

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002045.D
 Acq On : 27 May 2018 03:51
 Operator : JC/MD
 Sample : J2678-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-052318

Quant Time: May 29 05:55:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	25989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	44622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	39264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	20023	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	69026	148.59	ug/l	0.00
Spiked Amount			Recovery	=	297.18%	
35) Dibromofluoromethane	5.51	113	50615	113.43	ug/l	0.00
Spiked Amount			Recovery	=	226.86%	
50) Toluene-d8	8.72	98	161458	99.94	ug/l	0.00
Spiked Amount			Recovery	=	199.88%	
62) 4-Bromofluorobenzene	11.14	95	58958	93.28	ug/l	0.00
Spiked Amount			Recovery	=	186.56%	

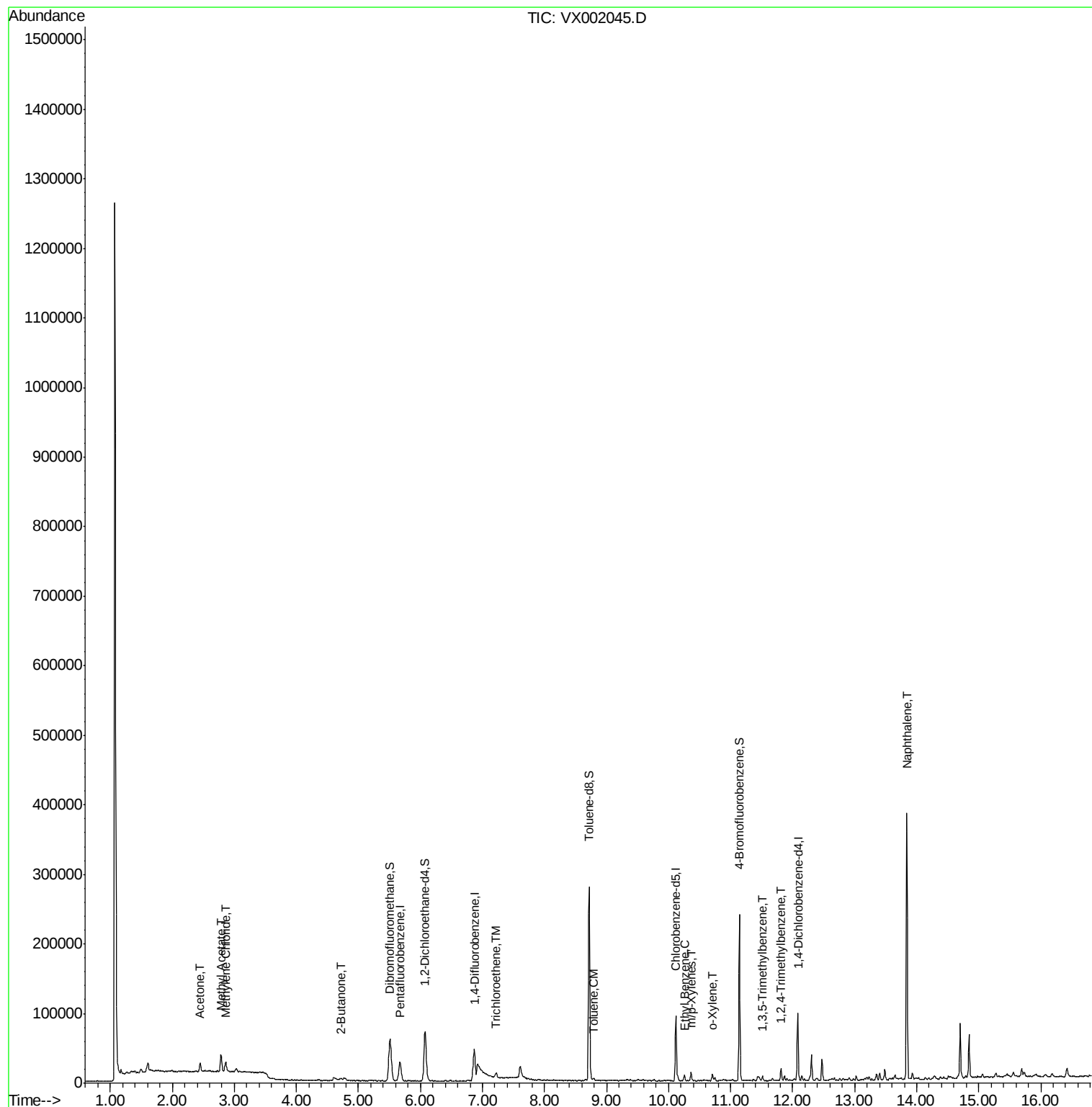
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	13310	74.24	ug/l	99
18) Methyl Acetate	2.78	43	29231	68.09	ug/l	97
20) Methylene Chloride	2.86	84	6146	18.76	ug/l	96
25) 2-Butanone	4.71	43	5374	16.35	ug/l	92
44) Trichloroethene	7.21	130	2073	3.91	ug/l	75
52) Toluene	8.79	92	1311	1.13	ug/l #	73
67) Ethyl Benzene	10.26	91	4610	2.13	ug/l	99
68) m/p-Xylenes	10.36	106	2759	3.34	ug/l	98
69) o-Xylene	10.71	106	1568	1.90	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	2308	1.59	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	6680	4.46	ug/l	97
95) Naphthalene	13.84	128	231756	128.15	ug/l	100

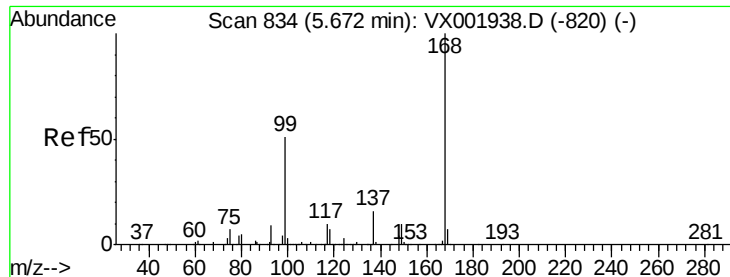
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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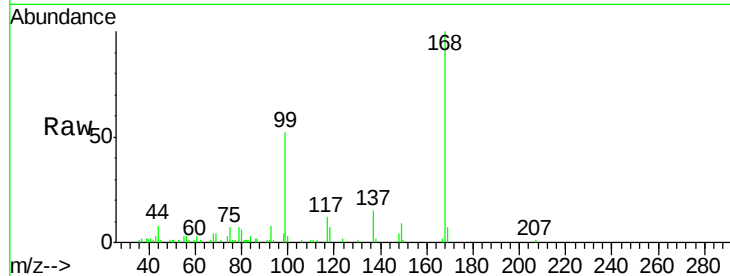


