

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
 Data File : VX014845.D
 Acq On : 06 Feb 2020 14:14
 Operator : JC/SP
 Sample : L1346-05
 Misc : 6.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PD-3-(35-37)

Quant Time: Feb 07 01:04:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

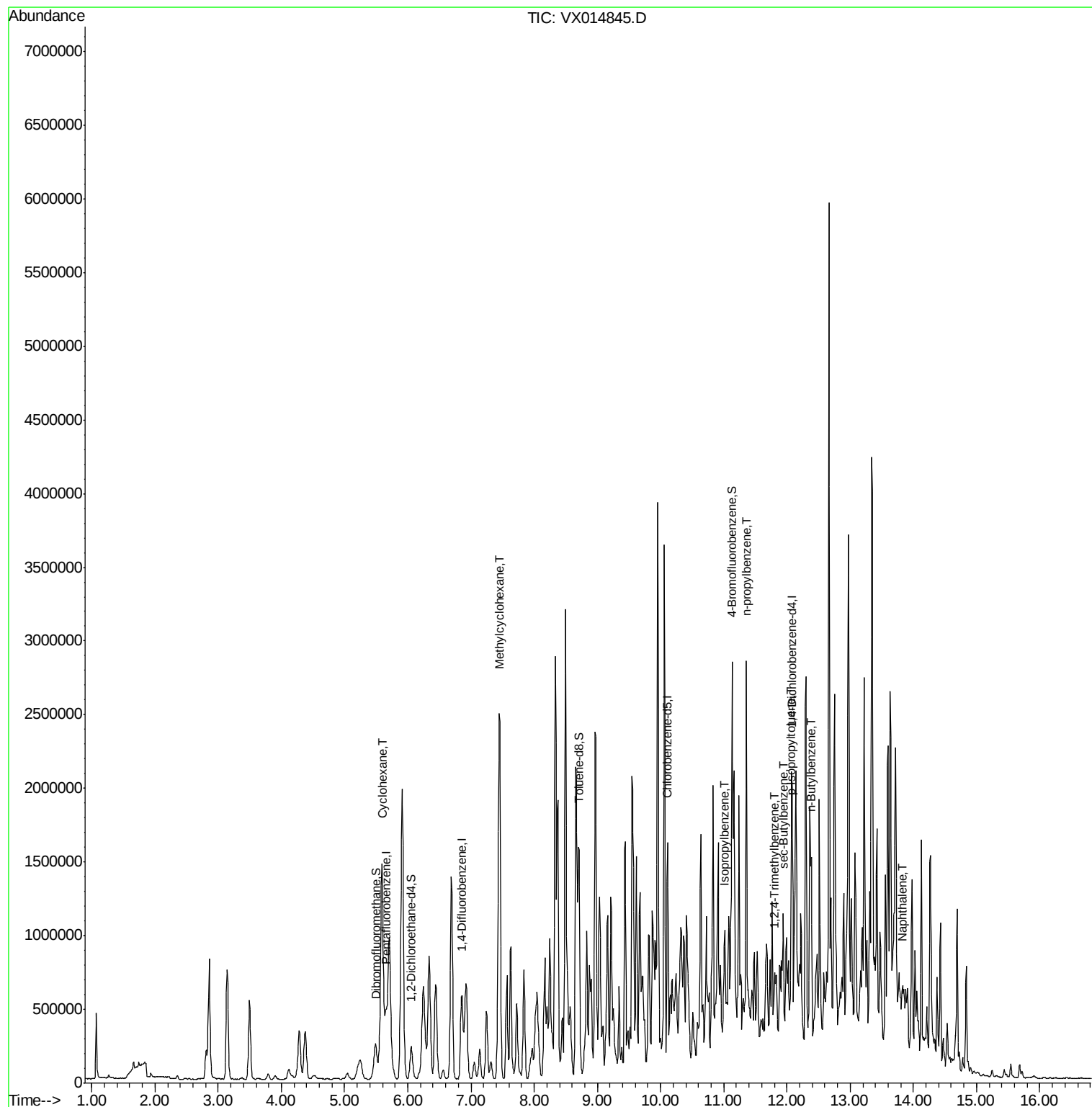
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	428391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	649766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	594552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	313060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	237229	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
35) Dibromofluoromethane	5.49	113	190552	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	8.71	98	796683	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.14	95	298699	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
Target Compounds						
						Qvalue
31) Cyclohexane	5.59	56	411888	52.950	ug/l #	48
39) Methylcyclohexane	7.45	83	1100026	145.434	ug/l	97
73) Isopropylbenzene	11.01	105	246511	11.199	ug/l	99
78) n-propylbenzene	11.35	91	1499632	60.019	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	41938	2.289	ug/l	97
85) sec-Butylbenzene	11.94	105	220217	10.471	ug/l	92
86) p-Isopropyltoluene	12.06	119	53386	2.747	ug/l	94
89) n-Butylbenzene	12.38	91	543301	32.095	ug/l #	77
95) Naphthalene	13.83	128	244591	11.870	ug/l #	87

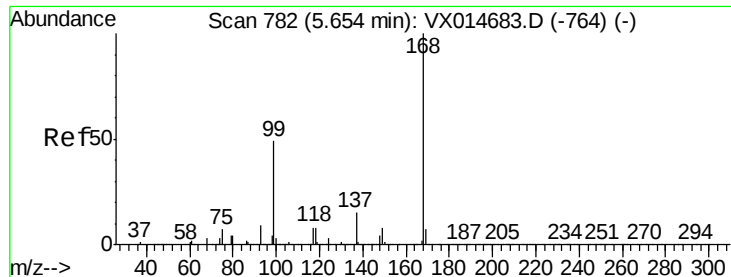
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PD-3-(35-37)

Quant Time: Feb 07 01:04:49 2020
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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

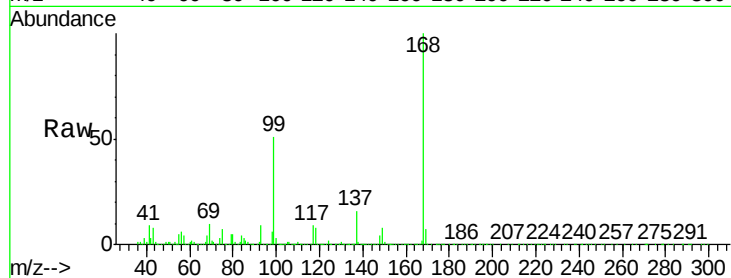
PD-3-(35-37)

