

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011234.D
 Acq On : 31 Jul 2019 07:18
 Operator : JC/SP
 Sample : K3622-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-072919-B

Quant Time: Jul 31 10:03:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139173	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	112008	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
35) Dibromofluoromethane	5.49	113	95023	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	
50) Toluene-d8	8.71	98	385777	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	128237	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	

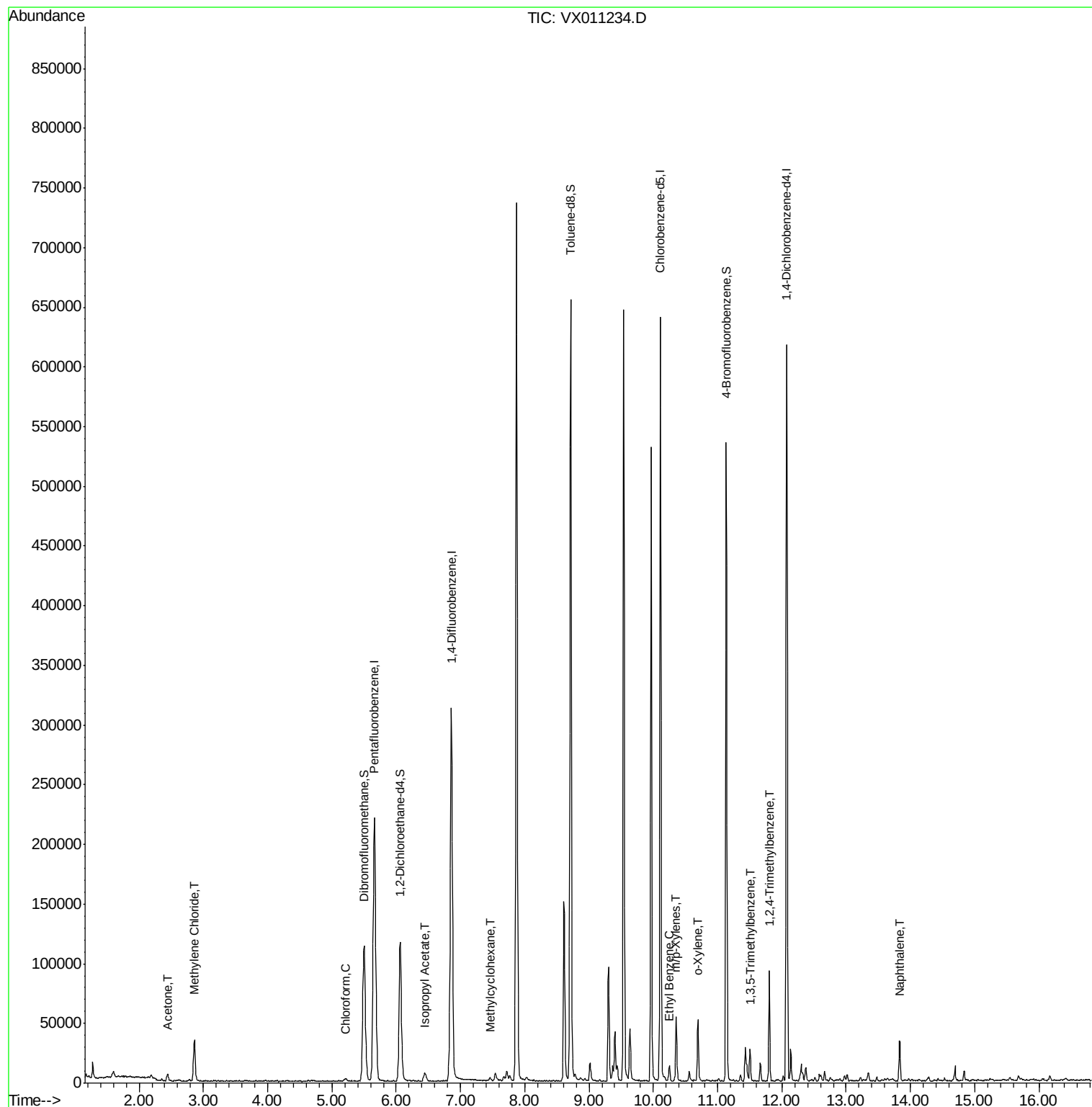
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	6043	5.633	ug/l	95
20) Methylene Chloride	2.86	84	17022	7.487	ug/l	98
30) Chloroform	5.21	83	2635	0.689	ug/l	100
39) Methylcyclohexane	7.46	83	1143	0.330	ug/l	91
43) Isopropyl Acetate	6.45	43	10043	2.235	ug/l #	92
67) Ethyl Benzene	10.25	91	6678	0.654	ug/l	91
68) m/p-Xylenes	10.35	106	12557	3.204	ug/l	100
69) o-Xylene	10.70	106	4786	1.251	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	11240	1.430	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	39822	5.028	ug/l	99
95) Naphthalene	13.83	128	21463	2.404	ug/l	98

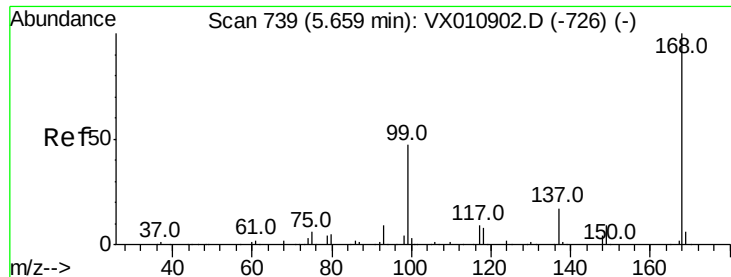
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073019\
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
OR-03-072919-B

