

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004163.D
 Acq On : 20 Aug 2018 19:47
 Operator : JC/MD
 Sample : J4272-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Aug 21 01:07:23 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			Recovery	=	101.68%	
35) Dibromofluoromethane	5.51	113	166941	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
50) Toluene-d8	8.71	98	623856	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.14	95	213372	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2091	0.64	ug/l	96
5) Bromomethane	1.65	94	1074	0.43	ug/l	# 77
6) Chloroethane	1.73	64	373	Below Cal	#	61
10) Methyl Iodide	2.52	142	493	5.15	ug/l	# 92
11) Tert butyl alcohol	3.07	59	4483	5.82	ug/l	96
13) Acrolein	2.29	56	195	11.31	ug/l	# 15
15) Acrylonitrile	3.15	53	393	0.20	ug/l	# 69
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
29) Tetrahydrofuran	5.18	42	1189	0.72	ug/l	# 39
30) Chloroform	5.21	83	1284	0.22	ug/l	92
36) 1,1-Dichloropropene	5.66	75	17697	3.63	ug/l	# 48
37) Ethyl Acetate	4.71	43	5385	1.01	ug/l	# 67
38) Carbon Tetrachloride	5.67	117	23580	4.97	ug/l	# 16
39) Methylcyclohexane	7.46	83	1500	0.27	ug/l	91
40) Benzene	6.14	78	3325	0.23	ug/l	97
43) Isopropyl Acetate	6.46	43	131742	16.82	ug/l	99
44) Trichloroethene	7.21	130	974	0.24	ug/l	67
48) Methyl methacrylate	7.69	41	7825	1.98	ug/l	# 20
51) 4-Methyl-2-Pentanone	8.62	43	2770	0.43	ug/l	# 34
52) Toluene	8.79	92	2277	0.25	ug/l	97
54) cis-1,3-Dichloropropene	8.62	75	1348	0.24	ug/l	# 76
67) Ethyl Benzene	10.26	91	6172	0.36	ug/l	97
68) m/p-Xylenes	10.36	106	6132	0.91	ug/l	96
69) o-Xylene	10.70	106	2602	0.40	ug/l	97
74) N-amyl acetate	6.46	43	131742	18.09	ug/l	# 98
76) 1,2,3-Trichloropropane	11.14	75	103338	22.52	ug/l	# 36
78) n-propylbenzene	11.36	91	4176	0.24	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	7257	0.57	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	103338	69.71	ug/l	# 10
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

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Response via : Initial Calibration

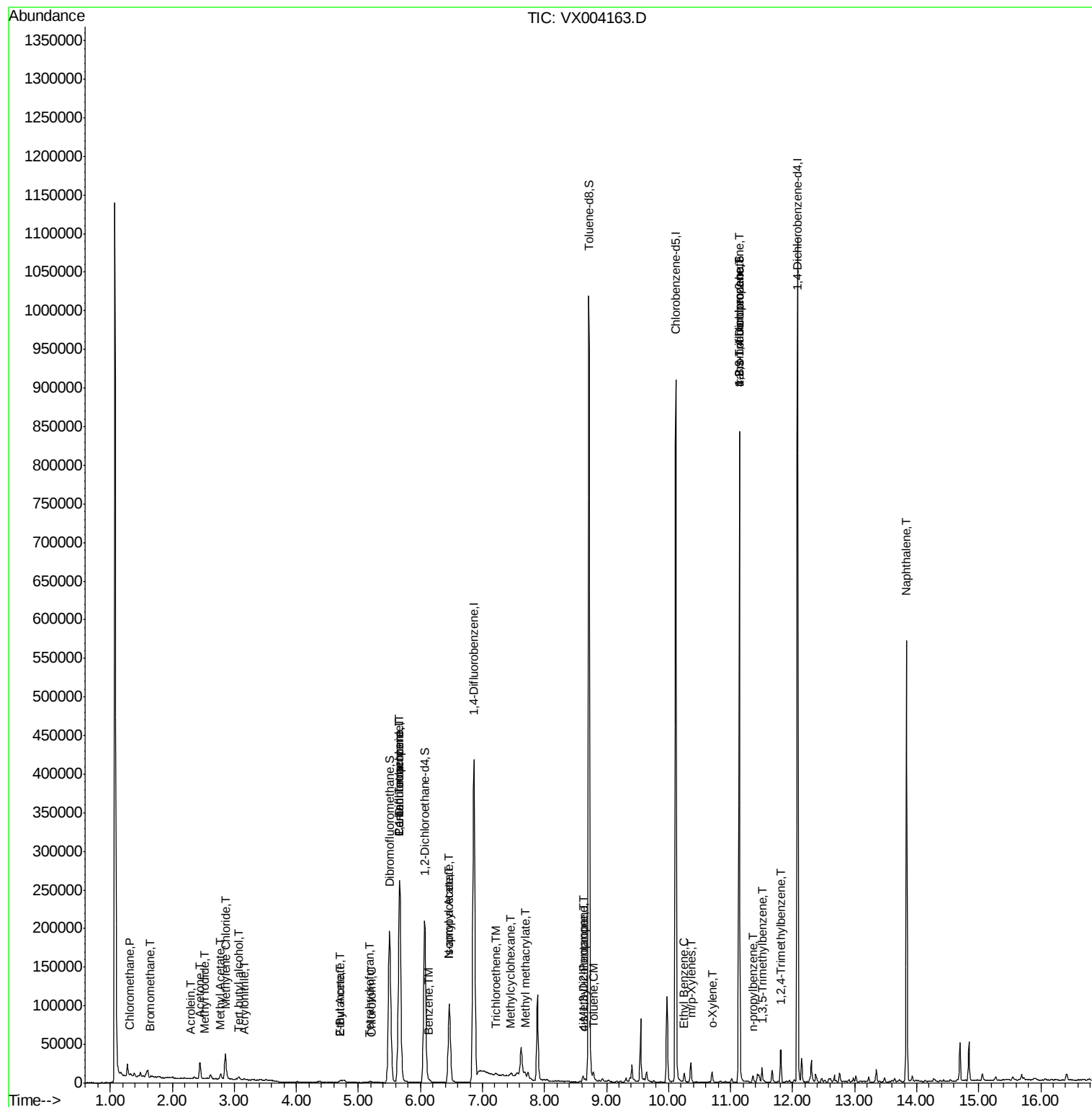
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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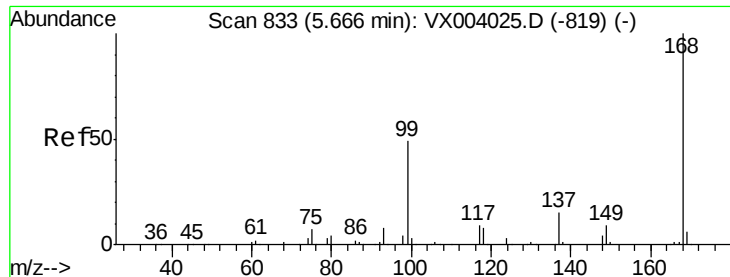
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

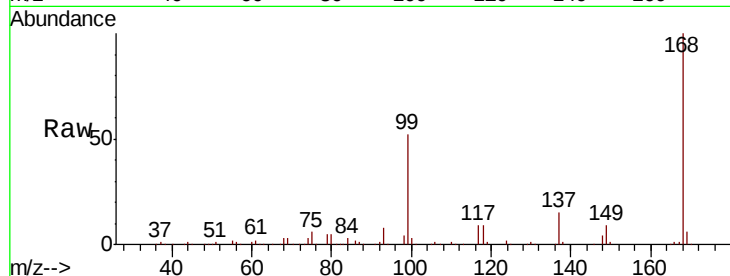
OR-03-081718-A

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): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

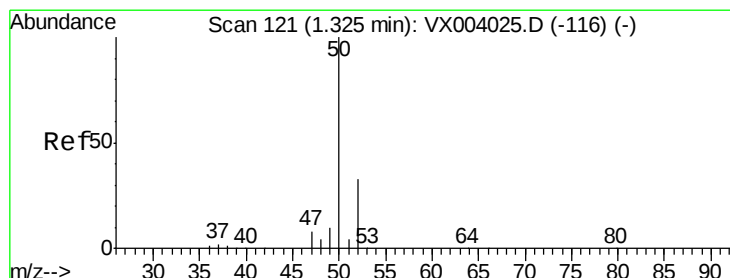
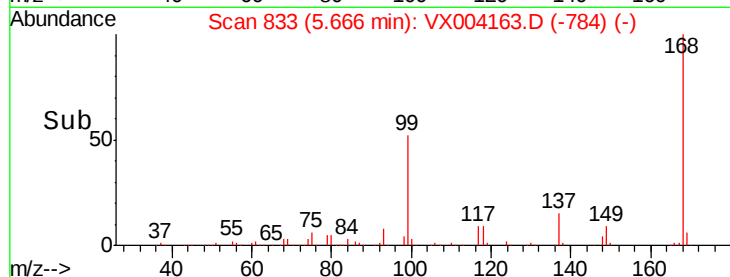
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.64 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004163.D

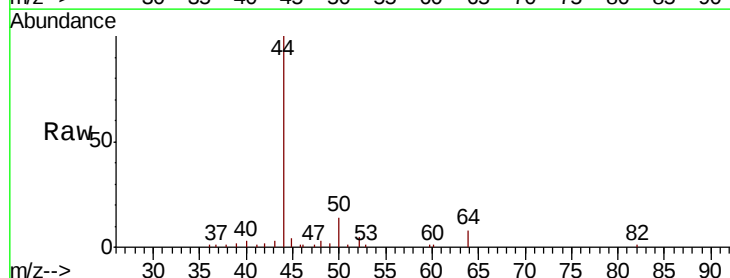
Acq: 20 Aug 2018 19:47

Tgt Ion: 50 Resp: 2091

Ion Ratio Lower Upper

50 100

52 35.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1200

1000

800

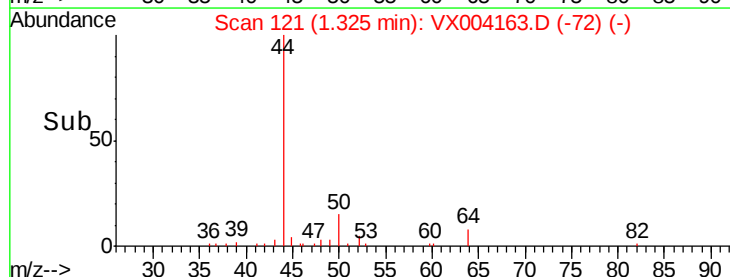
600

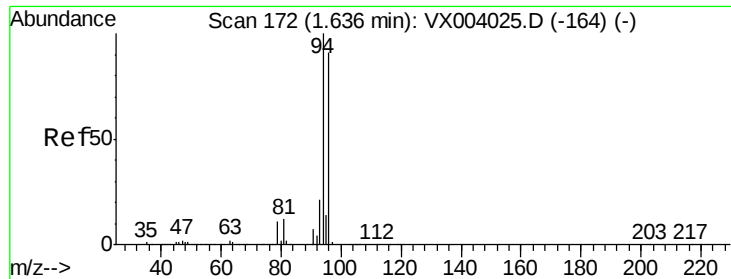
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.43 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

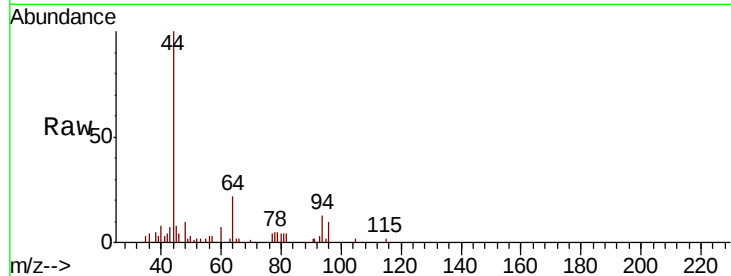
OR-03-081718-A

Tot Ion: 94 Resp: 1074

Ion Ratio Lower Upper

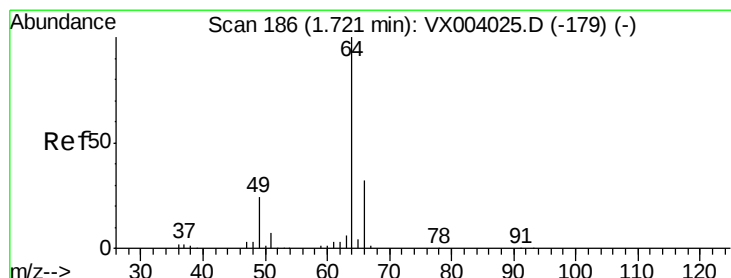
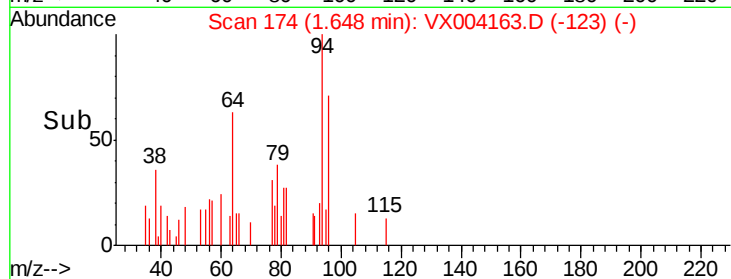
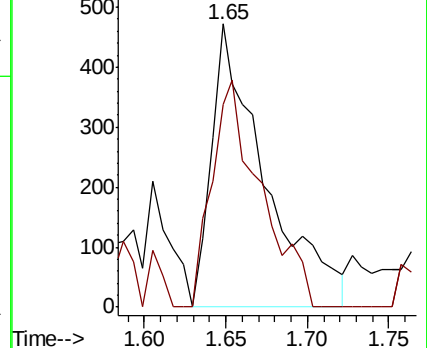
94 100