Tot Ion:168 Resp: 428391

Ion Ratio Lower Upper

168 100

99 50.6 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

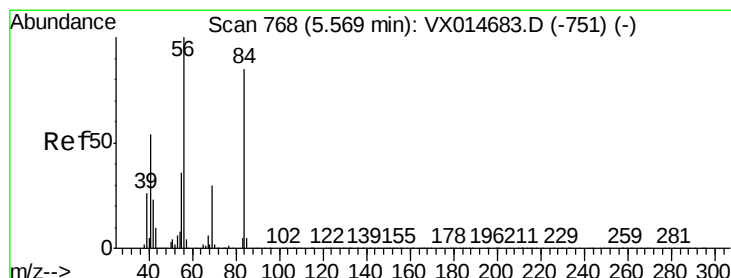
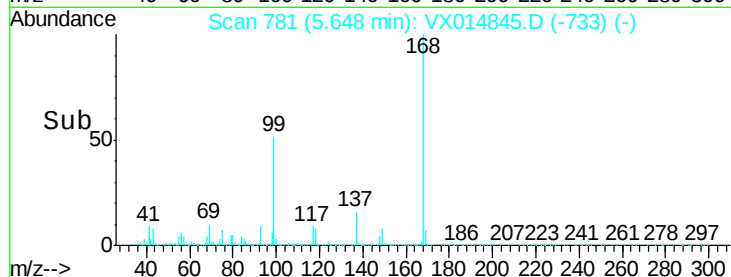
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 52.950 ug/l

RT: 5.59 min Scan# 771

Delta R.T. 0.02 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

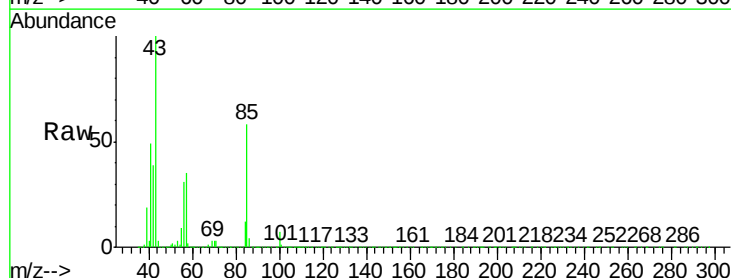
Tgt Ion: 56 Resp: 411888

Ion Ratio Lower Upper

56 100

69 0.1 23.4 35.2#

84 38.3 68.4 102.6#



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

250000

200000

150000

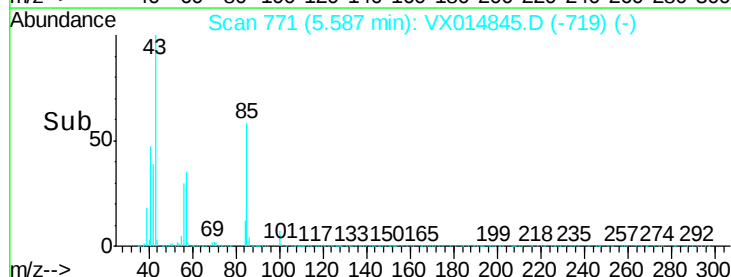
100000

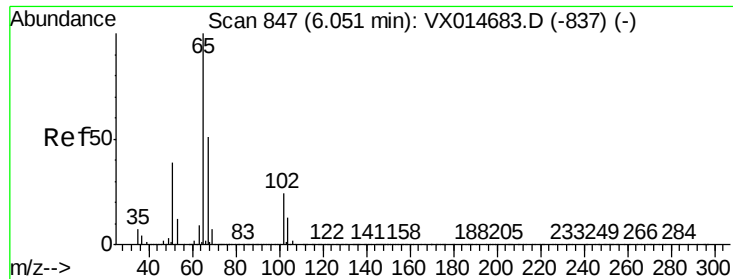
50000

0

Time-->

5.50 5.60 5.70





#33

1,2-Dichloroethane-d4

Concen: 47.421 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

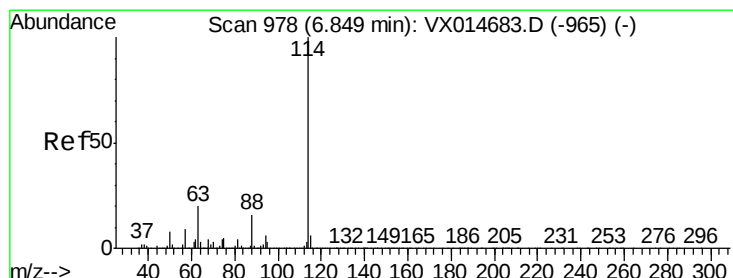
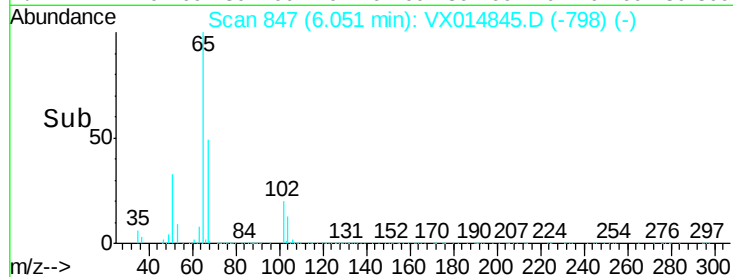
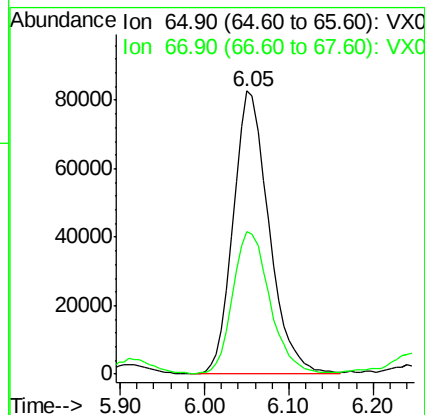
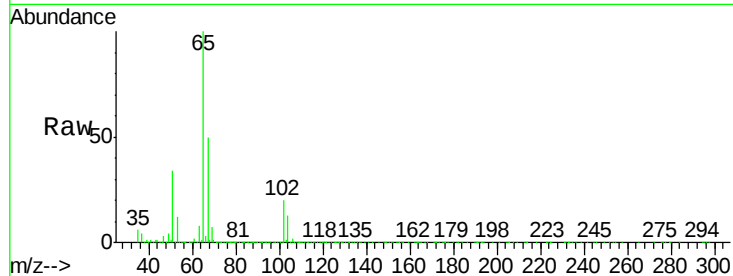
PD-3-(35-37)

