

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004163.D
 Acq On : 20 Aug 2018 19:47
 Operator : JC/MD
 Sample : J4277-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-081718-A

Quant Time: Aug 21 02:14:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	420727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228822	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	194427	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
35) Dibromofluoromethane	5.51	113	166941	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
50) Toluene-d8	8.71	98	623856	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.14	95	213372	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	

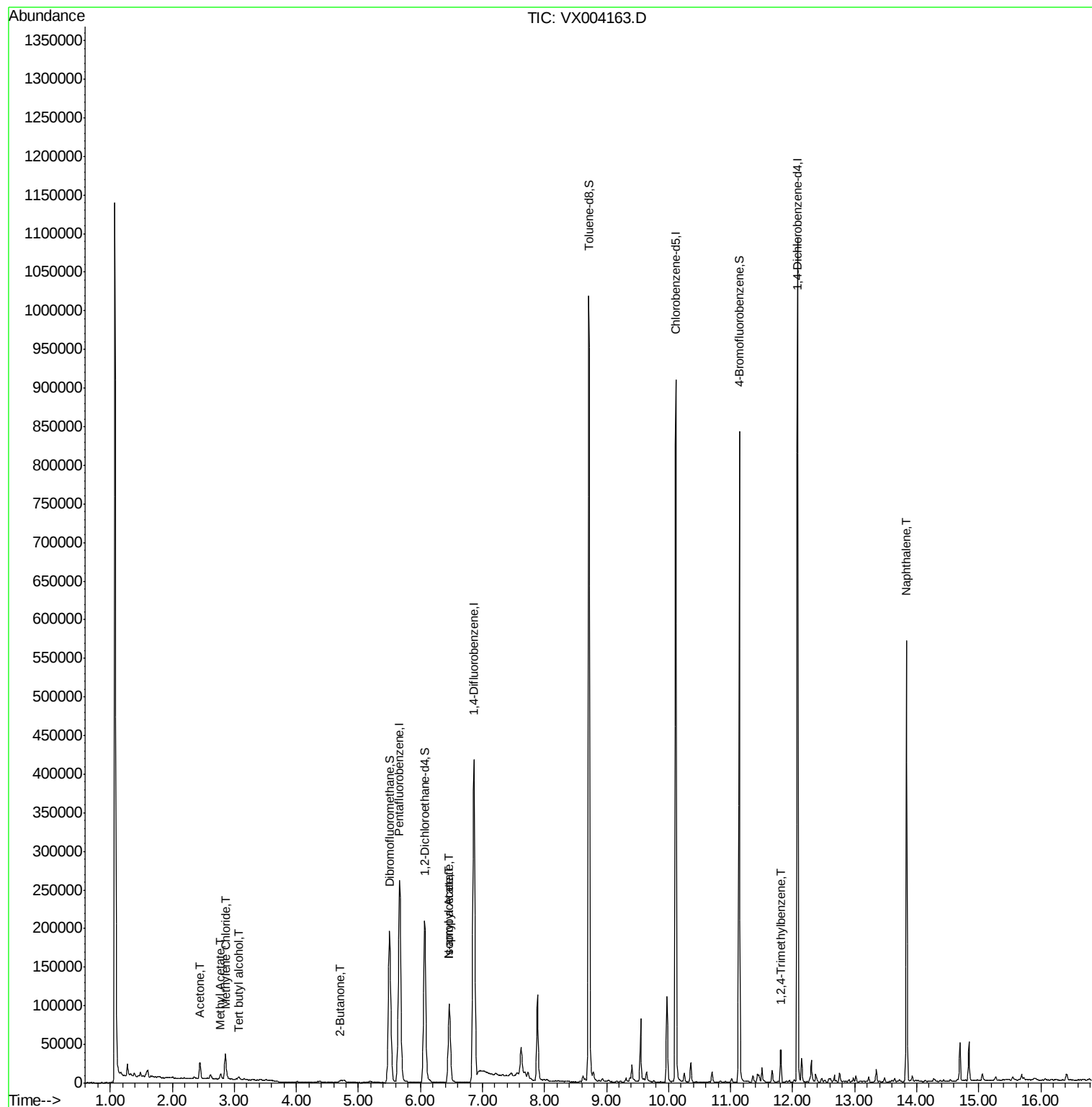
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	4483	5.82	ug/l	96
16) Acetone	2.45	43	23015	11.58	ug/l	95
18) Methyl Acetate	2.78	43	8169	1.85	ug/l	95
20) Methylene Chloride	2.86	84	15546	4.23	ug/l	96
25) 2-Butanone	4.71	43	5385	1.66	ug/l	97
43) Isopropyl Acetate	6.46	43	131742	16.82	ug/l	99
74) N-amyl acetate	6.46	43	131742	18.09	ug/l #	98
84) 1,2,4-Trimethylbenzene	11.80	105	18215	1.39	ug/l	98
95) Naphthalene	13.83	128	332470	21.45	ug/l	99

(#) = 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. 0.00 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

