

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005105.D
 Acq On : 06 Oct 2018 09:33
 Operator : JC/MD
 Sample : J5194-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-100318

Quant Time: Oct 08 00:57:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219065	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	326183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186270	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	169668	54.22	ug/l	0.00
Spiked Amount			Recovery	=	108.44%	
35) Dibromofluoromethane	5.51	113	147147	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
50) Toluene-d8	8.72	98	475912	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.14	95	173746	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	573	0.284	ug/l #	64
6) Chloroethane	1.72	64	90	Below Cal	#	45
11) Tert butyl alcohol	3.02	59	2287	2.614	ug/l #	82
16) Acetone	2.45	43	26550	14.532	ug/l #	83
18) Methyl Acetate	2.78	43	10199	2.203	ug/l	97
20) Methylene Chloride	2.85	84	47011	17.146	ug/l	97
25) 2-Butanone	4.71	43	5463	2.029	ug/l #	89
28) Bromochloromethane	5.21	49	1170	0.478	ug/l #	13
29) Tetrahydrofuran	5.16	42	2177	1.301	ug/l	99
30) Chloroform	5.22	83	12233	2.488	ug/l	89
31) Cyclohexane	5.67	56	4197	1.054	ug/l #	3
36) 1,1-Dichloropropene	5.67	75	14912	3.954	ug/l #	46
38) Carbon Tetrachloride	5.67	117	18857	4.756	ug/l #	18
43) Isopropyl Acetate	6.46	43	186503	25.809	ug/l	97
47) Bromodichloromethane	7.90	83	2446	0.718	ug/l #	84
48) Methyl methacrylate	7.69	41	7462	2.275	ug/l #	22
51) 4-Methyl-2-Pentanone	8.62	43	2409	0.529	ug/l #	37
52) Toluene	8.79	92	5735	0.884	ug/l	99
54) cis-1,3-Dichloropropene	8.62	75	1004	0.249	ug/l #	73
56) Ethyl methacrylate	9.38	69	136	2.890	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.27	63	21	14.250	ug/l #	49
59) 2-Hexanone	9.54	43	10490	2.767	ug/l #	57
67) Ethyl Benzene	10.25	91	6361	0.474	ug/l	97
68) m/p-Xylenes	10.36	106	8119	1.549	ug/l	97
69) o-Xylene	10.70	106	2859	0.594	ug/l	92
70) Styrene	10.71	104	1333	2.282	ug/l #	67
74) N-amyl acetate	10.91	43	175	1.774	ug/l #	34
76) 1,2,3-Trichloropropane	11.14	75	87136	20.871	ug/l #	35
79) 2-Chlorotoluene	11.42	91	1802	0.215	ug/l	74
80) 1,3,5-Trimethylbenzene	11.51	105	5040	0.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	87136	56.648	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	12342	0.918	ug/l	100
90) Hexachloroethane	12.61	117	457	0.257	ug/l #	1
95) Naphthalene	13.83	128	699122	45.192	ug/l	100

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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

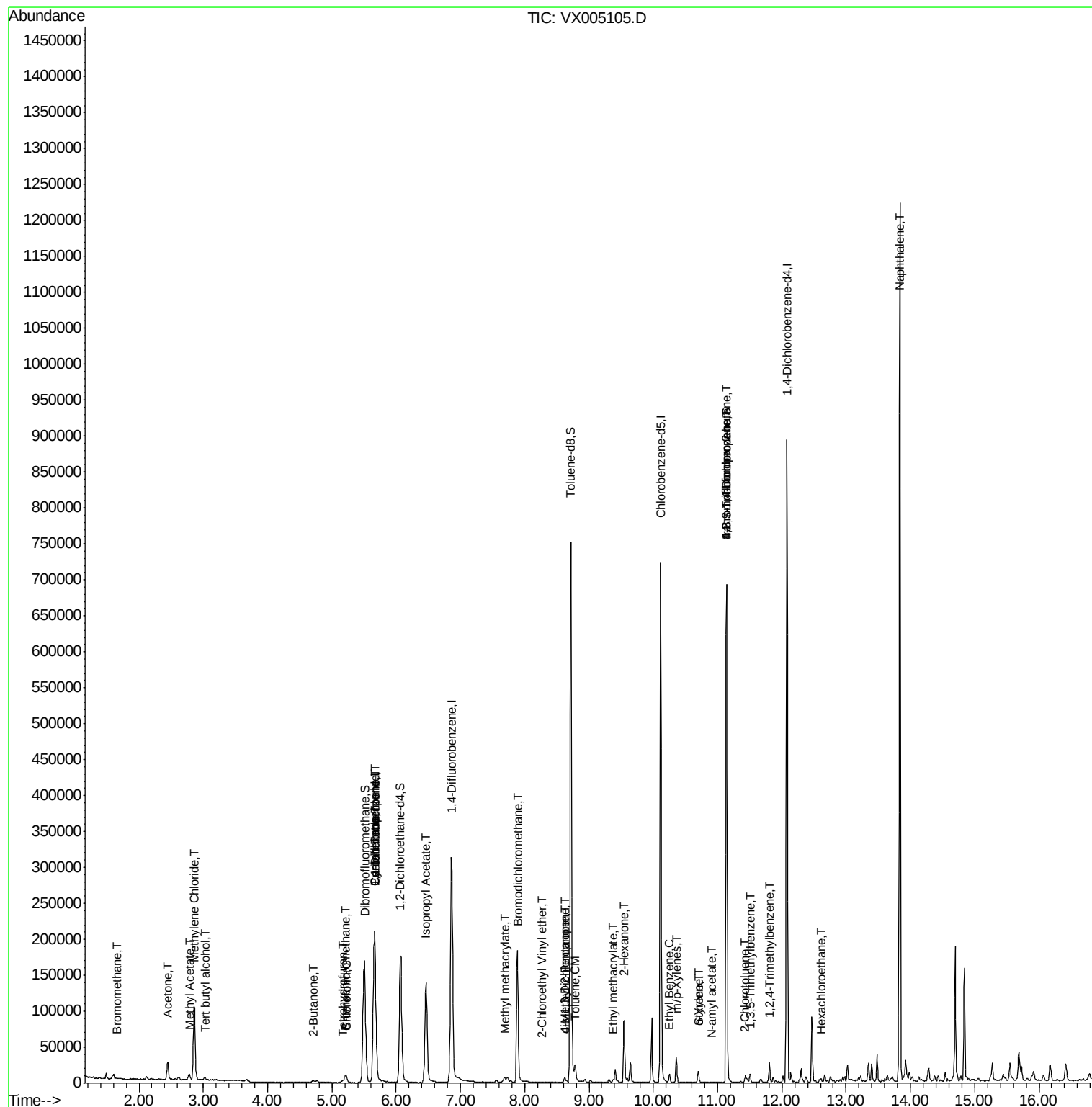
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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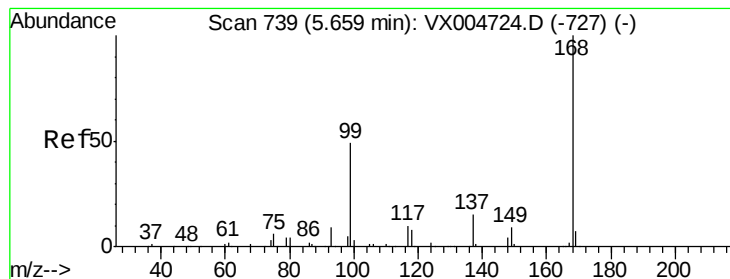
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