Quant Time: Jul 31 10:03:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

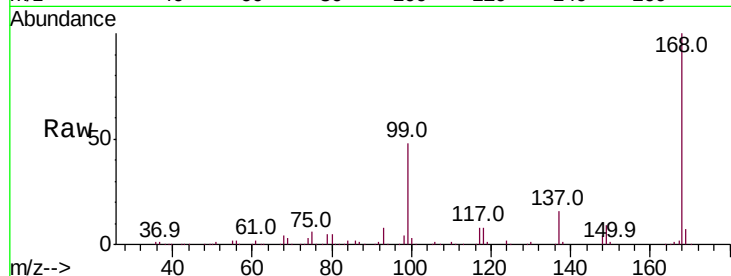
OR-03-072919-B

Tot Ion:168 Resp: 223267

Ion Ratio Lower Upper

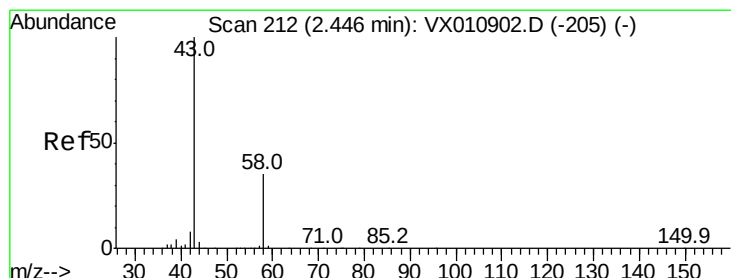
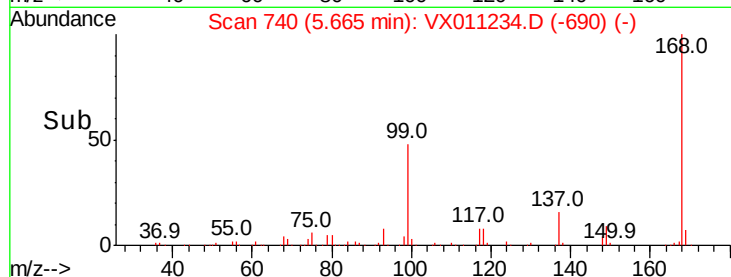
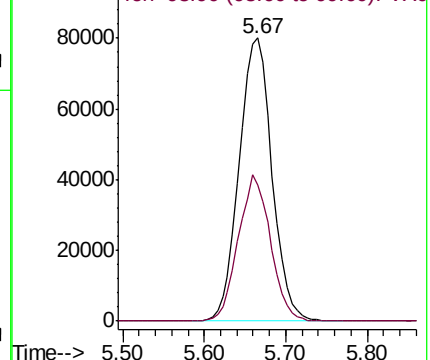
168 100

99 48.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.633 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011234.D

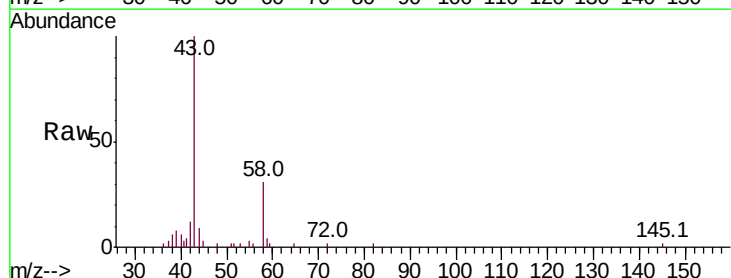
Acq: 31 Jul 2019 07:18

Tgt Ion: 43 Resp: 6043

Ion Ratio Lower Upper

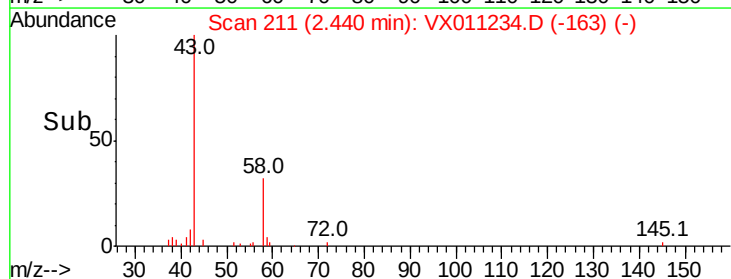
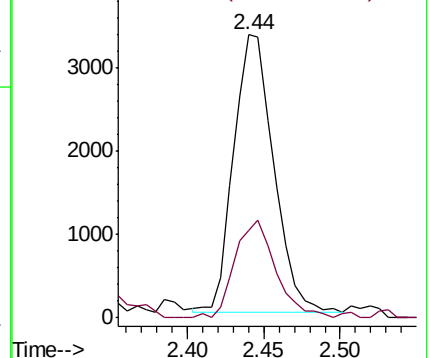
43 100

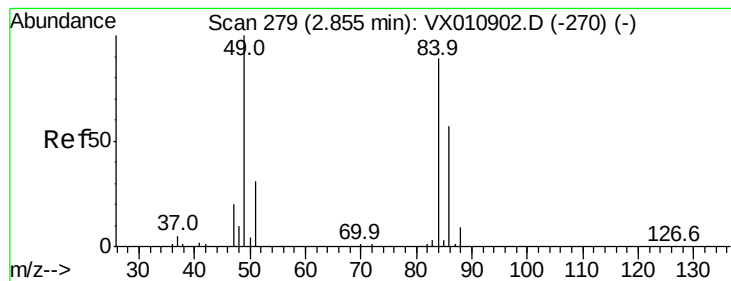
58 31.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 7.487 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

OR-03-072919-B

Tot Ion: 84 Resp: 17022

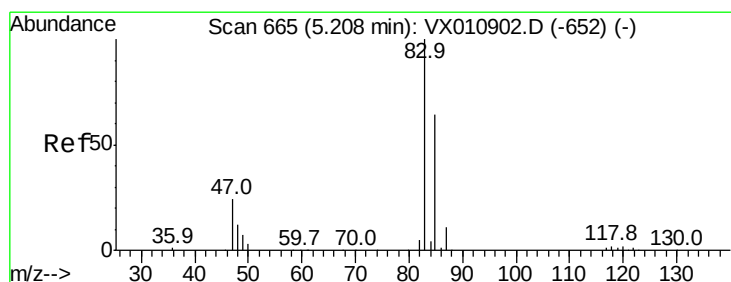
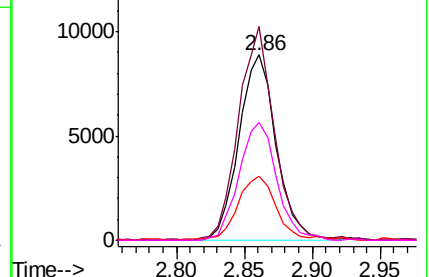
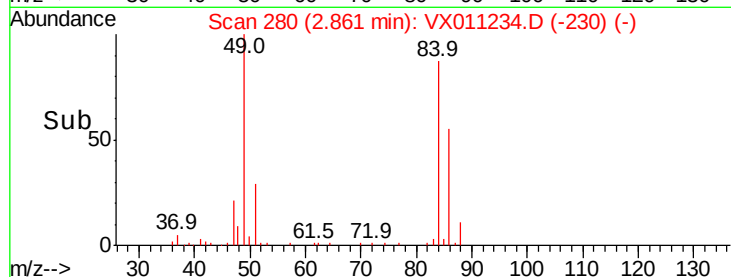
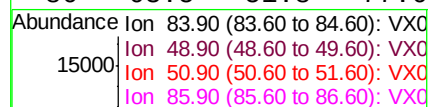
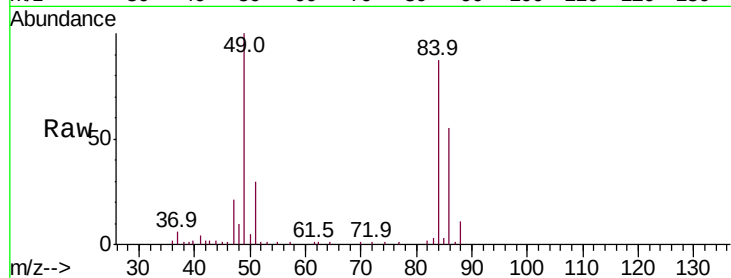
Ion Ratio Lower Upper