Tot Ion: 65 Resp: 237229

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

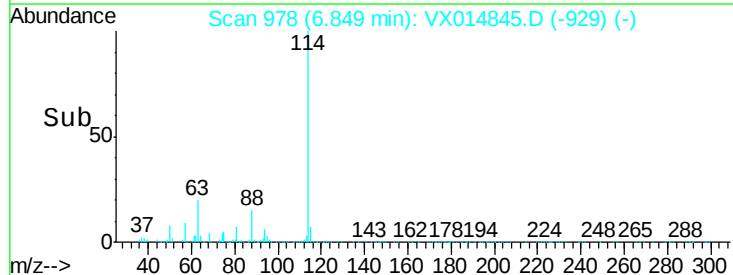
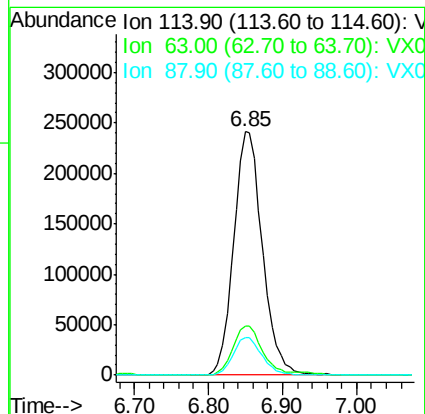
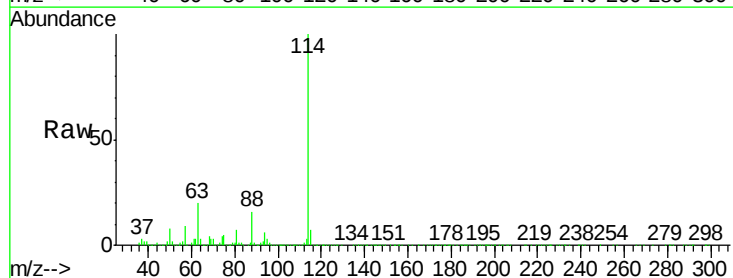
Tgt Ion: 114 Resp: 649766

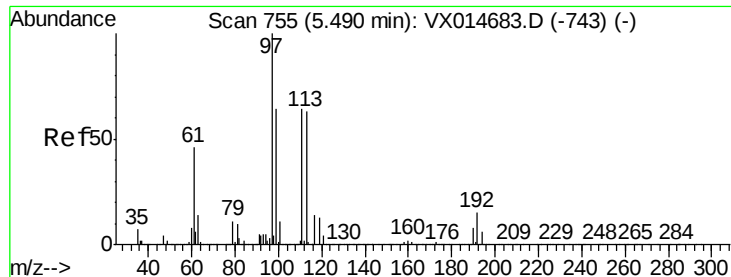
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.476 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

PD-3-(35-37)

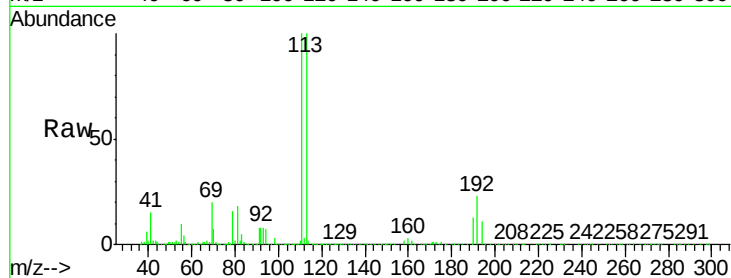
Tot Ion:113 Resp: 190552

Ion Ratio Lower Upper

113 100

111 103.2 80.7 121.1

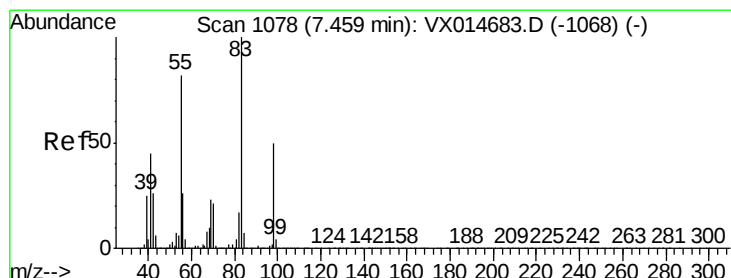
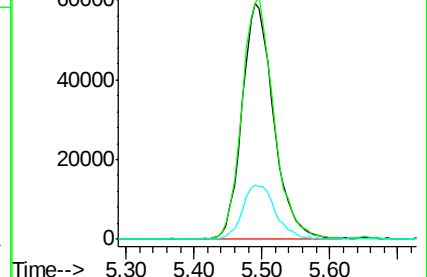
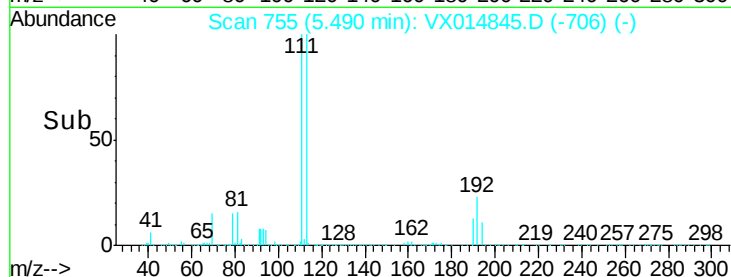
192 24.4 18.5 27.7



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: 145.434 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