#1

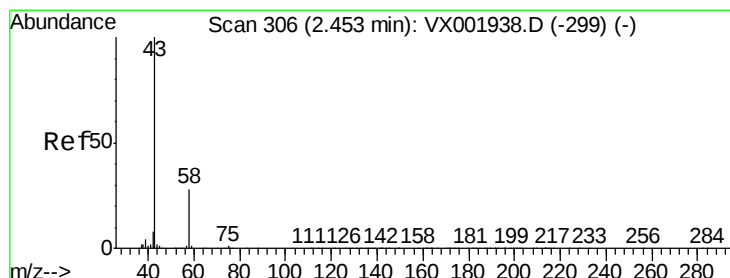
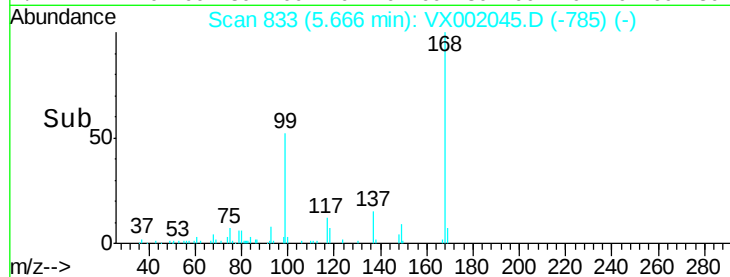
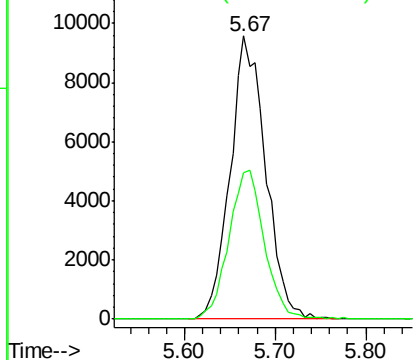
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: VX002045.D
 Acq: 27 May 2018 03:51

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-052318

Tot Ion:168 Resp: 25989
 Ion Ratio Lower Upper
 168 100
 99 51.7 41.0 61.4



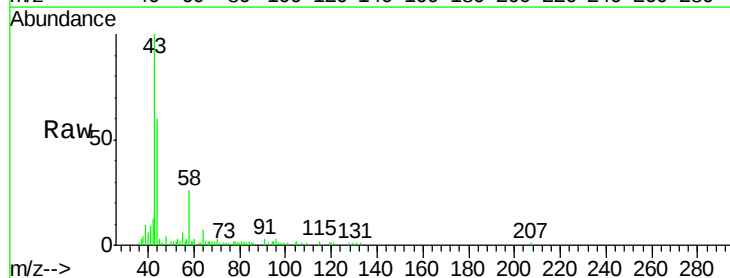
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



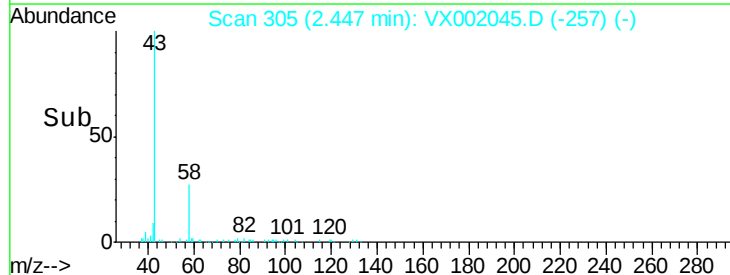
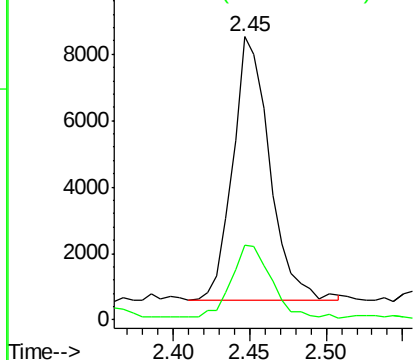
#16

Acetone
 Concen: 74.24 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002045.D
 Acq: 27 May 2018 03:51

Tgt Ion: 43 Resp: 13310
 Ion Ratio Lower Upper
 43 100
 58 27.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

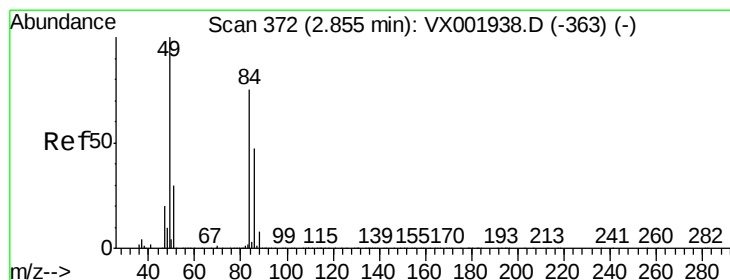
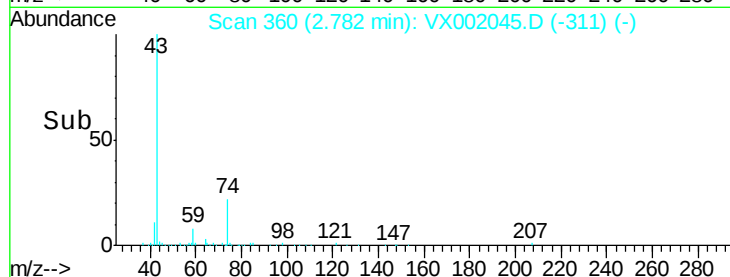
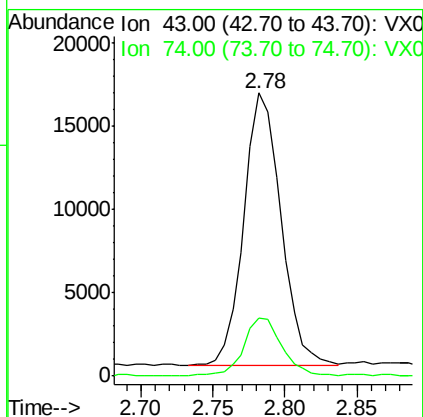
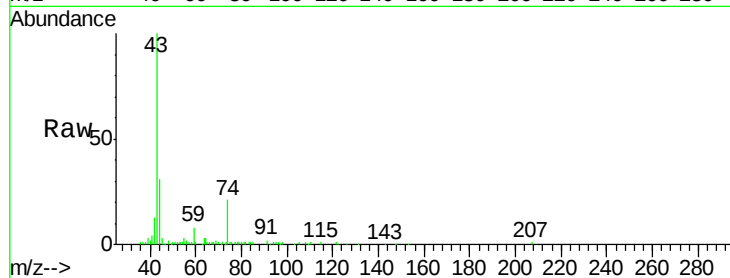




#18
Methvl Acetate
Concen: 68.09 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002045.D
Acq: 27 May 2018 03:51