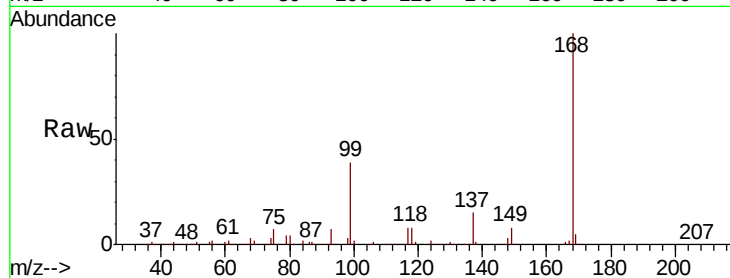
OK-01-100318

Tot Ion:168 Resp: 219065

Ion Ratio Lower Upper

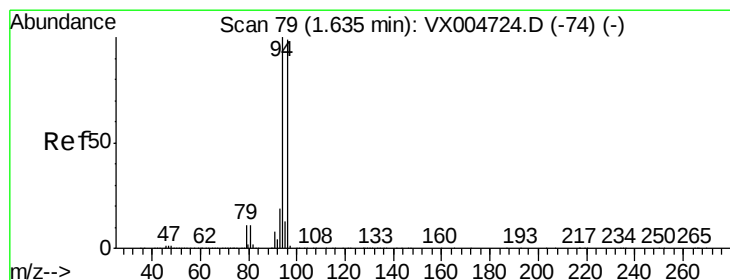
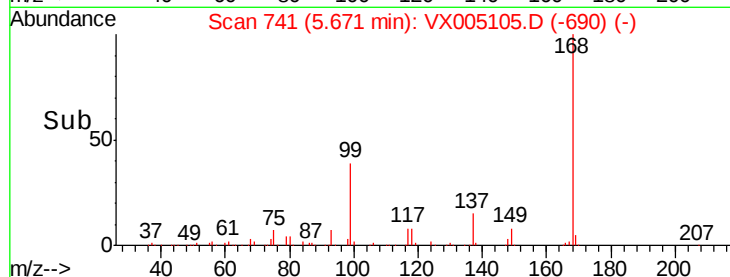
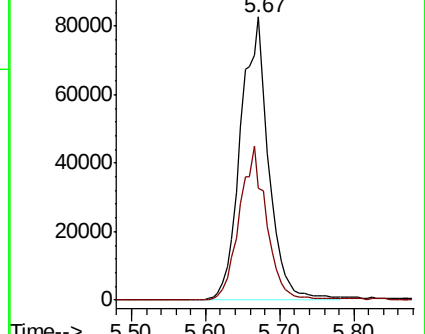
168 100

99 39.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.284 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX005105.D

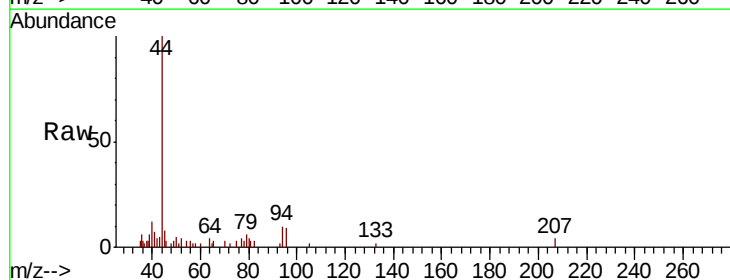
Acq: 06 Oct 2018 09:33

Tgt Ion: 94 Resp: 573

Ion Ratio Lower Upper

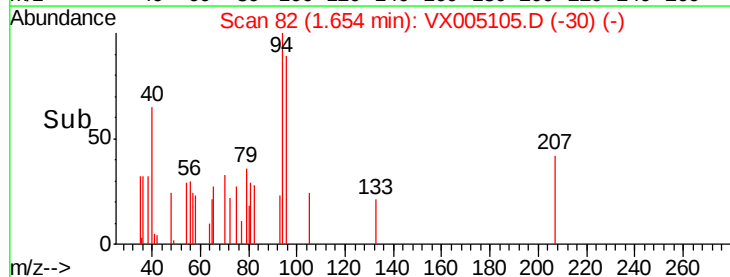
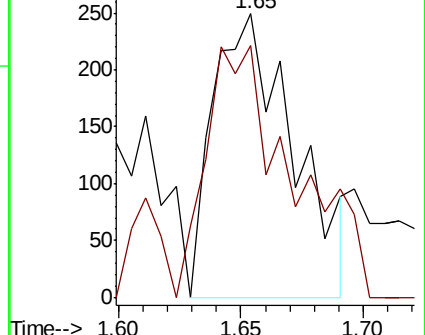
94 100

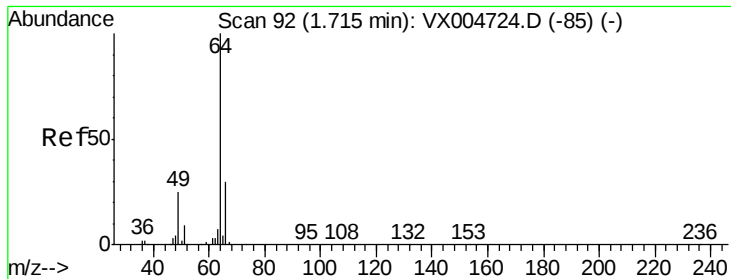
96 63.5 79.5 119.3#



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: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