96 71.4 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004163.D

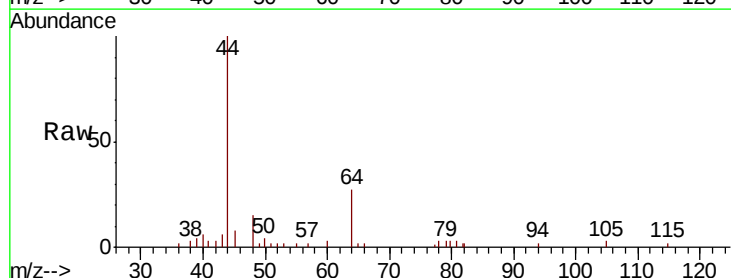
Acq: 20 Aug 2018 19:47

Tgt Ion: 64 Resp: 373

Ion Ratio Lower Upper

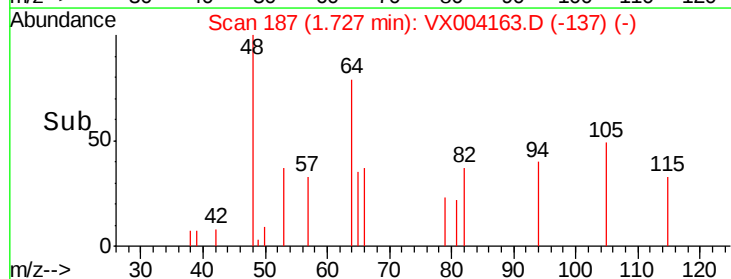
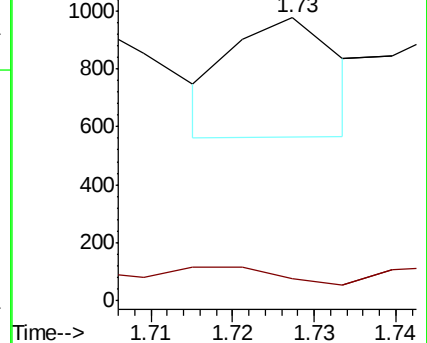
64 100

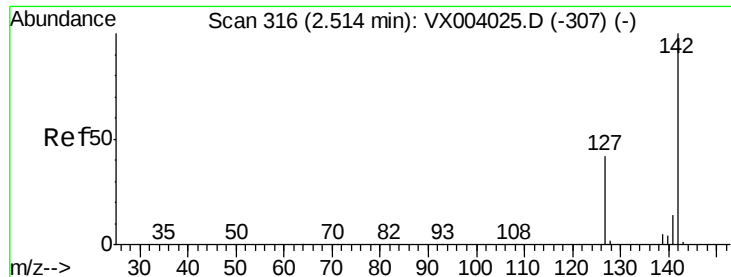
66 10.9 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

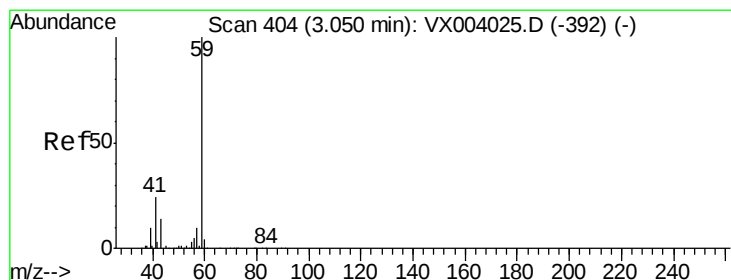
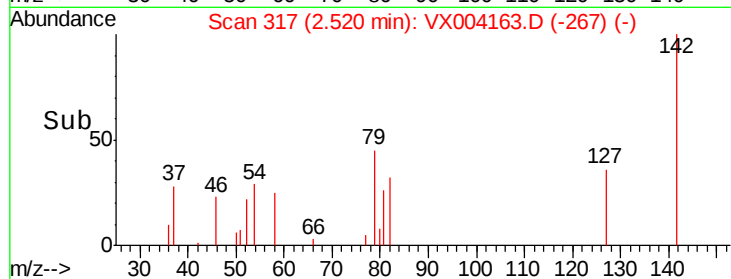
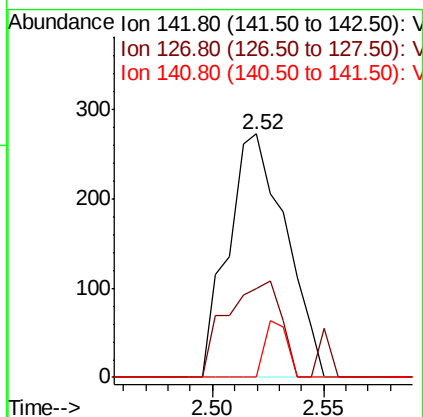
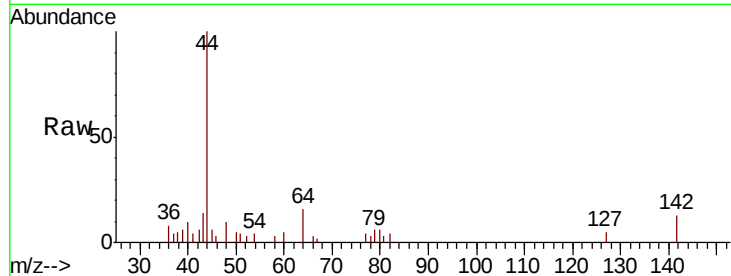




#10
Methvl Iodide
Concen: 5.15 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

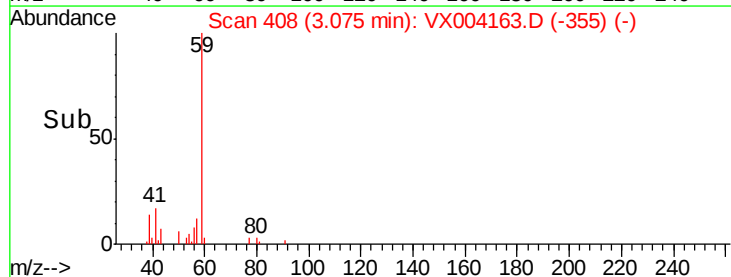
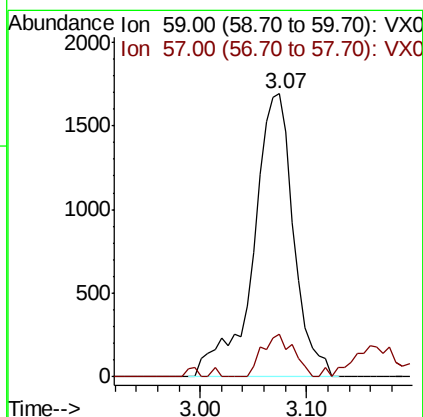
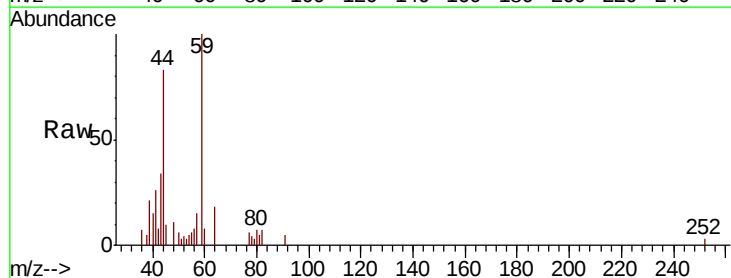
Instrument :
MSVOA_X
ClientSampleId :
OR-03-081718-A

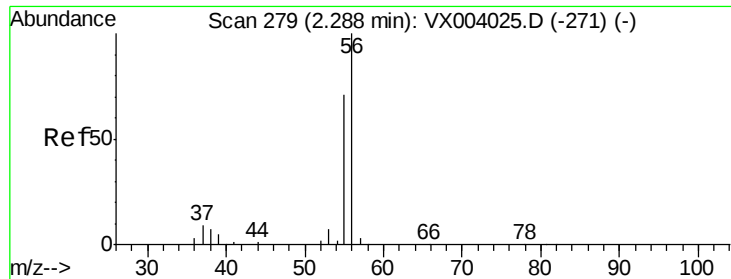
Tot Ion:142 Resp: 493
Ion Ratio Lower Upper
142 100
127 37.3 33.1 49.7
141 8.9 11.1 16.7#



#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

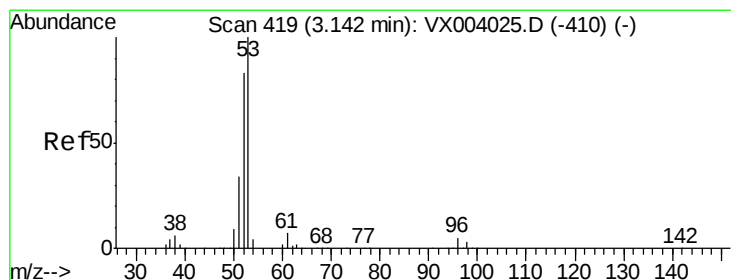
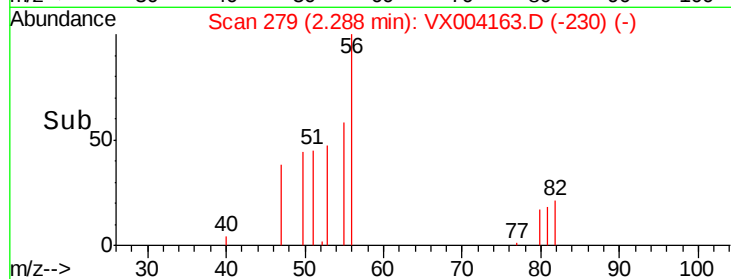
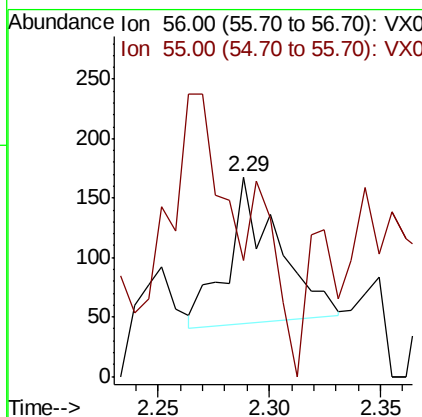
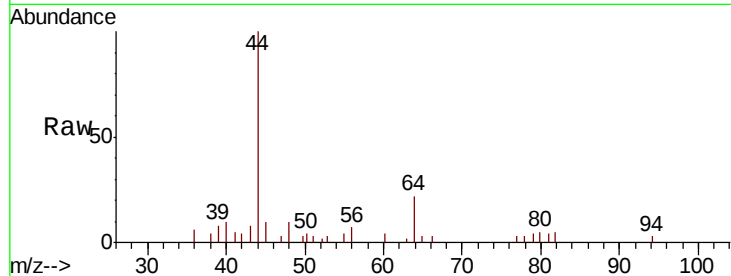




#13
 Acrolein
 Concen: 11.31 ug/l
 RT: 2.29 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004163.D
 Acq: 20 Aug 2018 19:47

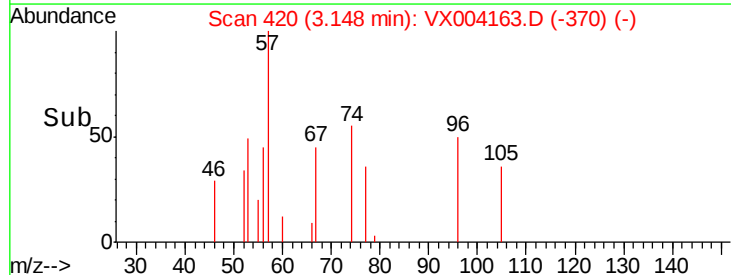
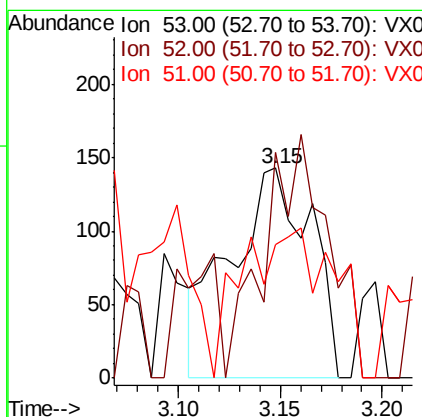
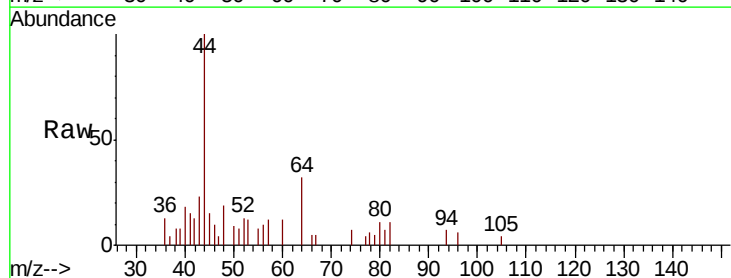
Instrument :
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 ClientSampleId :
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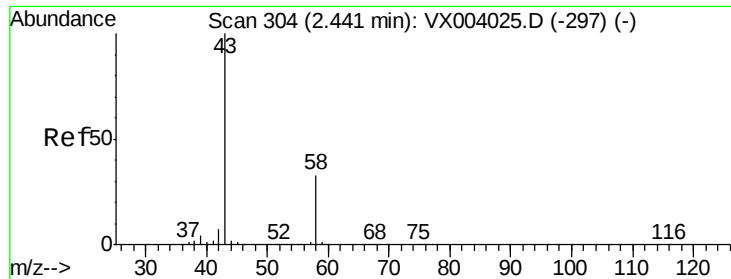
Tot Ion: 56 Resp: 195
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.1 84.1#



#15
 Acrylonitrile
 Concen: 0.20 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. 0.01 min
 Lab File: VX004163.D
 Acq: 20 Aug 2018 19:47

Tgt Ion: 53 Resp: 393
 Ion Ratio Lower Upper
 53 100
 52 91.1 65.3 97.9
 51 80.9 27.9 41.9#





#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 :

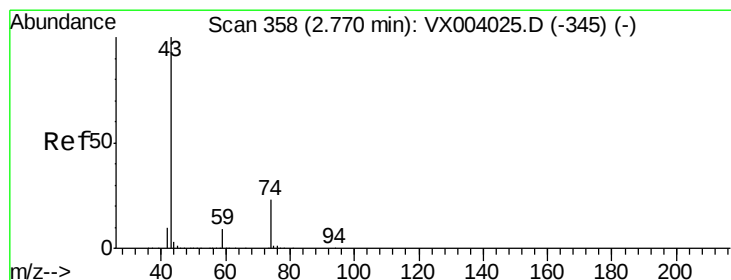
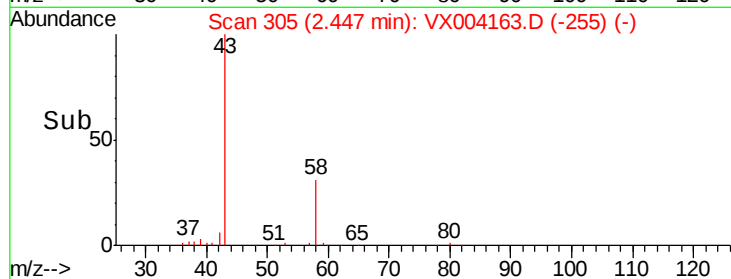
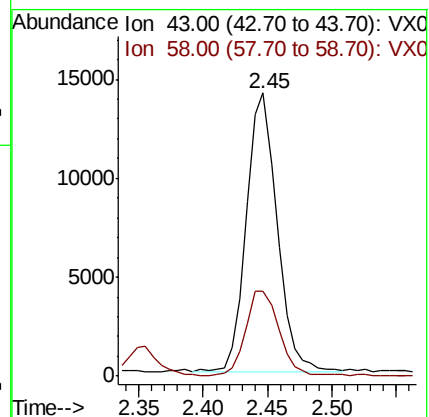
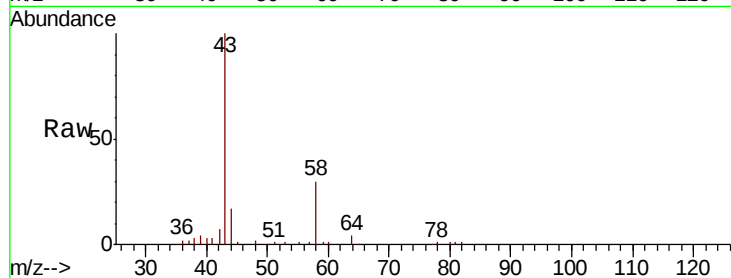
OR-03-081718-A