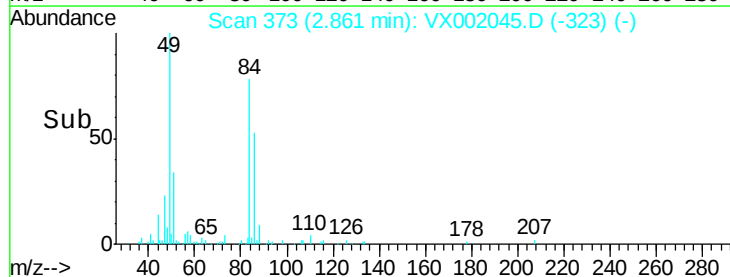
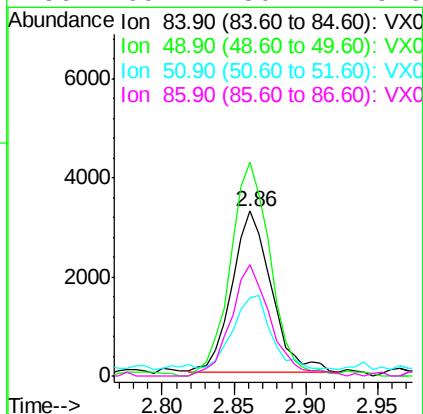
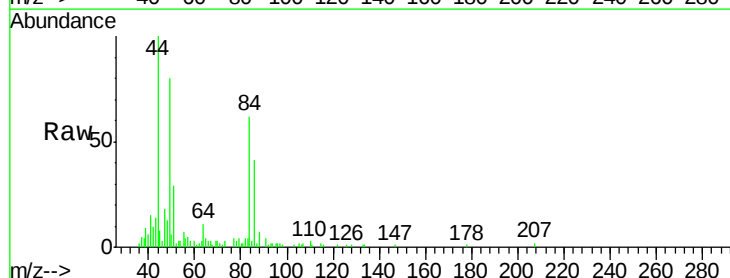
Instrument :
MSVOA_X
ClientSampleId :
OR-03-052318

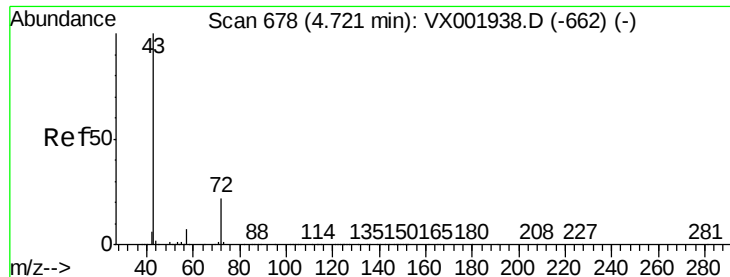
Tot Ion: 43 Resp: 29231
Ion Ratio Lower Upper
43 100
74 22.5 16.8 25.2



#20
Methylene Chloride
Concen: 18.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002045.D
Acq: 27 May 2018 03:51

Tgt Ion: 84 Resp: 6146
Ion Ratio Lower Upper
84 100
49 133.0 107.2 160.8
51 44.6 32.4 48.6
86 69.2 50.4 75.6





#25

2-Butanone

Concen: 16.35 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002045.D

Acq: 27 May 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

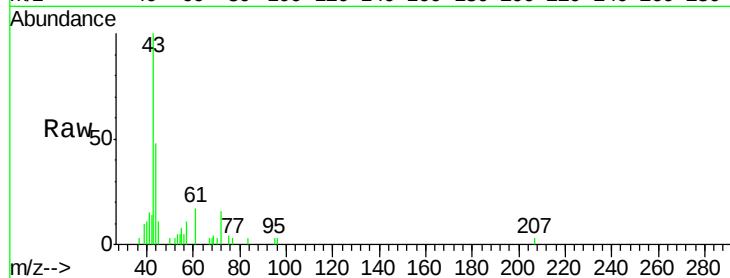
OR-03-052318

Tot Ion: 43 Resp: 5374

Ion Ratio Lower Upper

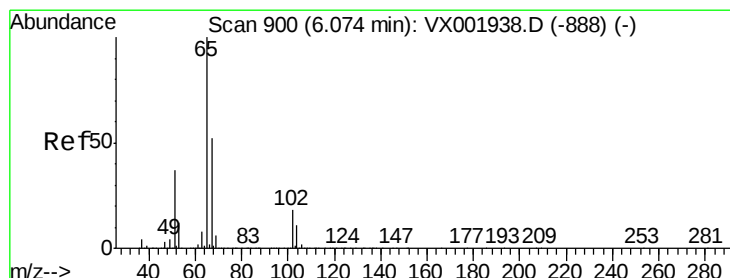
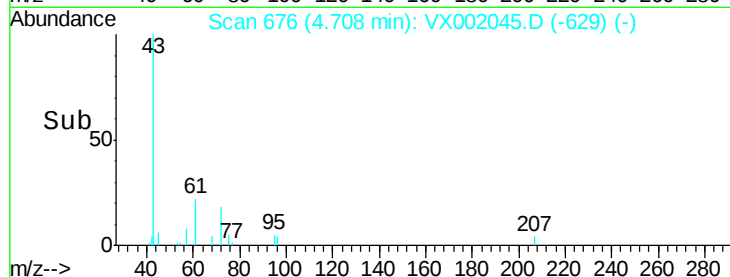
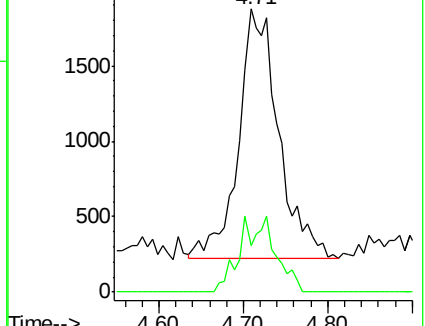
43 100

72 18.5 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 148.59 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002045.D

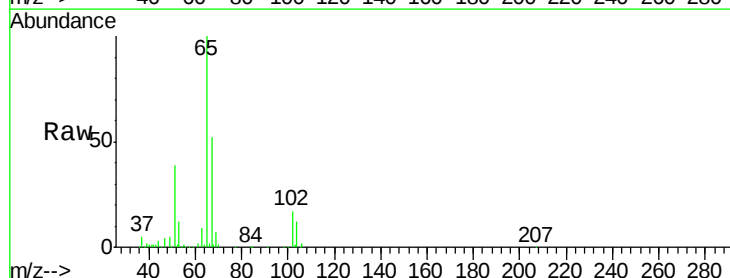
Acq: 27 May 2018 03:51

Tgt Ion: 65 Resp: 69026

Ion Ratio Lower Upper

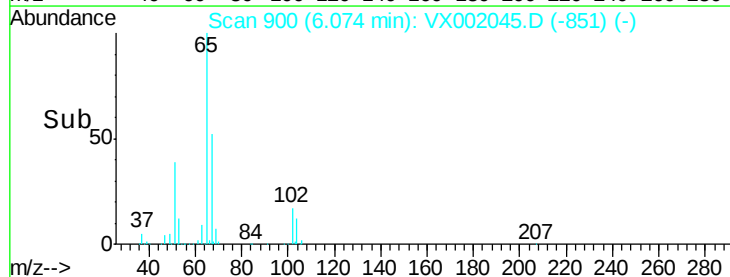
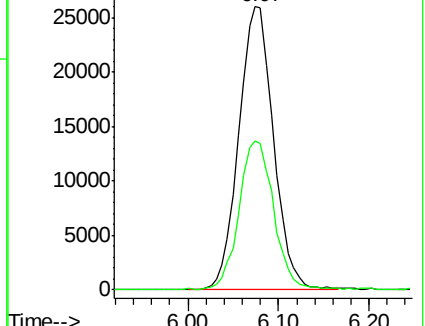
65 100

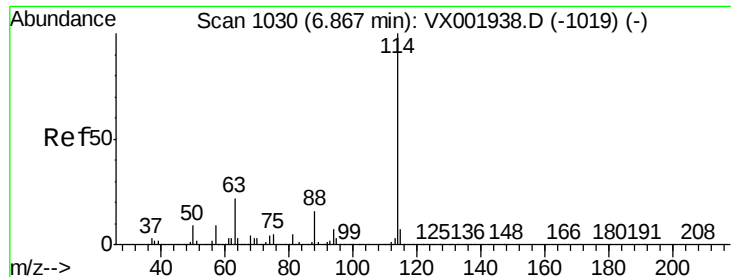
67 51.9 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002045.D