84 100

49 115.4 89.9 134.9

51 33.9 27.8 41.6

86 63.5 51.8 77.6



#30

Chloroform

Concen: 0.689 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX011234.D

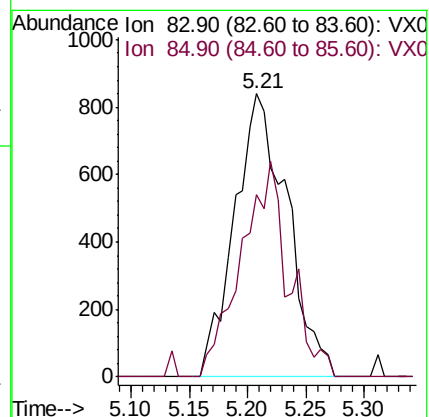
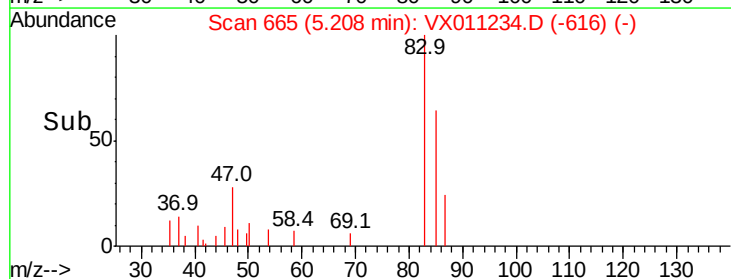
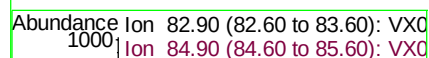
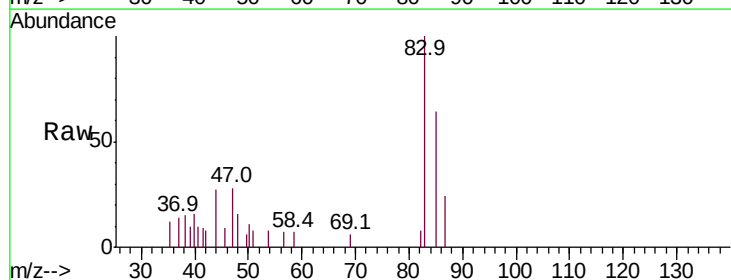
Acq: 31 Jul 2019 07:18

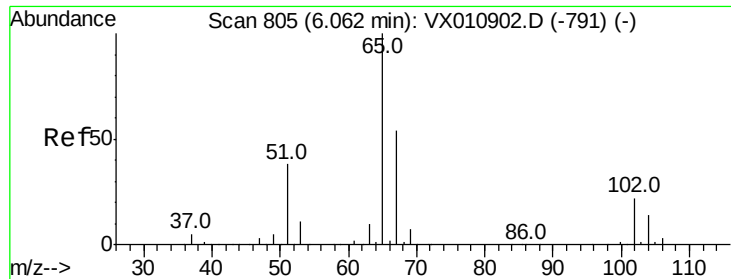
Tgt Ion: 83 Resp: 2635

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

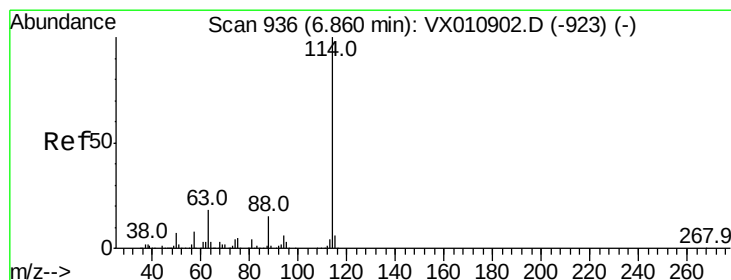
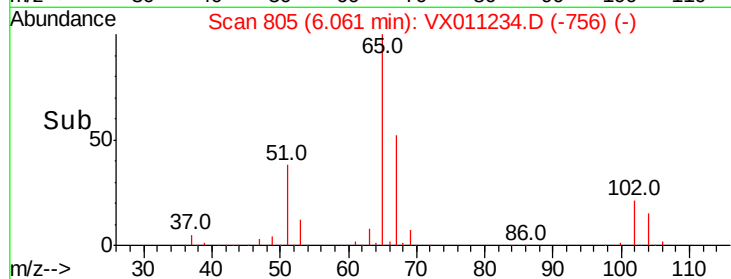
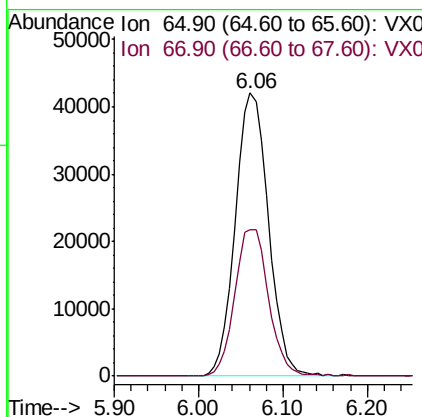
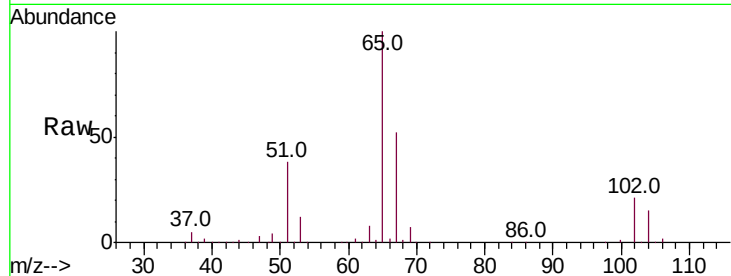




#33
 1,2-Dichloroethane-d4
 Concen: 47.157 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011234.D
 Acq: 31 Jul 2019 07:18

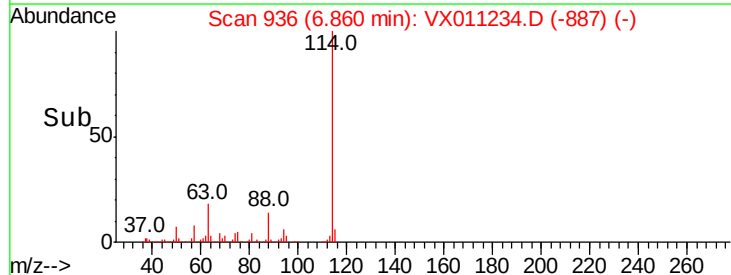
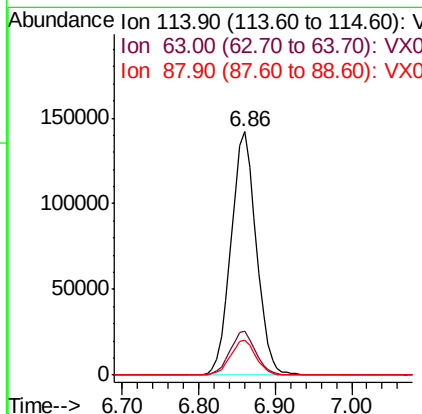
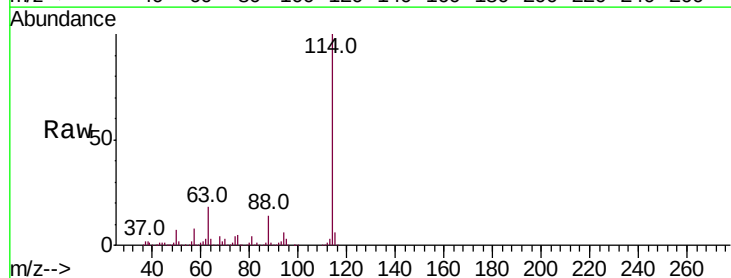
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-072919-B