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

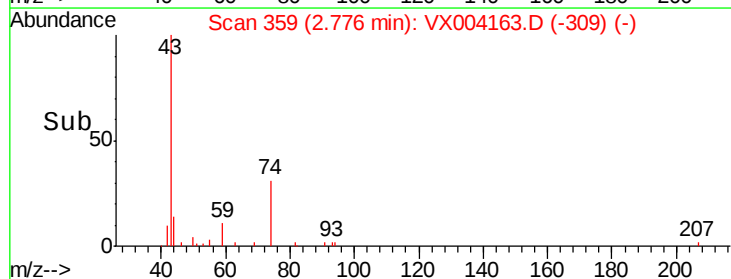
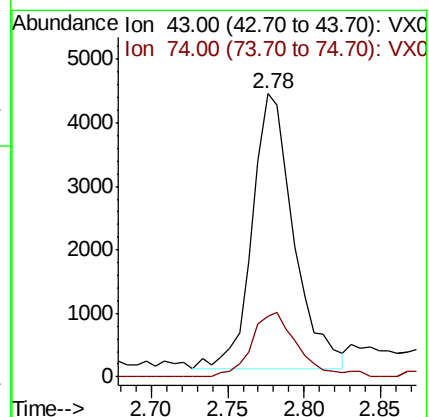
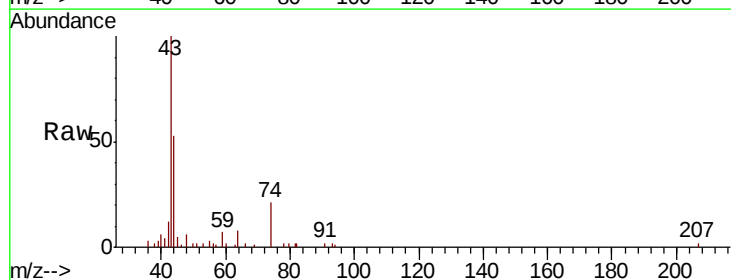
Acq: 20 Aug 2018 19:47

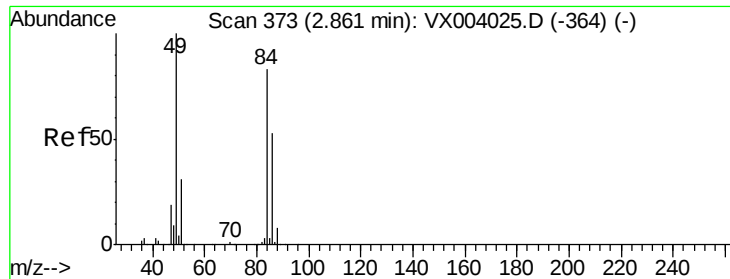
Tgt Ion: 43 Resp: 8169

Ion Ratio Lower Upper

43 100

74 26.0 18.9 28.3

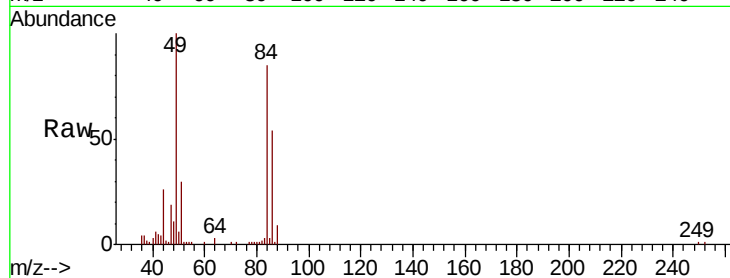




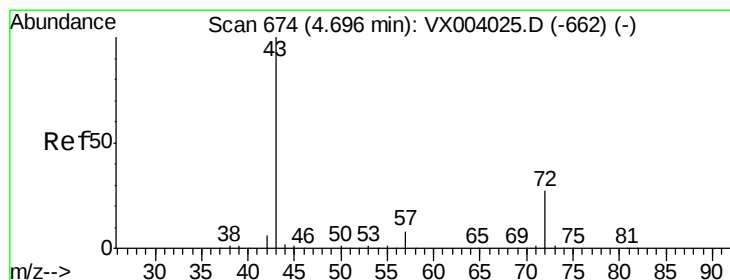
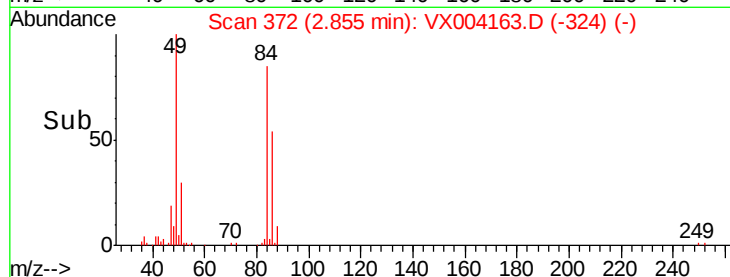
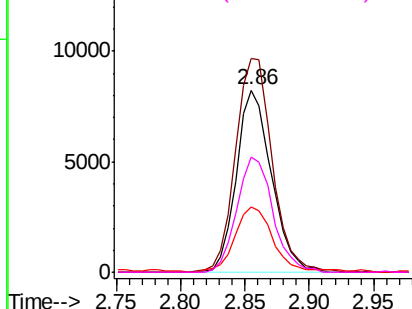
#20
Methvlene Chloride
Concen: 4.23 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

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

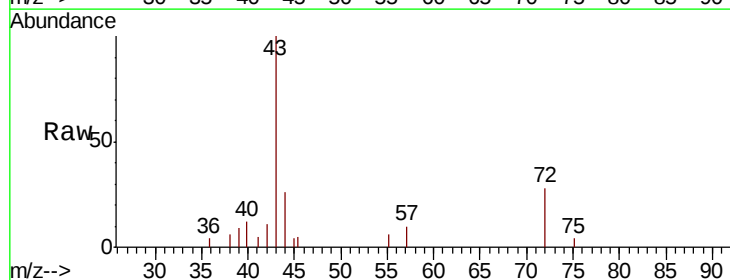


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

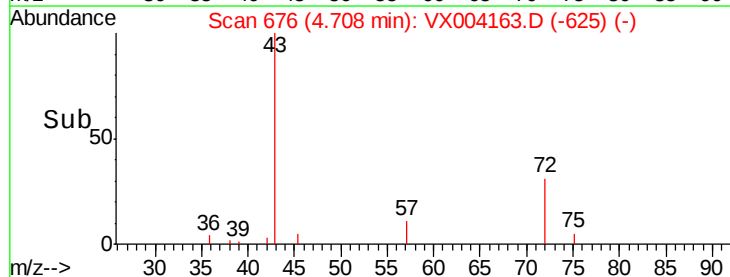
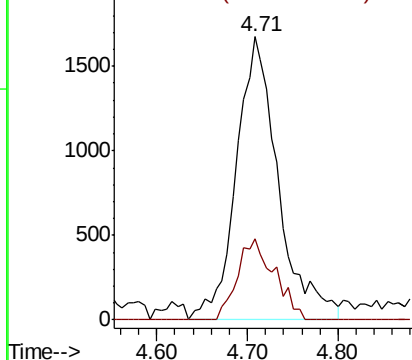


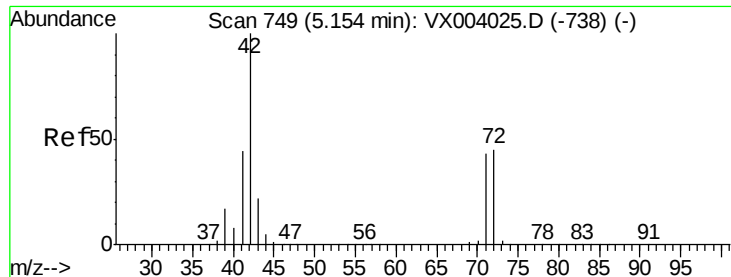
#25
2-Butanone
Concen: 1.66 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

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





#29

Tetrahydrofuran

Concen: 0.72 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.02 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

Instrument :

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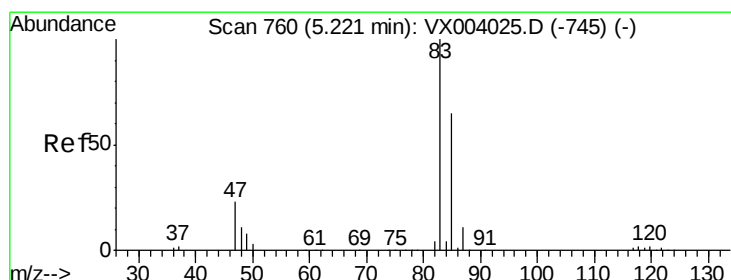
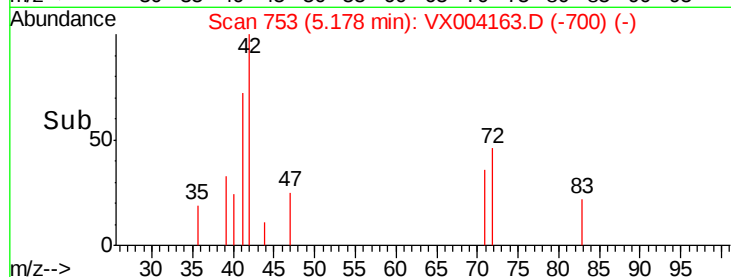
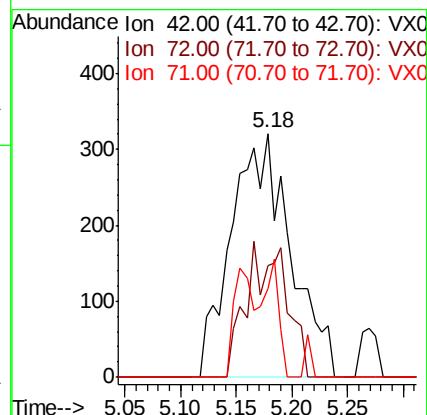
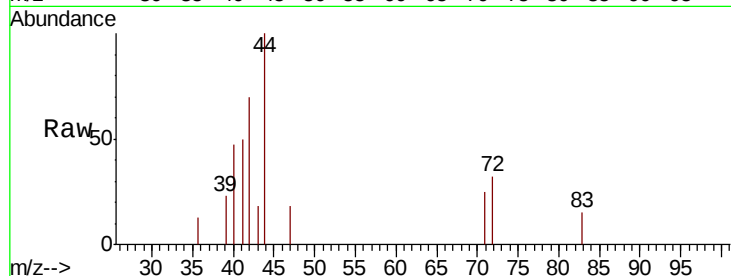
Tot Ion: 42 Resp: 1189

Ion Ratio Lower Upper

42 100

72 0.0 37.7 56.5#

71 10.3 35.0 52.6#



#30

Chloroform

Concen: 0.22 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004163.D

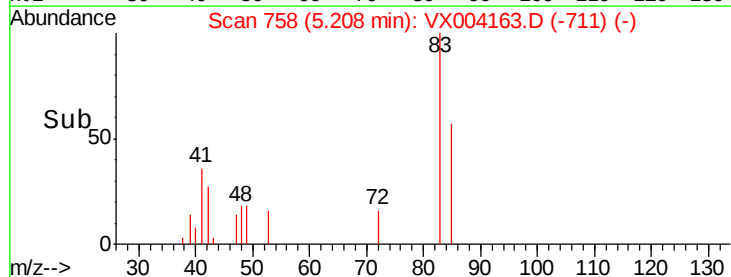
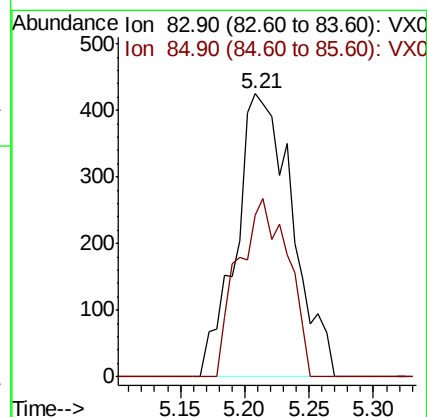
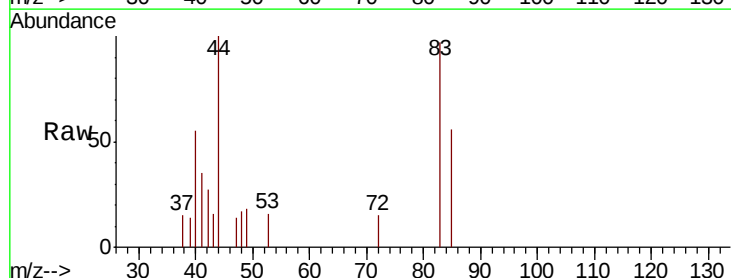
Acq: 20 Aug 2018 19:47