Acq: 27 May 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

OR-03-052318

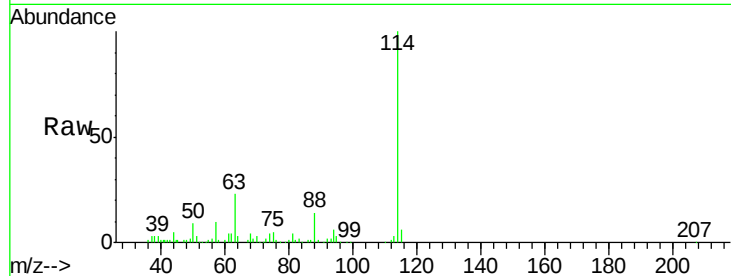
Tot Ion:114 Resp: 44622

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

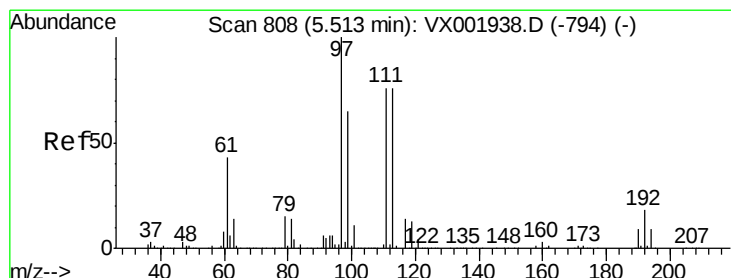
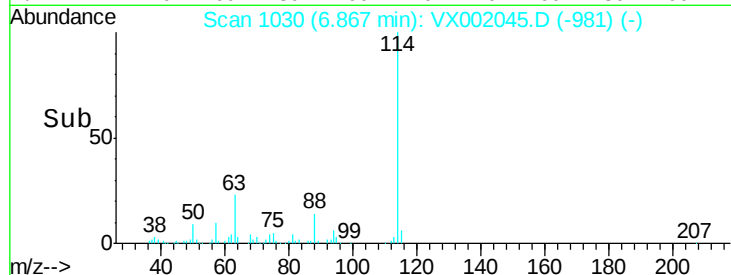
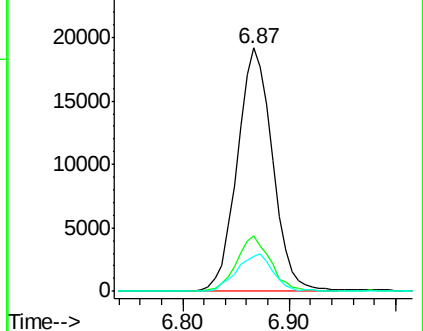
88 14.5 0.0 31.6



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: 113.43 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002045.D

Acq: 27 May 2018 03:51

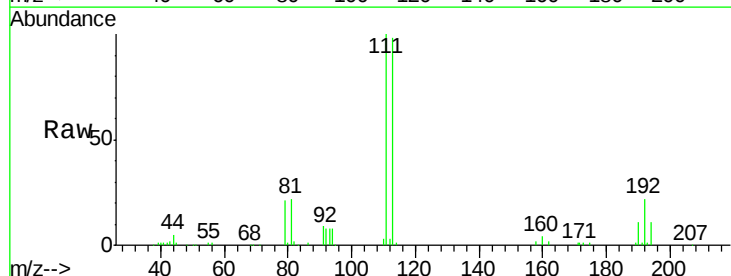
Tgt Ion:113 Resp: 50615

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

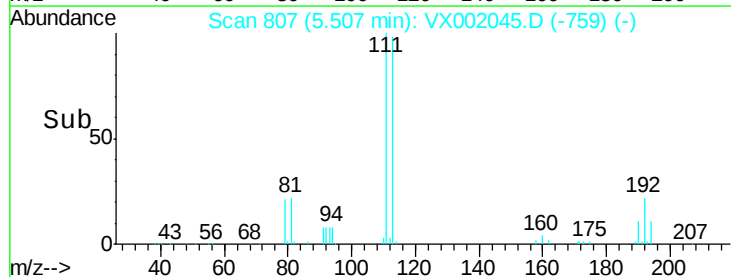
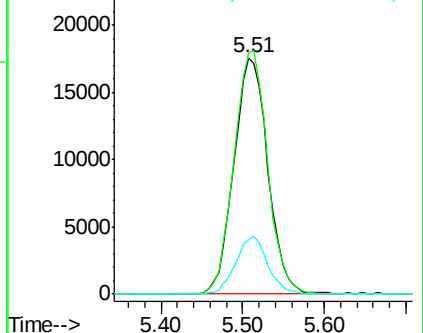
192 22.9 18.9 28.3

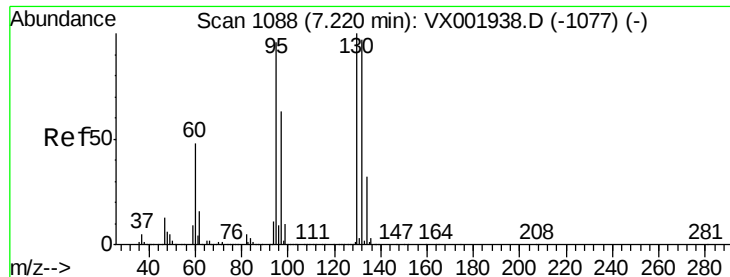


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.91 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002045.D

Acq: 27 May 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

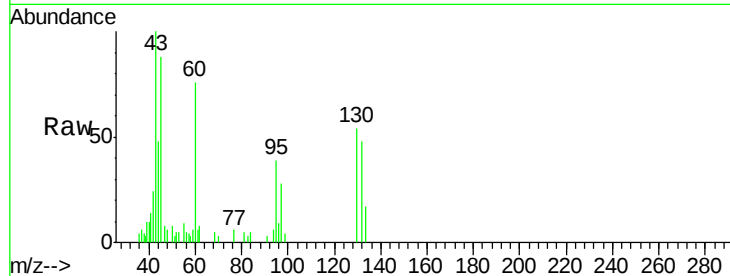
OR-03-052318

Tot Ion:130 Resp: 2073

Ion Ratio Lower Upper

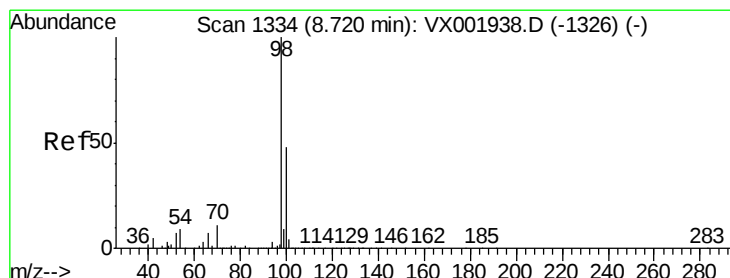
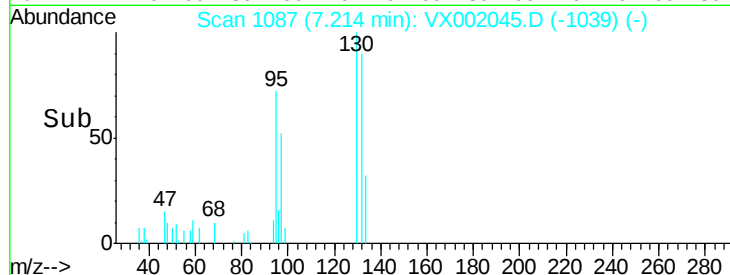
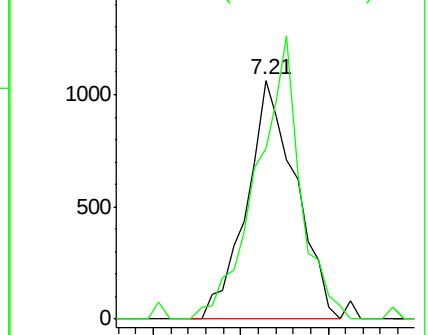
130 100

