

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009406.D
 Acq On : 08 May 2019 18:18
 Operator : JC/SP
 Sample : K2643-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-050719-B

Quant Time: May 09 07:11:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	284049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104634	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	115434	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
35) Dibromofluoromethane	5.50	113	86690	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	8.71	98	358014	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	117823	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	

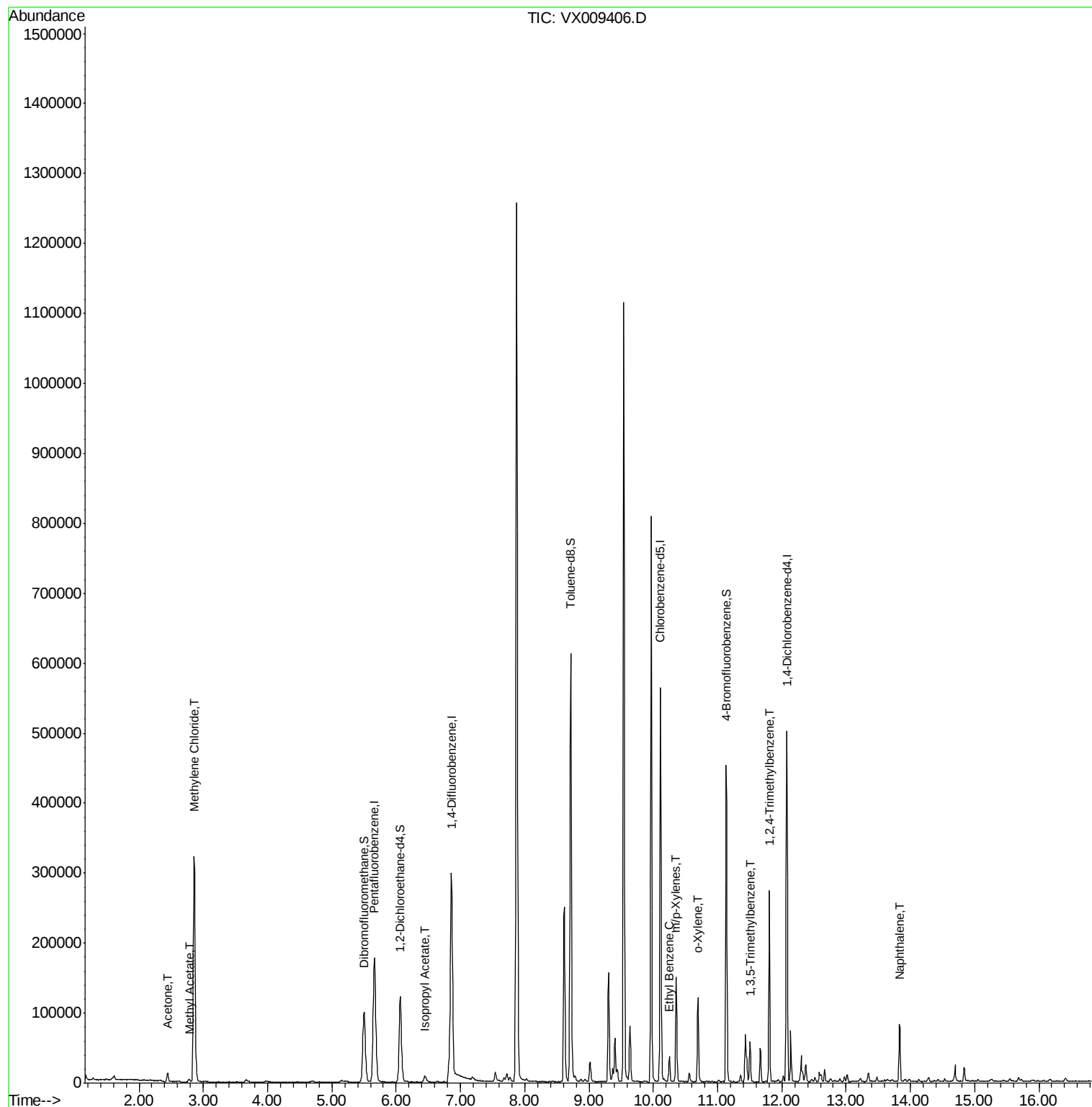
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	13251	10.252	ug/l	96
18) Methyl Acetate	2.78	43	5665	1.843	ug/l	93
20) Methylene Chloride	2.85	84	147359	70.410	ug/l	98
43) Isopropyl Acetate	6.45	43	12530	2.130	ug/l	98
67) Ethyl Benzene	10.25	91	20018	2.181	ug/l	97
68) m/p-Xylenes	10.35	106	33941	10.120	ug/l	97
69) o-Xylene	10.69	106	15142	4.576	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	23623	3.687	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	111818	17.388	ug/l	99
95) Naphthalene	13.83	128	49515	6.490	ug/l	100

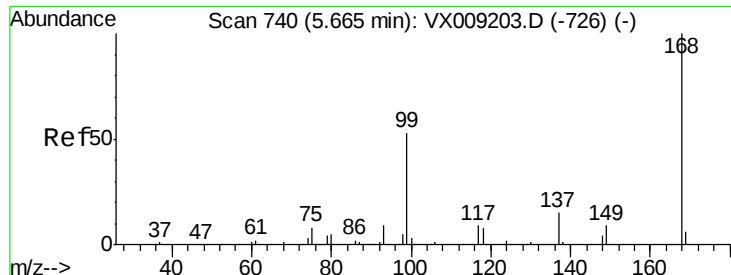
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 09 07:11:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