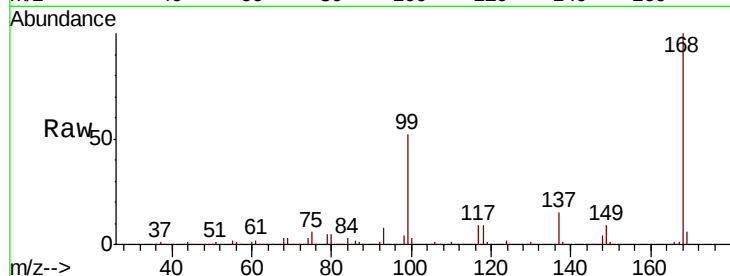
OR-03-081718-A

Tot Ion:168 Resp: 271412

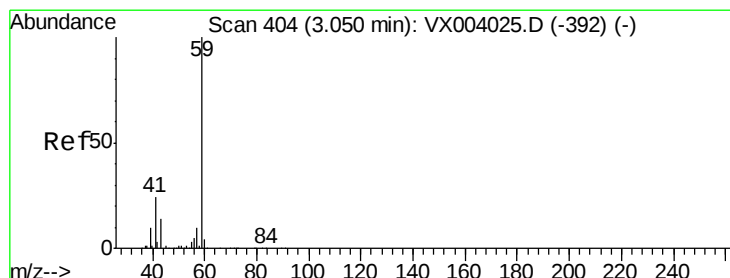
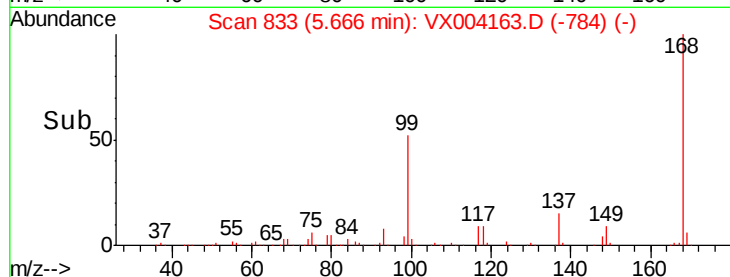
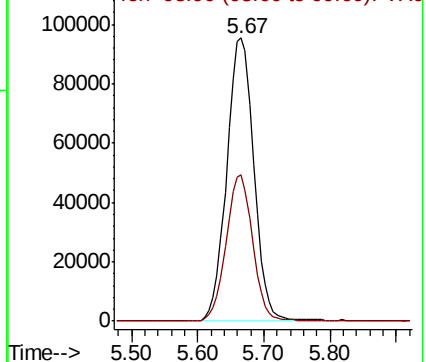
Ion Ratio Lower Upper

168 100

99 51.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): VX004163.D (-784) (-)



#11

Tert butyl alcohol

Concen: 5.82 ug/l

RT: 3.07 min Scan# 408

Delta R.T. 0.02 min

Lab File: VX004163.D

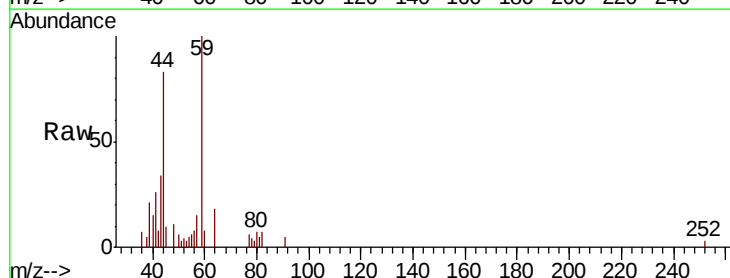
Acq: 20 Aug 2018 19:47

Tgt Ion: 59 Resp: 4483

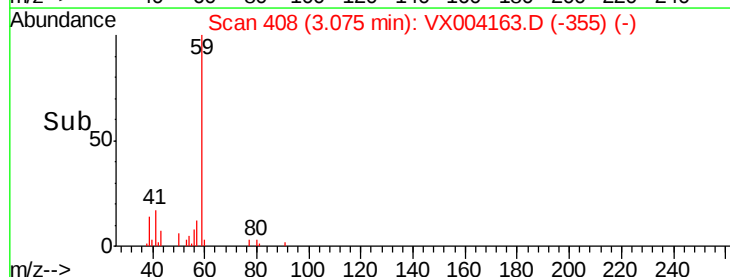
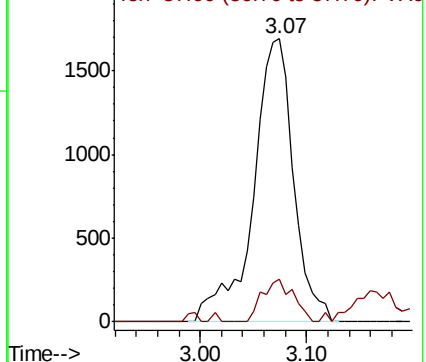
Ion Ratio Lower Upper

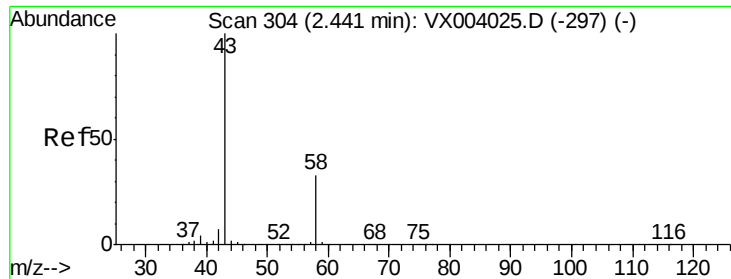
59 100

57 11.7 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX004163.D (-355) (-)





#16

Acetone

Concen: 11.58 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

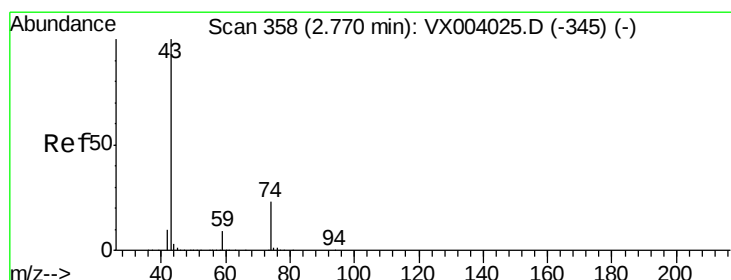
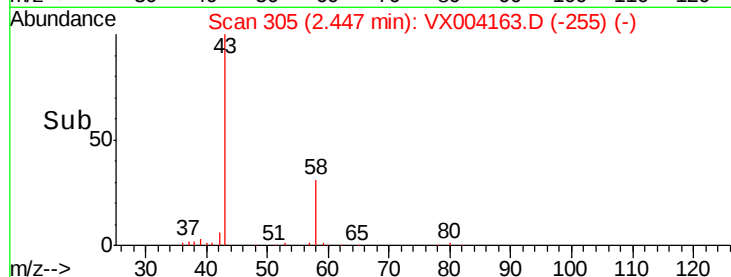
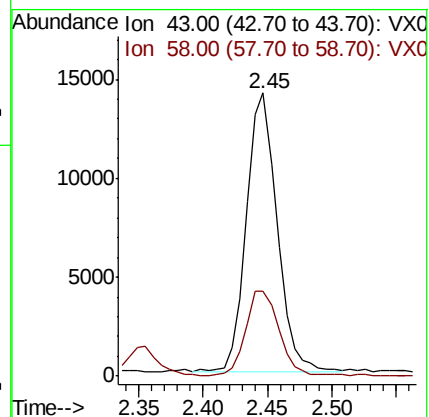
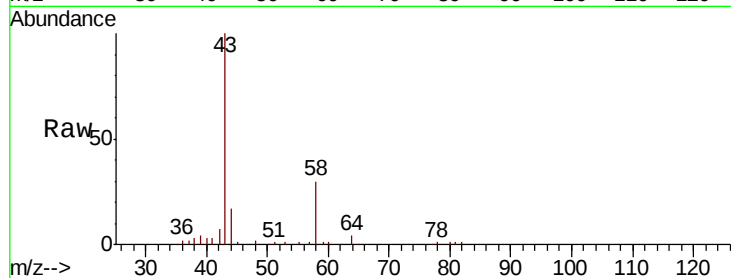
OR-03-081718-A