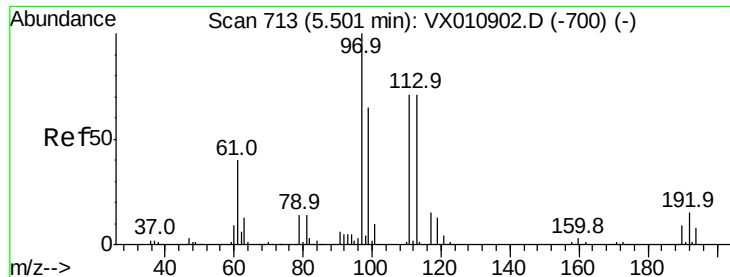
Tot Ion: 65 Resp: 112008
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011234.D
 Acq: 31 Jul 2019 07:18

Tgt Ion: 114 Resp: 324839
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.6
 88 14.3 0.0 29.8





#35

Dibromofluoromethane

Concen: 46.087 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

OR-03-072919-B

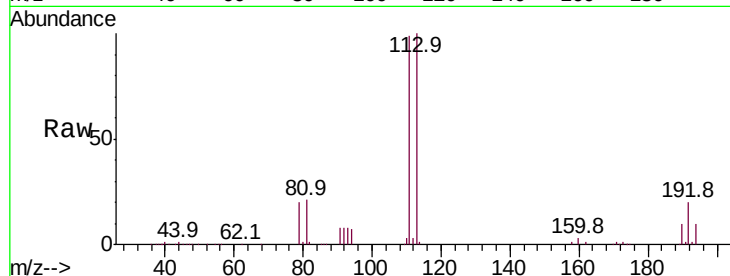
Tot Ion:113 Resp: 95023

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

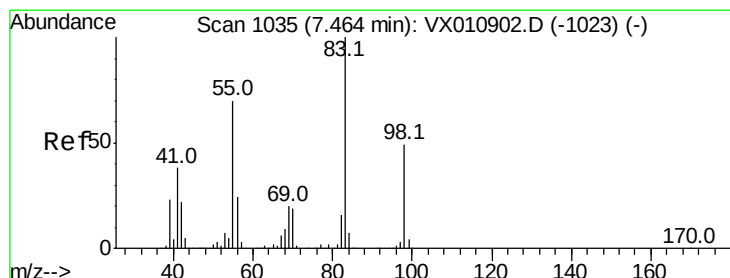
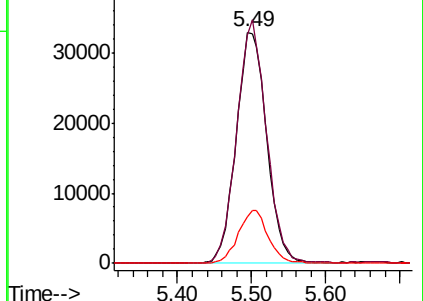
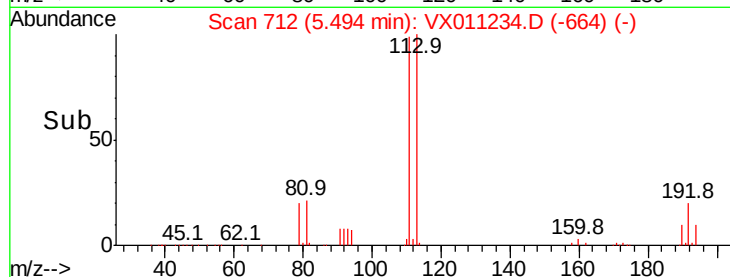
192 22.3 17.4 26.2



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: 0.330 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

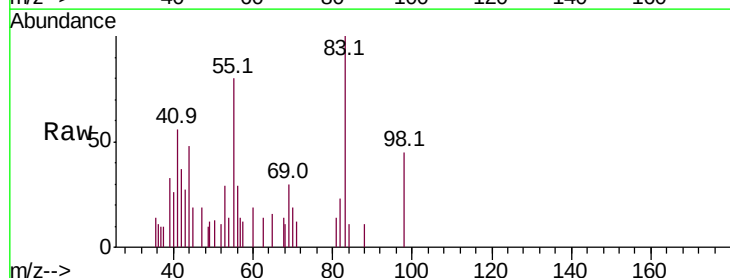
Tgt Ion: 83 Resp: 1143

Ion Ratio Lower Upper

83 100

55 79.6 56.2 84.4

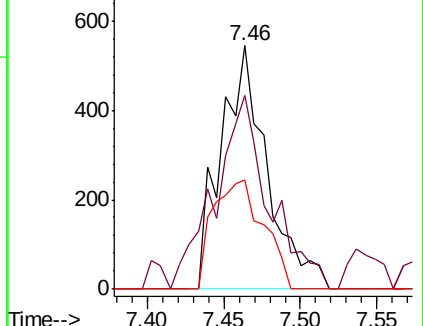
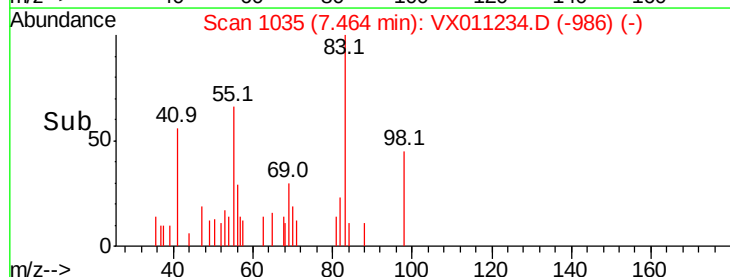
98 45.0 39.0 58.4

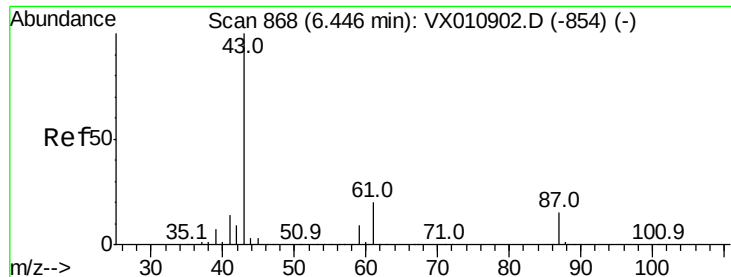


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 2.235 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