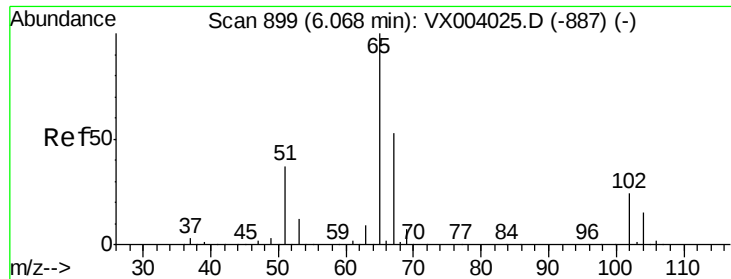
Tgt Ion: 83 Resp: 1284

Ion Ratio Lower Upper

83 100

85 57.2 50.7 76.1

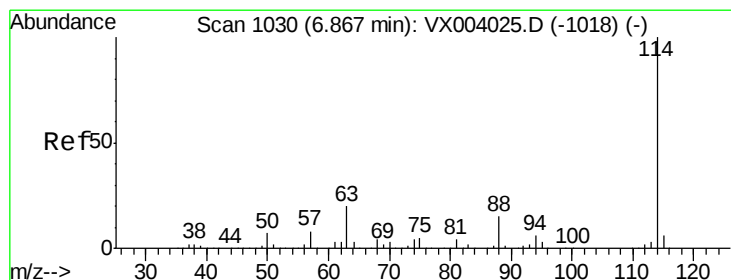
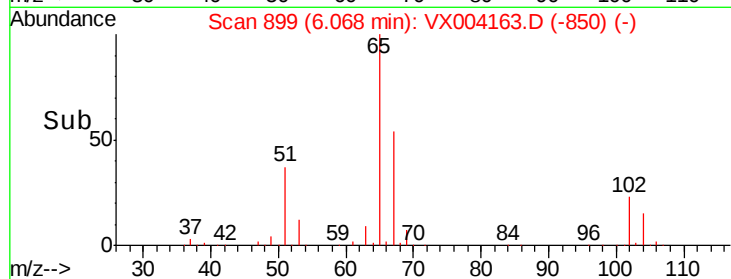
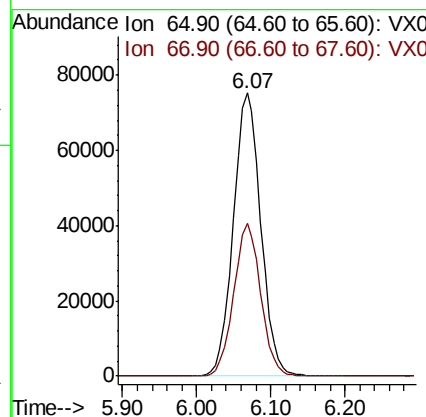
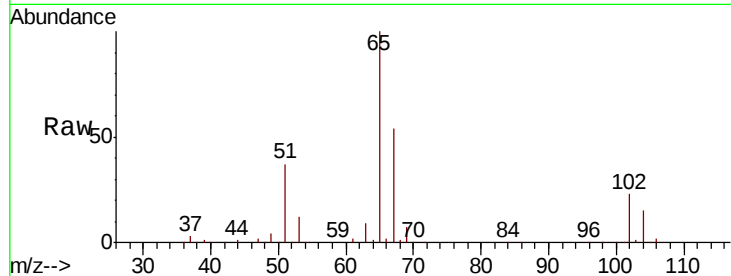




#33
 1,2-Dichloroethane-d4
 Concen: 50.84 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004163.D
 Acq: 20 Aug 2018 19:47

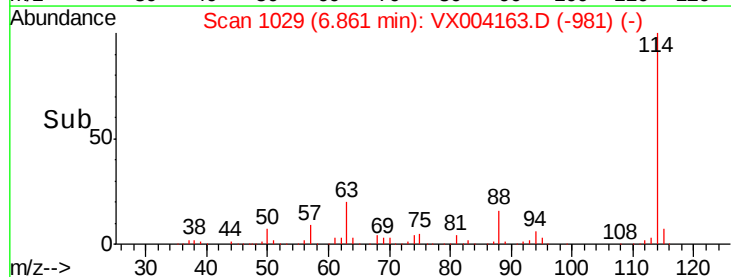
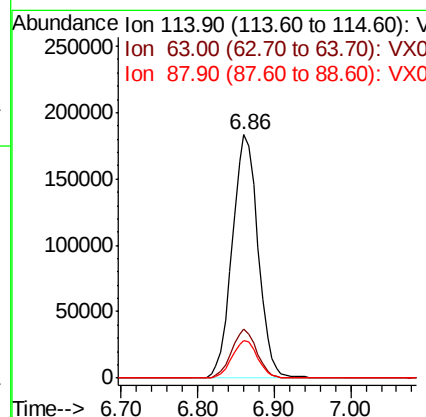
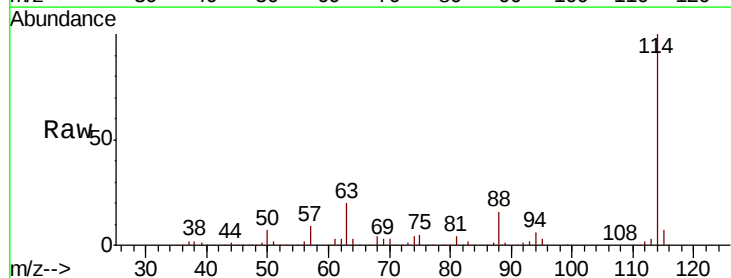
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-081718-A

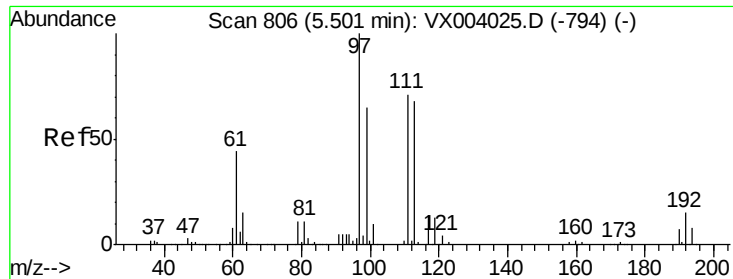
Tot Ion: 65 Resp: 194427
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.8



#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

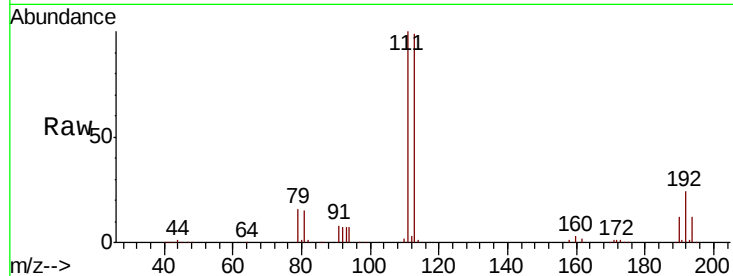
Tot Ion:113 Resp: 166941

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

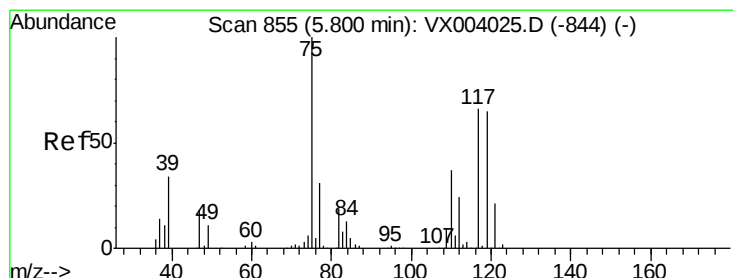
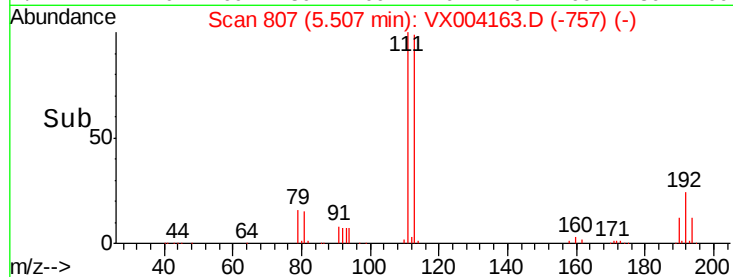
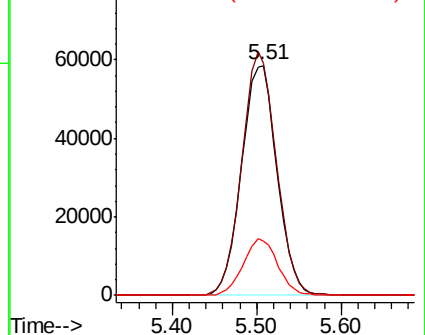
192 23.9 19.0 28.4



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



#36

1,1-Dichloropropene

Concen: 3.63 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

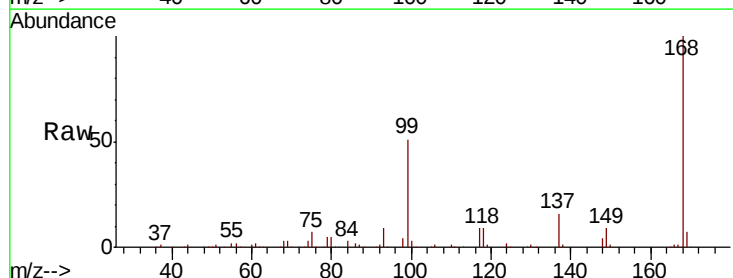
Tgt Ion: 75 Resp: 17697

Ion Ratio Lower Upper

75 100

110 8.4 18.2 54.6#

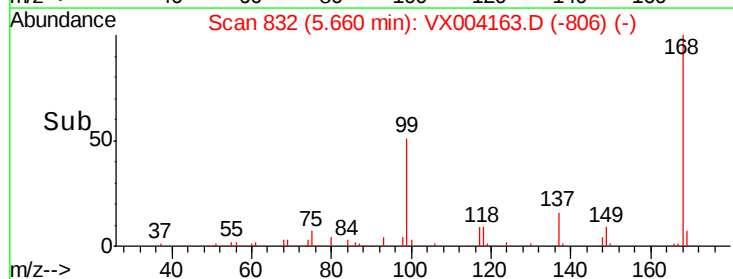
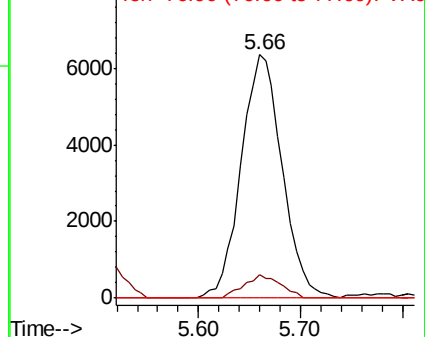
77 0.0 25.0 37.4#

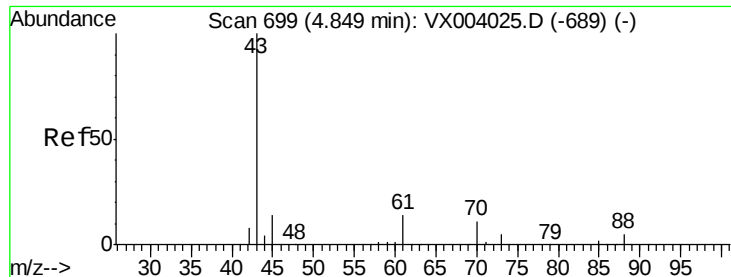


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.01 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.14 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

OR-03-081718-A

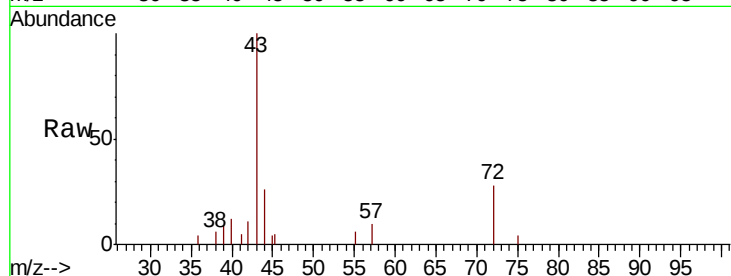
Tot Ion: 43 Resp: 5385

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

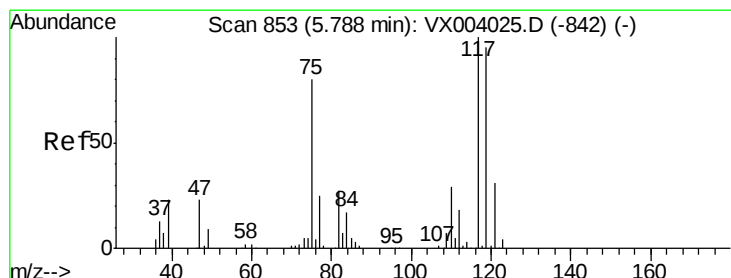
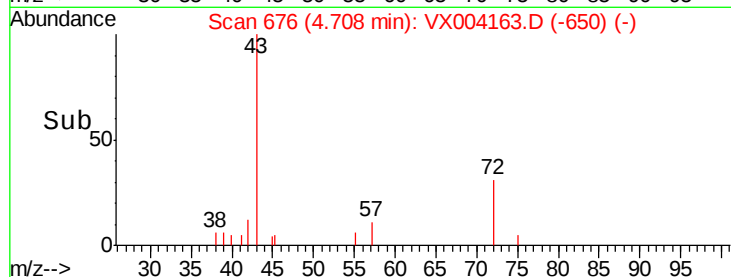
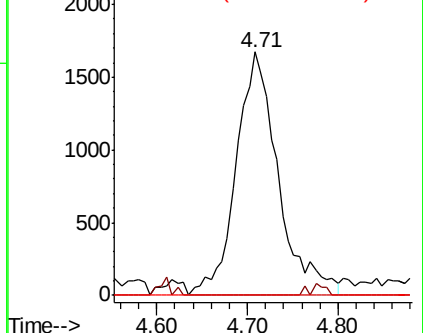
70 0.0 9.0 13.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 4.97 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

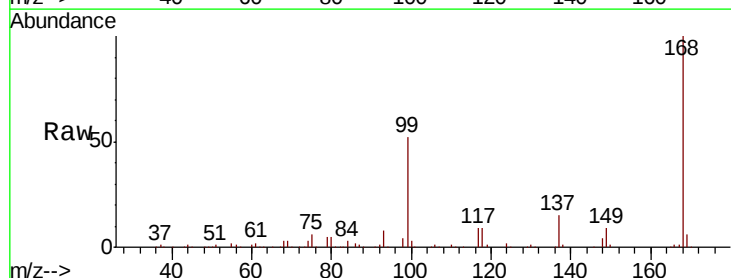
Tgt Ion: 117 Resp: 23580

Ion Ratio Lower Upper

117 100

119 7.7 79.5 119.3#

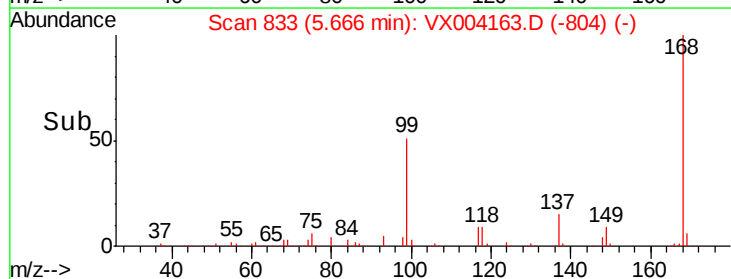
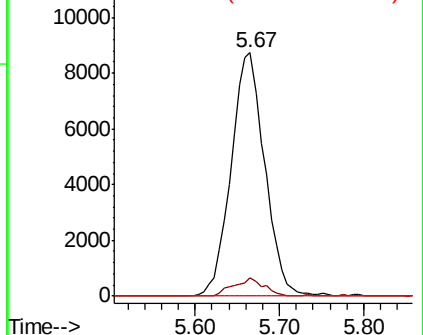
121 0.0 25.0 37.4#