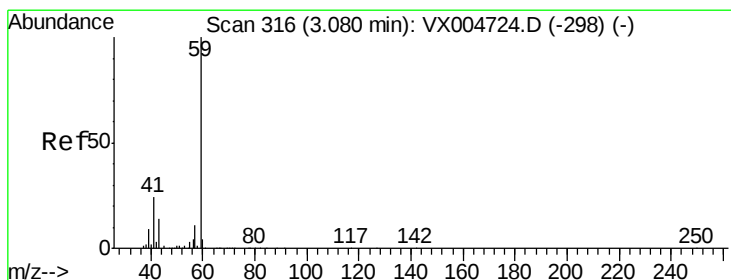
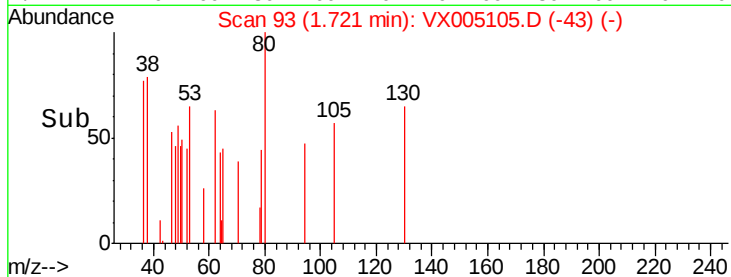
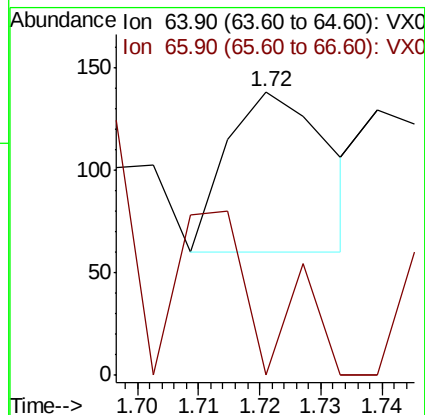
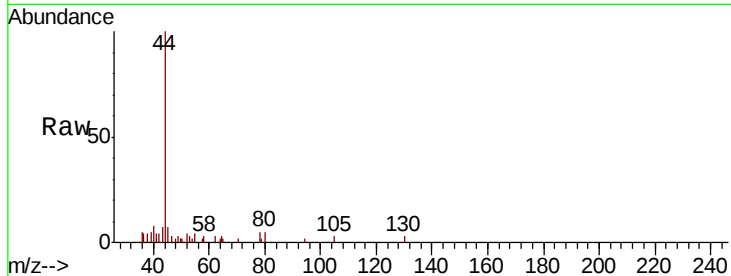
OK-01-100318

Tot Ion: 64 Resp: 90

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.6#



#11

Tert butyl alcohol

Concen: 2.614 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX005105.D

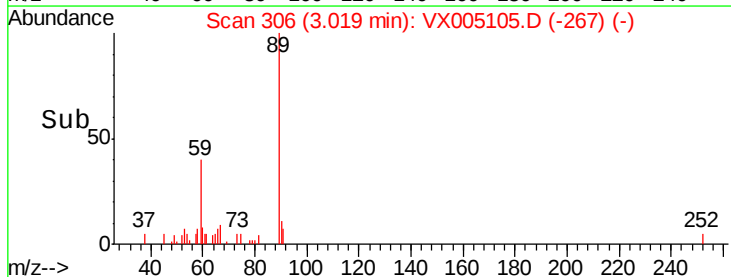
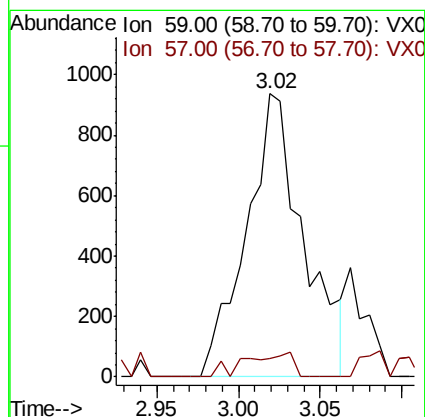
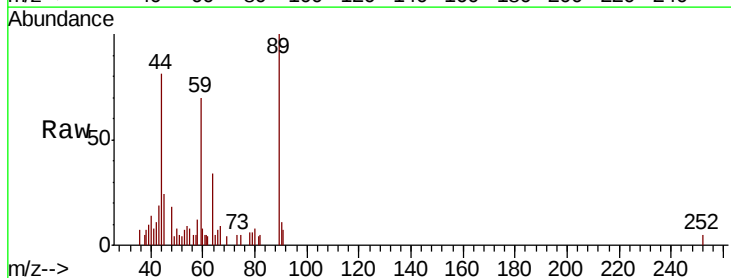
Acq: 06 Oct 2018 09:33

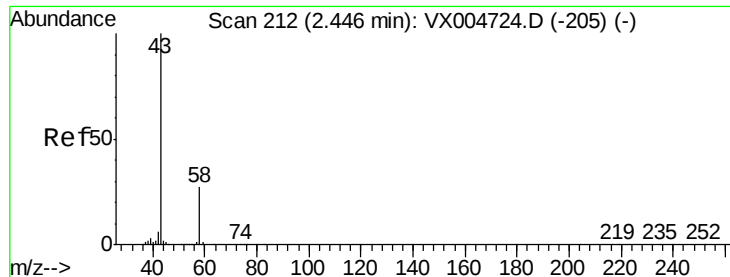
Tgt Ion: 59 Resp: 2287

Ion Ratio Lower Upper

59 100

57 3.8 8.6 12.8#

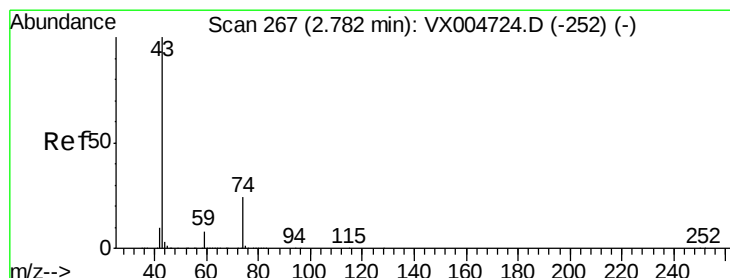
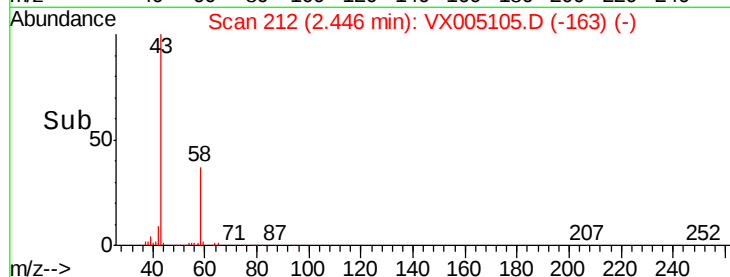
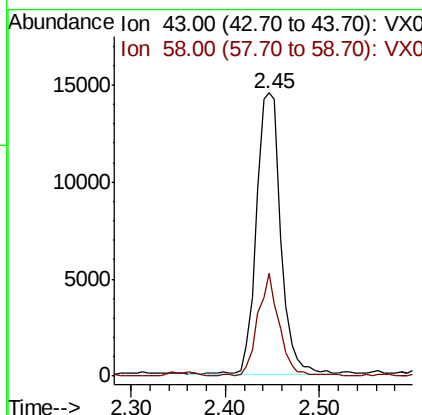
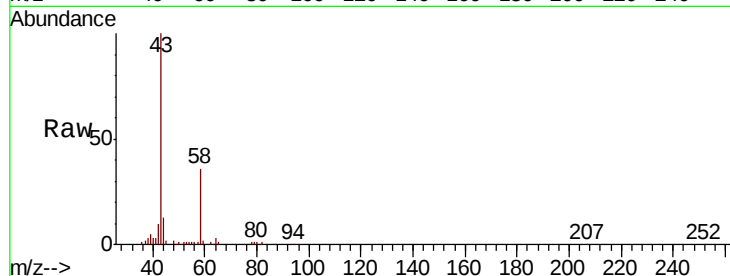




