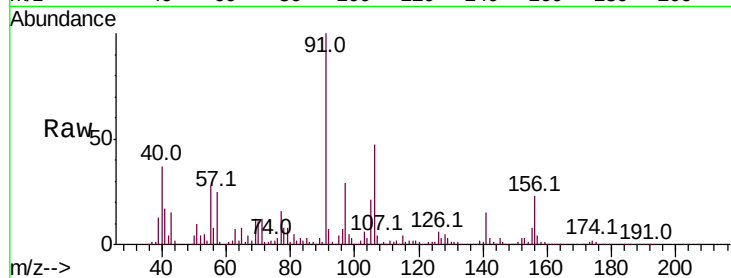




#69
o-Xylene
Concen: 3.103 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054425.D
Acq: 19 Mar 2019 6:24

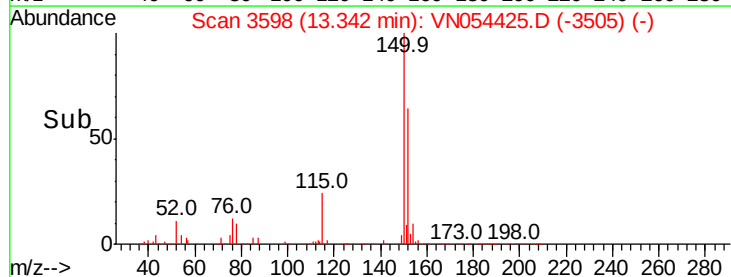
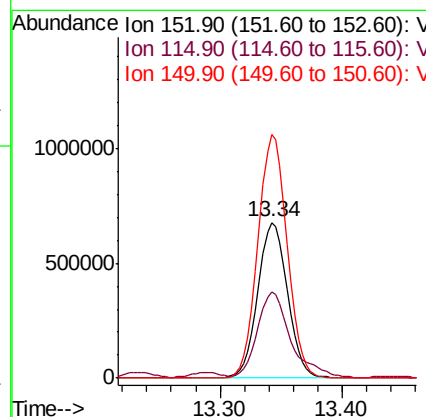
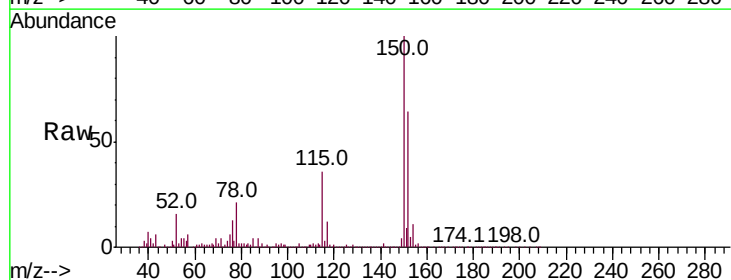
Instrument :
MSVOA_N
ClientSampleId :
P-2-E.WALL-NORTH

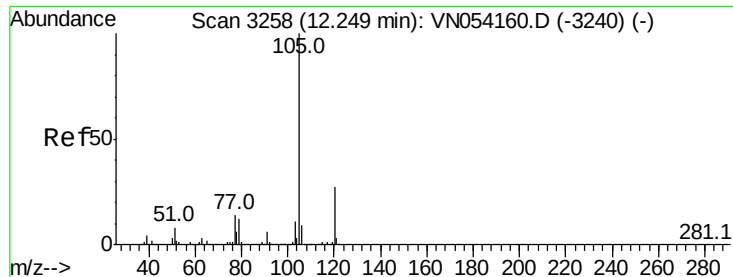
Tot Ion:106 Resp: 104359
Ion Ratio Lower Upper
106 100
91 217.2 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054425.D
Acq: 19 Mar 2019 6:24

Tgt Ion:152 Resp: 1133123
Ion Ratio Lower Upper
152 100
115 61.2 27.2 81.6
150 154.2 0.0 349.2





#73

Isopropylbenzene

Concen: 5.391 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054425.D

Acq: 19 Mar 2019 6:24

Instrument :

MSVOA_N

ClientSampleId :