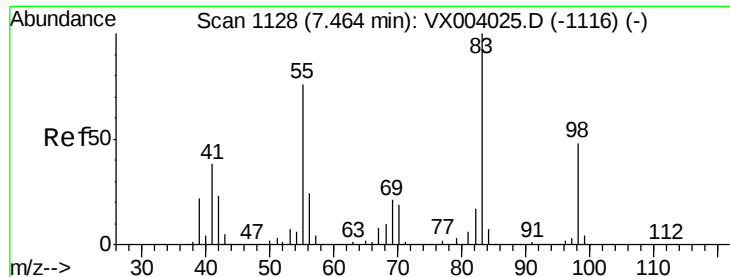


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

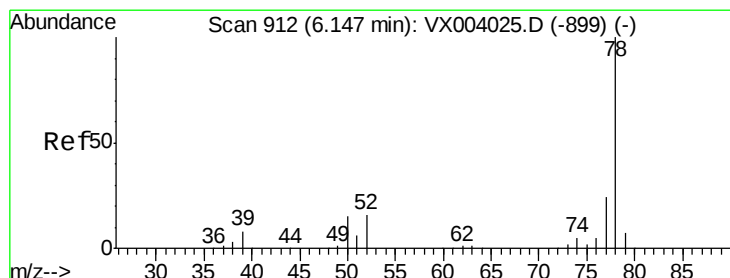
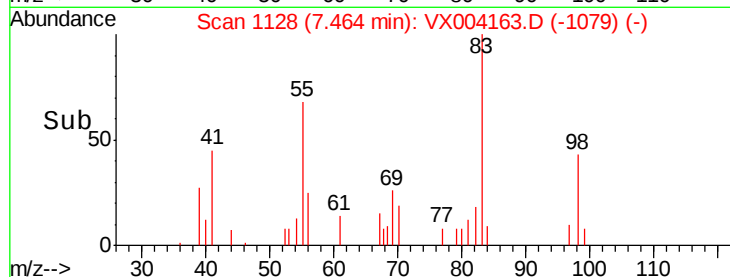
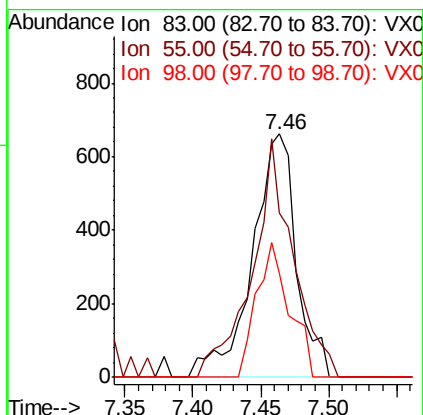
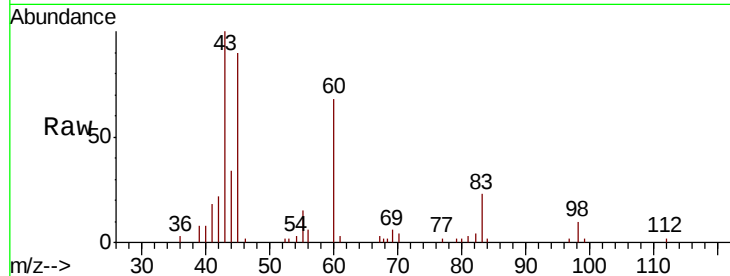




#39
Methvlcvclohexane
Concen: 0.27 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

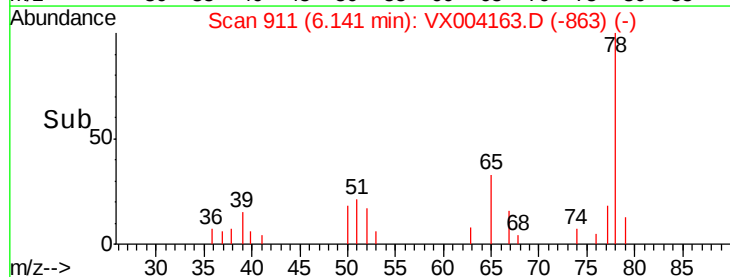
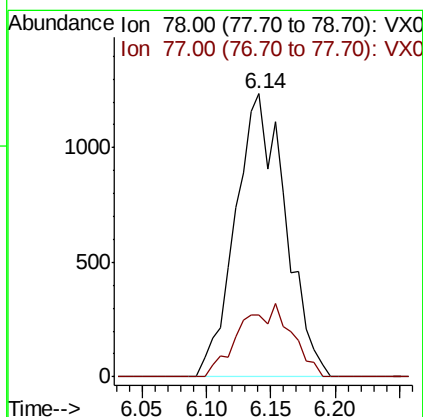
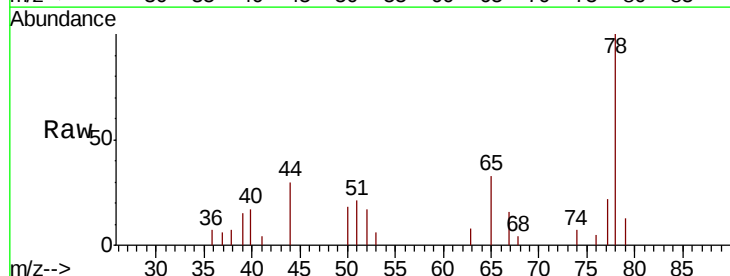
Instrument :
MSVOA_X
ClientSampleId :
OR-03-081718-A

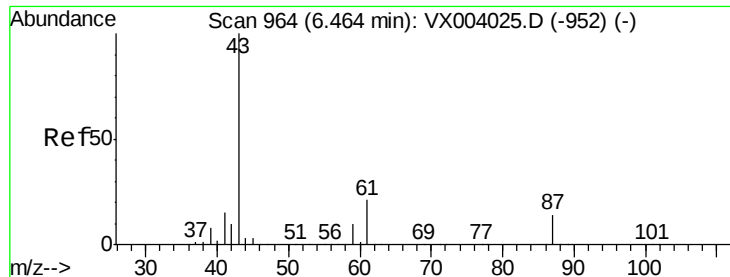
Tot Ion: 83 Resp: 1500
Ion Ratio Lower Upper
83 100
55 67.5 61.0 91.6
98 42.6 38.6 57.8



#40
Benzene
Concen: 0.23 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

Tgt Ion: 78 Resp: 3325
Ion Ratio Lower Upper
78 100
77 22.0 19.0 28.4





#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

Instrument :

MSVOA_X

ClientSampleId :

OR-03-081718-A

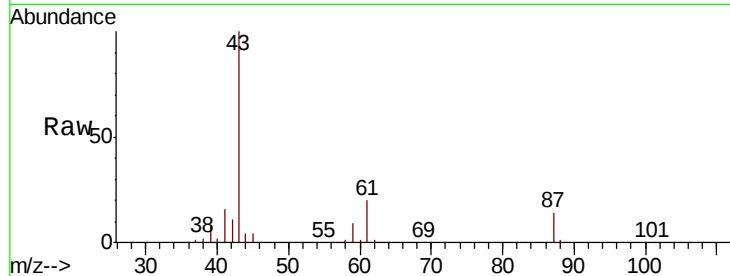
Tot Ion: 43 Resp: 131742

Ion Ratio Lower Upper

43 100

61 20.3 16.9 25.3

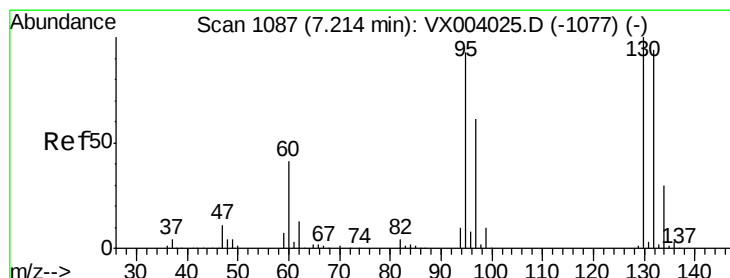
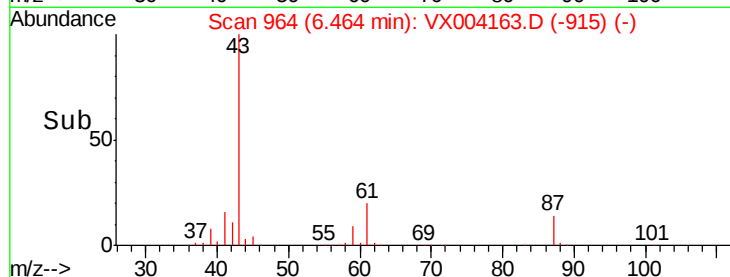
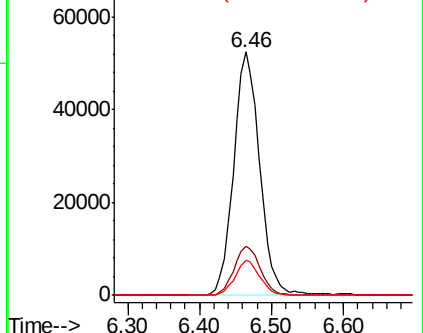
87 13.8 11.3 16.9



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



#44

Trichloroethene

Concen: 0.24 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004163.D

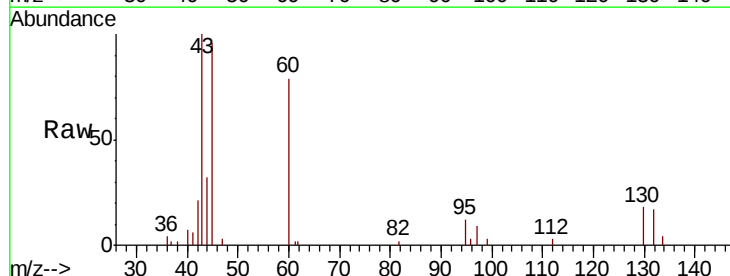
Acq: 20 Aug 2018 19:47

Tgt Ion:130 Resp: 974

Ion Ratio Lower Upper

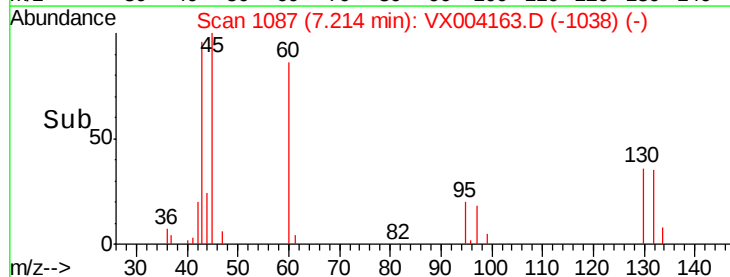
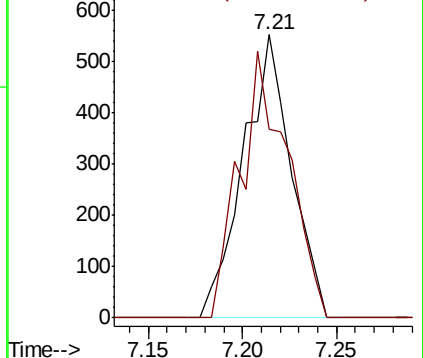
130 100

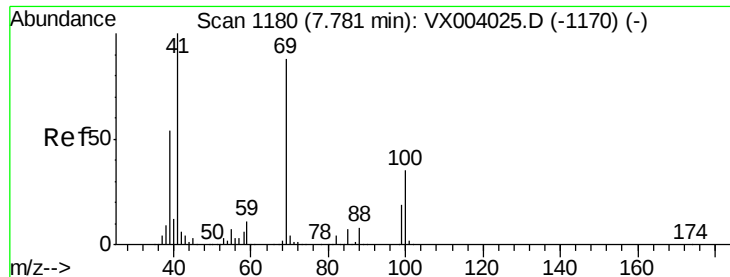
95 66.5 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

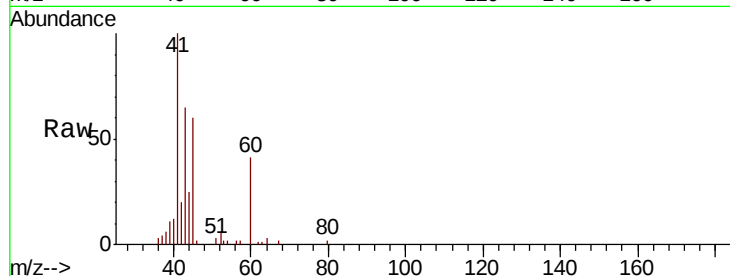




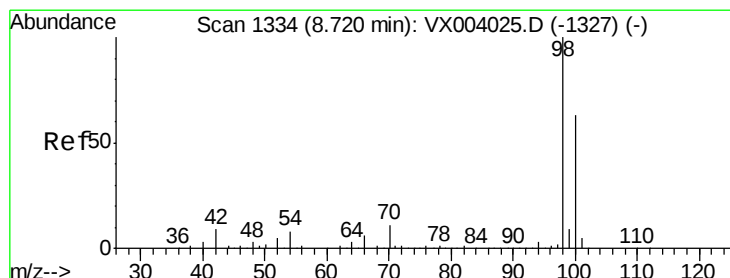
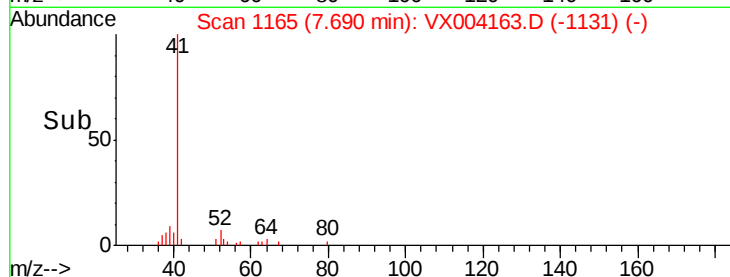
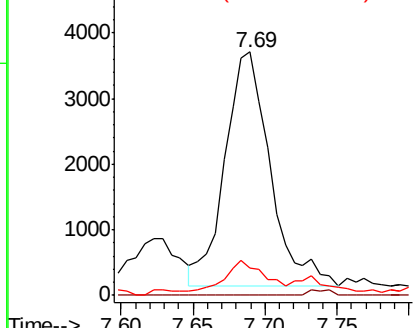
#48
Methyl methacrylate
Concen: 1.98 ug/l
RT: 7.69 min Scan# 1165
Delta R.T. -0.09 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

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

Tot Ion: 41 Resp: 7825
Ion Ratio Lower Upper
41 100
69 0.0 68.8 103.2#
39 11.8 42.3 63.5#