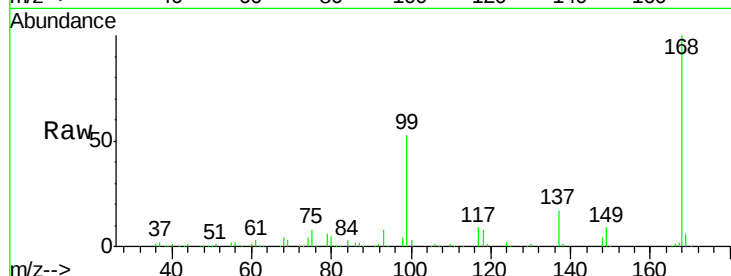
OR-03-050719-B

Tot Ion:168 Resp: 176337

Ion Ratio Lower Upper

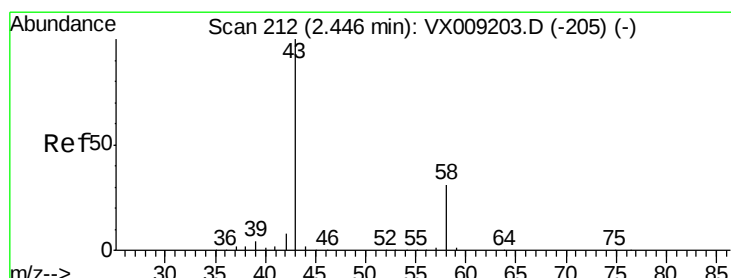
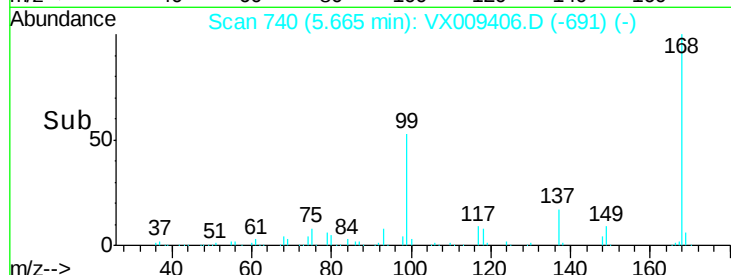
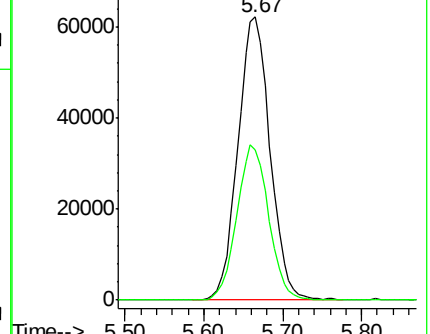
168 100

99 53.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 10.252 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009406.D

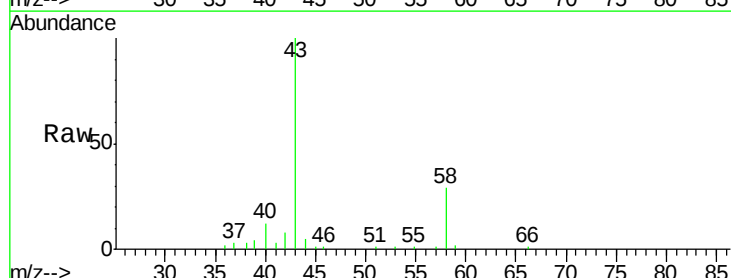
Acq: 08 May 2019 18:18

Tgt Ion: 43 Resp: 13251

Ion Ratio Lower Upper

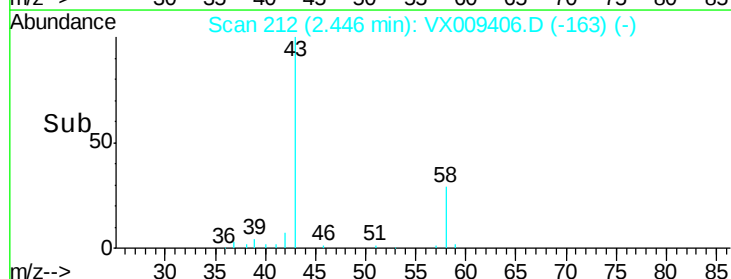
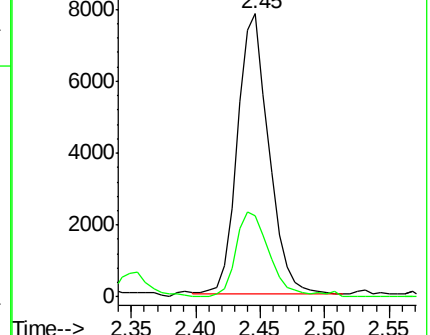
43 100

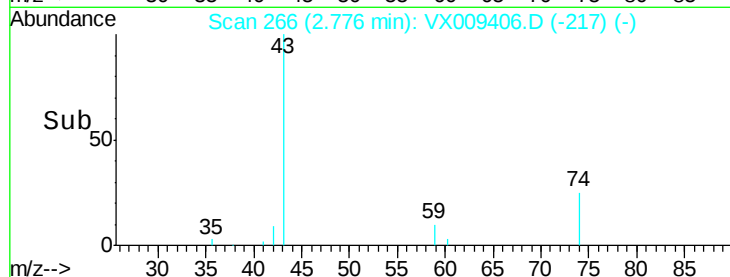
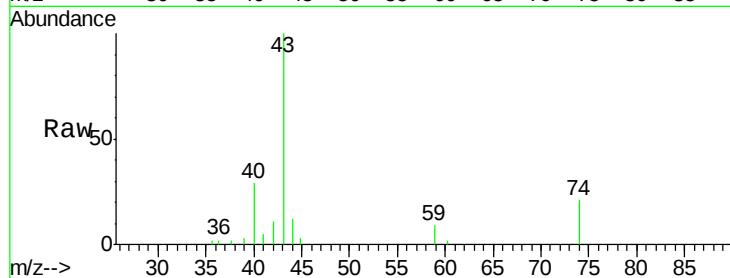
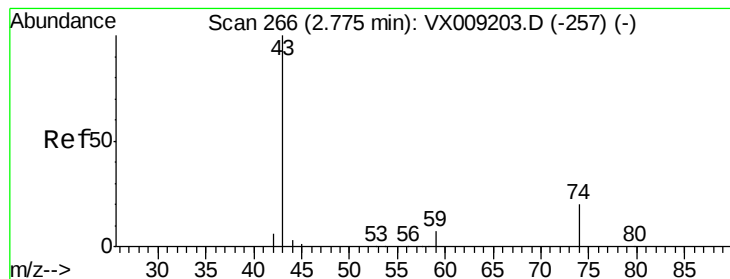
58 29.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 1.843 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