OR-03-072919-B

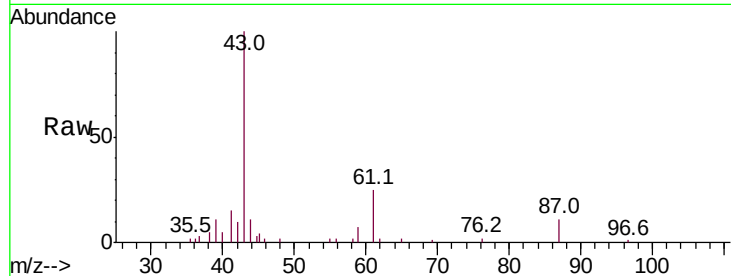
Tot Ion: 43 Resp: 10043

Ion Ratio Lower Upper

43 100

61 21.7 17.1 25.7

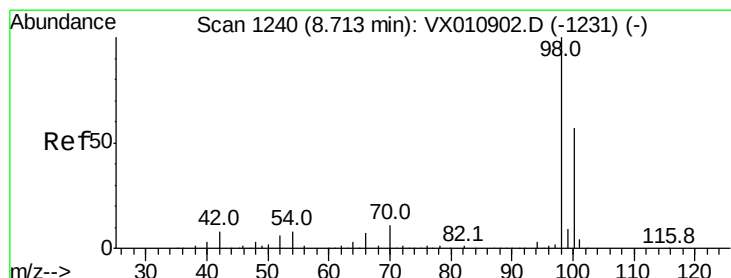
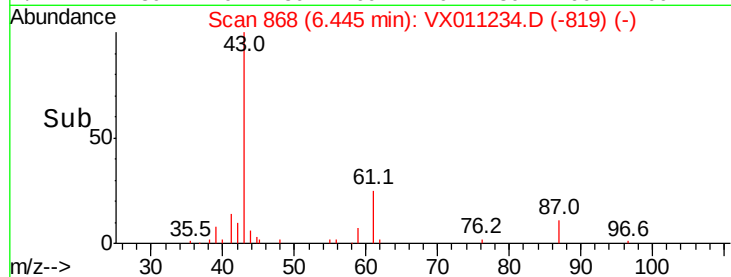
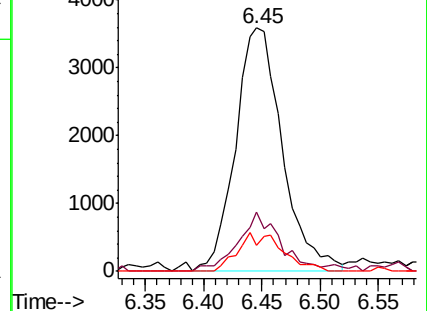
87 6.8 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.886 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011234.D

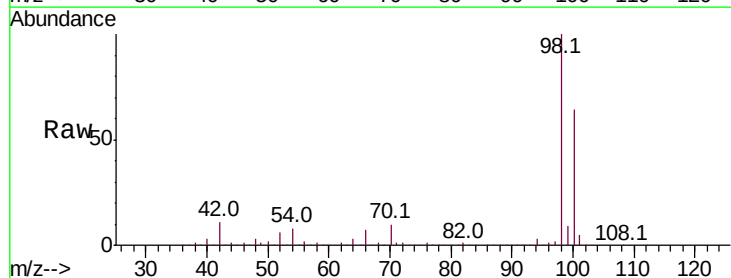
Acq: 31 Jul 2019 07:18

Tgt Ion: 98 Resp: 385777

Ion Ratio Lower Upper

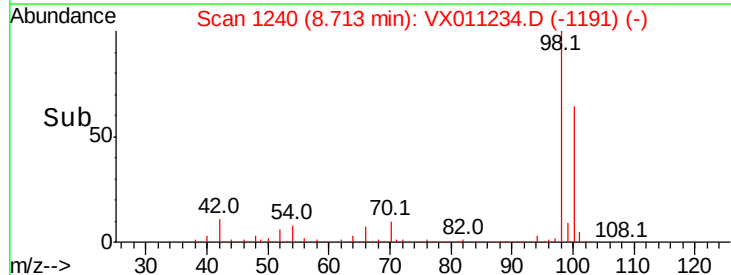
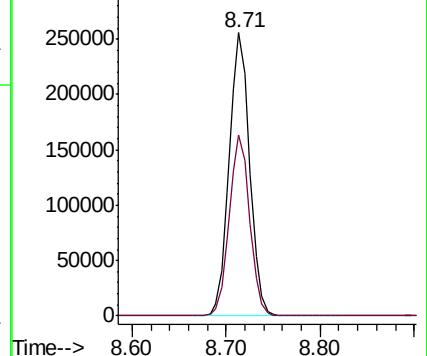
98 100

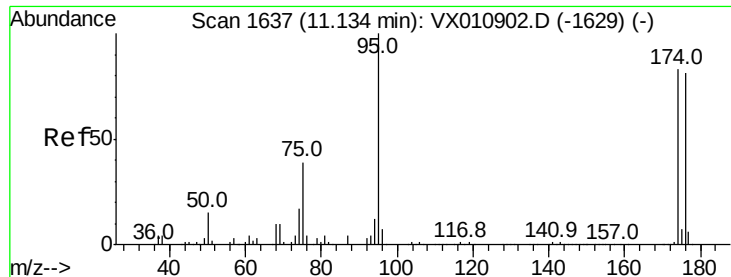
100 64.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.115 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

OR-03-072919-B

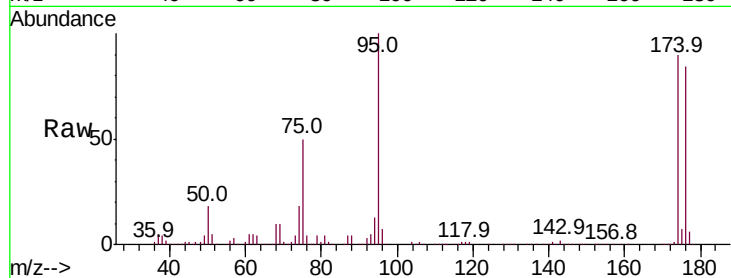
Tot Ion: 95 Resp: 128237

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.6

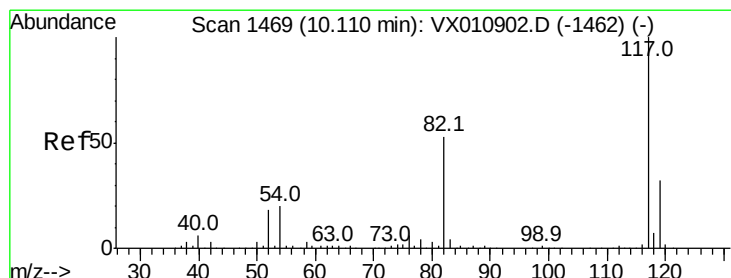
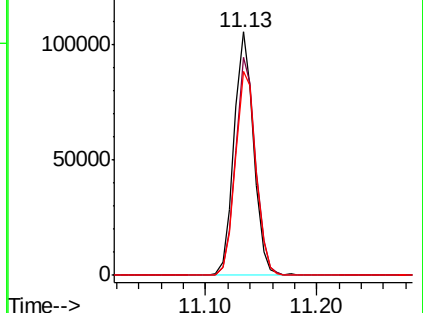
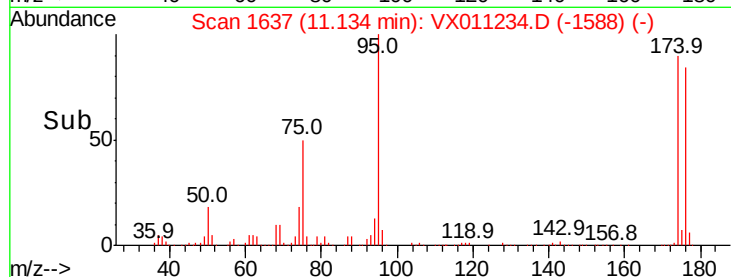
176 88.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011234.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011234.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011234.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