95 71.7 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 99.94 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002045.D

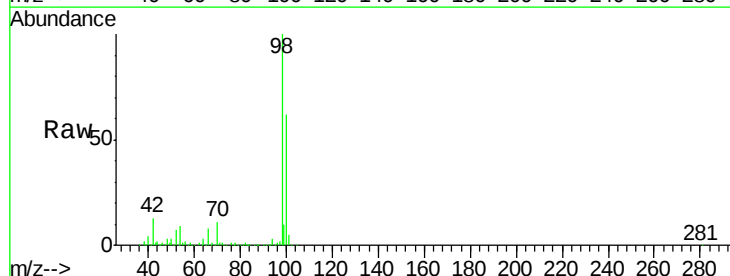
Acq: 27 May 2018 03:51

Tgt Ion: 98 Resp: 161458

Ion Ratio Lower Upper

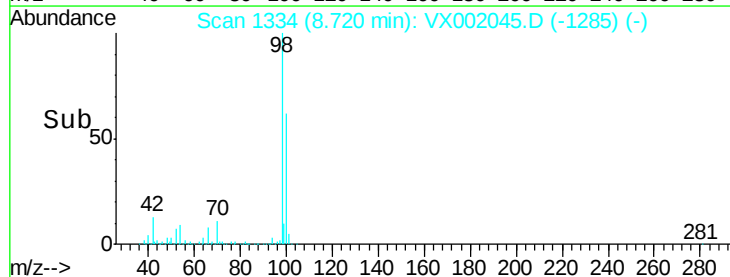
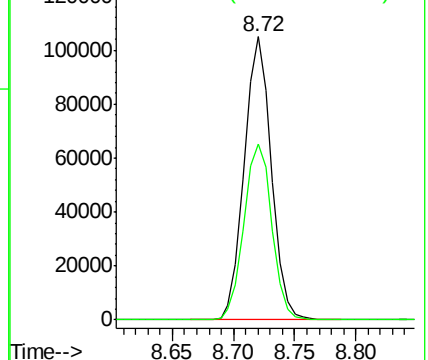
98 100

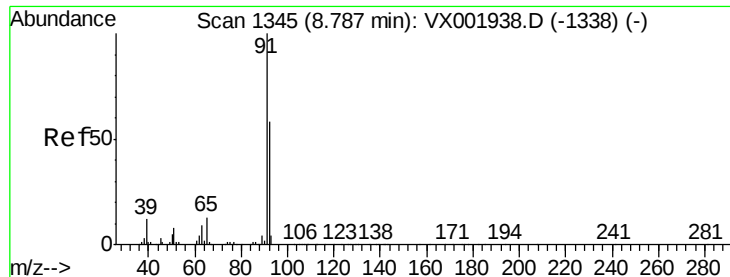
100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 1.13 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002045.D

Acq: 27 May 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

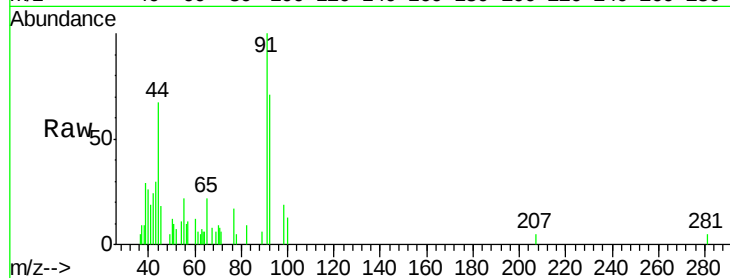
OR-03-052318

Tot Ion: 92 Resp: 1311

Ion Ratio Lower Upper

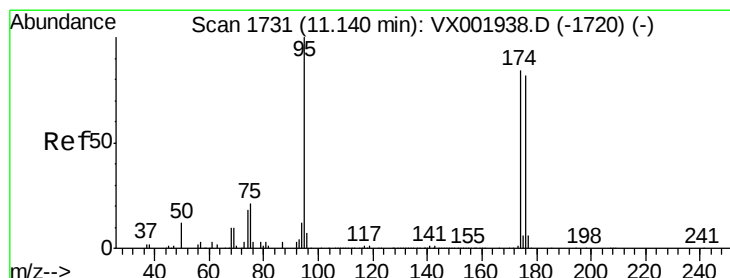
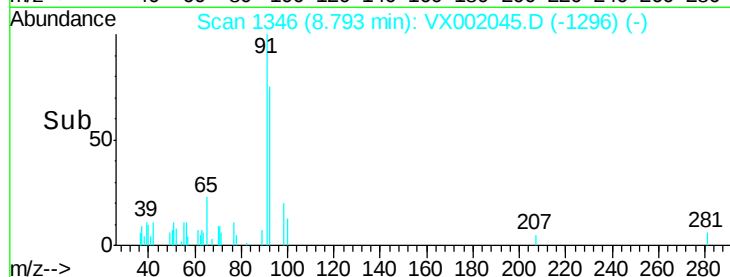
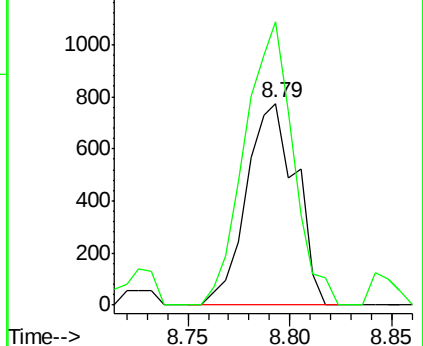
92 100

91 136.5 139.4 209.2#



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 93.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002045.D