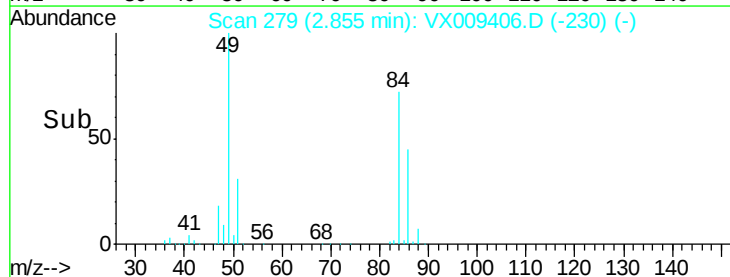
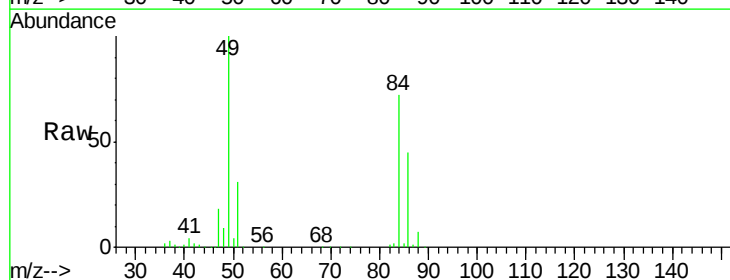
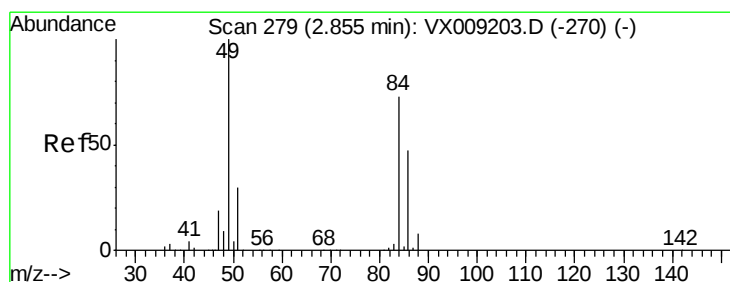
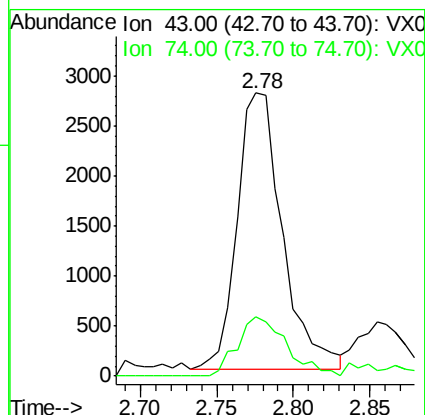
OR-03-050719-B

Tot Ion: 43 Resp: 5665

Ion Ratio Lower Upper

43 100

74 23.5 16.2 24.4



#20

Methylene Chloride

Concen: 70.410 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Tgt Ion: 84 Resp: 147359

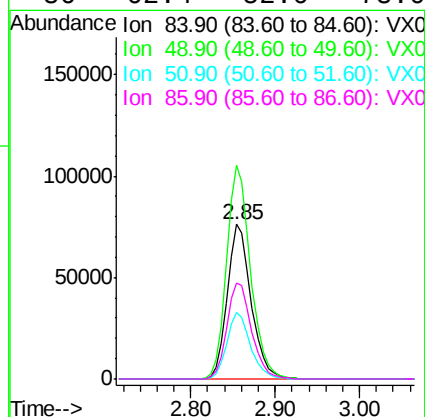
Ion Ratio Lower Upper

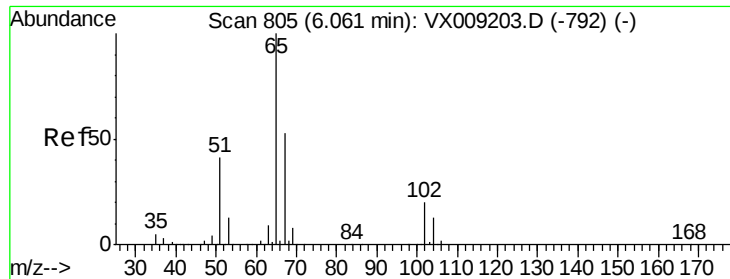
84 100

49 138.0 109.9 164.9

51 43.0 32.7 49.1

86 62.4 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 47.953 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

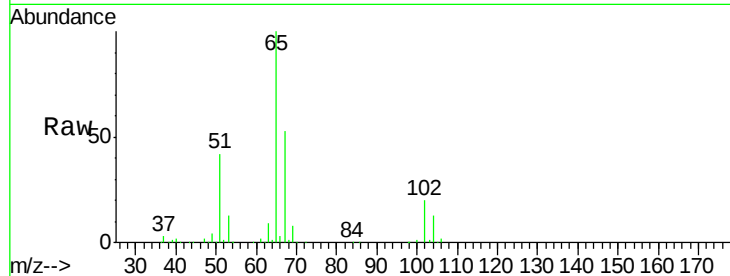
OR-03-050719-B

Tot Ion: 65 Resp: 115434

Ion Ratio Lower Upper

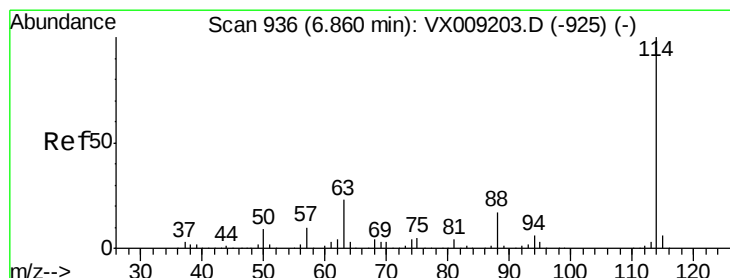
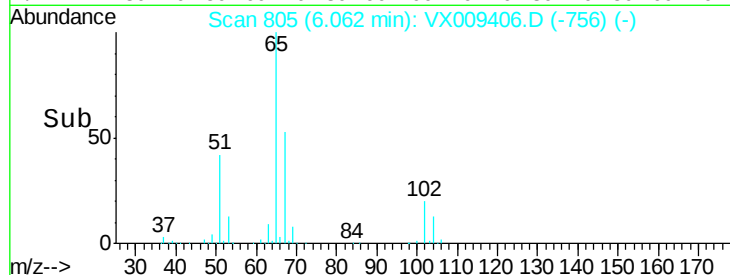
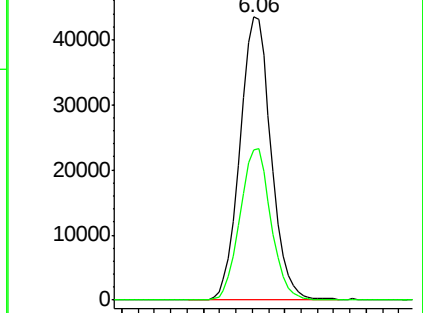
65 100