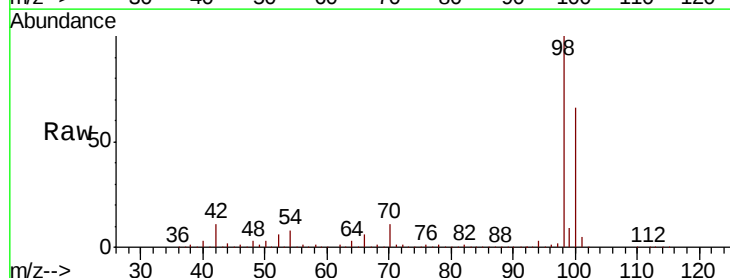


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

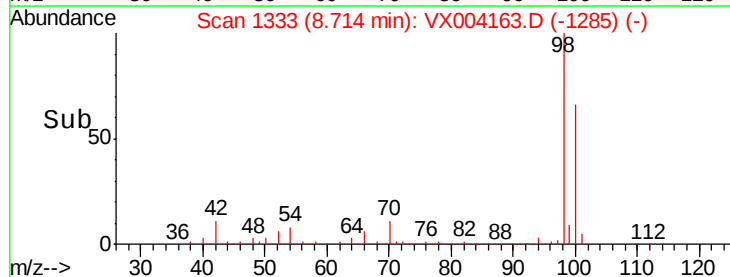
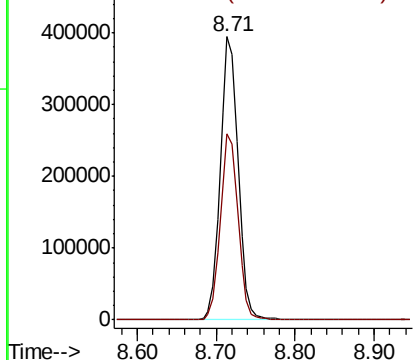


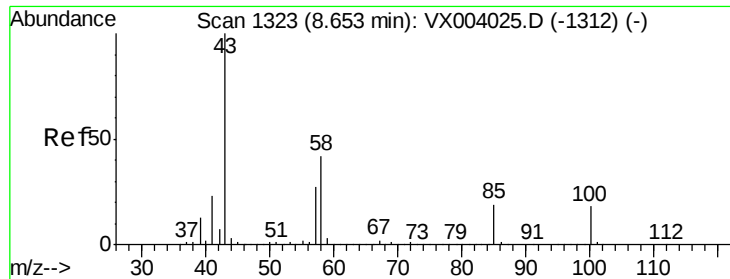
#50
Toluene-d8
Concen: 47.95 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

Tgt 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): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.43 ug/l

RT: 8.62 min Scan# 1318

Delta R.T. -0.03 min

Lab File: VX004163.D

Acq: 20 Aug 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

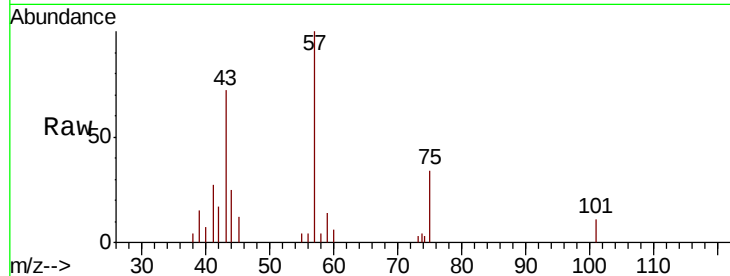
OR-03-081718-A

Tot Ion: 43 Resp: 2770

Ion Ratio Lower Upper

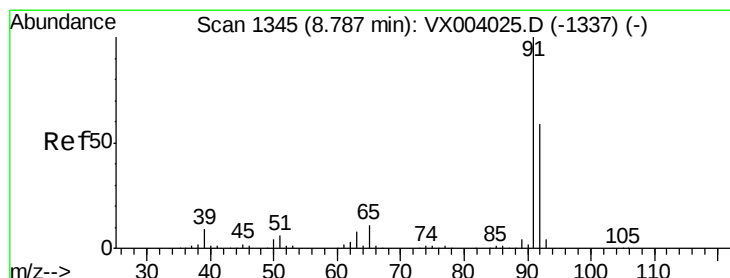
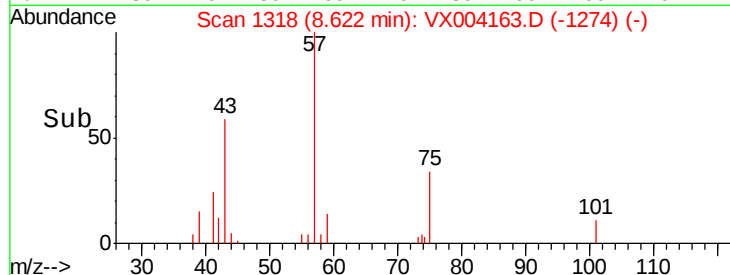
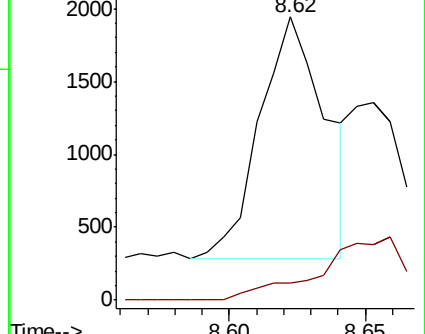
43 100

58 0.0 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.25 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004163.D

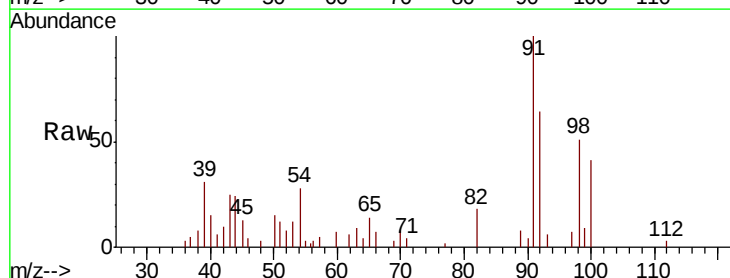
Acq: 20 Aug 2018 19:47

Tgt Ion: 92 Resp: 2277

Ion Ratio Lower Upper

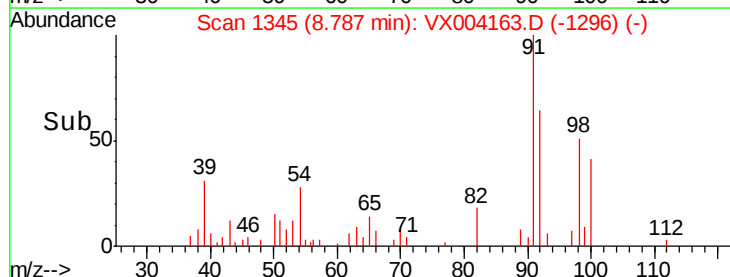
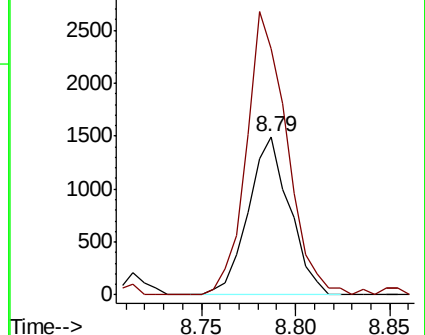
92 100

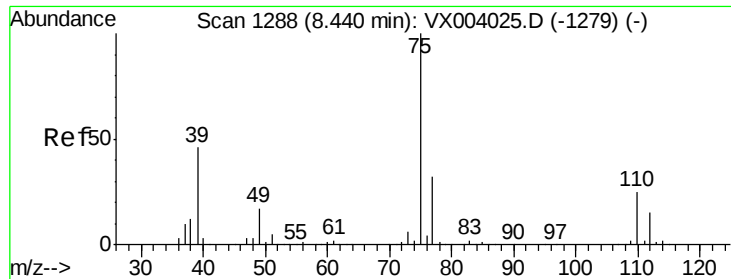
91 174.4 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

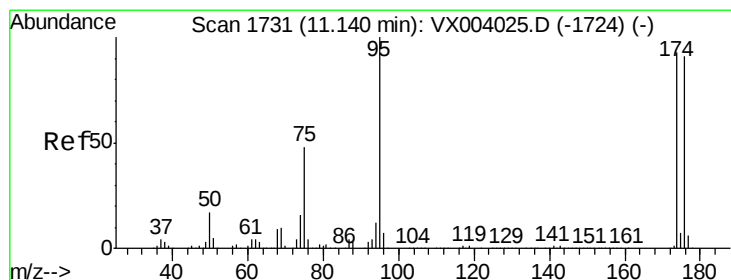
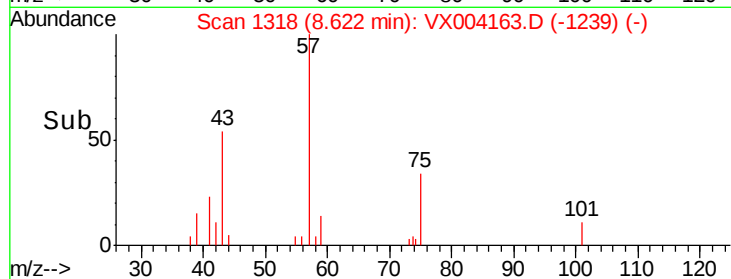
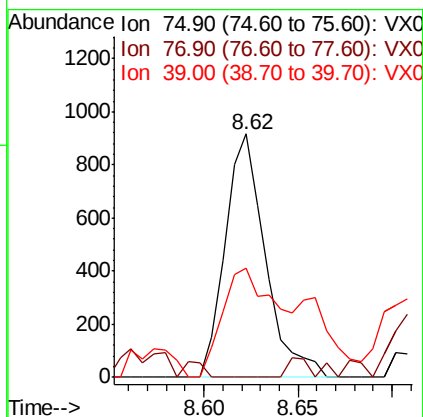
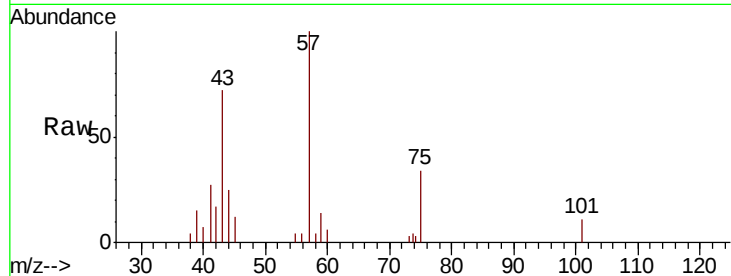




#54
 cis-1,3-Dichloropropene
 Concen: 0.24 ug/l
 RT: 8.62 min Scan# 1318
 Delta R.T. 0.18 min
 Lab File: VX004163.D
 Acq: 20 Aug 2018 19:47

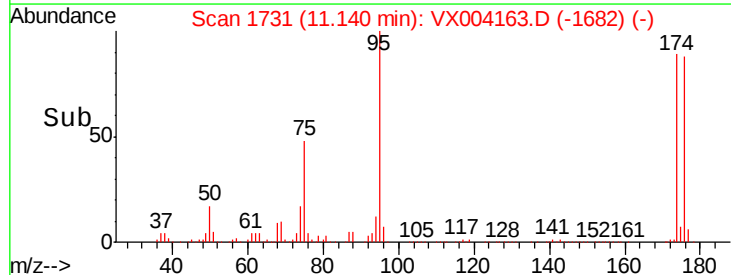
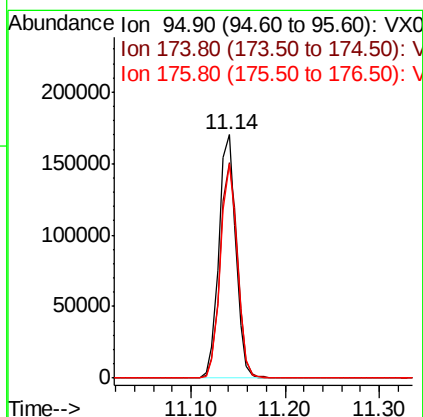
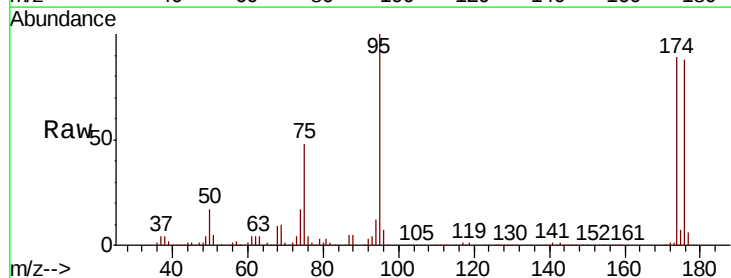
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-081718-A

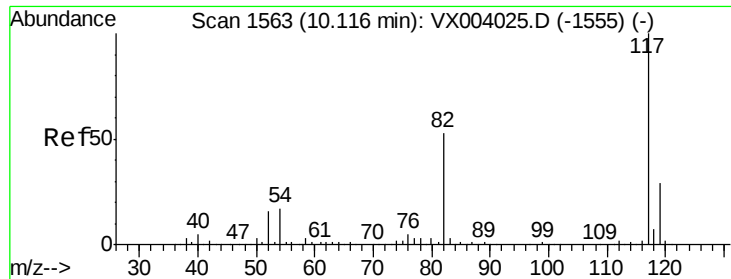
Tot Ion: 75 Resp: 1348
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 45.0 36.2 54.2



#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

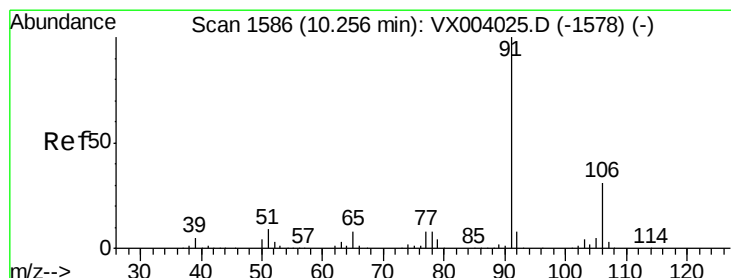
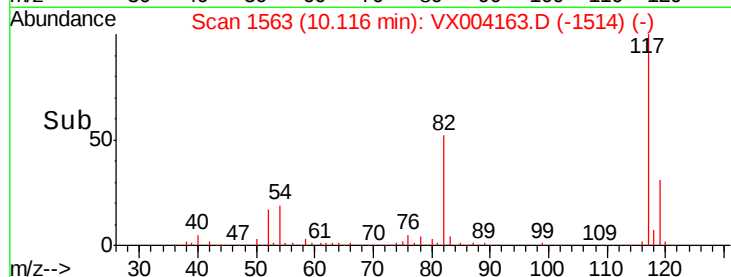
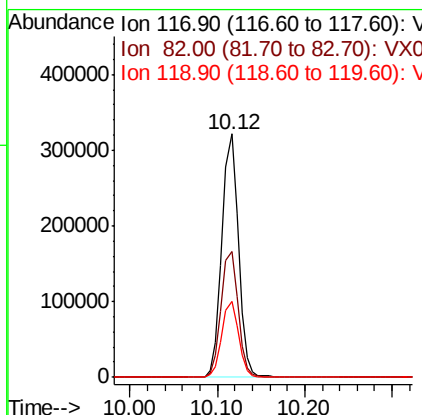
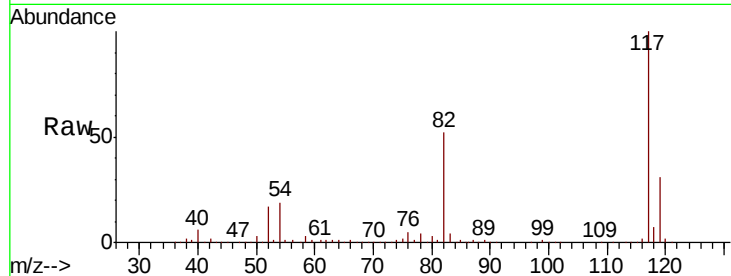