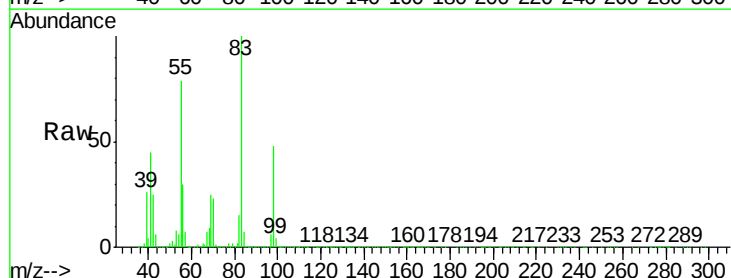
Tgt Ion: 83 Resp: 1100026

Ion Ratio Lower Upper

83 100

55 79.2 65.6 98.4

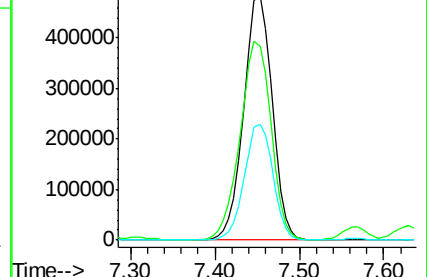
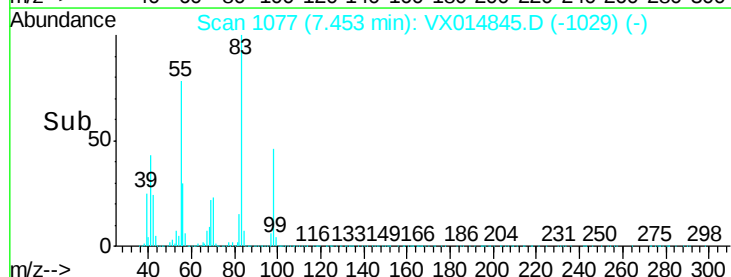
98 47.6 40.2 60.4

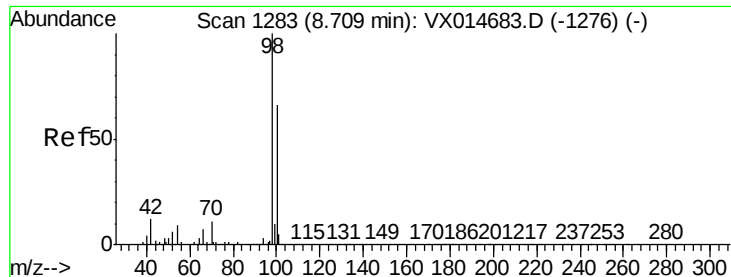


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 50.545 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

ClientSampled :

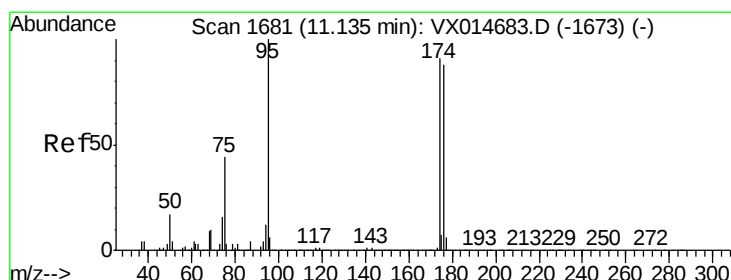
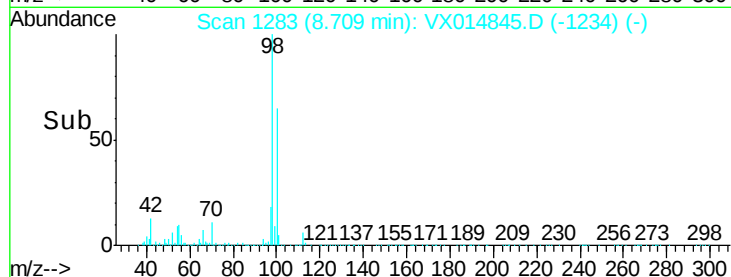
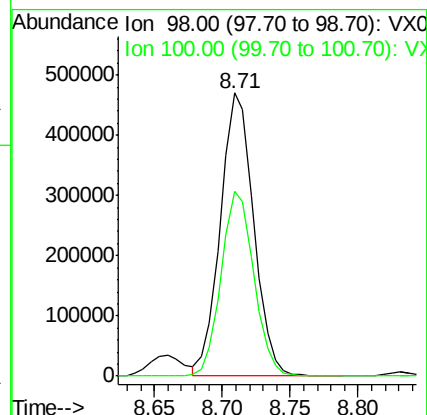
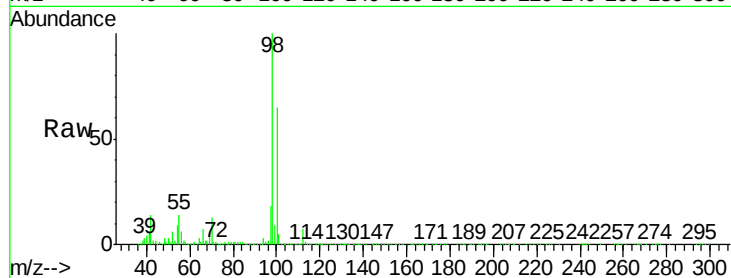
PD-3-(35-37)

Tot Ion: 98 Resp: 796683

Ion Ratio Lower Upper

98 100

100 64.2 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 53.199 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