67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

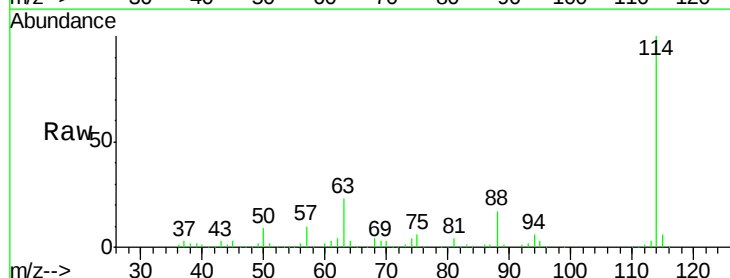
Tgt Ion: 114 Resp: 284049

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

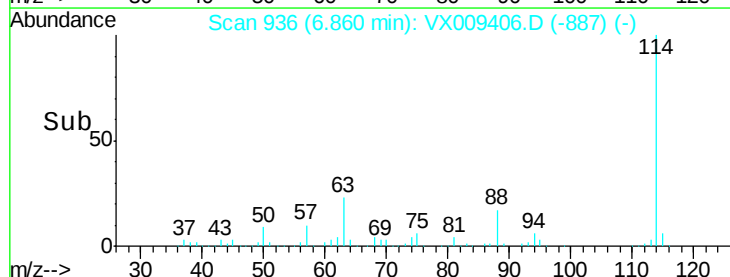
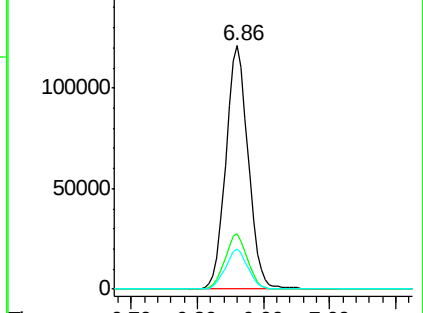
88 16.6 0.0 33.2

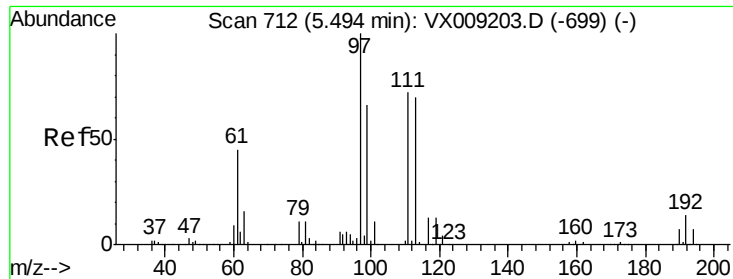


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

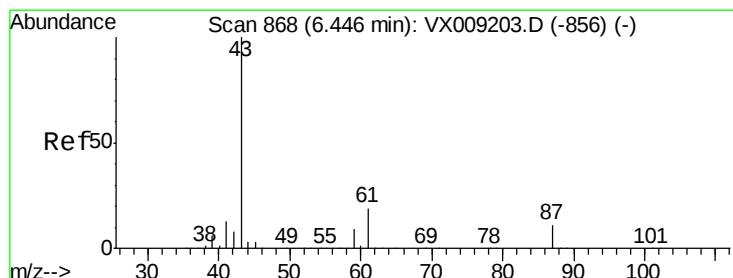
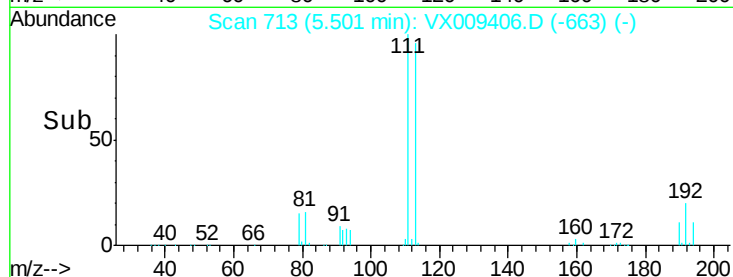
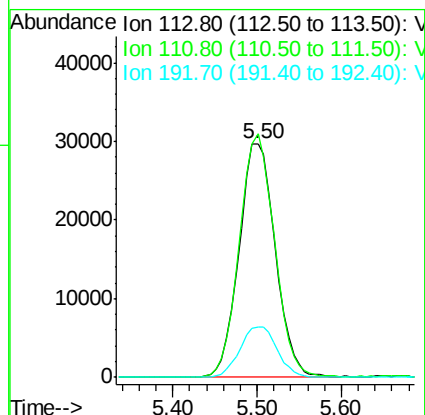
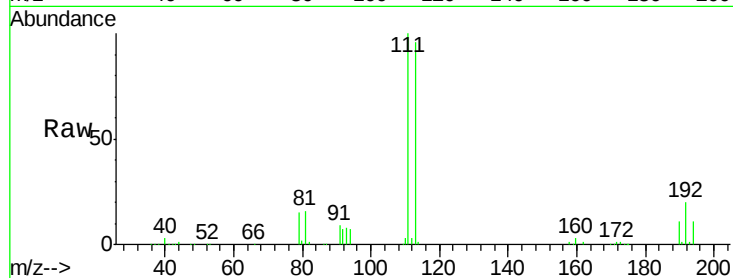




#35
 Dibromofluoromethane
 Concen: 48.548 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009406.D
 Acq: 08 May 2019 18:18

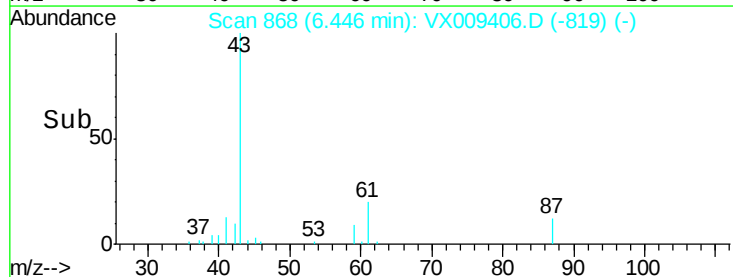
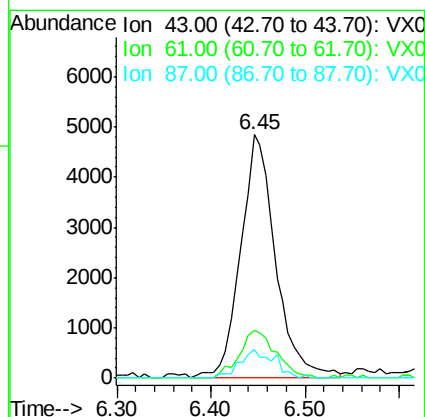
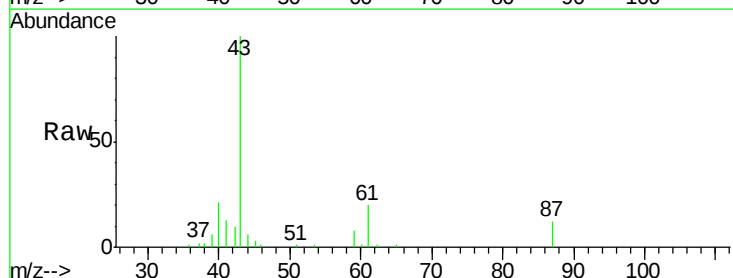
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-050719-B