Tot Ion: 43 Resp: 23015

Ion Ratio Lower Upper

43 100

58 30.2 26.4 39.6



#18

Methyl Acetate

Concen: 1.85 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.01 min

Lab File: VX004163.D

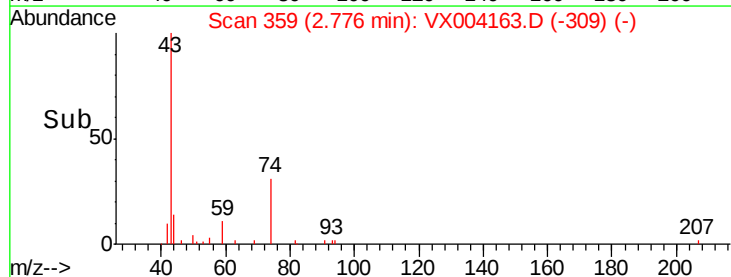
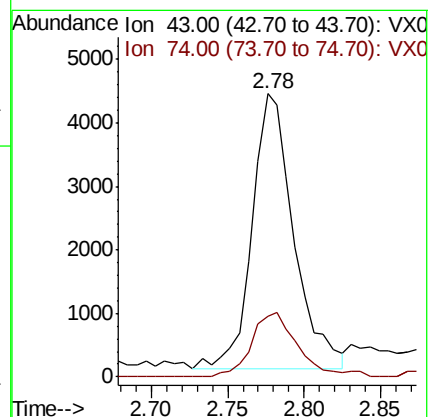
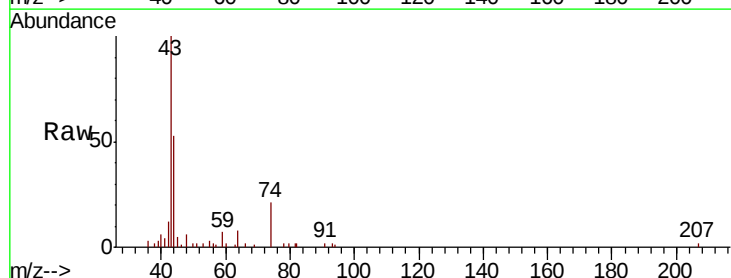
Acq: 20 Aug 2018 19:47

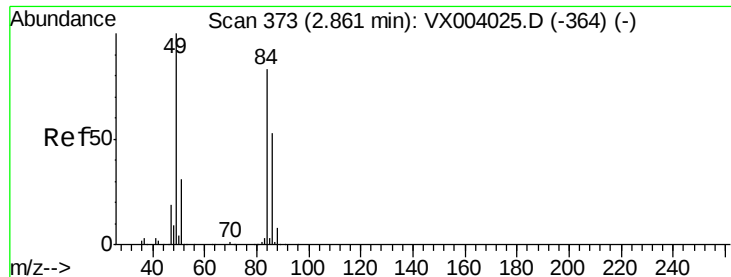
Tgt Ion: 43 Resp: 8169

Ion Ratio Lower Upper

43 100

74 26.0 18.9 28.3





#20

Methylene Chloride

Concen: 4.23 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

OR-03-081718-A

Tot Ion: 84 Resp: 15546

Ion	Ratio	Lower	Upper
84	100		
49	117.1	98.9	148.3
51	35.7	29.9	44.9
86	63.0	51.0	76.6

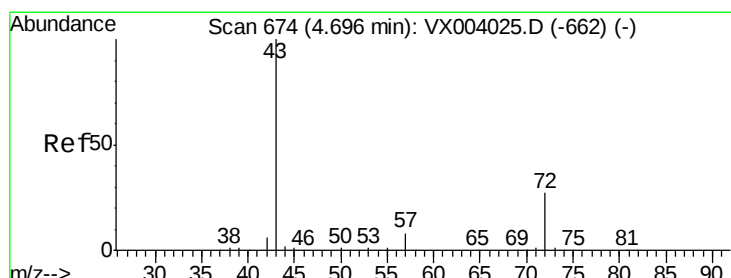
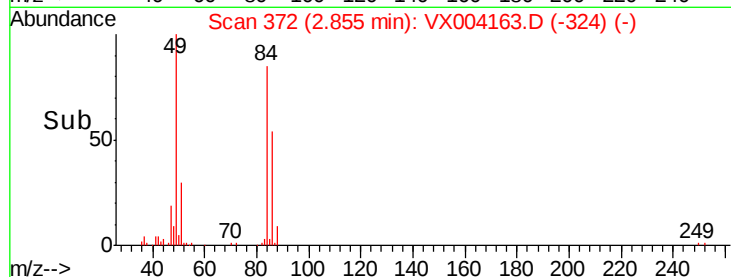
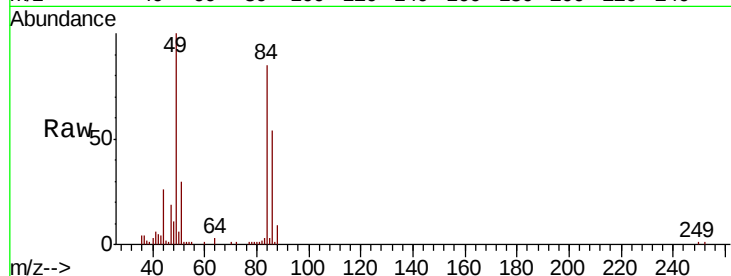
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 1.66 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