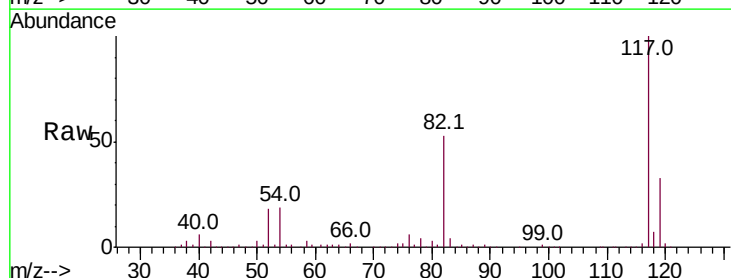
Tgt Ion: 117 Resp: 292216

Ion Ratio Lower Upper

117 100

82 53.4 42.6 63.8

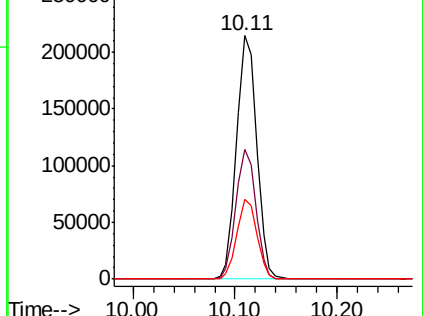
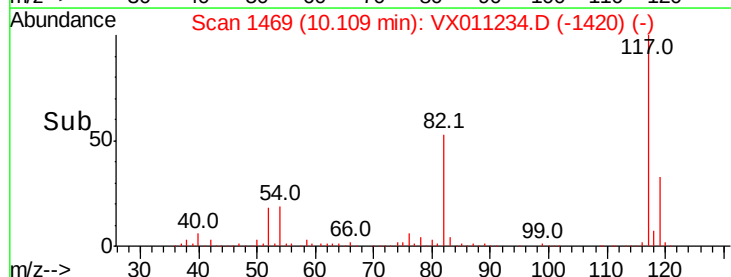
119 32.5 25.9 38.9

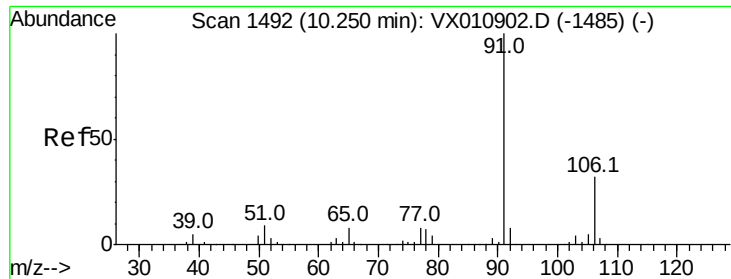


Abundance Ion 116.90 (116.60 to 117.60): VX011234.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011234.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011234.D (-1420) (-)

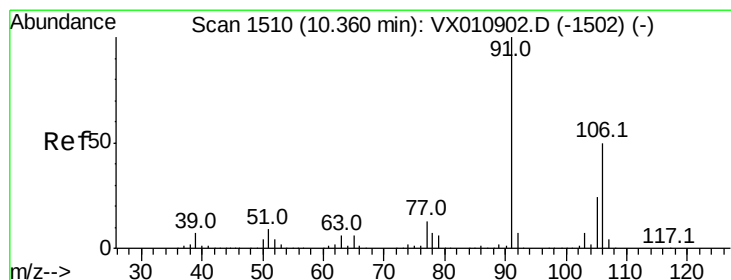
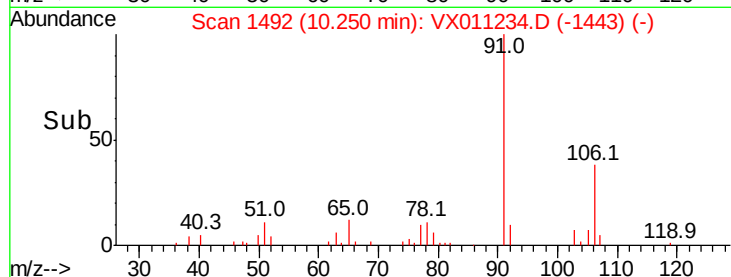
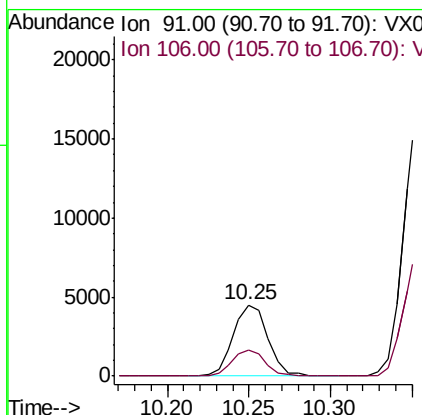
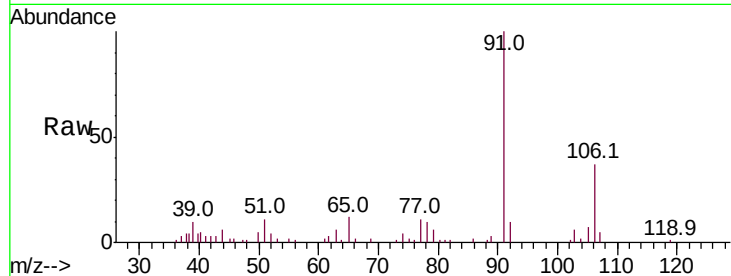




#67
Ethyl Benzene
Concen: 0.654 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

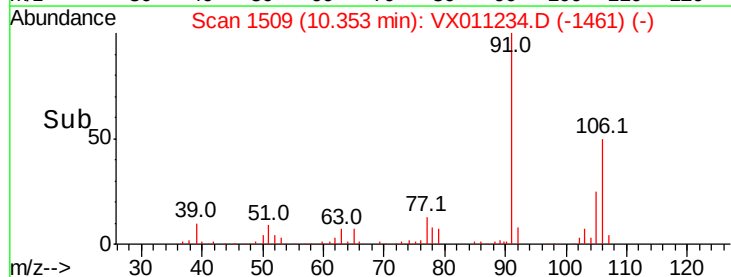
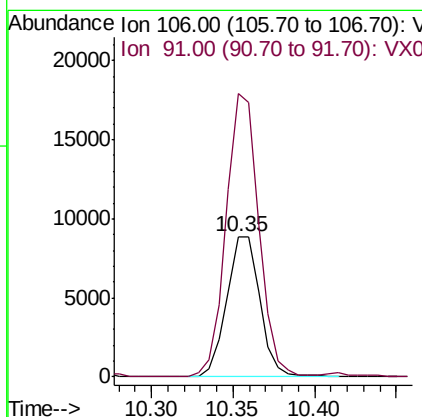
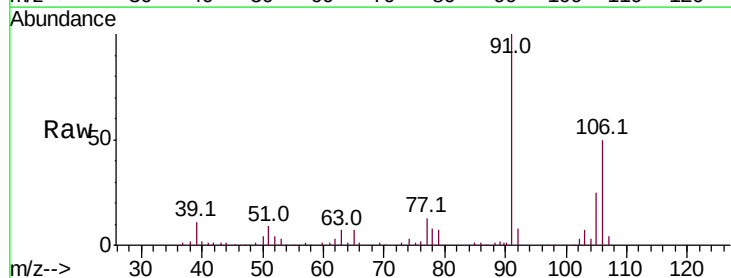
Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-B