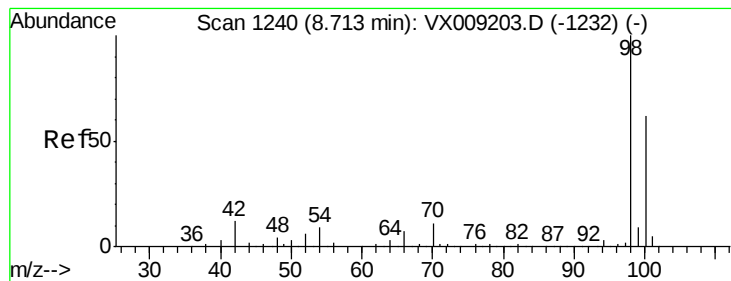
Tot Ion:113 Resp: 86690
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.8 124.2
 192 22.2 17.0 25.6



#43
 Isopropyl Acetate
 Concen: 2.130 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009406.D
 Acq: 08 May 2019 18:18

Tgt Ion: 43 Resp: 12530
 Ion Ratio Lower Upper
 43 100
 61 20.4 15.1 22.7
 87 11.4 9.0 13.6





#50

Toluene-d8

Concen: 49.661 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

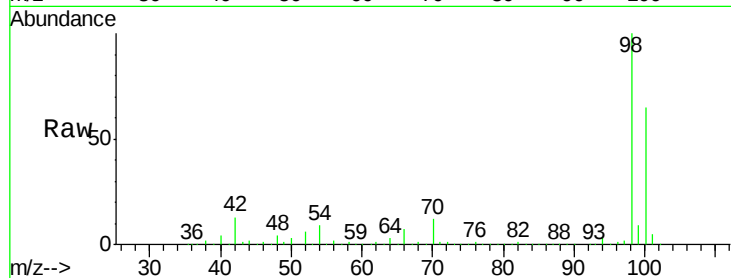
OR-03-050719-B

Tot Ion: 98 Resp: 358014

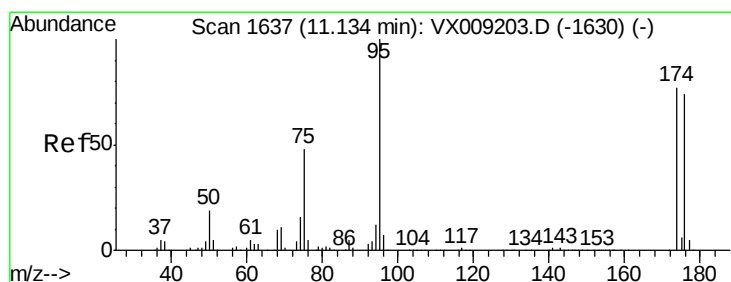
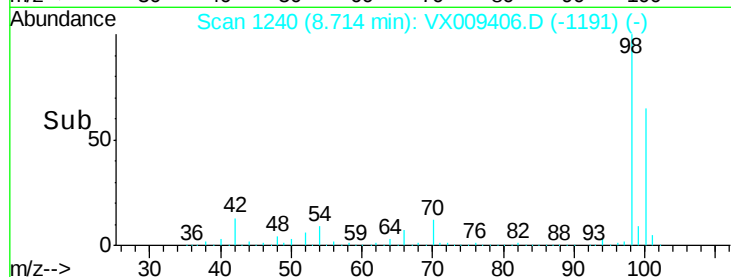
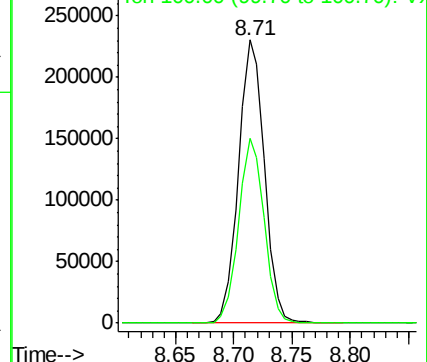
Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX009406.D (-1191) (-)



#62

4-Bromofluorobenzene

Concen: 44.979 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

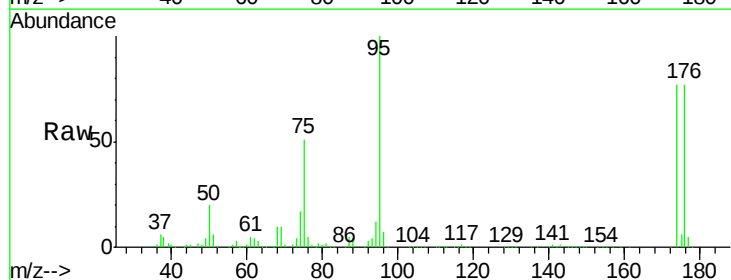
Tgt Ion: 95 Resp: 117823

Ion Ratio Lower Upper

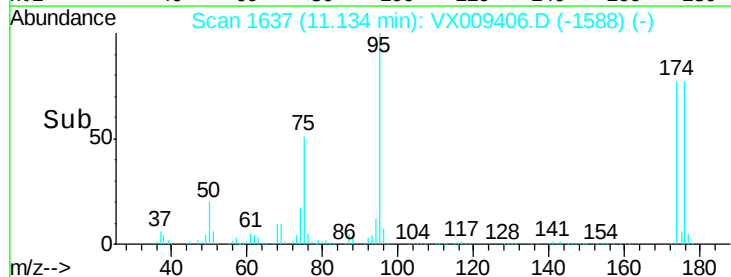
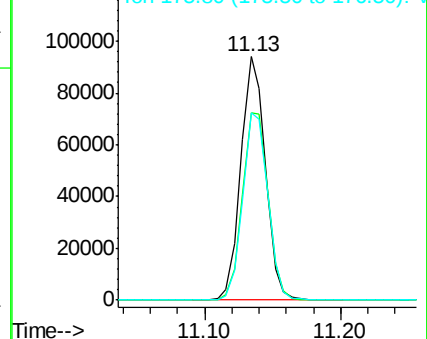
95 100

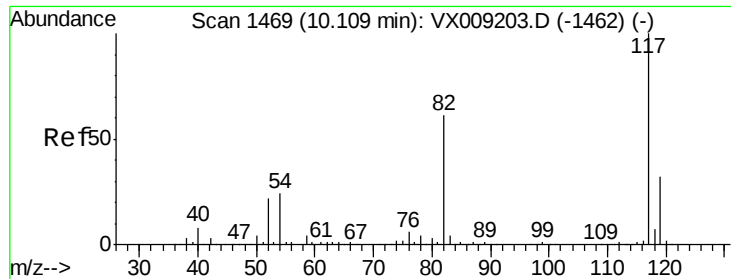
174 80.8 0.0 161.6

176 79.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009406.D (-1588) (-)