#16
Acetone
Concen: 14.532 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

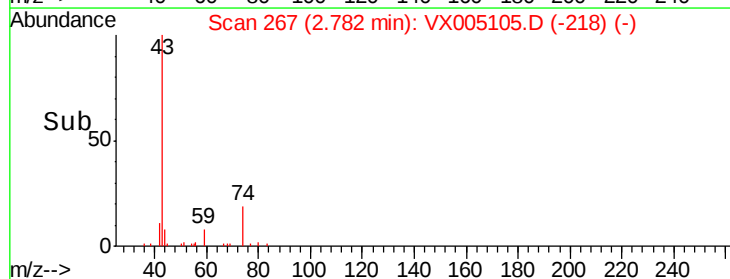
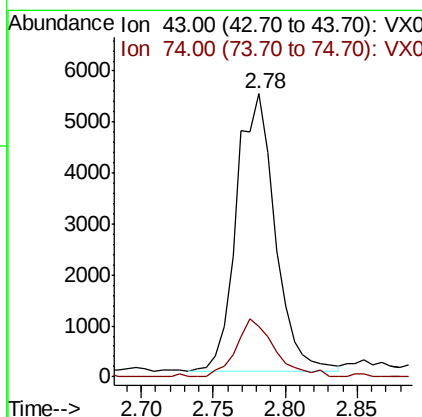
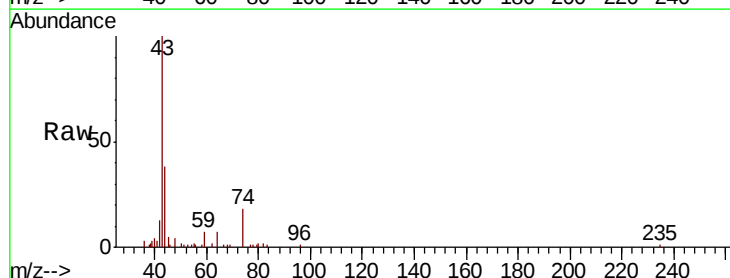
Instrument :
MSVOA_X
ClientSampleId :
OK-01-100318

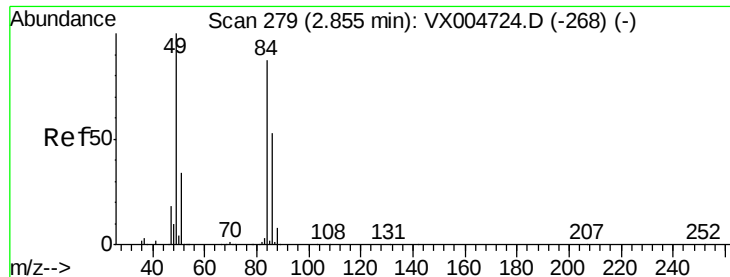
Tot Ion: 43 Resp: 26550
Ion Ratio Lower Upper
43 100
58 35.8 21.8 32.6#



#18
Methyl Acetate
Concen: 2.203 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

Tgt Ion: 43 Resp: 10199
Ion Ratio Lower Upper
43 100
74 20.7 17.8 26.8

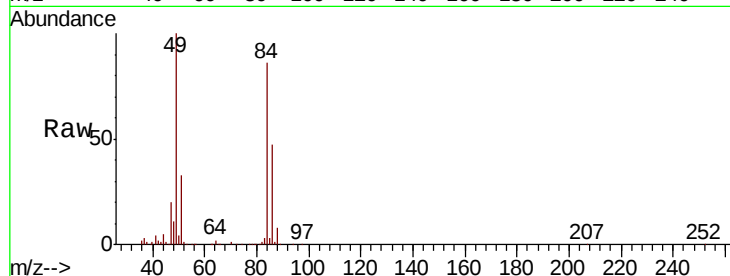




#20
Methvlene Chloride
Concen: 17.146 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

Instrument :
MSVOA_X
ClientSampleId :
OK-01-100318

Tot Ion:	84	Resp:	47011
Ion	Ratio	Lower	Upper
84	100		
49	115.4	92.3	138.5
51	37.8	31.8	47.6
86	54.6	48.5	72.7



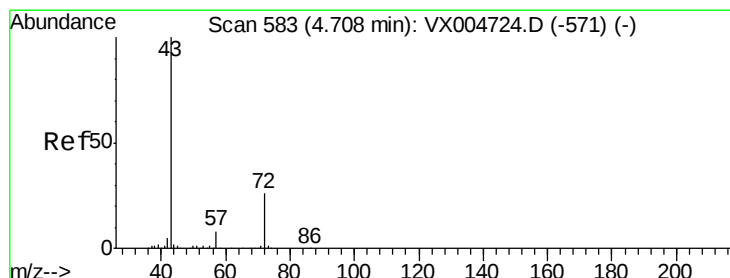
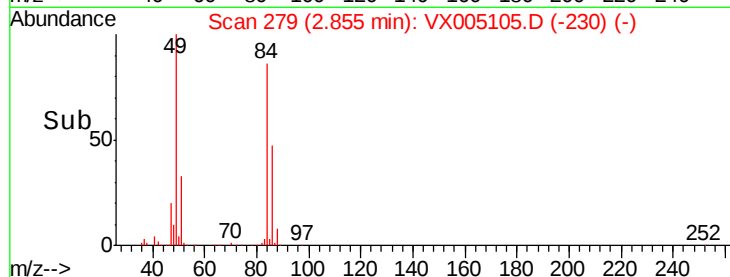
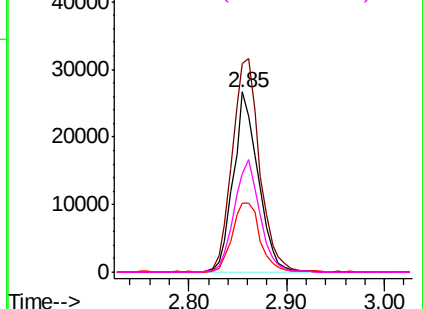
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

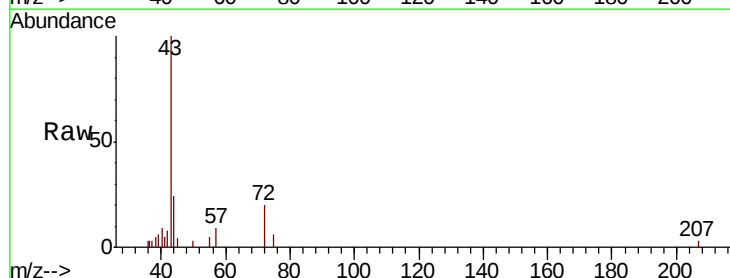
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25
2-Butanone
Concen: 2.029 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