Acq: 27 May 2018 03:51

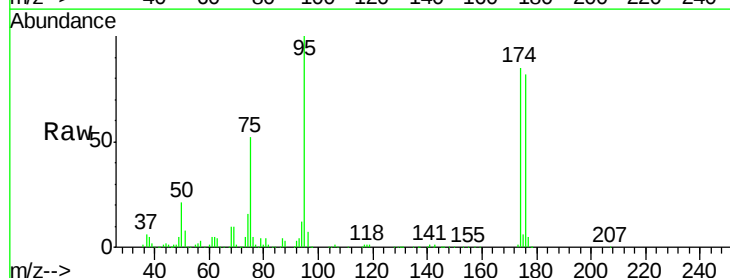
Tgt Ion: 95 Resp: 58958

Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.8

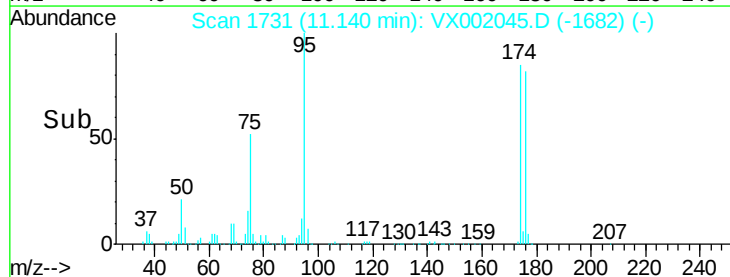
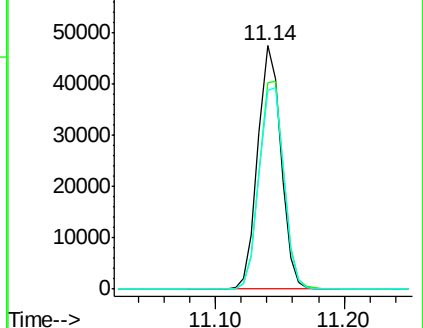
176 88.1 0.0 175.6

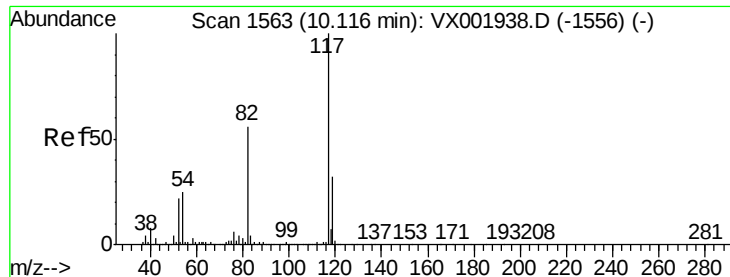


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002045.D

Acq: 27 May 2018 03:51

Instrument :

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ClientSampleId :

OR-03-052318

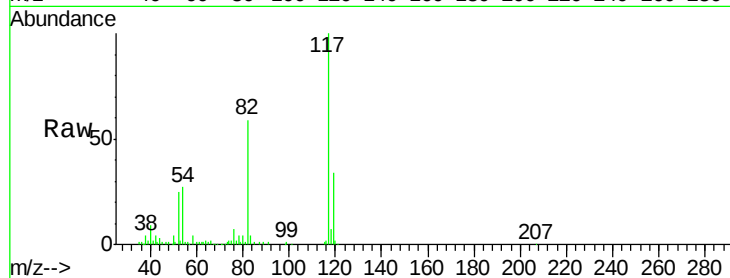
Tot Ion:117 Resp: 39264

Ion Ratio Lower Upper

117 100

82 58.5 44.8 67.2

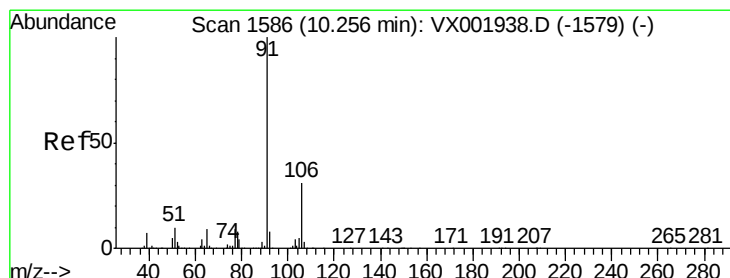
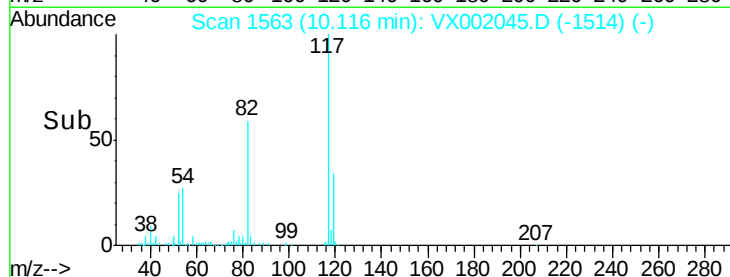
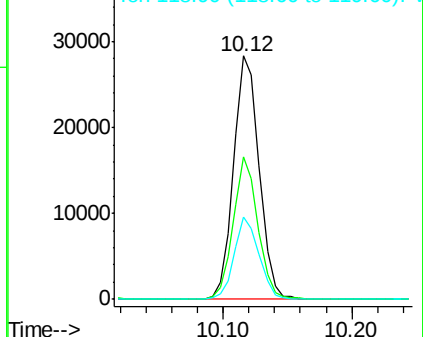
119 33.9 25.5 38.3



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: 2.13 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002045.D

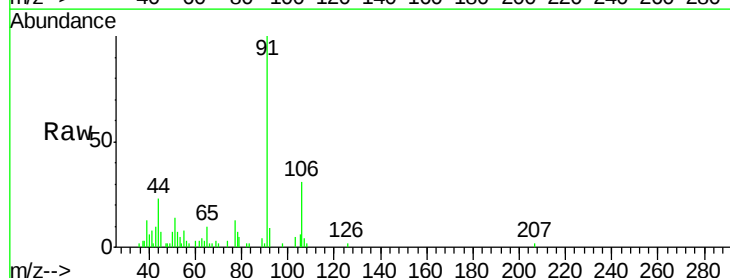
Acq: 27 May 2018 03:51

Tgt Ion: 91 Resp: 4610

Ion Ratio Lower Upper

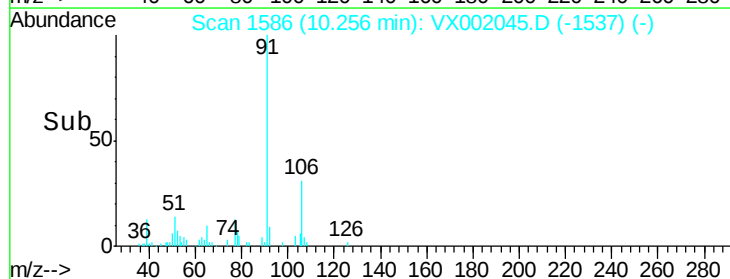
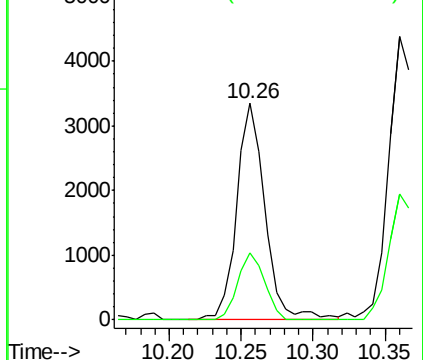
91 100

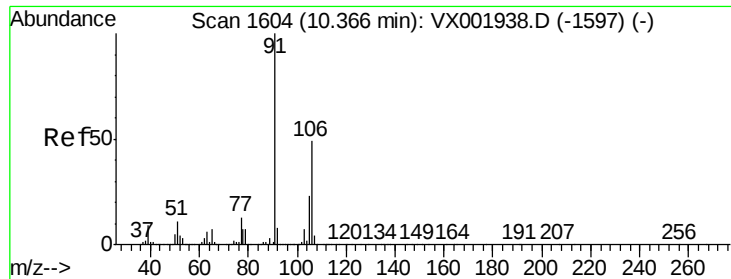
106 30.9 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