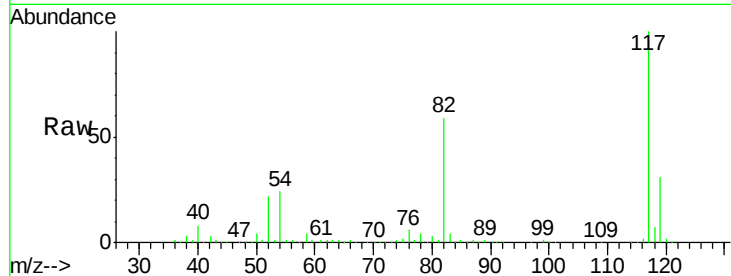




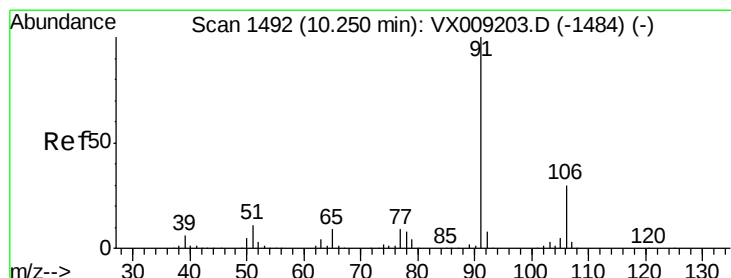
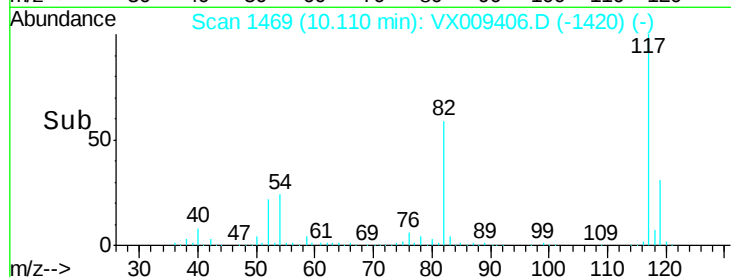
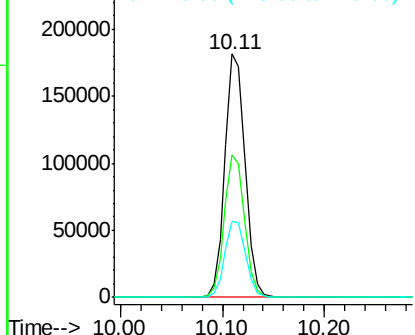
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
OR-03-050719-B

Tot Ion:117 Resp: 249296
Ion Ratio Lower Upper
117 100
82 58.5 48.8 73.2
119 31.3 25.8 38.6

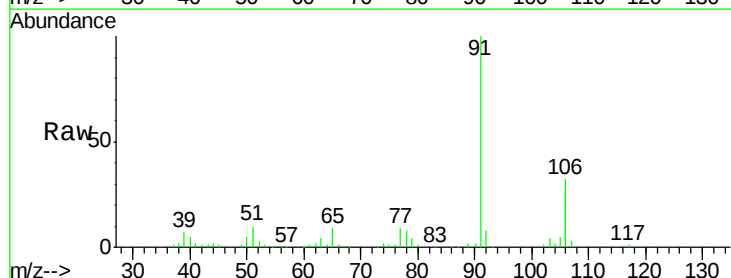


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

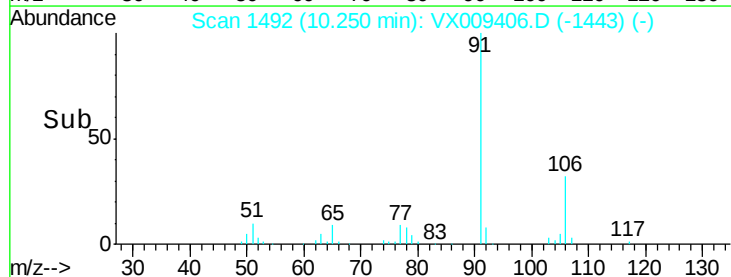
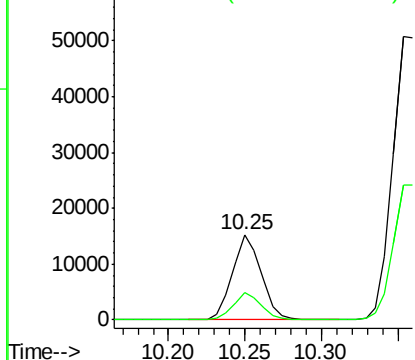


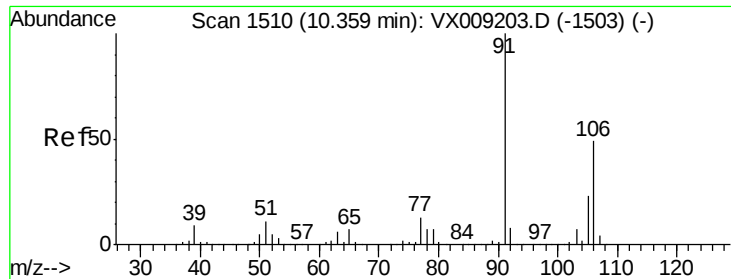
#67
Ethyl Benzene
Concen: 2.181 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

Tgt Ion: 91 Resp: 20018
Ion Ratio Lower Upper
91 100
106 31.8 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

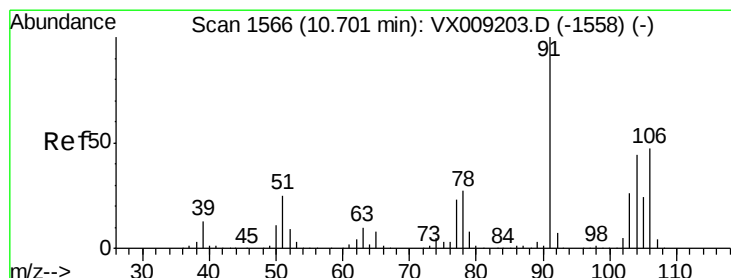
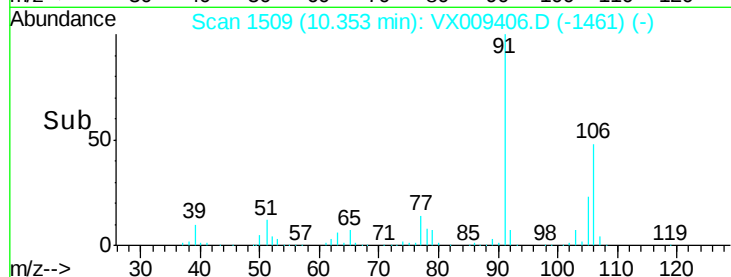
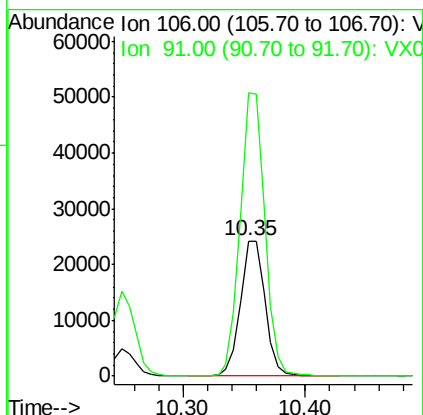
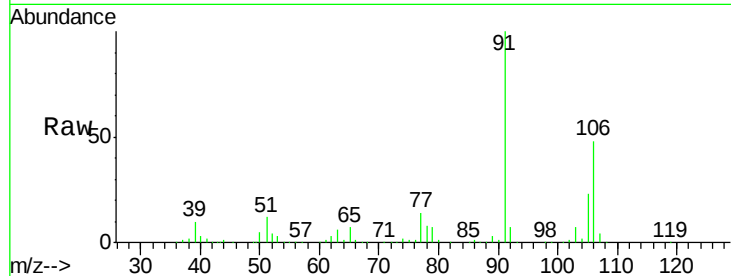