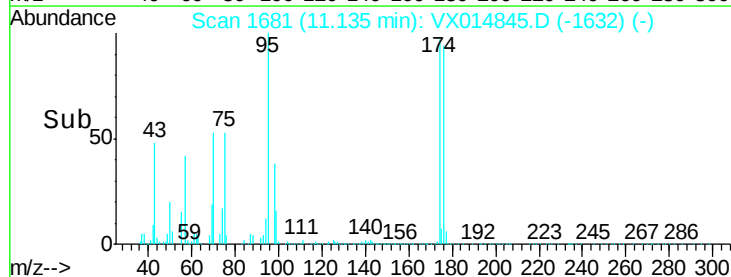
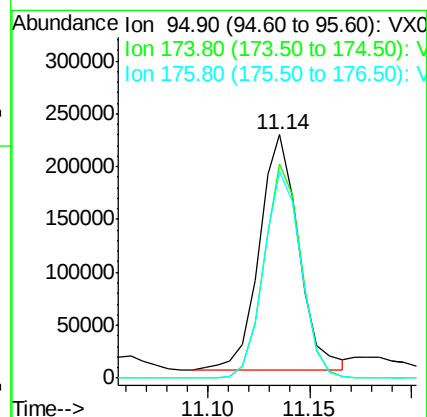
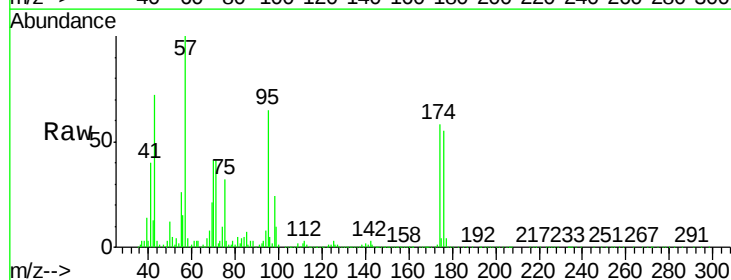
Tgt Ion: 95 Resp: 298699

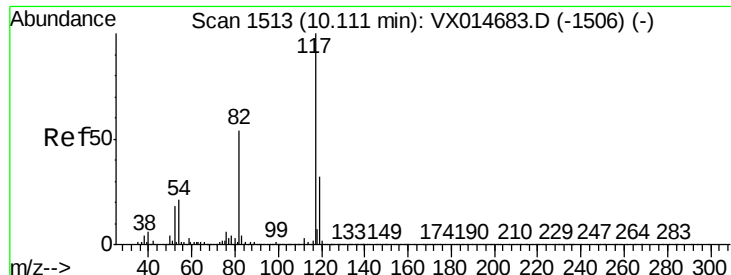
Ion Ratio Lower Upper

95 100

174 85.7 0.0 176.0

176 83.8 0.0 172.2

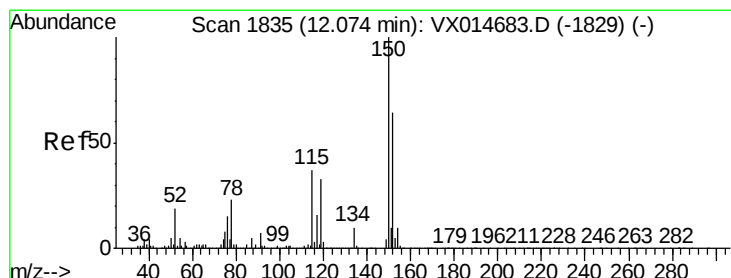
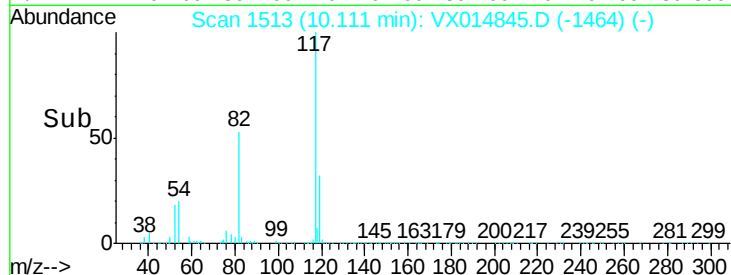
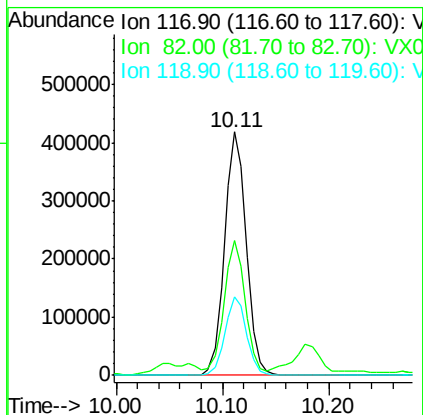
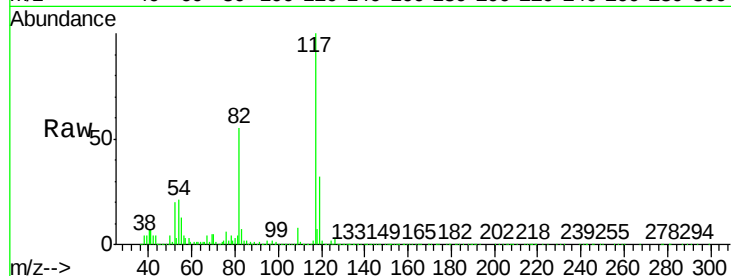




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

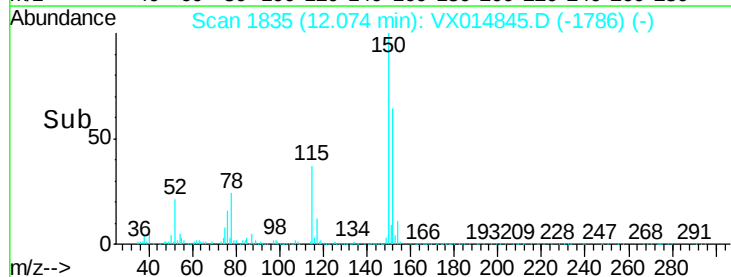
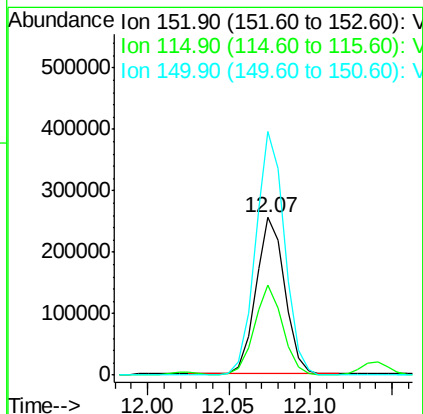
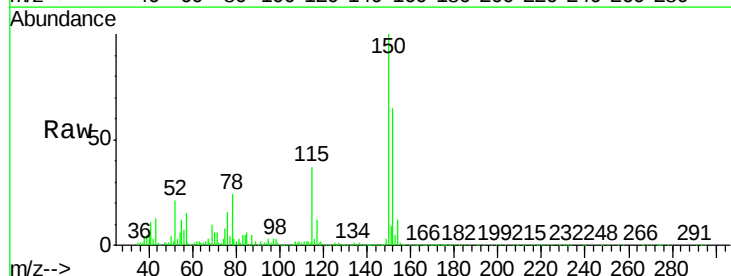
Instrument :
MSVOA_X
ClientSampled :
PD-3-(35-37)