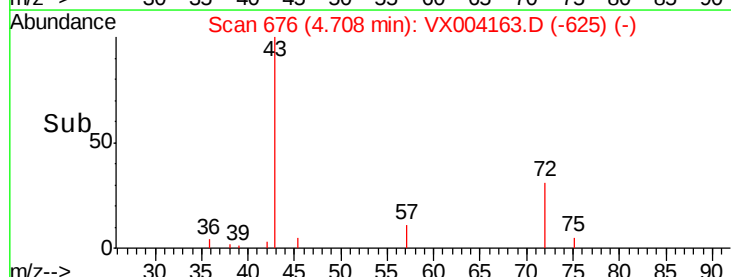
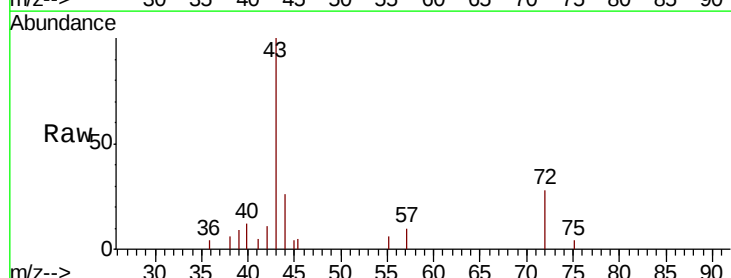
Tgt Ion: 43 Resp: 5385

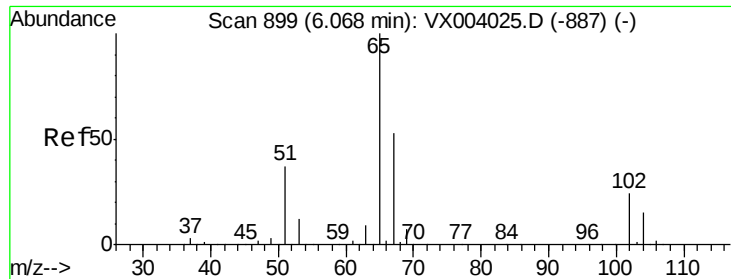
Ion	Ratio	Lower	Upper
43	100		
72	28.5	21.4	32.0

Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

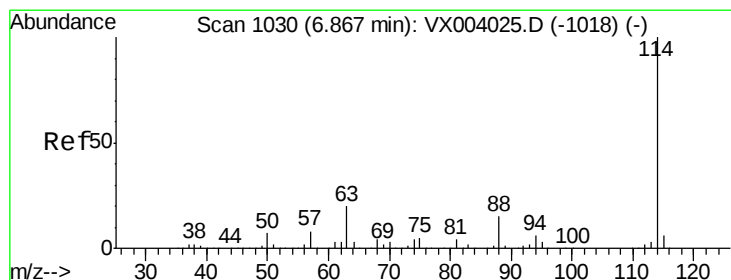
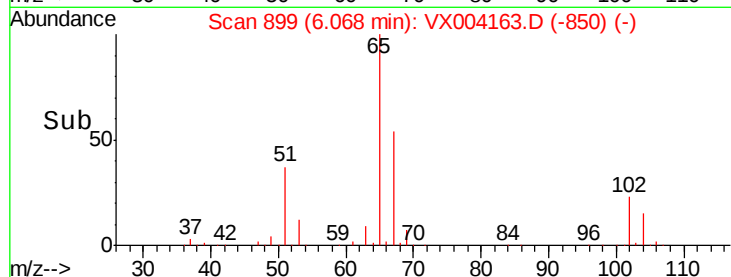
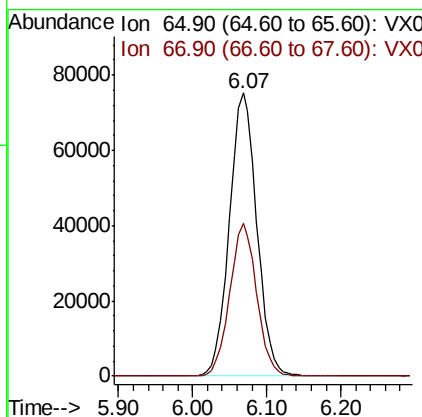
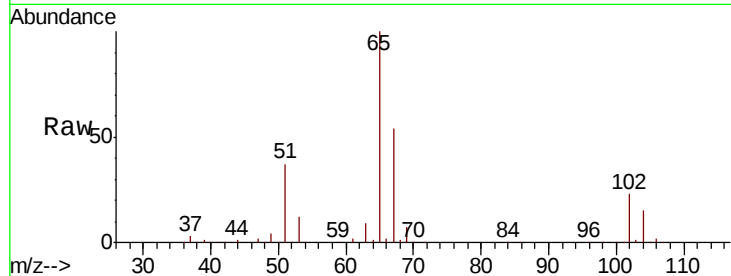




#33
 1,2-Dichloroethane-d4
 Concen: 50.84 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004163.D
 Acq: 20 Aug 2018 19:47

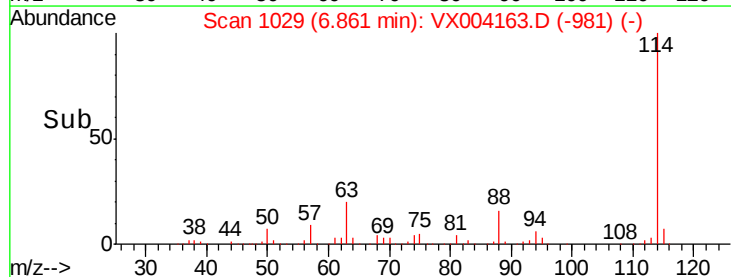
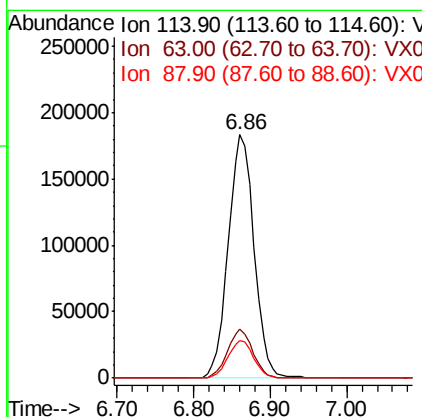
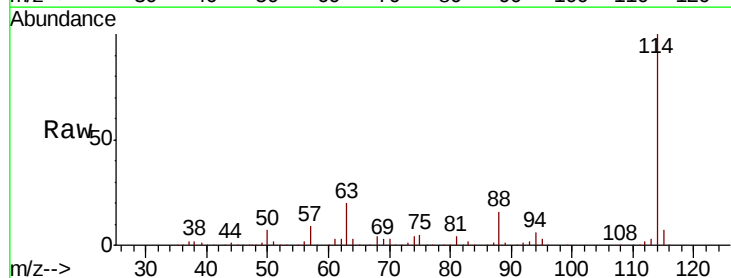
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-081718-A