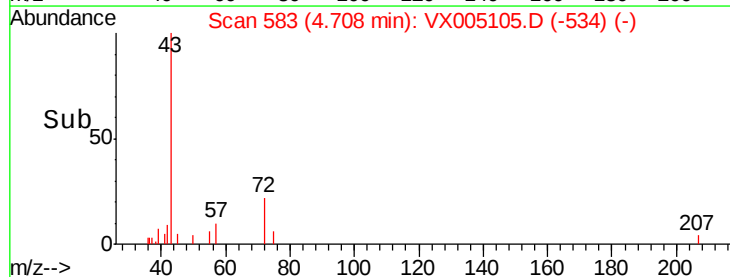
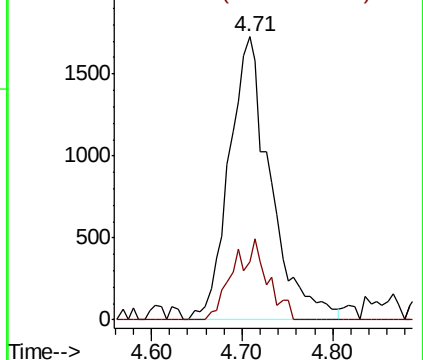
Tgt Ion:	43	Resp:	5463
Ion	Ratio	Lower	Upper
43	100		
72	20.4	20.8	31.2#

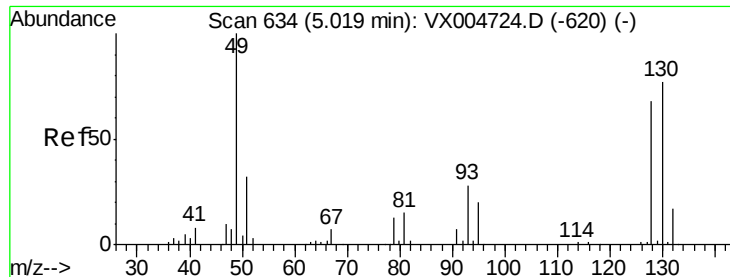


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: 0.478 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.20 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

OK-01-100318

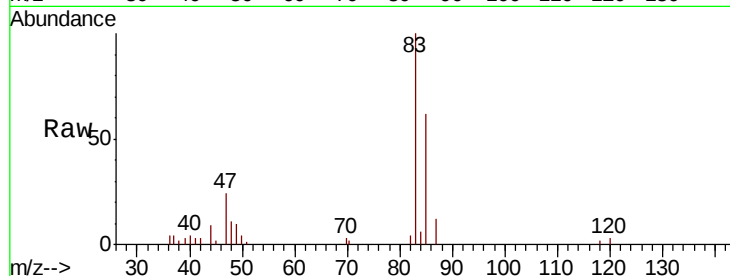
Tot Ion: 49 Resp: 1170

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 62.0 93.0#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

5.21

400

300

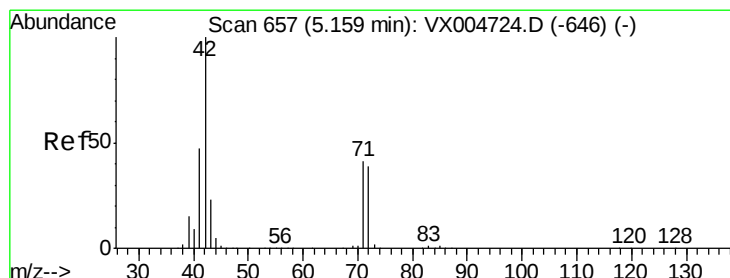
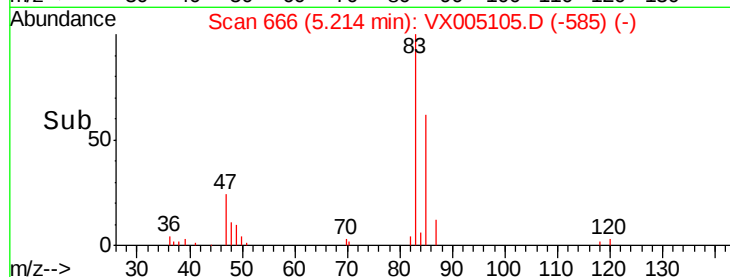
200

100

0

5.10 5.15 5.20 5.25 5.30

Time-->



#29

Tetrahydrofuran

Concen: 1.301 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

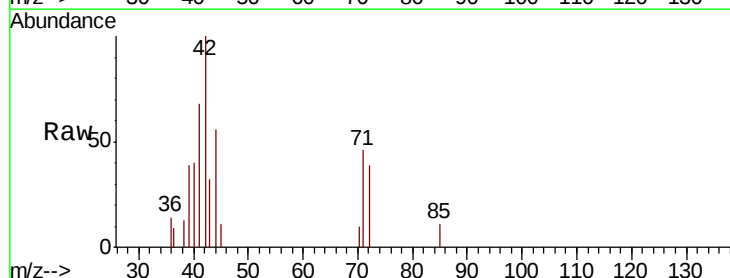
Tgt Ion: 42 Resp: 2177

Ion Ratio Lower Upper

42 100

72 42.5 33.7 50.5

71 40.1 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

800

600

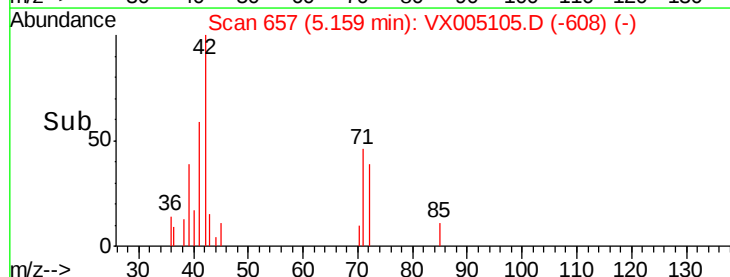
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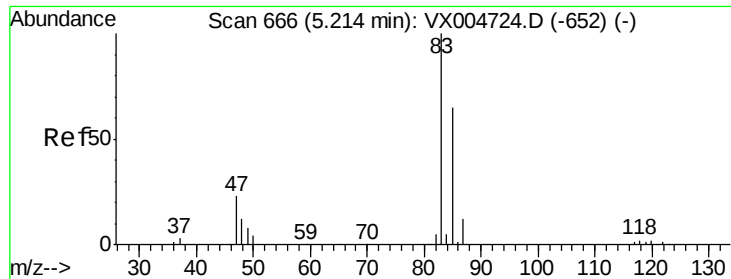
200