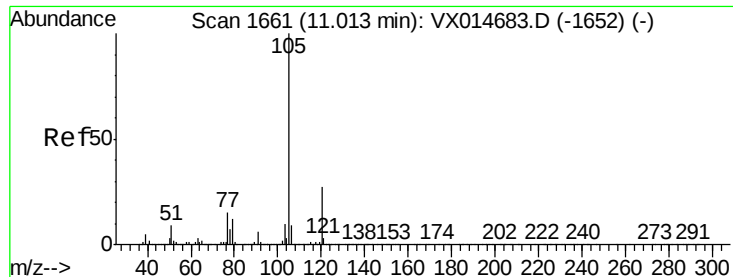
Tot Ion:117 Resp: 594552
Ion Ratio Lower Upper
117 100
82 53.8 43.2 64.8
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

Tgt Ion:152 Resp: 313060
Ion Ratio Lower Upper
152 100
115 56.0 39.4 118.1
150 155.4 0.0 351.2





#73

Isopropylbenzene

Concen: 11.199 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

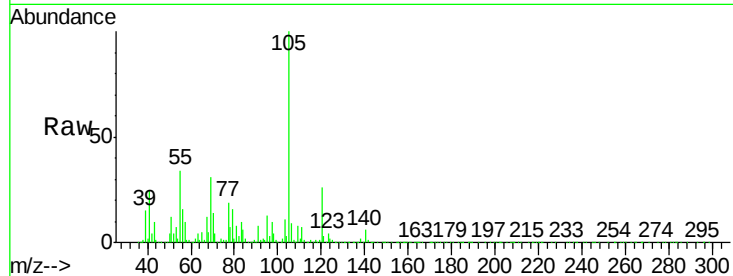
PD-3-(35-37)

Tot Ion:105 Resp: 246511

Ion Ratio Lower Upper

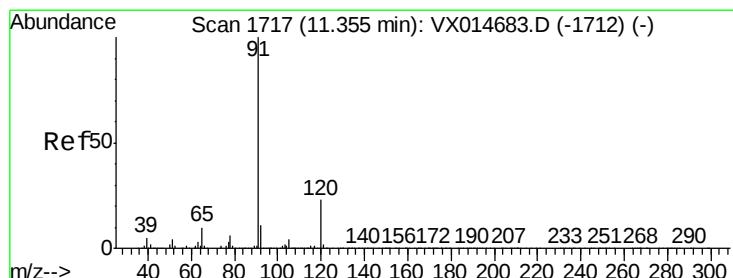
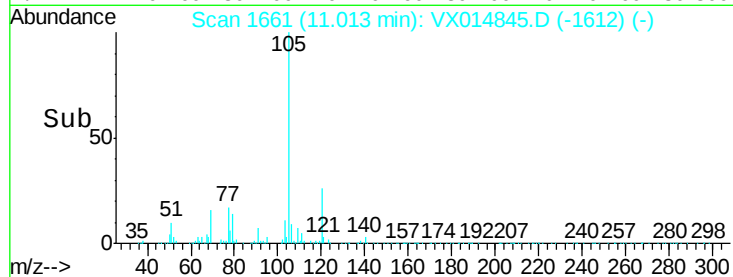
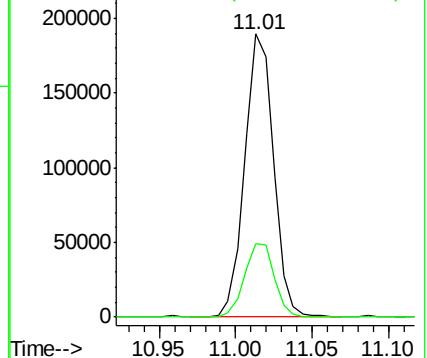
105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 60.019 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014845.D

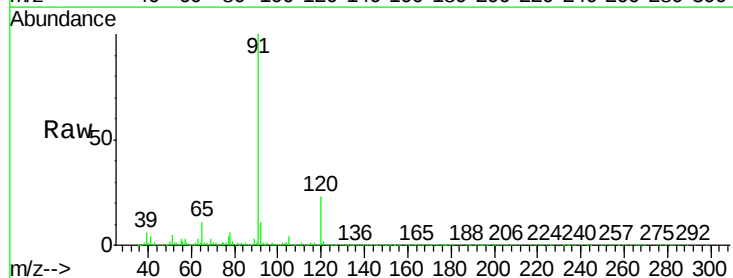
Acq: 06 Feb 2020 14:14

Tgt Ion: 91 Resp: 1499632

Ion Ratio Lower Upper

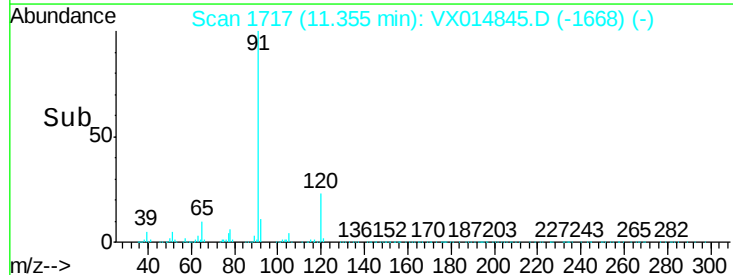
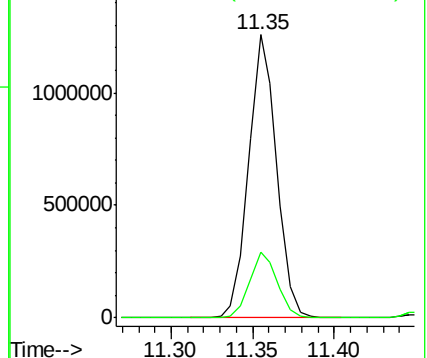
91 100