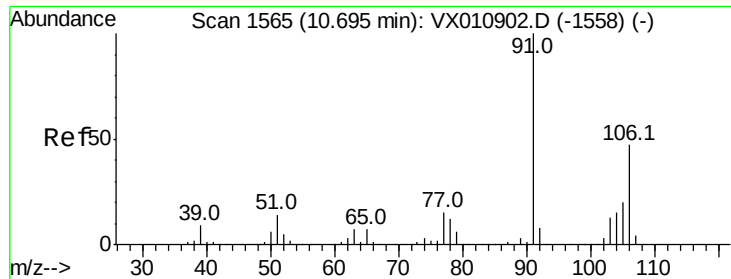
Tot Ion: 91 Resp: 6678
Ion Ratio Lower Upper
91 100
106 36.8 25.4 38.2



#68
m/p-Xylenes
Concen: 3.204 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

Tgt Ion: 106 Resp: 12557
Ion Ratio Lower Upper
106 100
91 199.4 160.1 240.1

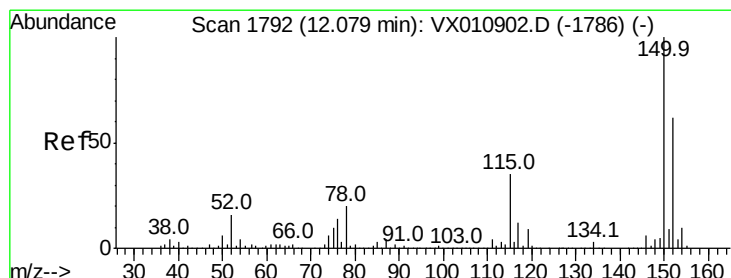
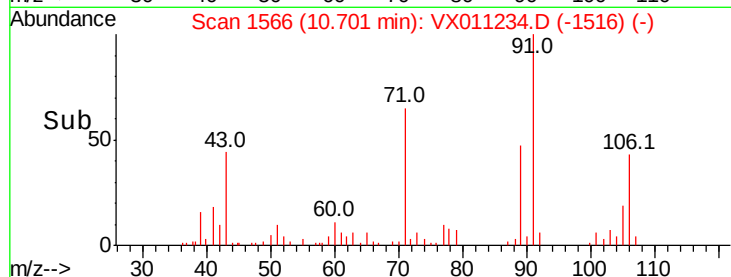
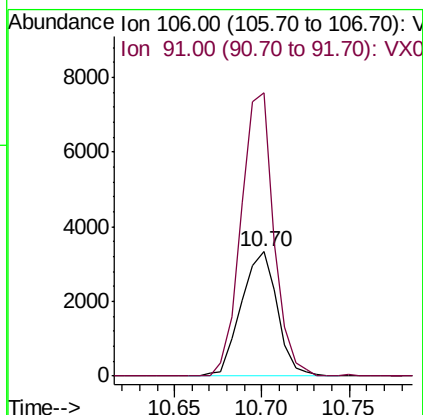
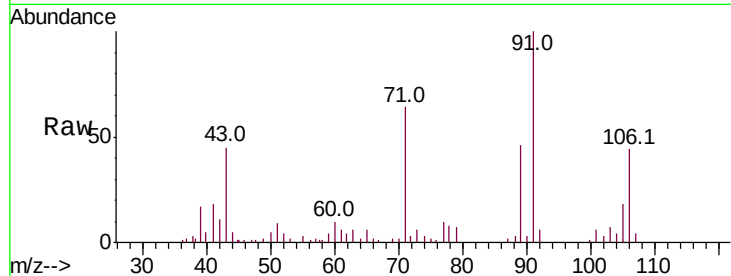




#69
o-Xylene
Concen: 1.251 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

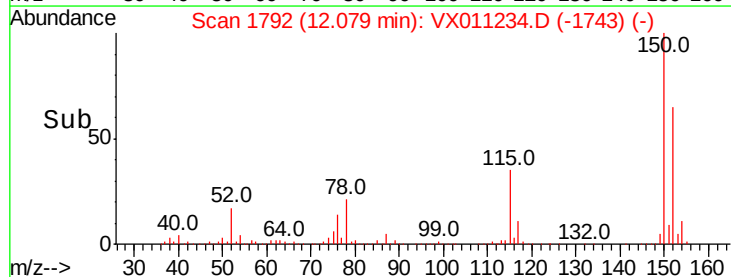
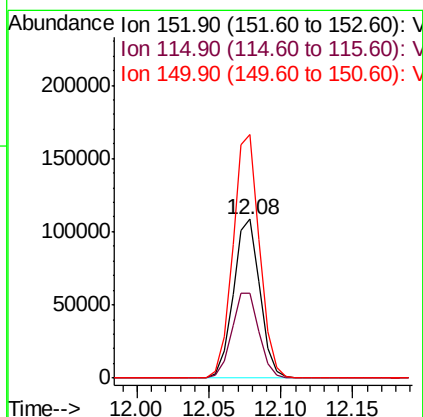
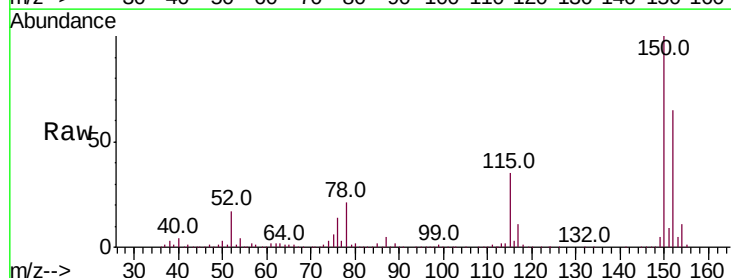
Instrument :
MSVOA_X
ClientSampleId :
OR-03-072919-B

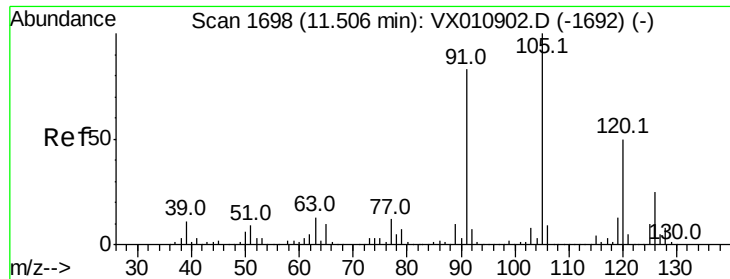
Tot Ion:106 Resp: 4786
Ion Ratio Lower Upper
106 100
91 205.9 105.1 315.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011234.D
Acq: 31 Jul 2019 07:18