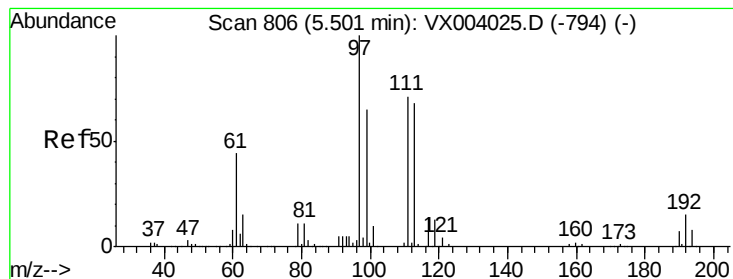
Tot Ion: 65 Resp: 194427
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004163.D
 Acq: 20 Aug 2018 19:47

Tgt Ion: 114 Resp: 428774
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.02 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

OR-03-081718-A

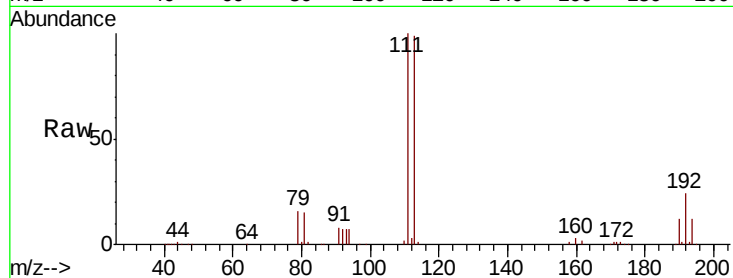
Tot Ion:113 Resp: 166941

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

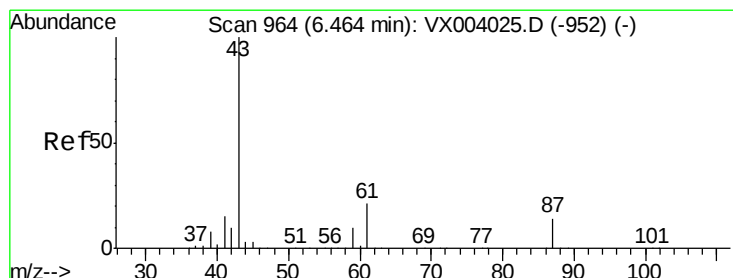
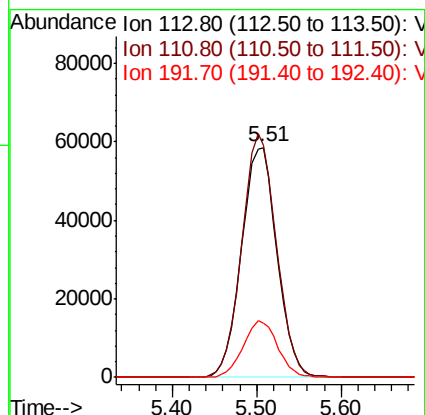
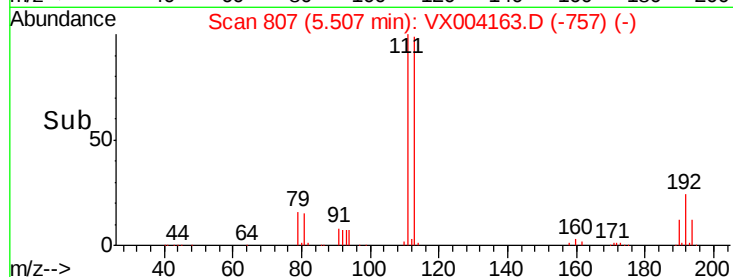
192 23.9 19.0 28.4



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



#43

Isopropyl Acetate

Concen: 16.82 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

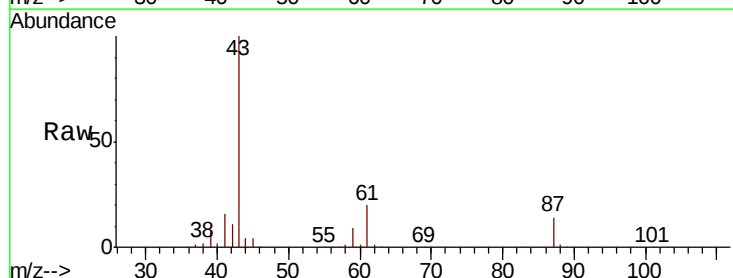
Tgt Ion: 43 Resp: 131742

Ion Ratio Lower Upper

43 100

61 20.3 16.9 25.3

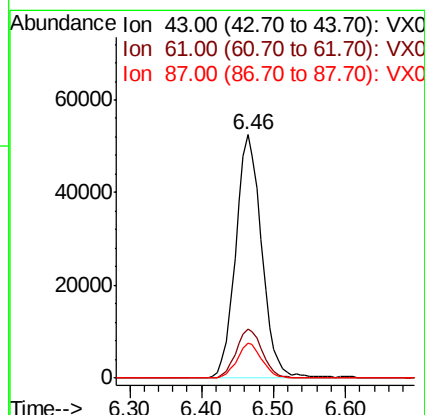
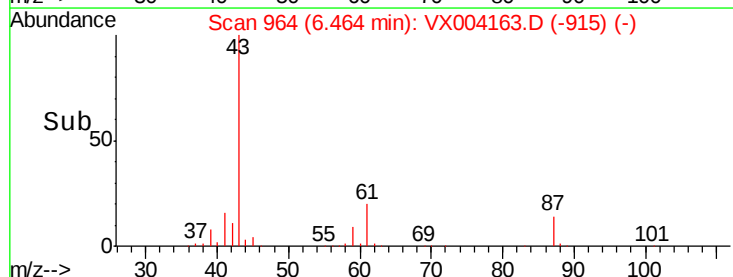
87 13.8 11.3 16.9