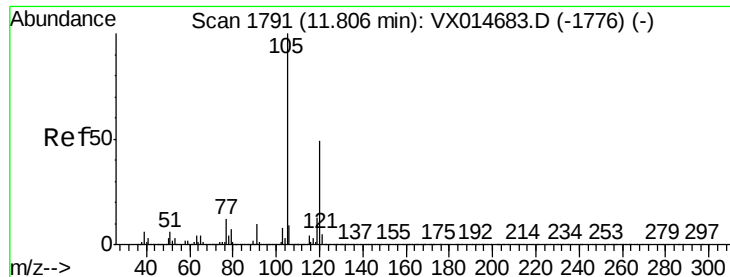
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

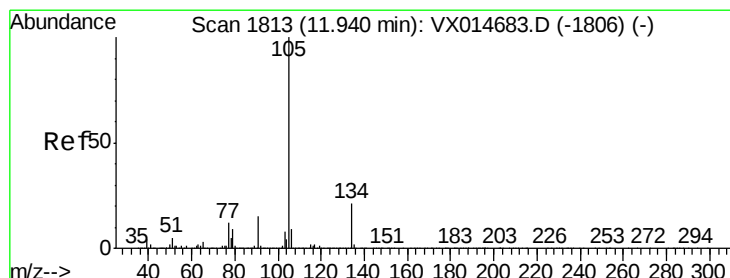
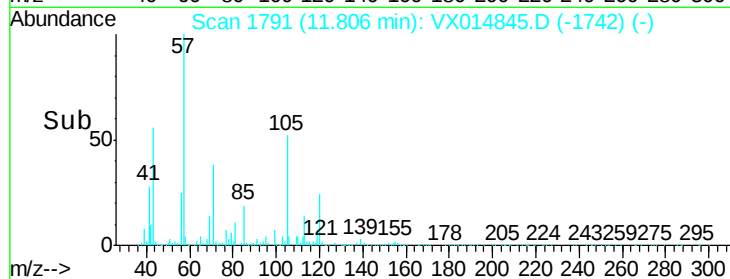
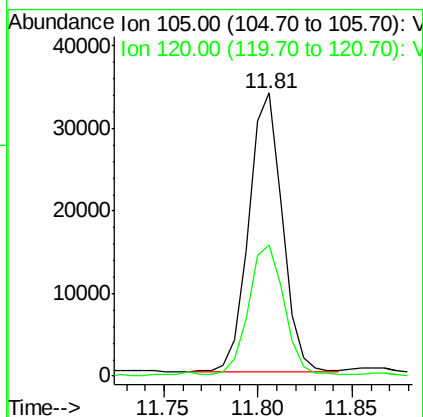
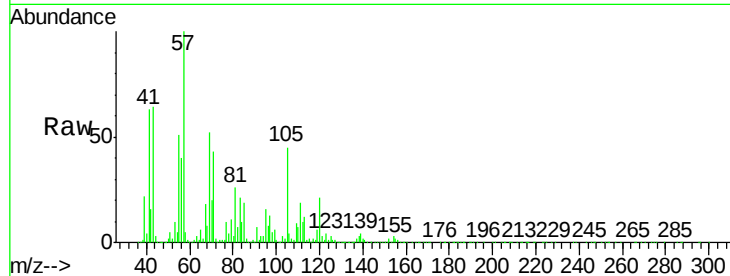




#84
 1,2,4-Trimethylbenzene
 Concen: 2.289 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX014845.D
 Acq: 06 Feb 2020 14:14

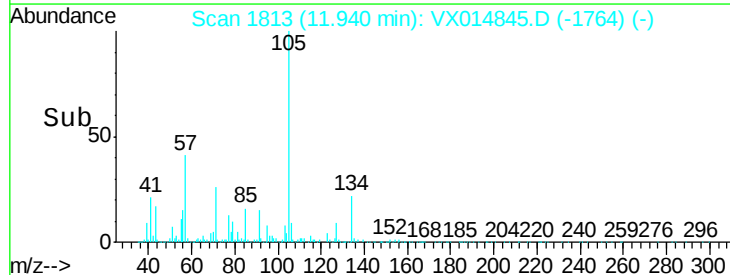
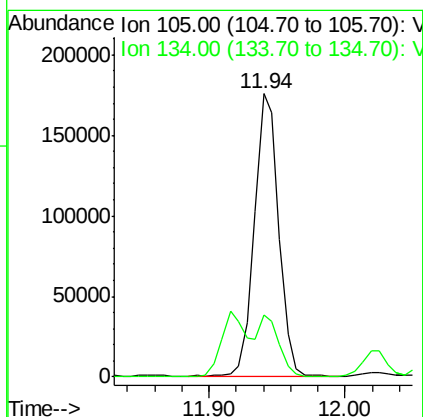
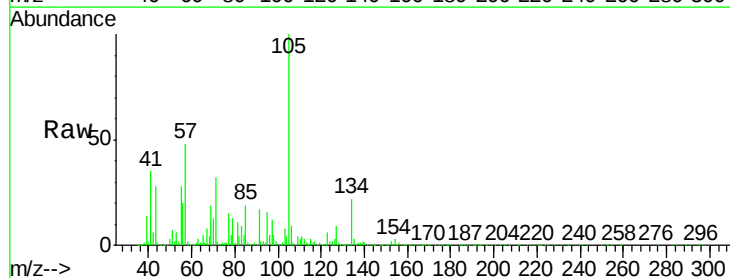
Instrument :
 MSVOA_X
 ClientSampleId :
 PD-3-(35-37)

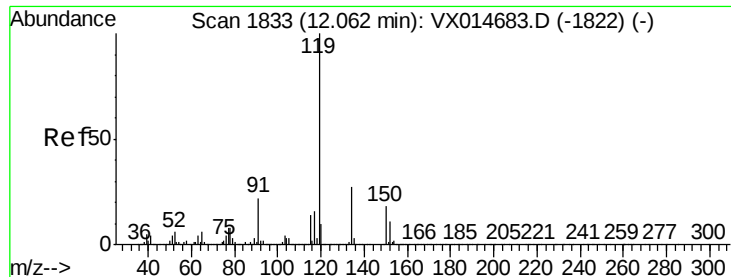
Tot Ion:105 Resp: 41938
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.4 70.0