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

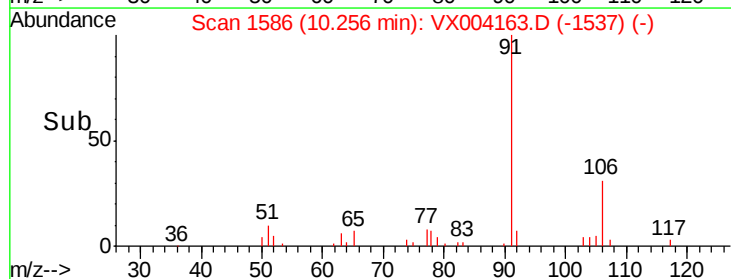
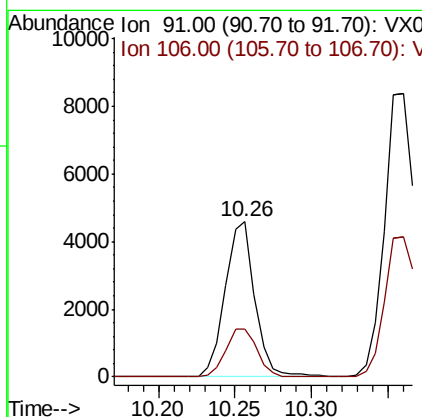
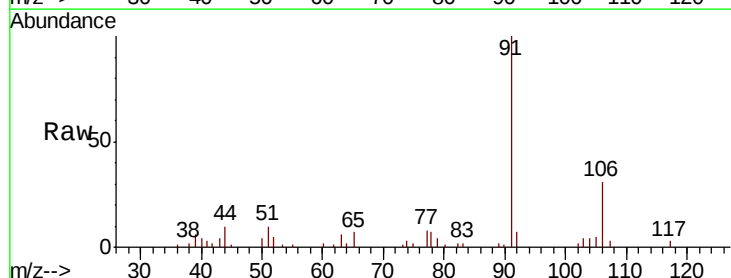
Instrument :
MSVOA_X
ClientSampleId :
OR-03-081718-A

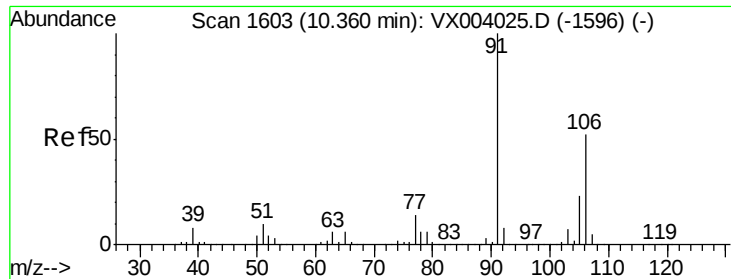
Tot Ion:117 Resp: 420727
Ion Ratio Lower Upper
117 100
82 51.7 45.4 68.0
119 31.1 26.6 40.0



#67
Ethyl Benzene
Concen: 0.36 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

Tgt Ion: 91 Resp: 6172
Ion Ratio Lower Upper
91 100
106 30.5 25.9 38.9

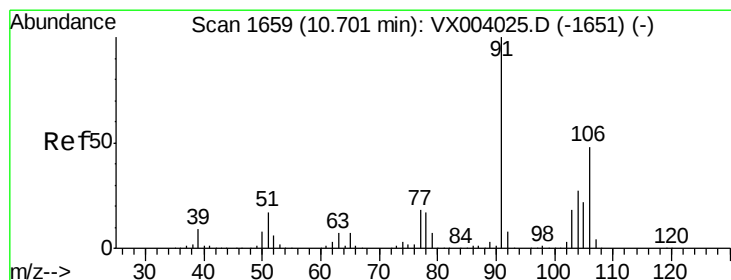
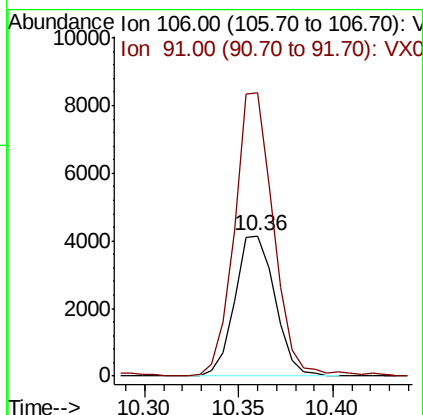
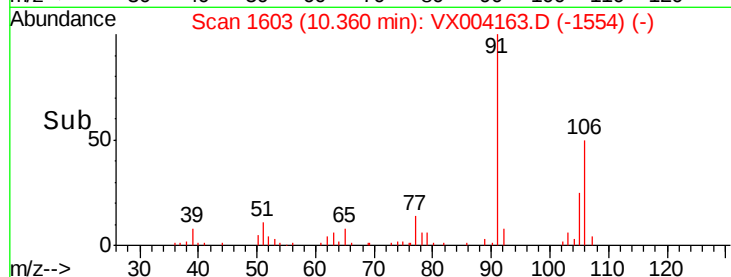
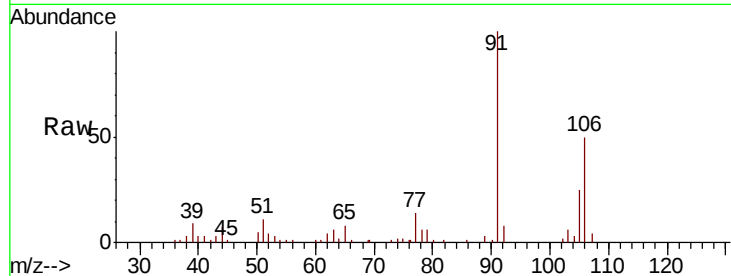




#68
m/p-Xylenes
Concen: 0.91 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

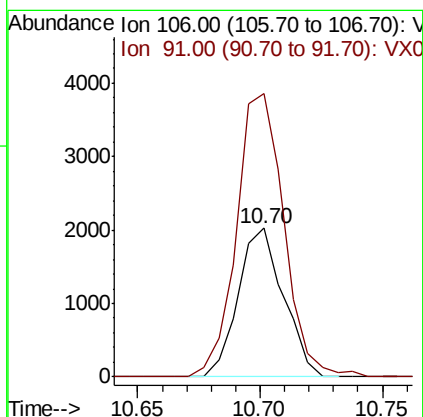
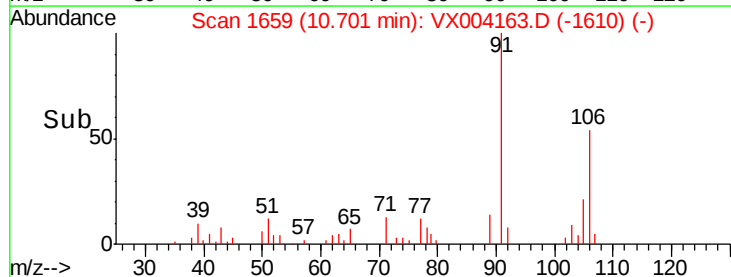
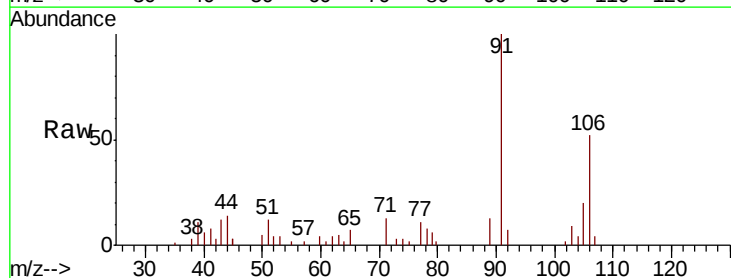
Instrument :
MSVOA_X
ClientSampleId :
OR-03-081718-A

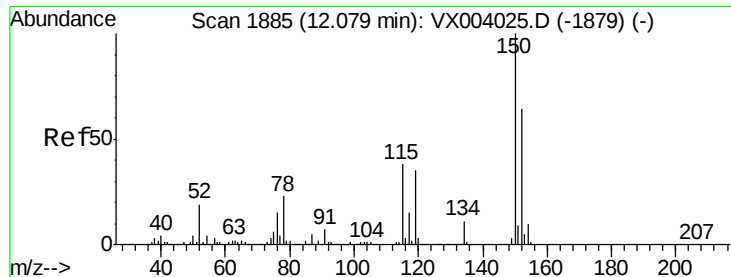
Tot Ion:106 Resp: 6132
Ion Ratio Lower Upper
106 100
91 196.8 162.3 243.5



#69
o-Xylene
Concen: 0.40 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004163.D
Acq: 20 Aug 2018 19:47

Tgt Ion:106 Resp: 2602
Ion Ratio Lower Upper
106 100
91 199.8 101.9 305.7





#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

Instrument :

MSVOA_X

ClientSampleId :

OR-03-081718-A

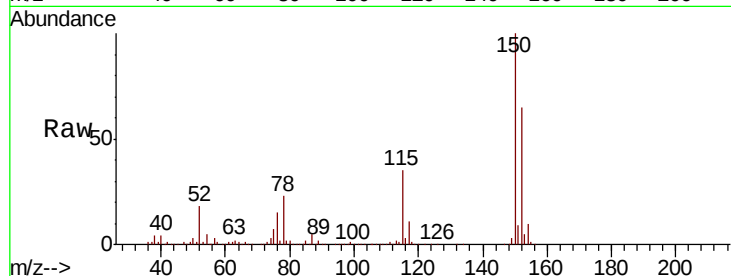
Tot Ion:152 Resp: 228822

Ion Ratio Lower Upper

152 100

115 54.8 39.1 117.3

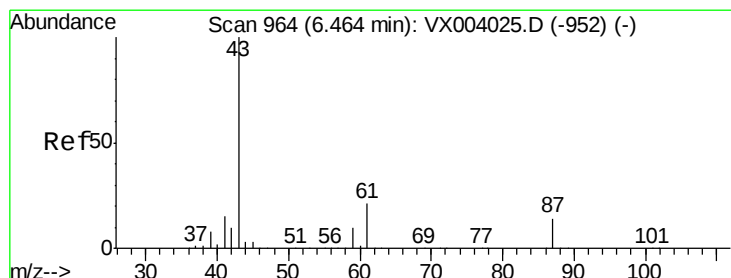
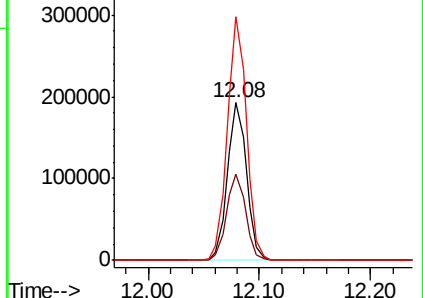
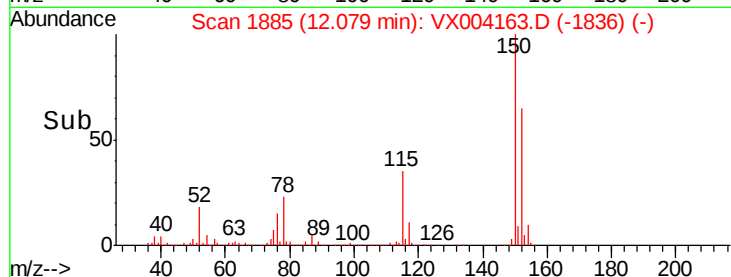
150 154.5 0.0 349.2



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



#74

N-ethyl 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

Tgt Ion: 43 Resp: 131742

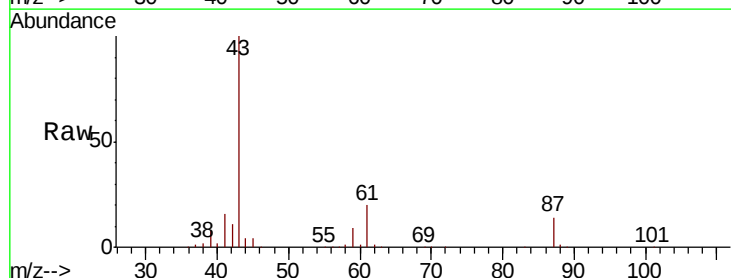
Ion Ratio Lower Upper

43 100

70 0.1 0.0 0.0#

55 0.1 0.1 0.1

61 20.3 16.9 25.3

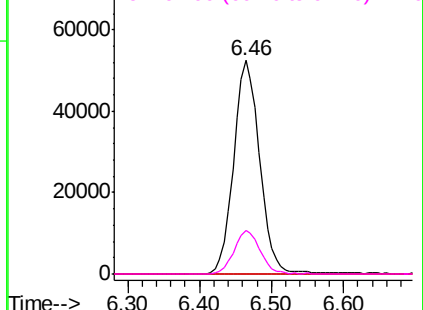
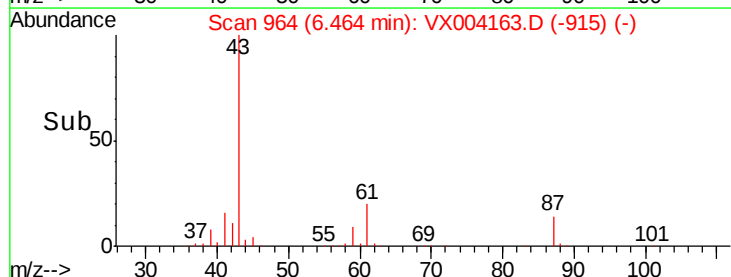