Tgt Ion:152 Resp: 139173
Ion Ratio Lower Upper
152 100
115 55.0 39.7 119.1
150 154.4 0.0 345.6

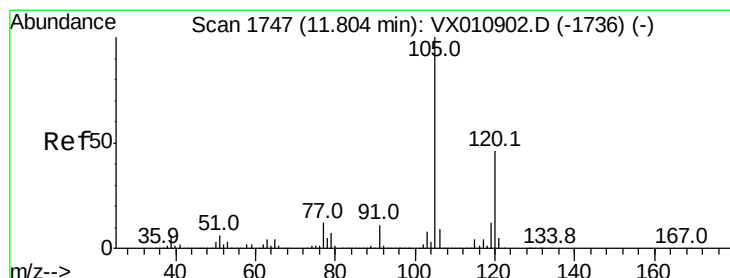
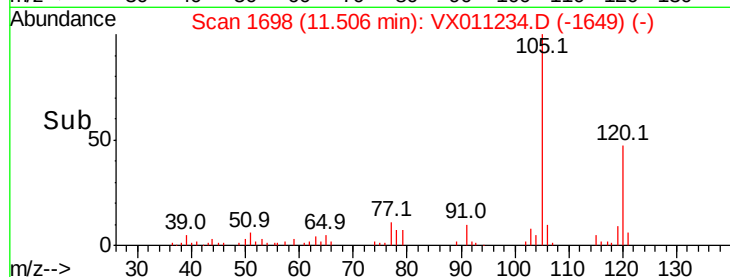
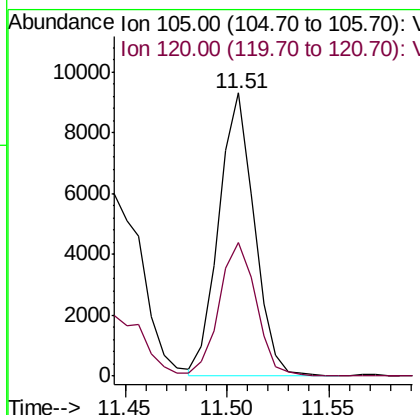
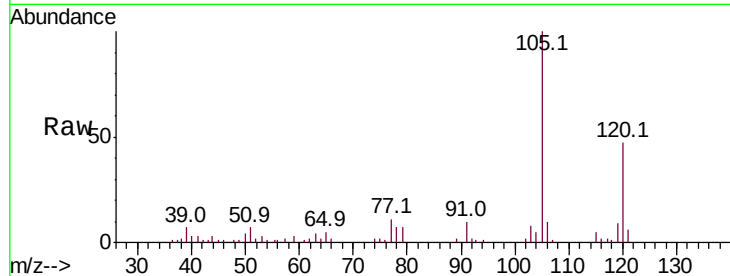




#80
 1,3,5-Trimethylbenzene
 Concen: 1.430 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011234.D
 Acq: 31 Jul 2019 07:18

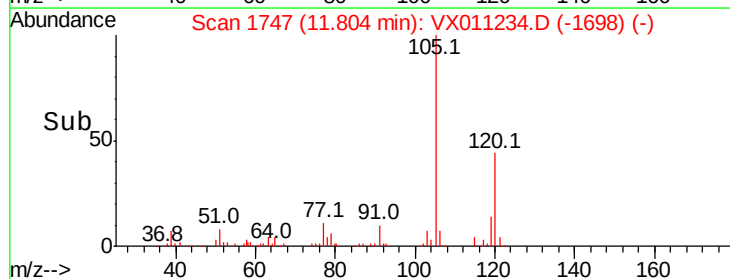
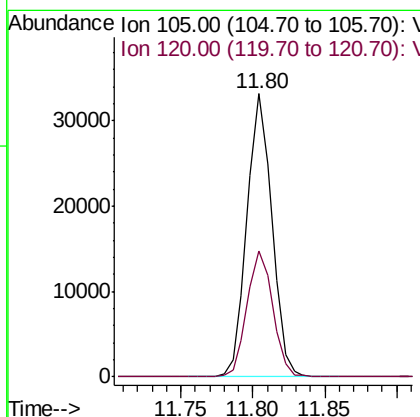
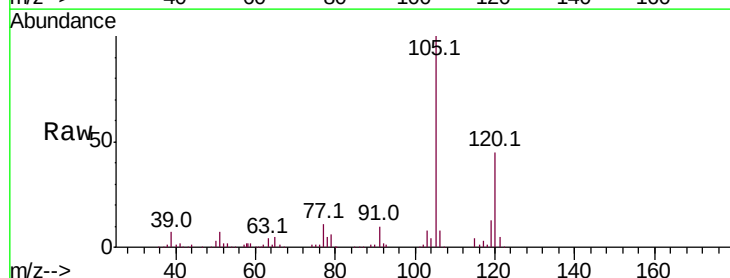
Instrument :
 MSVOA_X
 ClientSampled :
 OR-03-072919-B

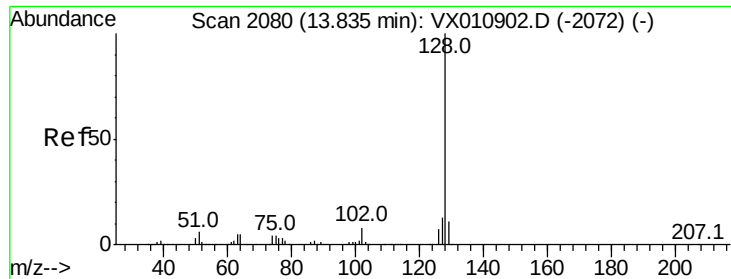
Tot Ion:105 Resp: 11240
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 73.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.028 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011234.D
 Acq: 31 Jul 2019 07:18

Tgt Ion:105 Resp: 39822
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.5





#95

Naphthalene

Concen: 2.404 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011234.D

Acq: 31 Jul 2019 07:18

Instrument :

MSVOA_X

ClientSampleId :

OR-03-072919-B

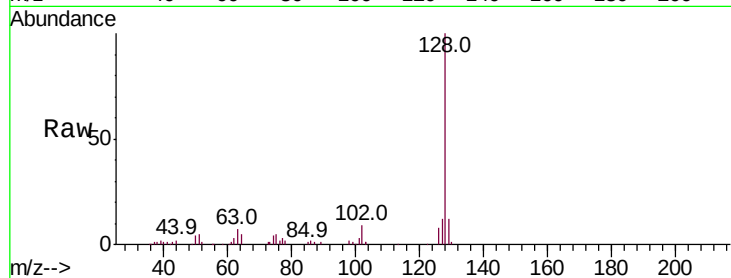
Tot Ion:128 Resp: 21463

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 10.8 8.9 13.3



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