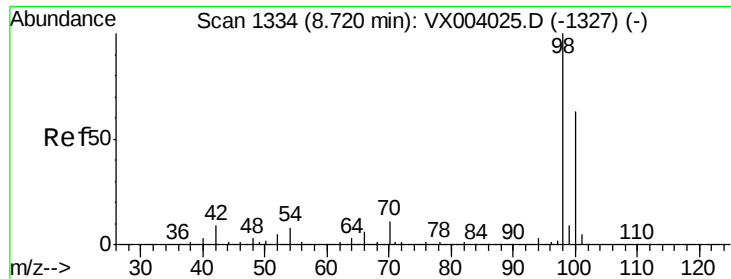


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 47.95 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

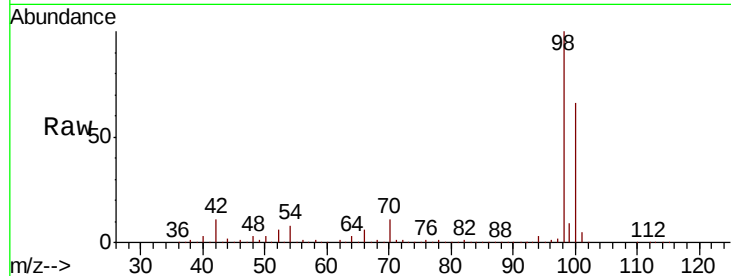
OR-03-081718-A

Tot Ion: 98 Resp: 623856

Ion Ratio Lower Upper

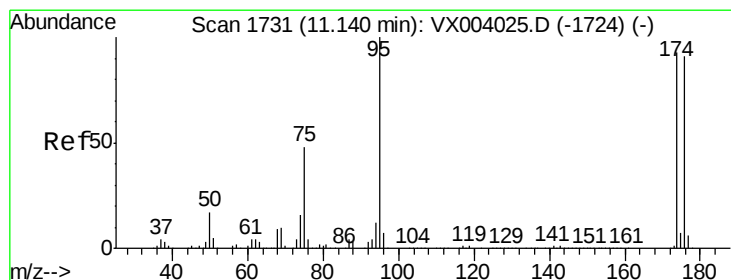
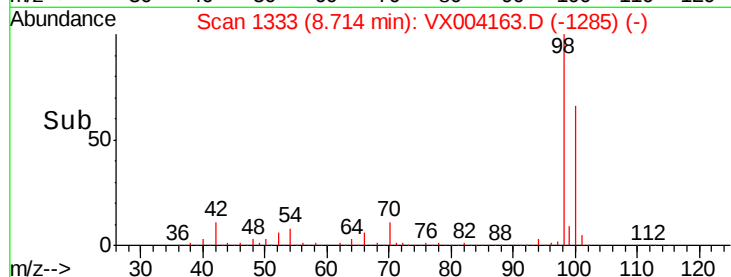
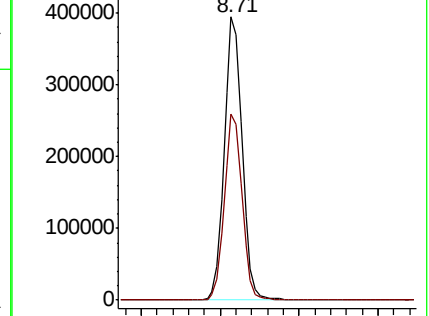
98 100

100 65.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

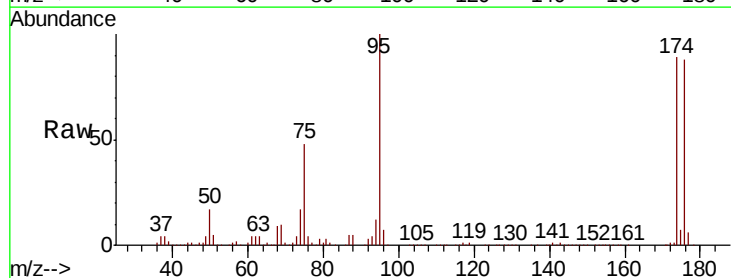
Tgt Ion: 95 Resp: 213372

Ion Ratio Lower Upper

95 100

174 90.7 0.0 182.8

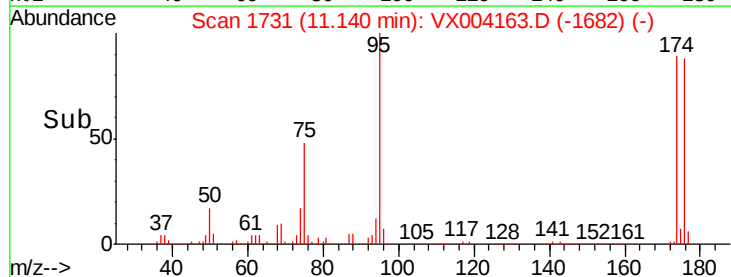
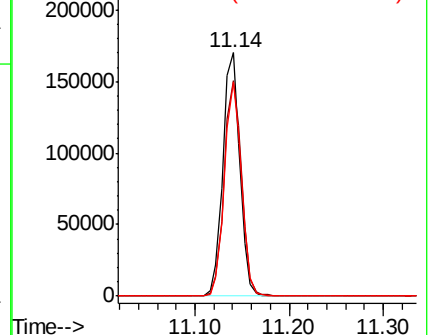
176 87.8 0.0 179.0