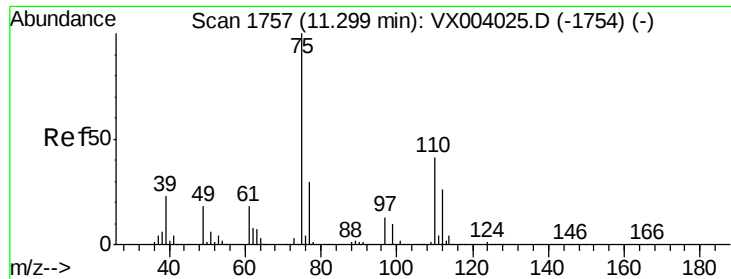
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

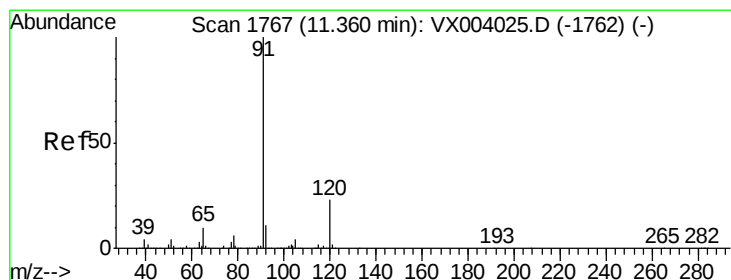
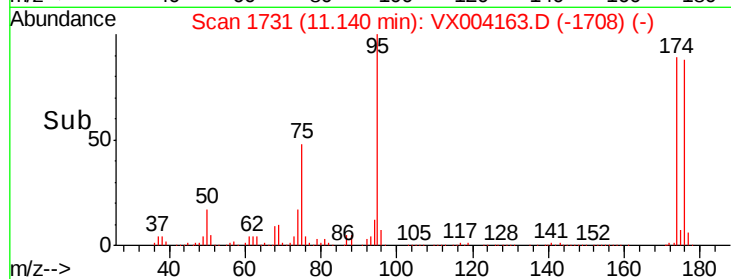
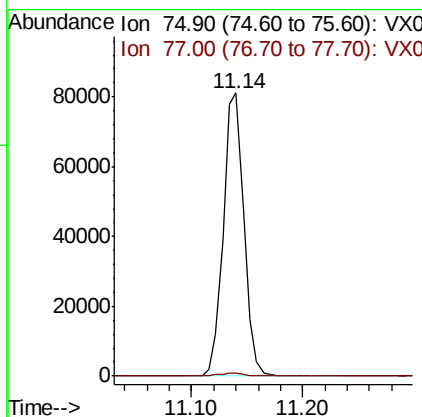
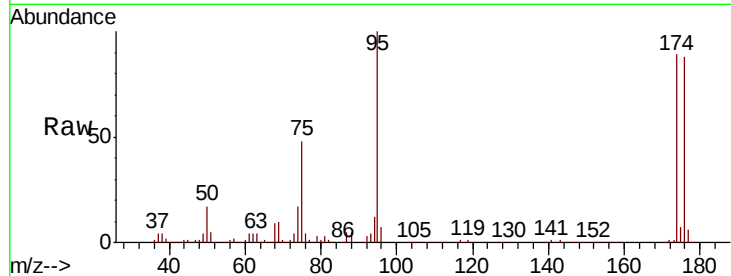




#76
 1,2,3-Trichloropropane
 Concen: 22.52 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX004163.D
 Acq: 20 Aug 2018 19:47

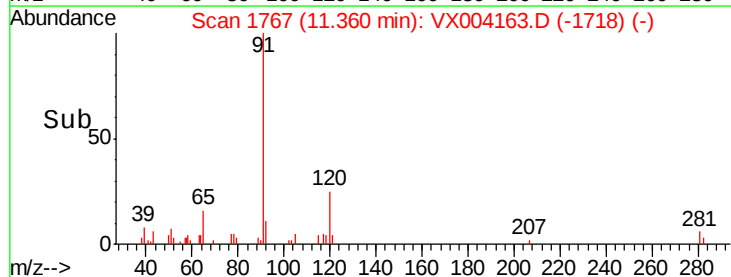
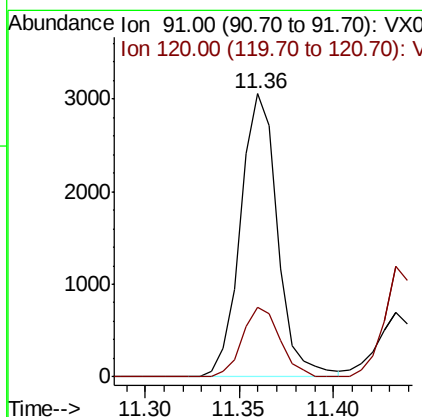
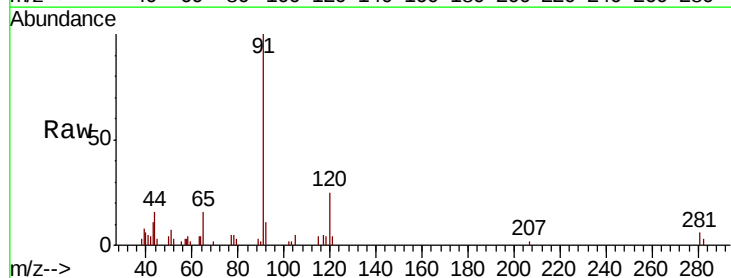
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-081718-A

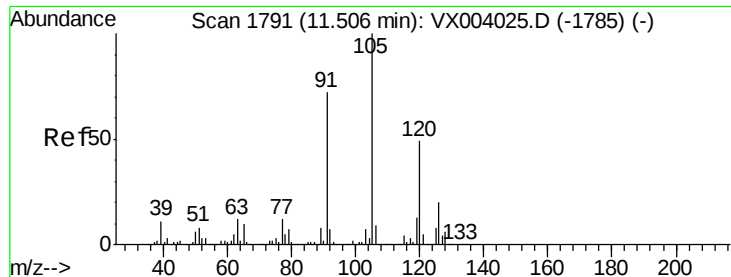
Tot Ion: 75 Resp: 103338
 Ion Ratio Lower Upper
 75 100
 77 1.5 20.8 62.5#



#78
 n-propylbenzene
 Concen: 0.24 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: VX004163.D
 Acq: 20 Aug 2018 19:47

Tgt Ion: 91 Resp: 4176
 Ion Ratio Lower Upper
 91 100
 120 24.8 11.9 35.5

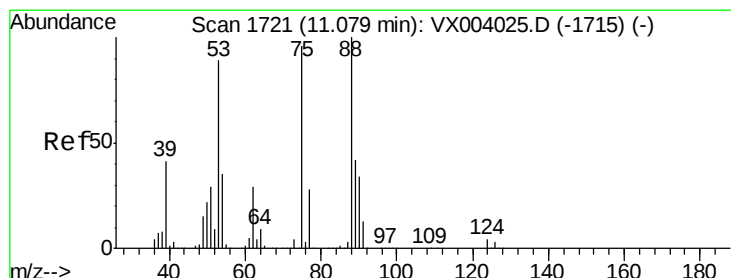
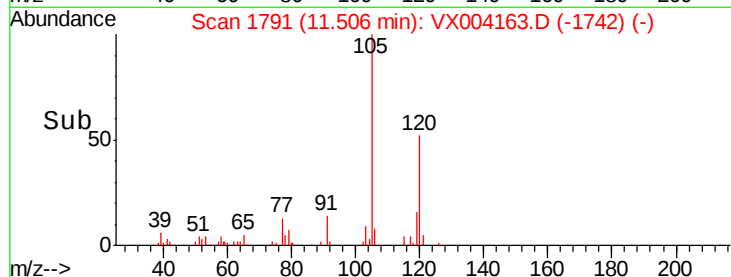
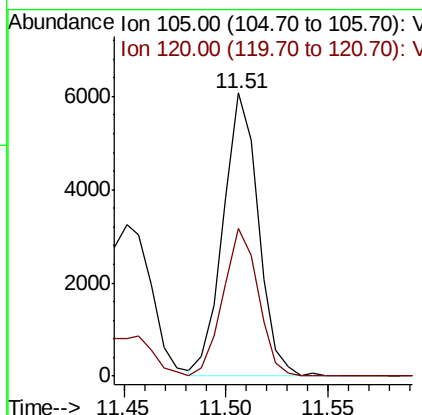
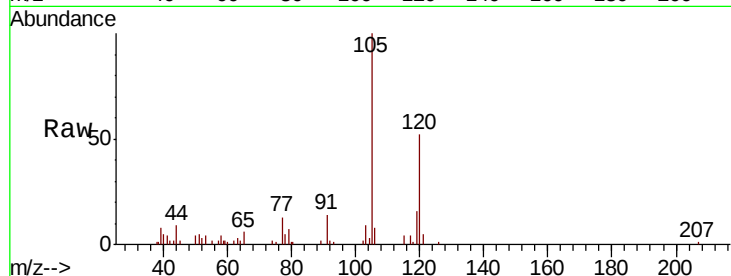




#80
 1,3,5-Trimethylbenzene
 Concen: 0.57 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004163.D
 Acq: 20 Aug 2018 19:47

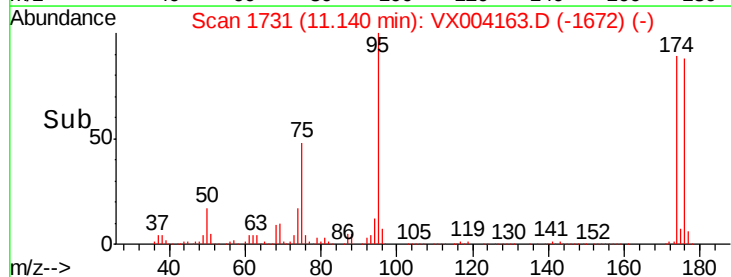
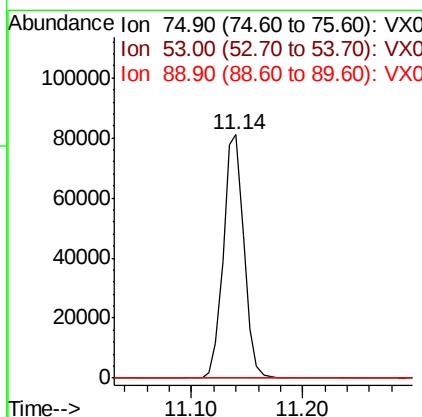
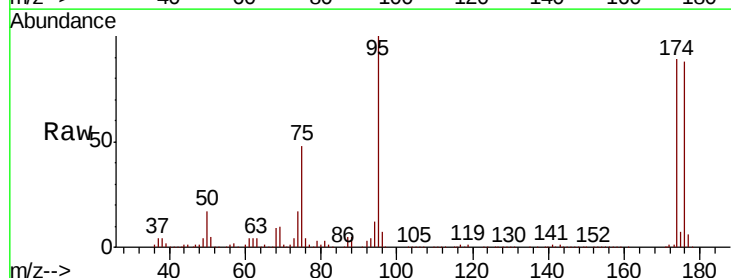
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-081718-A

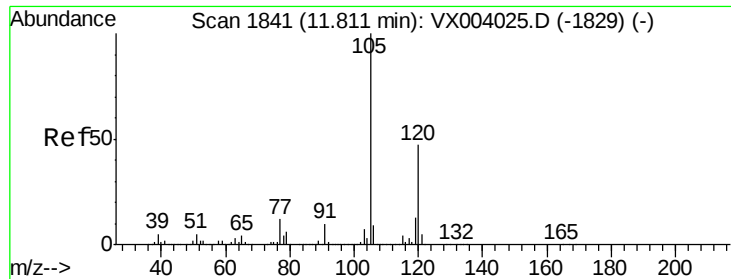
Tot Ion:105 Resp: 7257
 Ion Ratio Lower Upper
 105 100
 120 51.9 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.71 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX004163.D
 Acq: 20 Aug 2018 19:47

Tgt Ion: 75 Resp: 103338
 Ion Ratio Lower Upper
 75 100
 53 0.3 80.3 120.5#
 89 0.0 37.8 56.8#

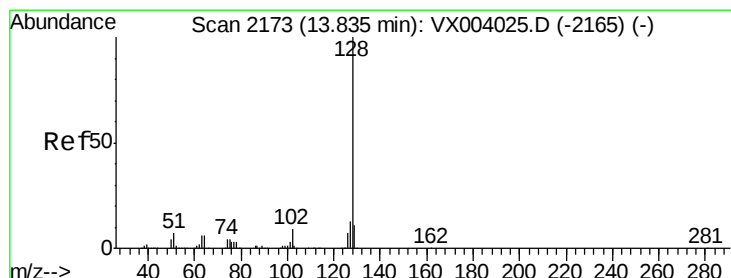
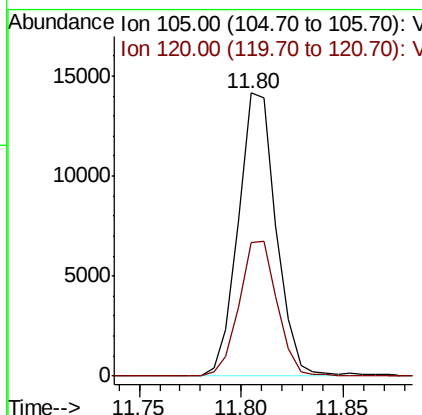
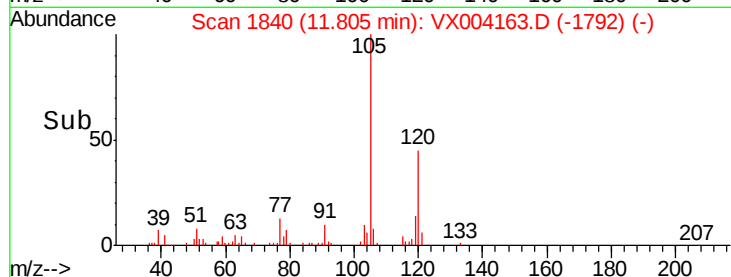
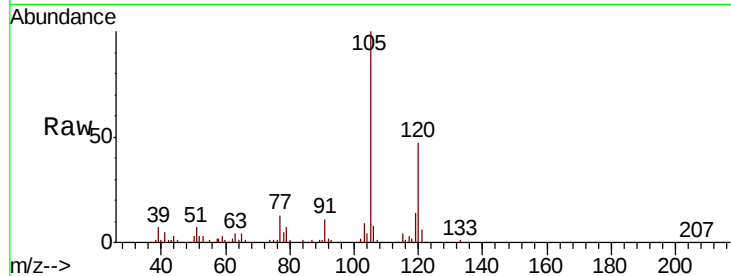




#84
 1,2,4-Trimethylbenzene
 Concen: 1.39 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX004163.D
 Acq: 20 Aug 2018 19:47

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

Tot 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

Tgt Ion:128 Resp: 332470
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.2
 129 10.7 8.8 13.2