0

5.10 5.15 5.20 5.25

Time-->

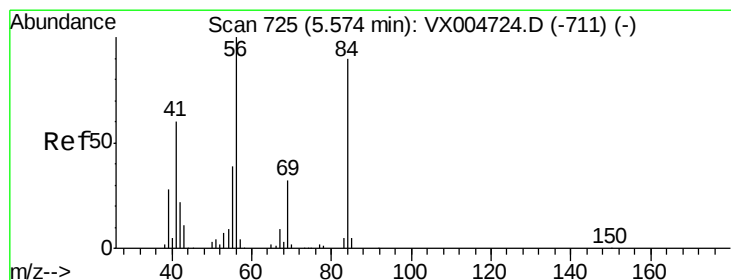
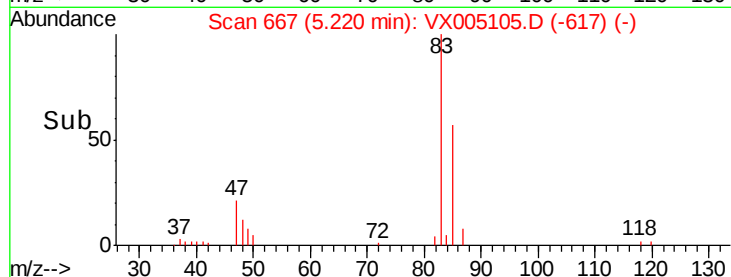
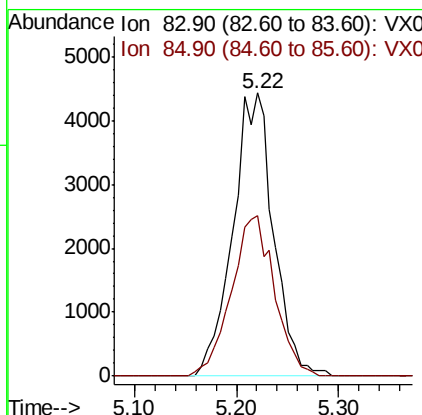
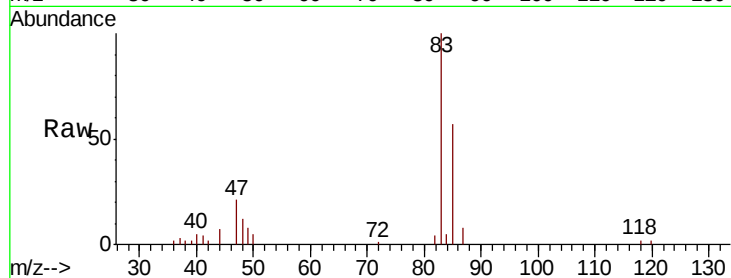




#30
Chloroform
Concen: 2.488 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

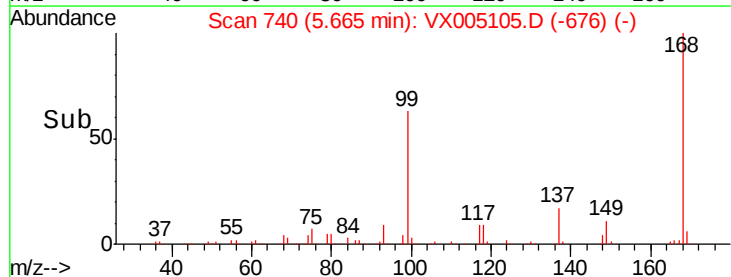
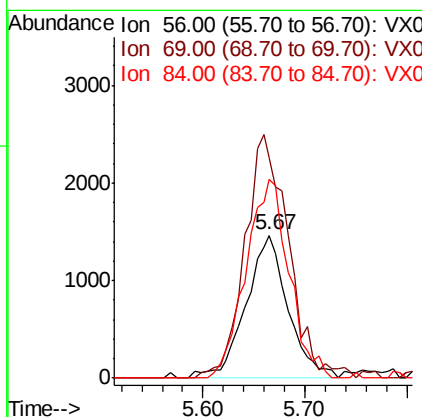
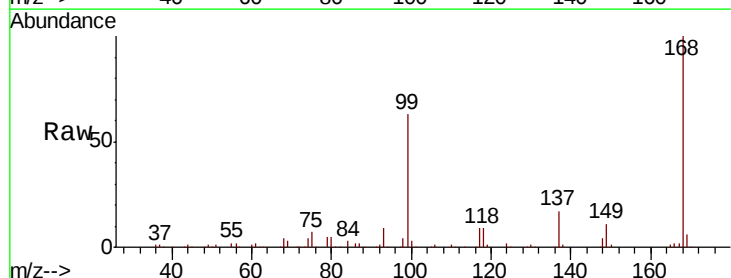
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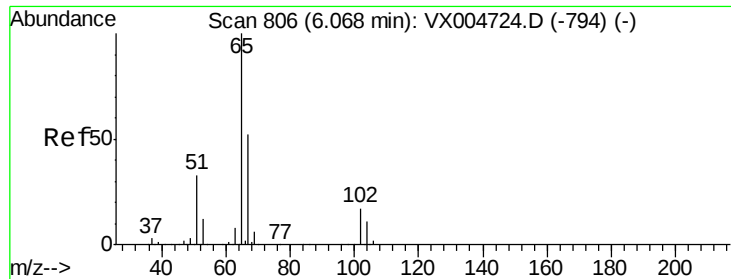
Tot Ion: 83 Resp: 12233
Ion Ratio Lower Upper
83 100
85 56.7 52.4 78.6



#31
Cyclohexane
Concen: 1.054 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

Tgt Ion: 56 Resp: 4197
Ion Ratio Lower Upper
56 100
69 154.9 25.9 38.9#
84 139.6 71.9 107.9#





#33

1,2-Dichloroethane-d4

Concen: 54.218 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

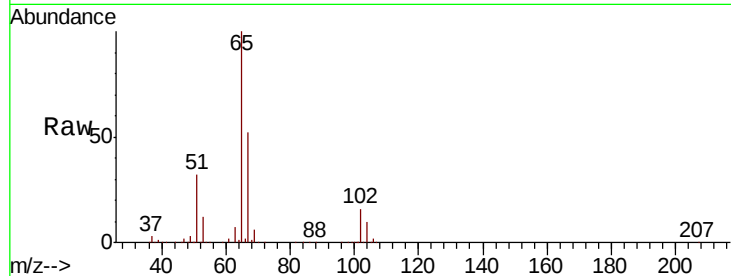
OK-01-100318

Tot Ion: 65 Resp: 169668

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

60000

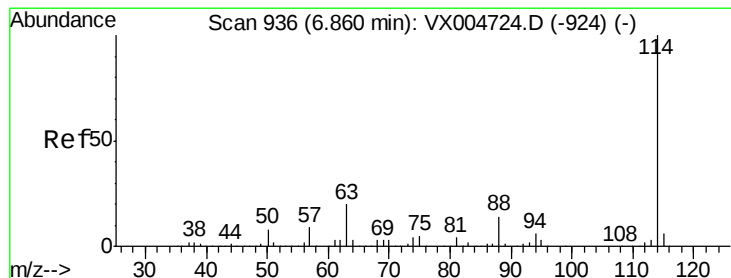
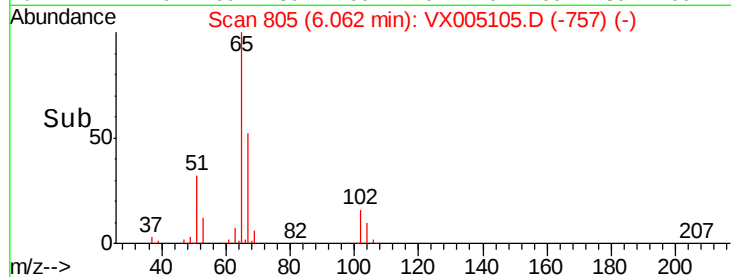
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