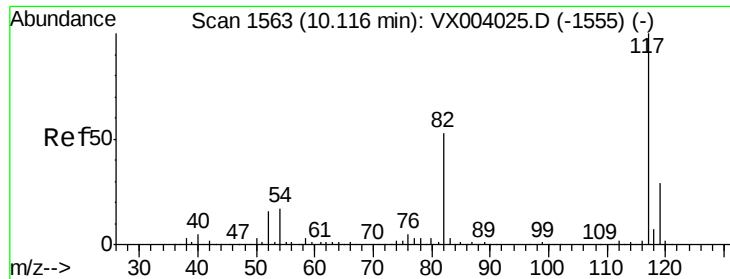


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

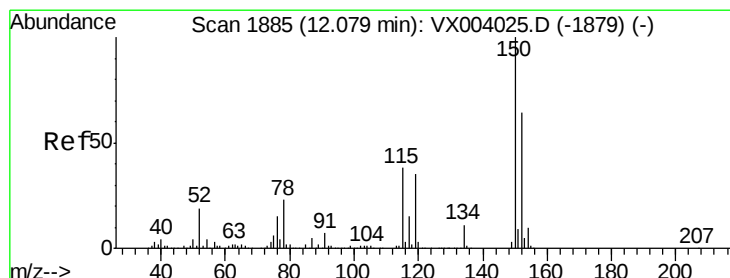
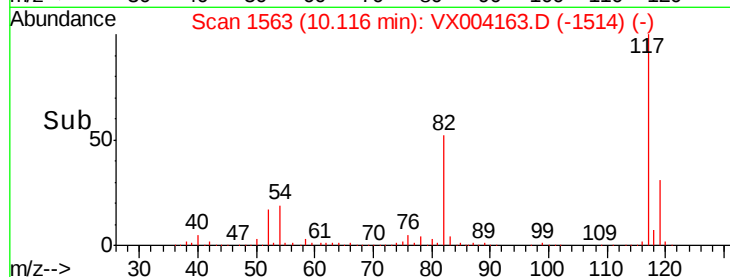
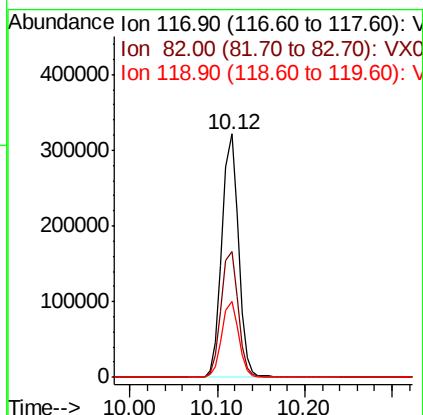
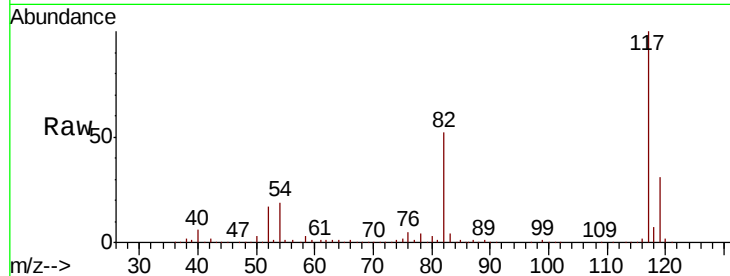




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

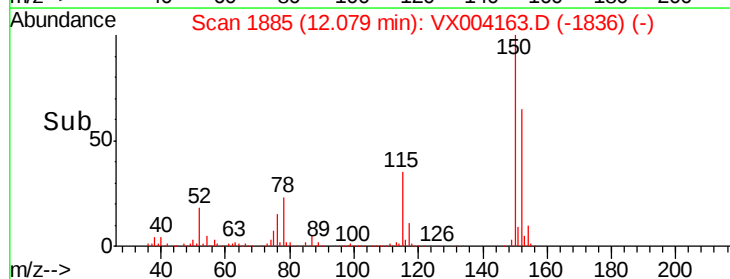
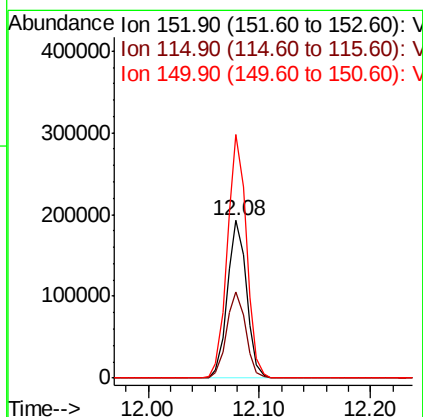
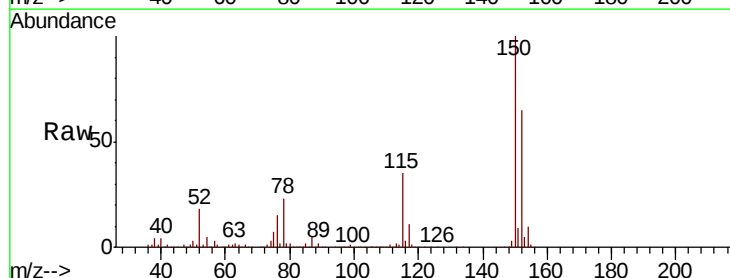
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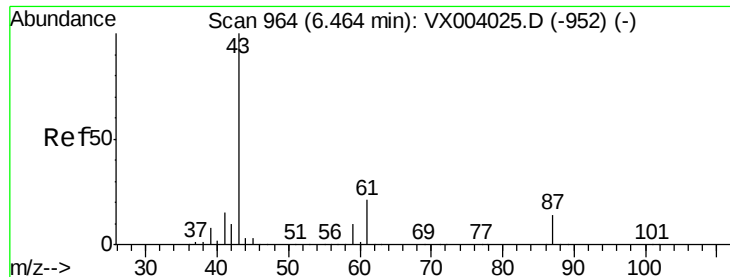
Tot Ion:117 Resp: 420727
Ion Ratio Lower Upper
117 100
82 51.7 45.4 68.0
119 31.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

Tgt Ion:152 Resp: 228822
Ion Ratio Lower Upper
152 100
115 54.8 39.1 117.3
150 154.5 0.0 349.2





#74

N-amvl acetate

Concen: 18.09 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

Instrument :