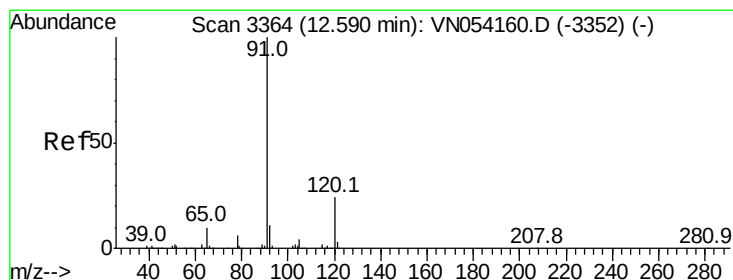
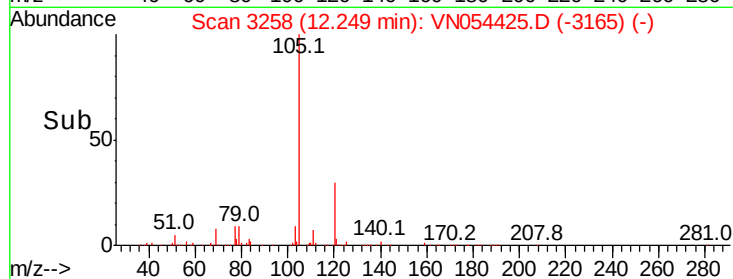
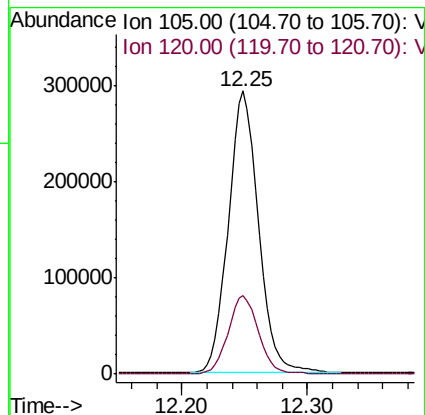
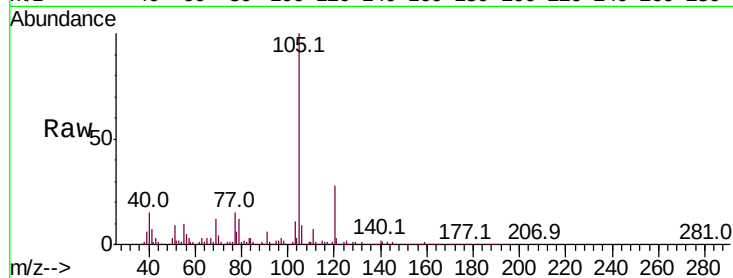
P-2-E.WALL-NORTH

Tot Ion:105 Resp: 488688

Ion Ratio Lower Upper

105 100

120 27.7 13.8 41.3



#78

n-propylbenzene

Concen: 11.495 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054425.D

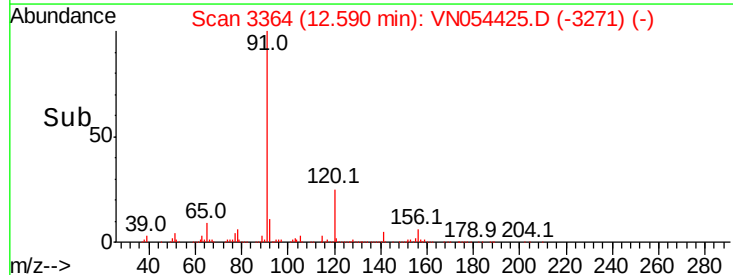
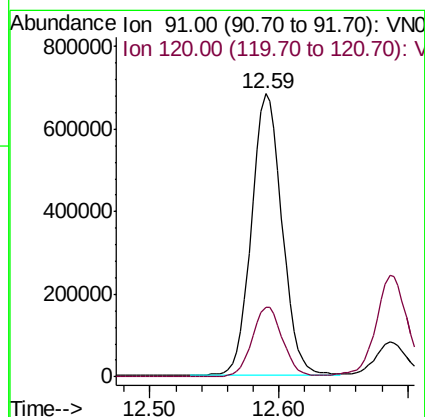
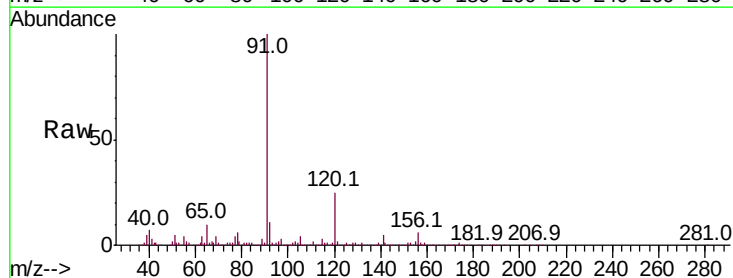
Acq: 19 Mar 2019 6:24