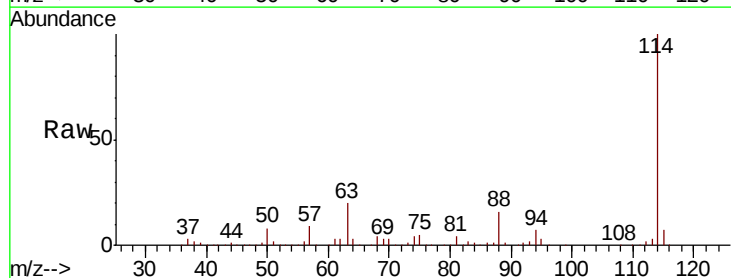
Tgt Ion: 114 Resp: 326183

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

88 15.8 0.0 27.0



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

6.86

150000

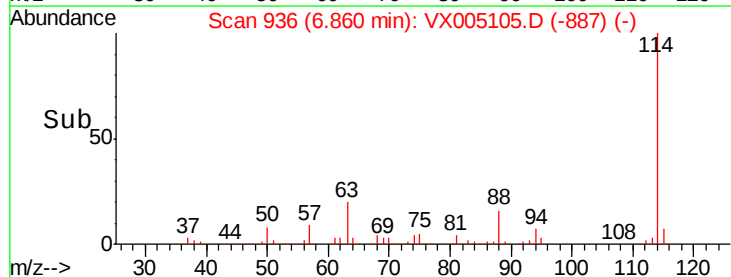
100000

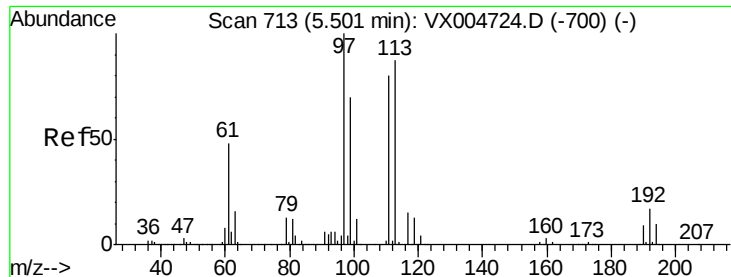
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 53.228 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

OK-01-100318

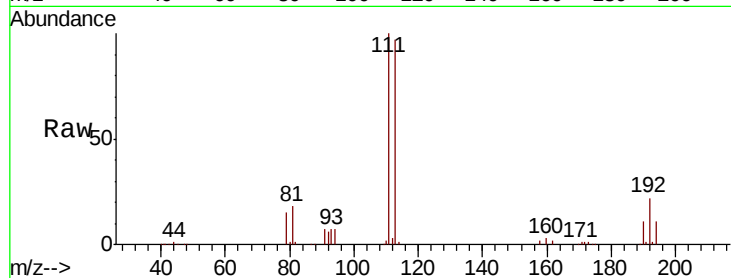
Tot Ion:113 Resp: 147147

Ion Ratio Lower Upper

113 100

111 101.0 77.0 115.4

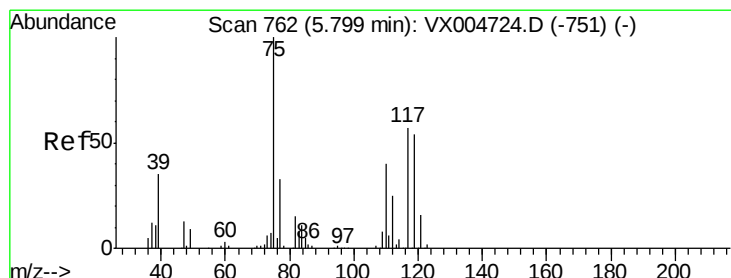
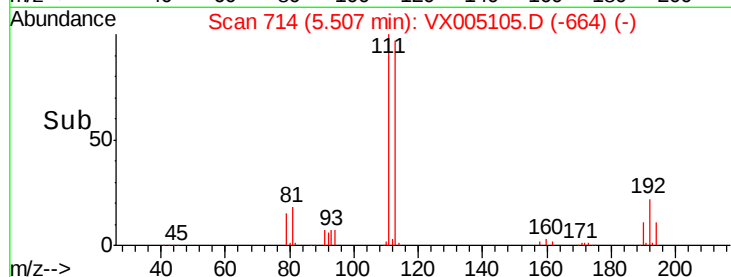
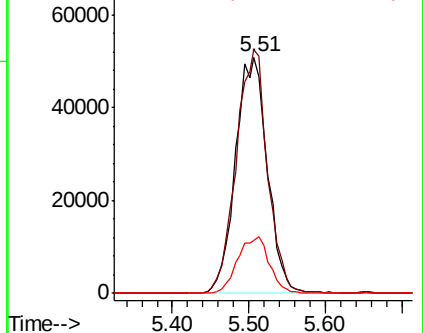
192 23.9 17.0 25.6



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: 3.954 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.13 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

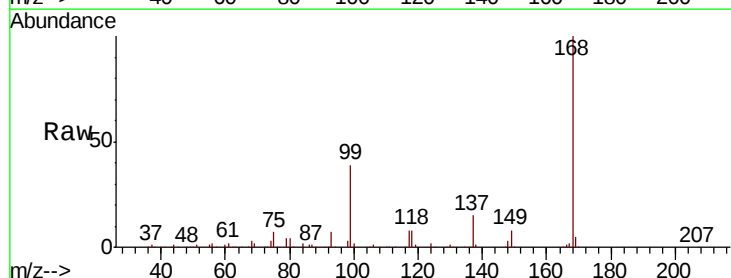
Tgt Ion: 75 Resp: 14912

Ion Ratio Lower Upper

75 100

110 9.3 20.0 59.9#

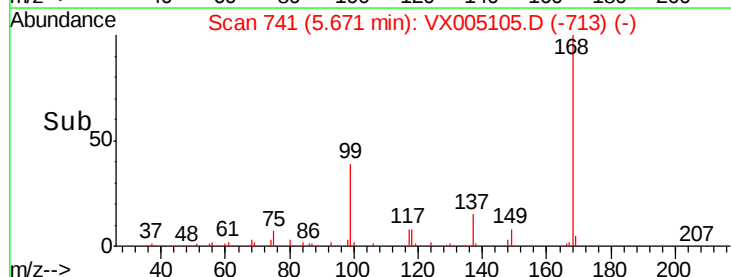
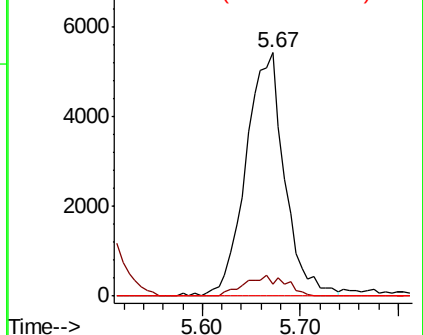
77 0.0 27.1 40.7#