#68
m/p-Xylenes
Concen: 10.120 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

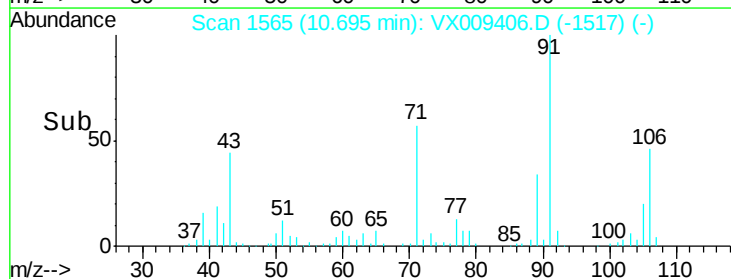
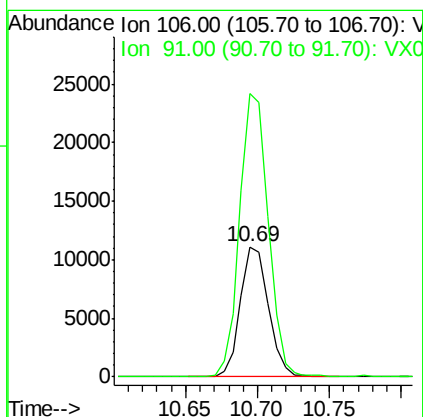
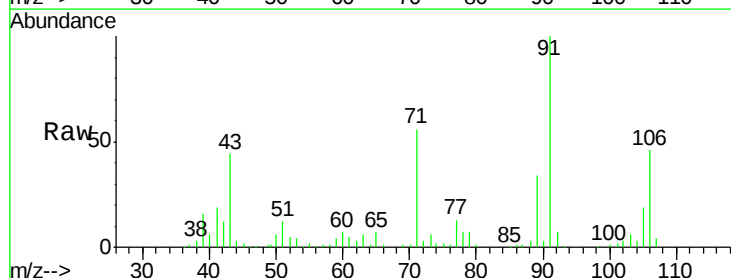
Instrument :
MSVOA_X
ClientSampleId :
OR-03-050719-B

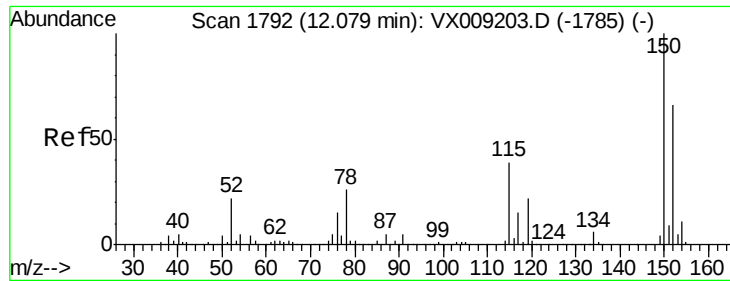
Tot Ion:106 Resp: 33941
Ion Ratio Lower Upper
106 100
91 209.7 164.0 246.0



#69
o-Xylene
Concen: 4.576 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

Tgt Ion:106 Resp: 15142
Ion Ratio Lower Upper
106 100
91 221.0 109.5 328.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampled :

OR-03-050719-B

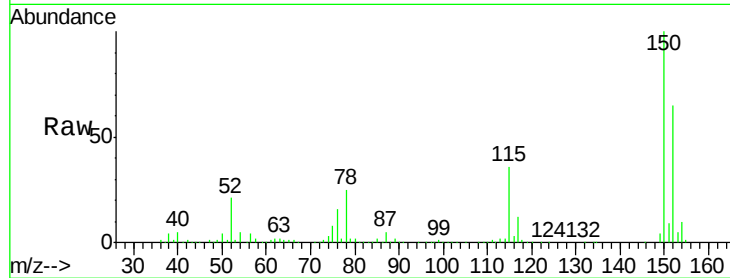
Tot Ion:152 Resp: 104634

Ion Ratio Lower Upper

152 100

115 57.4 41.2 123.6

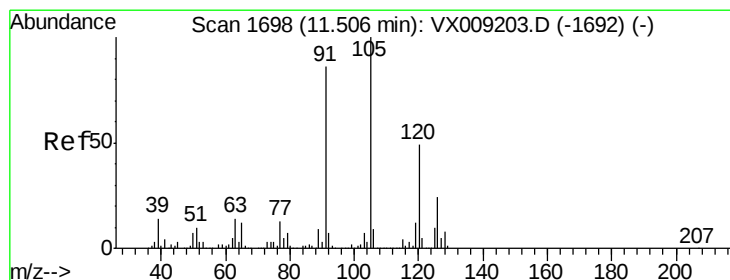
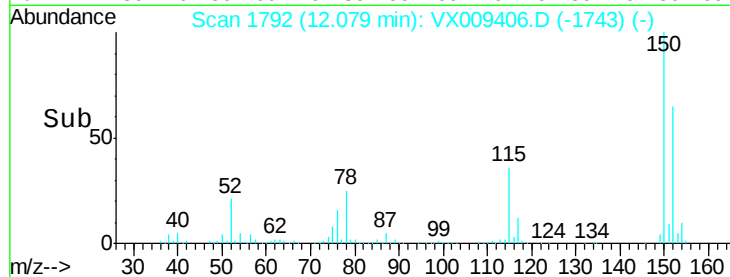
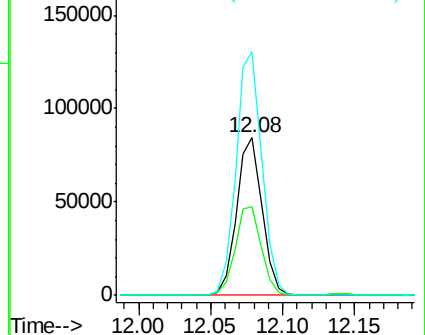
150 157.5 0.0 346.4