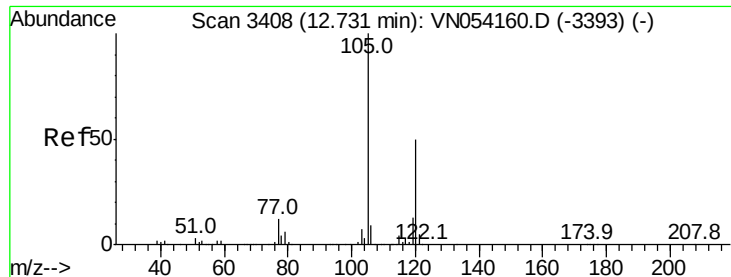
Tgt Ion: 91 Resp: 1130720

Ion Ratio Lower Upper

91 100

120 24.6 12.3 36.9





#80

1,3,5-Trimethylbenzene

Concen: 13.504 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054425.D

Acq: 19 Mar 2019 6:24

Instrument :

MSVOA_N

ClientSampleId :

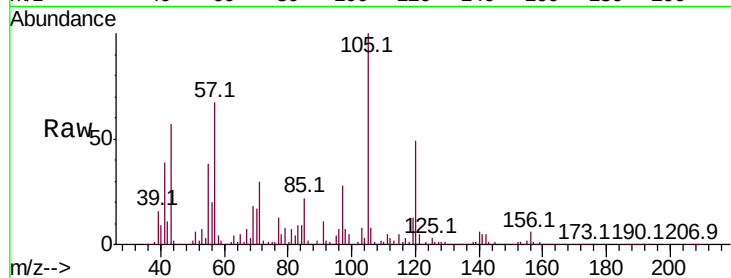
P-2-E.WALL-NORTH

Tot Ion:105 Resp: 1018338

Ion Ratio Lower Upper

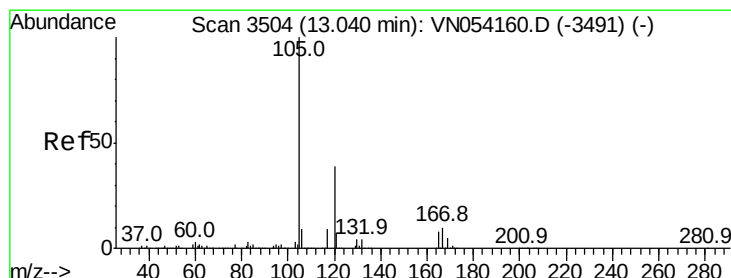
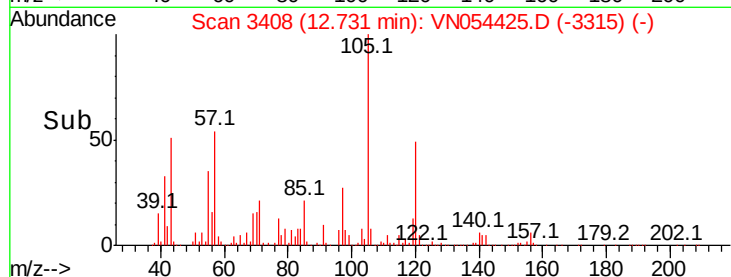
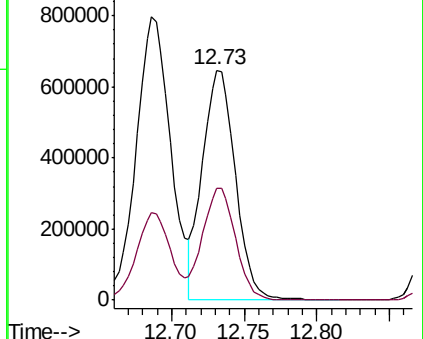
105 100