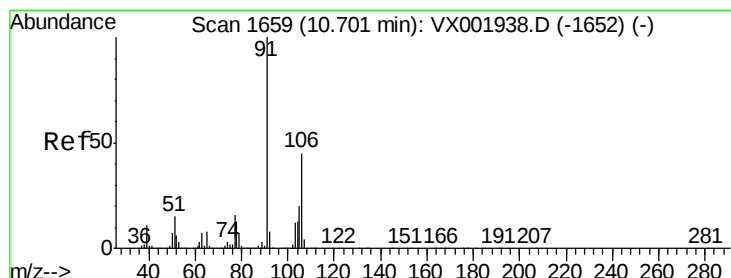
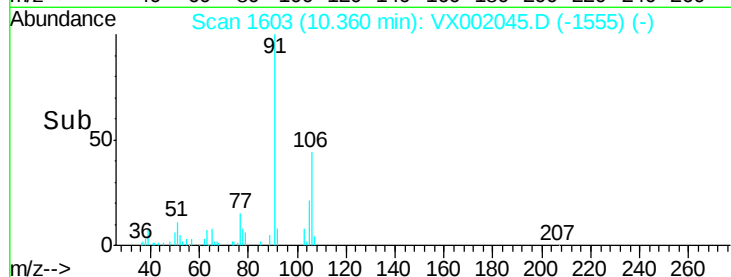
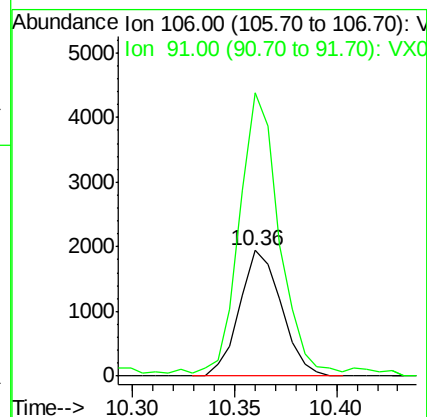
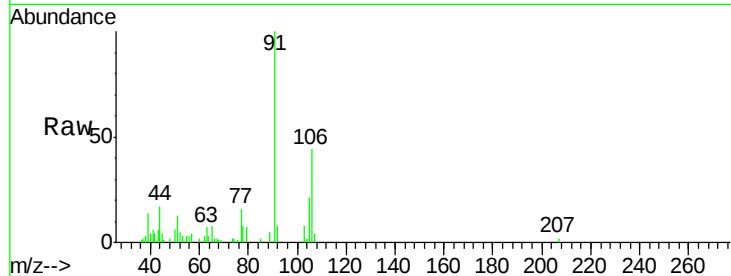




#68
m/p-Xylenes
Concen: 3.34 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002045.D
Acq: 27 May 2018 03:51

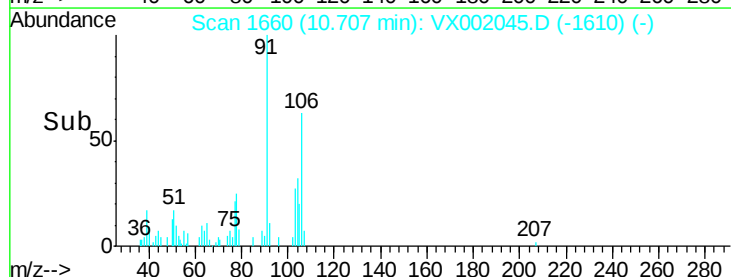
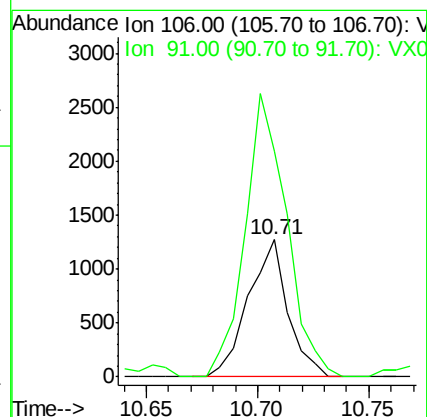
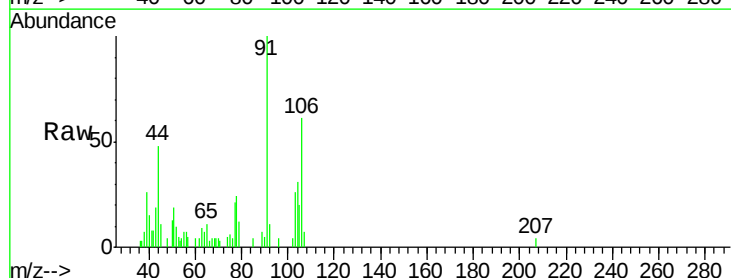
Instrument :
MSVOA_X
ClientSampleId :
OR-03-052318

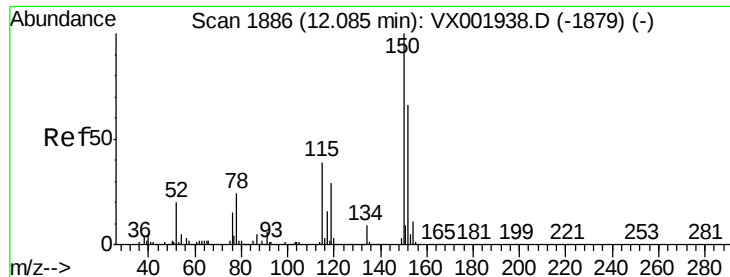
Tot Ion:106 Resp: 2759
Ion Ratio Lower Upper
106 100
91 209.3 165.0 247.6



#69
o-Xylene
Concen: 1.90 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002045.D
Acq: 27 May 2018 03:51

Tgt Ion:106 Resp: 1568
Ion Ratio Lower Upper
106 100
91 217.3 108.7 325.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002045.D

Acq: 27 May 2018 03:51

Instrument :

MSVOA_X

ClientSampleId :