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



#80

1,3,5-Trimethylbenzene

Concen: 3.687 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009406.D

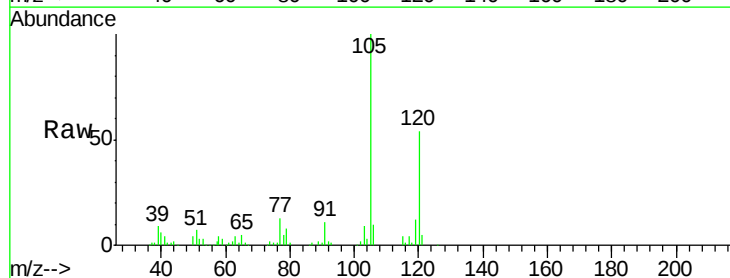
Acq: 08 May 2019 18:18

Tgt Ion:105 Resp: 23623

Ion Ratio Lower Upper

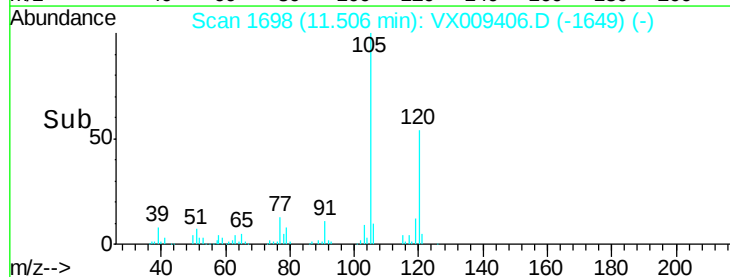
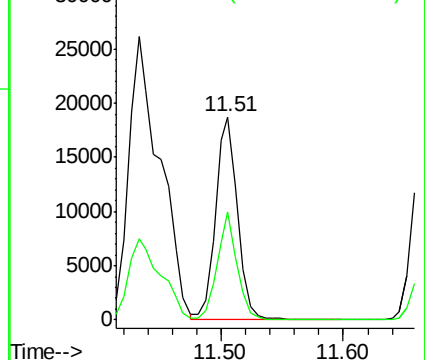
105 100

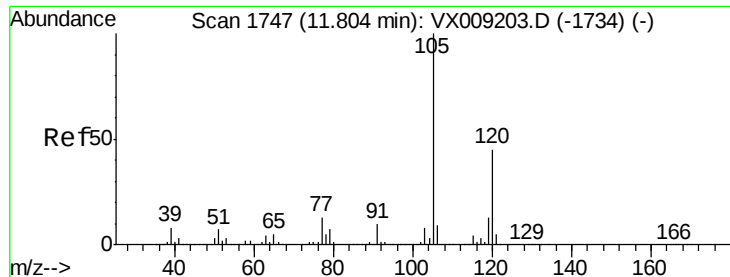
120 47.5 24.3 72.9



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: 17.388 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

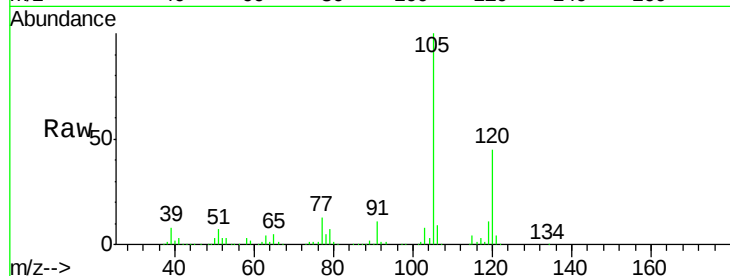
OR-03-050719-B

Tot Ion:105 Resp: 111818

Ion Ratio Lower Upper

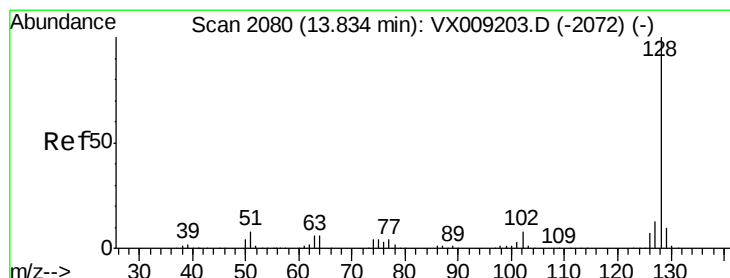
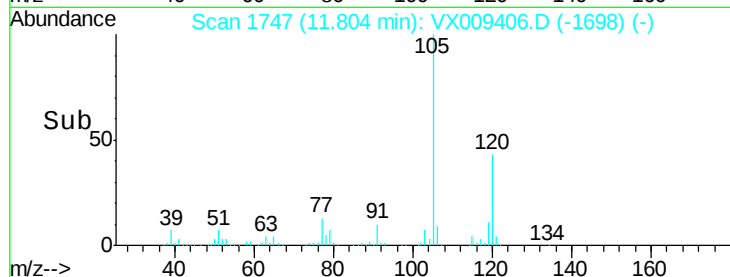
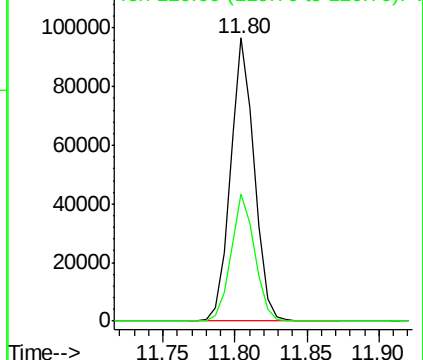
105 100

120 44.9 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 6.490 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

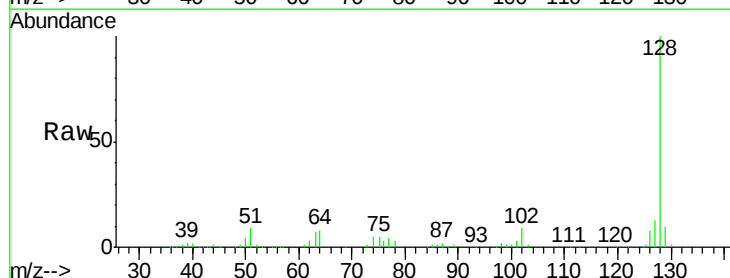
Tgt Ion:128 Resp: 49515

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 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