120 49.6 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 68.866 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054425.D

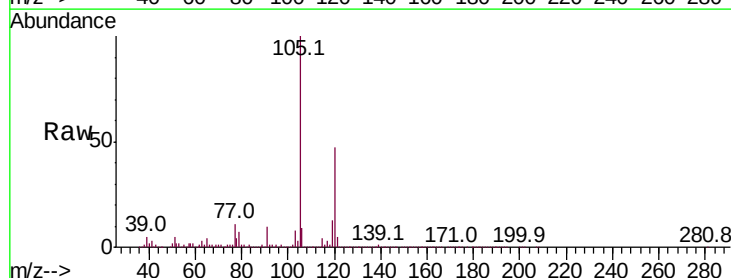
Acq: 19 Mar 2019 6:24

Tgt Ion:105 Resp: 5094605

Ion Ratio Lower Upper

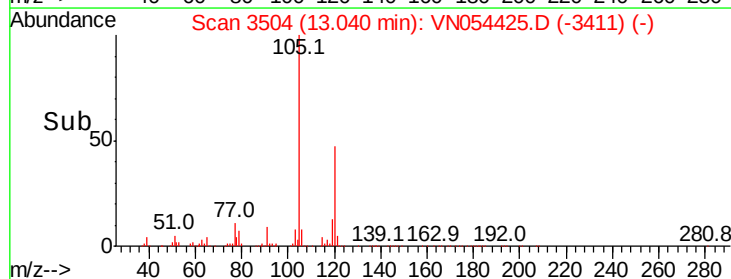
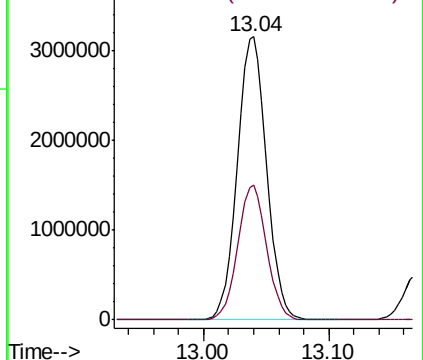
105 100

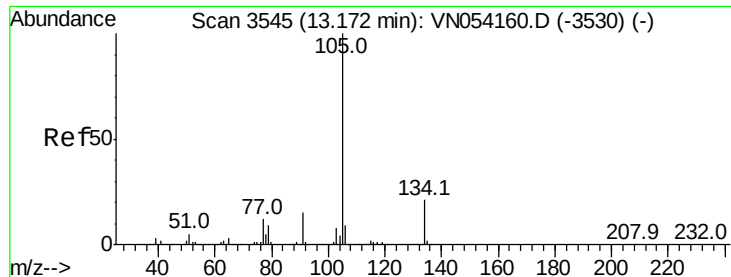
120 47.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

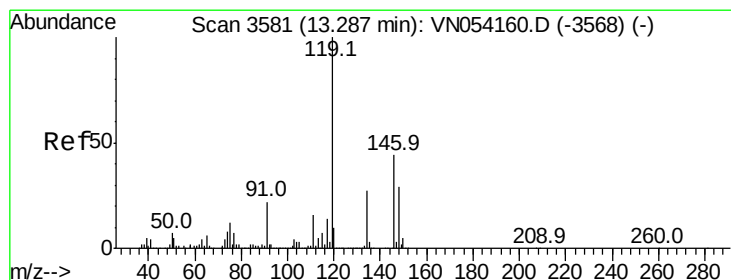
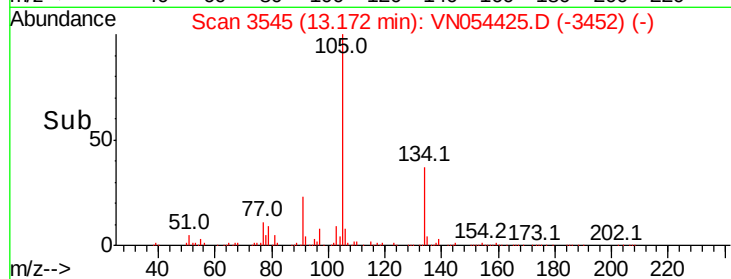
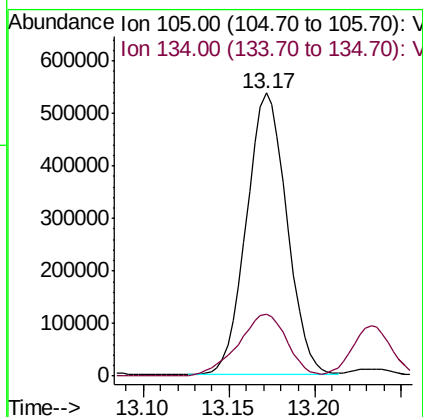
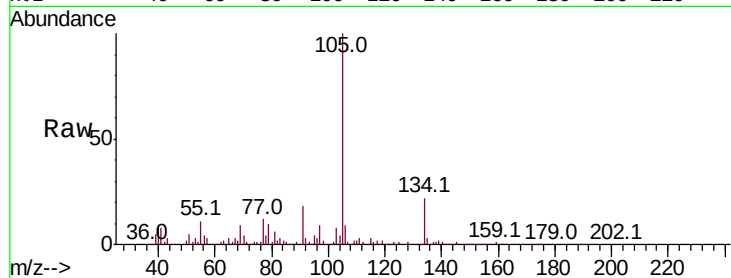