OR-03-052318

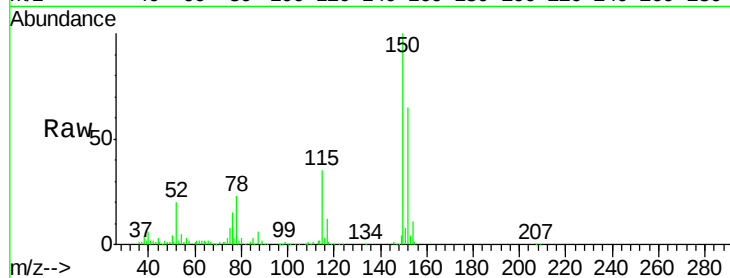
Tot Ion:152 Resp: 20023

Ion Ratio Lower Upper

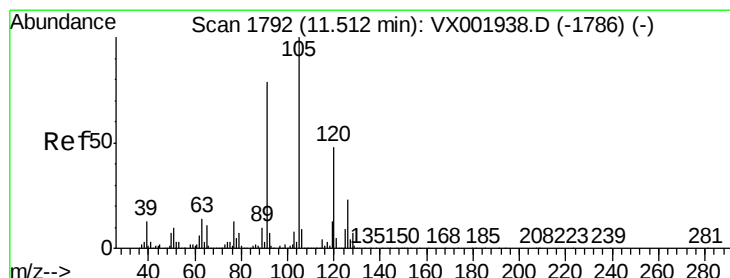
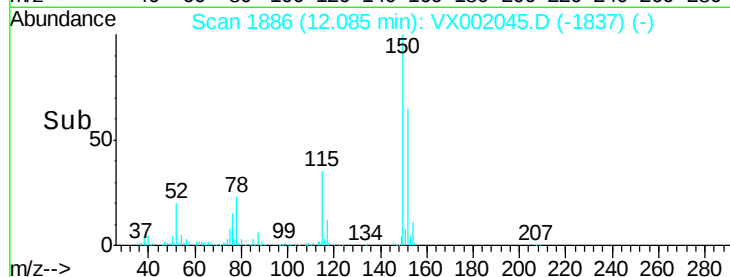
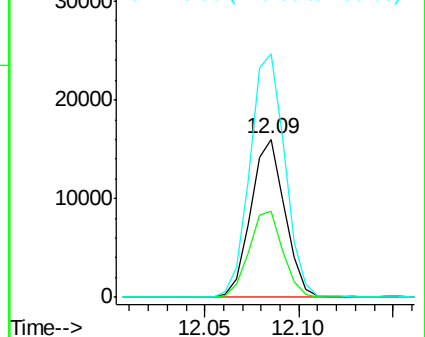
152 100

115 54.2 42.3 126.8

150 158.6 0.0 351.0



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: 1.59 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002045.D

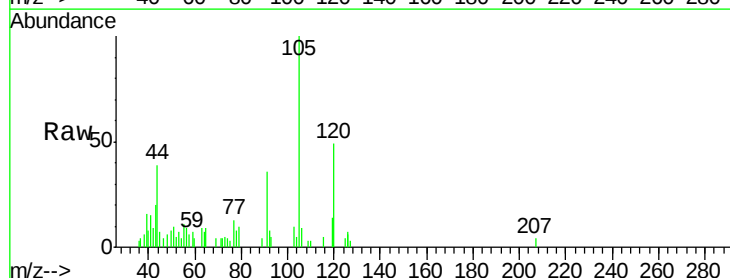
Acq: 27 May 2018 03:51

Tgt Ion:105 Resp: 2308

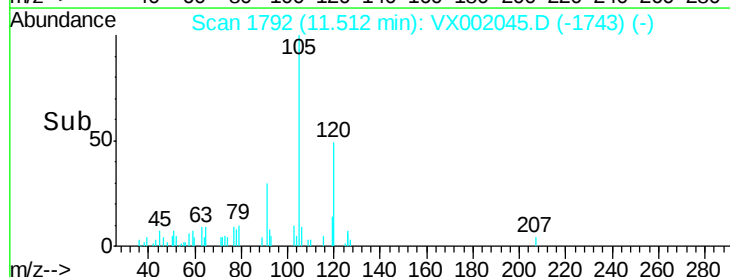
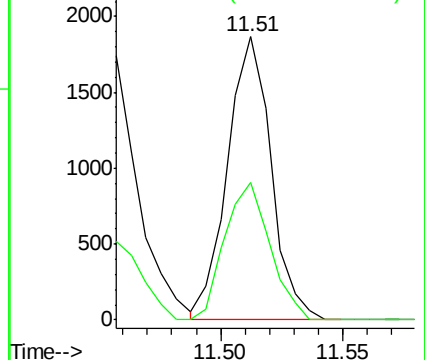
Ion Ratio Lower Upper

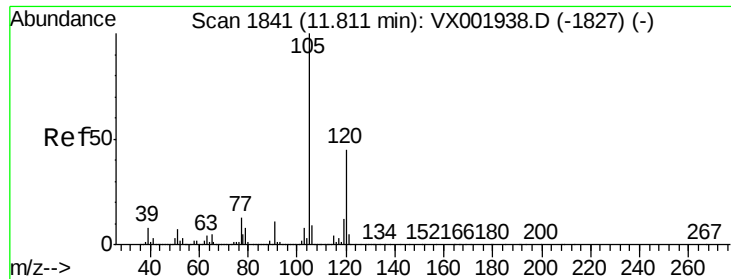
105 100

120 50.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

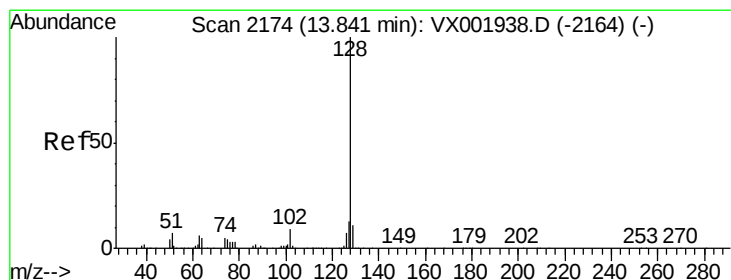
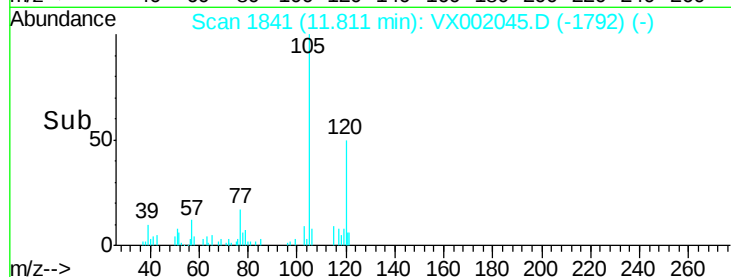
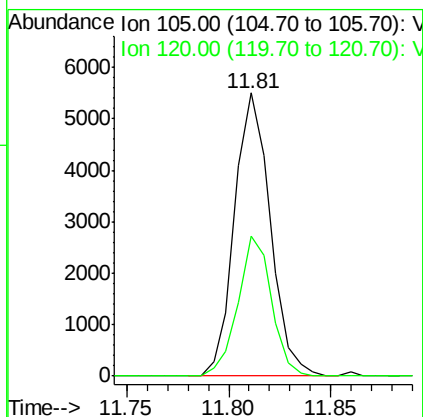
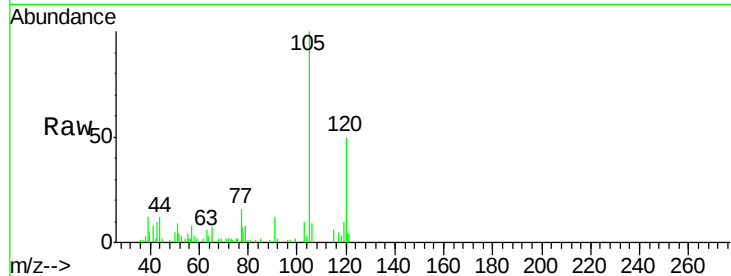




#84
 1,2,4-Trimethylbenzene
 Concen: 4.46 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002045.D
 Acq: 27 May 2018 03:51

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-052318

Tot Ion:105 Resp: 6680
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.1 66.5



#95
 Naphthalene
 Concen: 128.15 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX002045.D
 Acq: 27 May 2018 03:51

Tgt Ion:128 Resp: 231756
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 11.1 8.8 13.2