#85
 sec-Butylbenzene
 Concen: 10.471 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014845.D
 Acq: 06 Feb 2020 14:14

Tgt Ion:105 Resp: 220217
 Ion Ratio Lower Upper
 105 100
 134 16.9 10.3 30.8

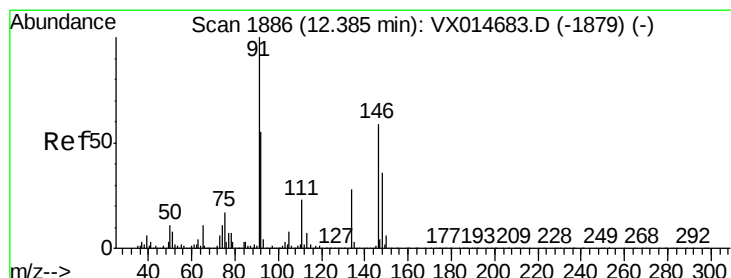
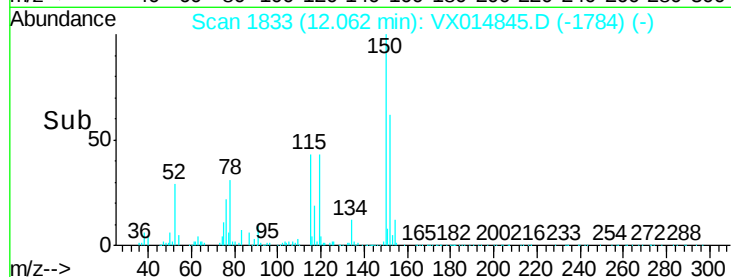
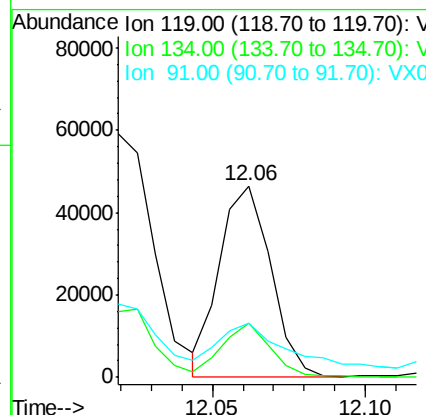
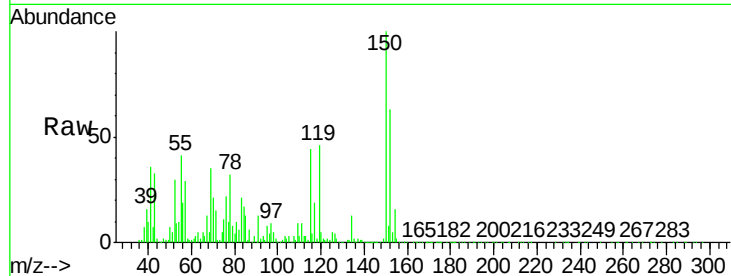




#86
p-Isopropyltoluene
Concen: 2.747 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

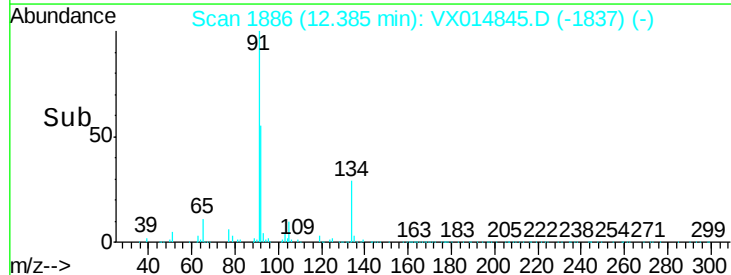
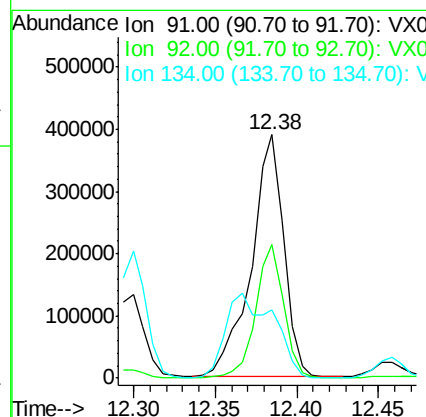
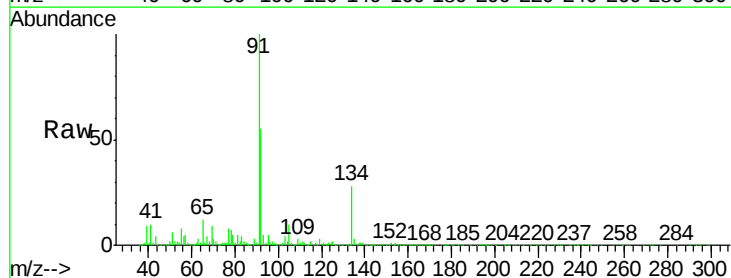
Instrument :
MSVOA_X
ClientSampled :
PD-3-(35-37)

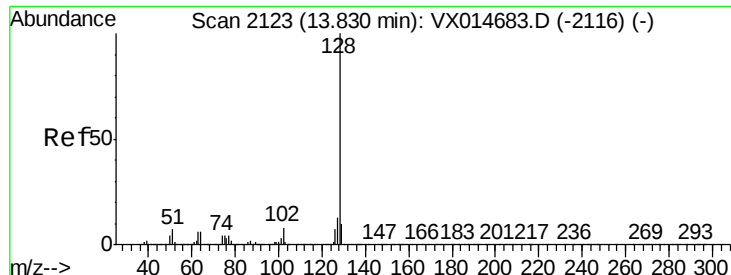
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.5	40.4
91	29.3	11.3	33.8



#89
n-Butylbenzene
Concen: 32.095 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014845.D
Acq: 06 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.0	27.6	82.7
134	51.7	13.3	39.8





#95

Naphthalene

Concen: 11.870 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014845.D

Acq: 06 Feb 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

PD-3-(35-37)

Tot Ion:128 Resp: 244591

Ion Ratio Lower Upper

128 100

127 15.2 10.3 15.5

129 18.7 8.6 12.8#