#85
 sec-Butylbenzene
 Concen: 9.731 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN054425.D
 Acq: 19 Mar 2019 6:24

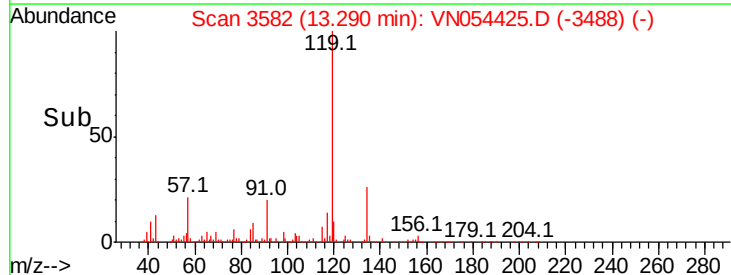
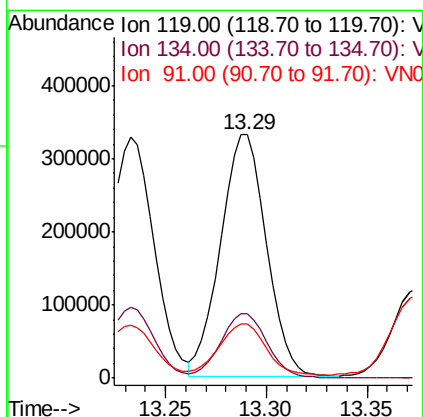
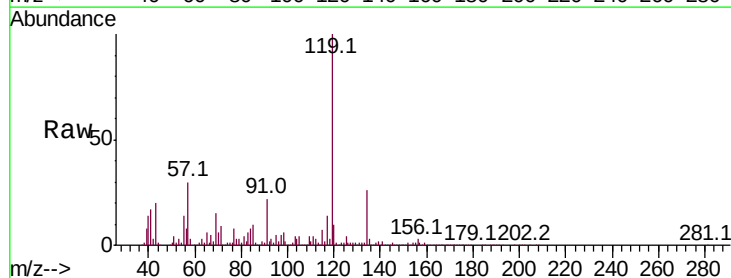
Instrument :
 MSVOA_N
 ClientSampleId :
 P-2-E.WALL-NORTH

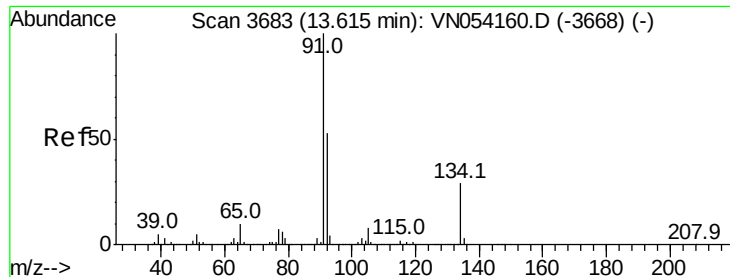
Tot Ion:105 Resp: 875943
 Ion Ratio Lower Upper
 105 100
 134 26.6 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 6.624 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN054425.D
 Acq: 19 Mar 2019 6:24