MSVOA_X

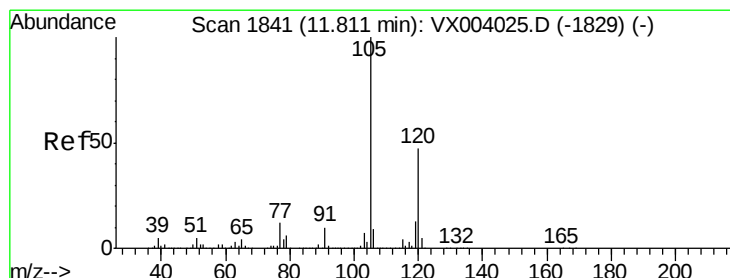
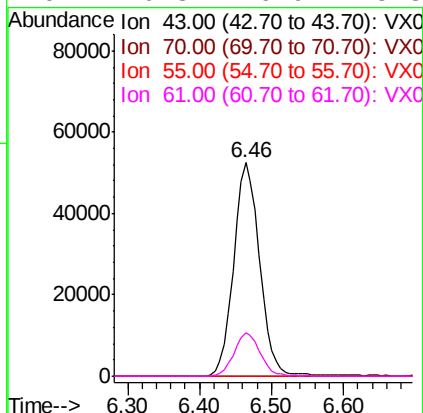
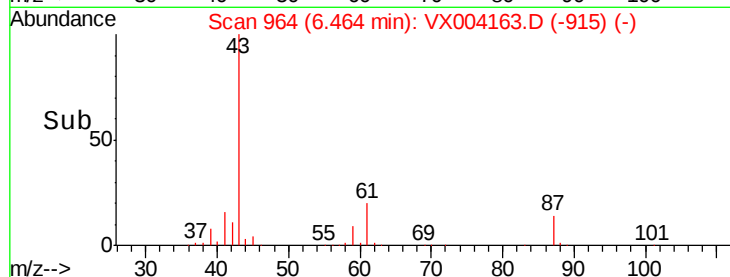
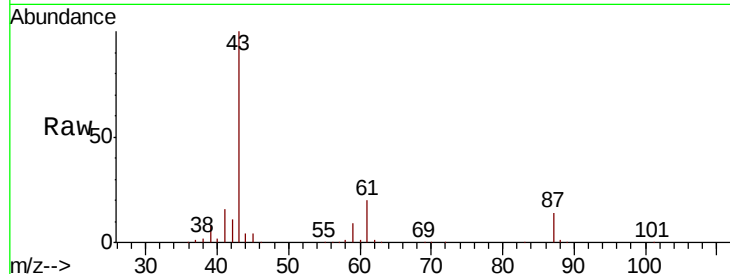
ClientSampleId :

OR-03-081718-A

Tot Ion: 43 Resp: 131742

Ion Ratio Lower Upper

43	100		
70	0.1	0.0	0.0#
55	0.1	0.1	0.1
61	20.3	16.9	25.3



#84

1,2,4-Trimethylbenzene

Concen: 1.39 ug/l

RT: 11.80 min Scan# 1840

Delta R.T. -0.01 min

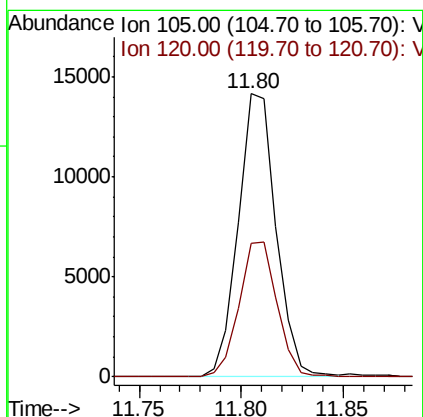
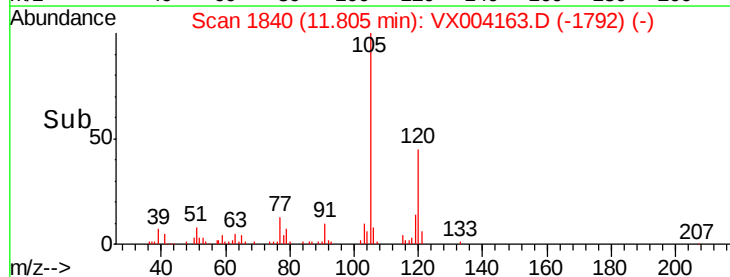
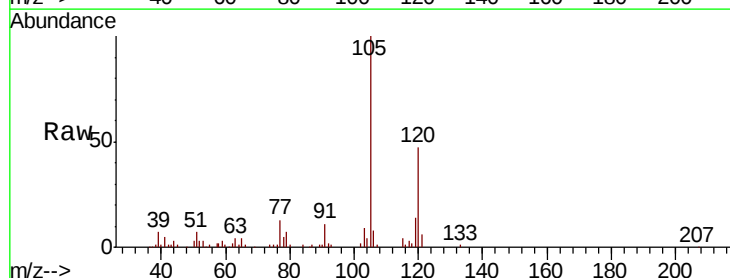
Lab File: VX004163.D

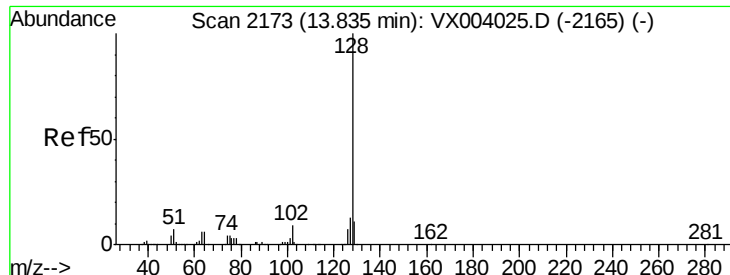
Acq: 20 Aug 2018 19:47

Tgt Ion: 105 Resp: 18215

Ion Ratio Lower Upper

105	100		
120	47.7	23.1	69.2

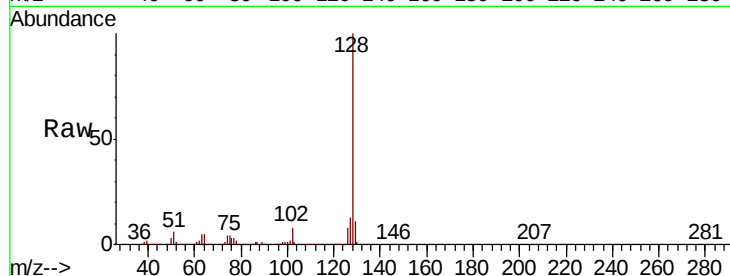




#95
Naphthalene
Concen: 21.45 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
OR-03-081718-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.7	8.8	13.2



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