Tgt Ion:119 Resp: 523057
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.8
 91 21.0 11.1 33.3





#89

n-Butylbenzene

Concen: 10.364 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054425.D

Acq: 19 Mar 2019 6:24

Instrument :

MSVOA_N

ClientSampleId :

P-2-E.WALL-NORTH

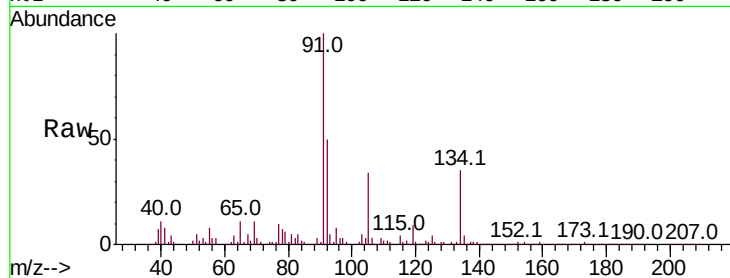
Tot Ion: 91 Resp: 621860

Ion Ratio Lower Upper

91 100

92 60.2 26.2 78.6

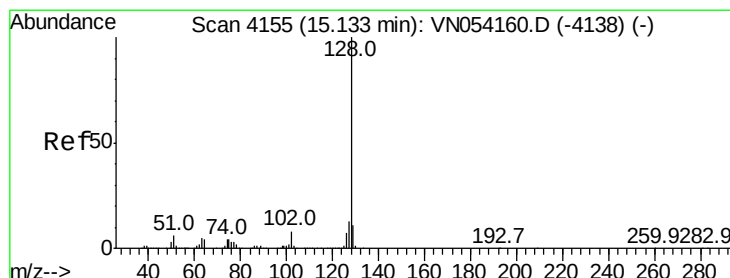
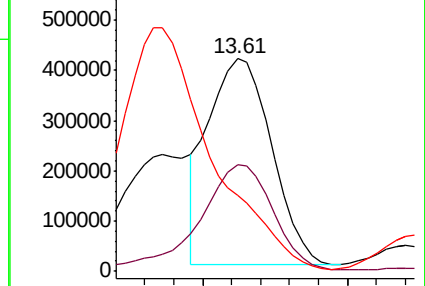
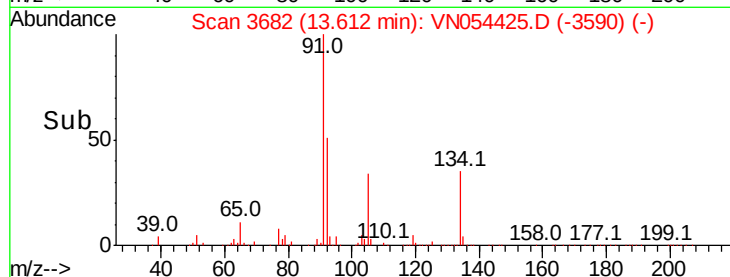
134 0.0 14.3 42.9#



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN054160.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN054160.D (-3668) (-)



#95

Naphthalene

Concen: 52.359 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054425.D

Acq: 19 Mar 2019 6:24

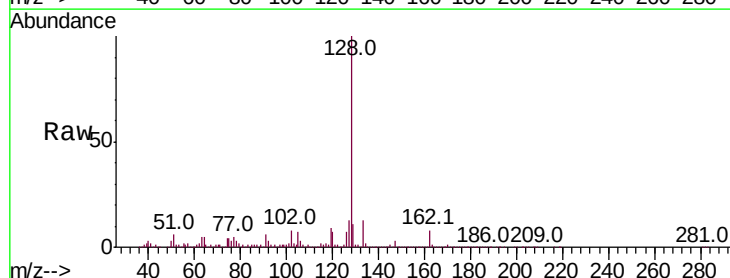
Tgt Ion: 128 Resp: 2610954

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VN054160.D (-4138) (-)

Ion 127.00 (126.70 to 127.70): VN054160.D (-4138) (-)

Ion 129.00 (128.70 to 129.70): VN054160.D (-4138) (-)