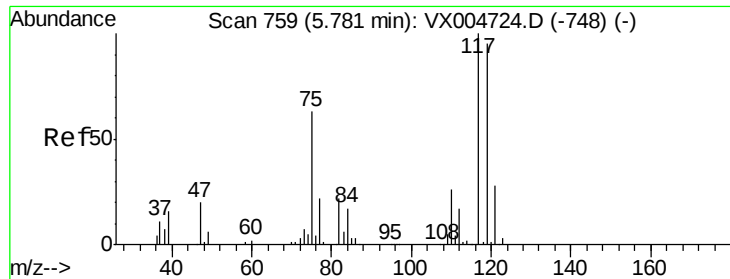


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.756 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

OK-01-100318

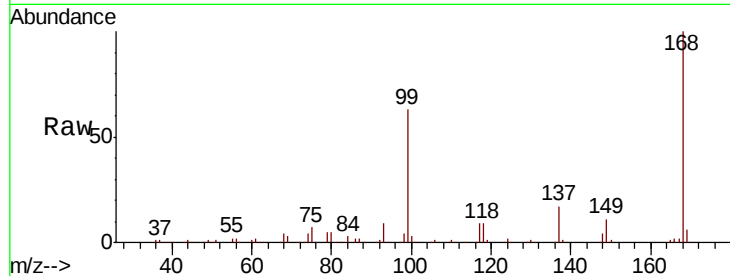
Tot Ion:117 Resp: 18857

Ion Ratio Lower Upper

117 100

119 6.0 75.2 112.8#

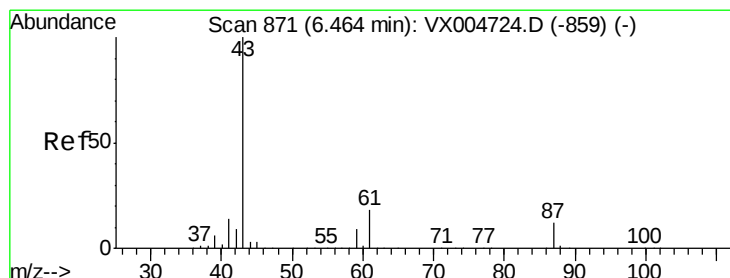
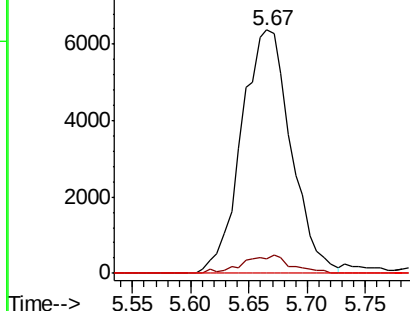
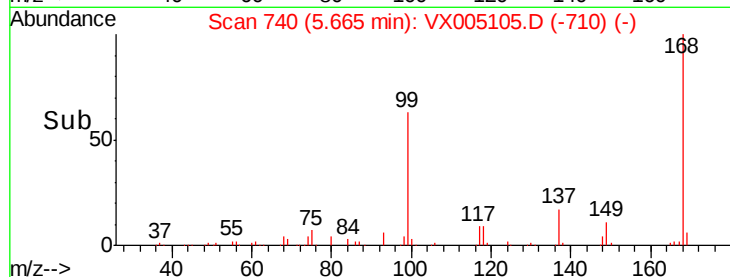
121 0.0 22.5 33.7#



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



#43

Isopropyl Acetate

Concen: 25.809 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

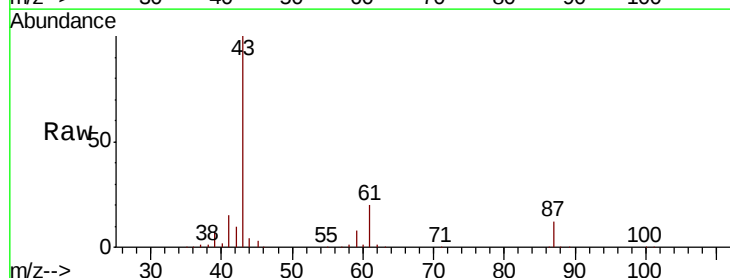
Tgt Ion: 43 Resp: 186503

Ion Ratio Lower Upper

43 100

61 19.7 14.2 21.4

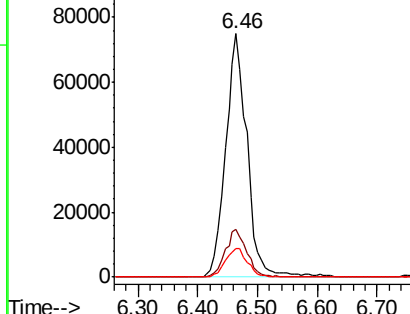
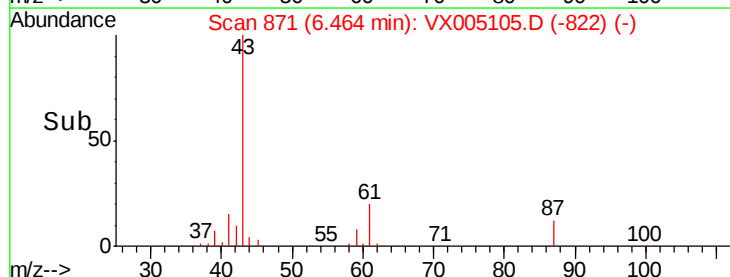
87 12.4 9.3 13.9

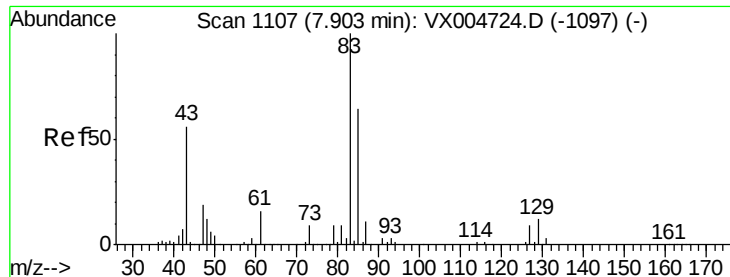


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.718 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

OK-01-100318

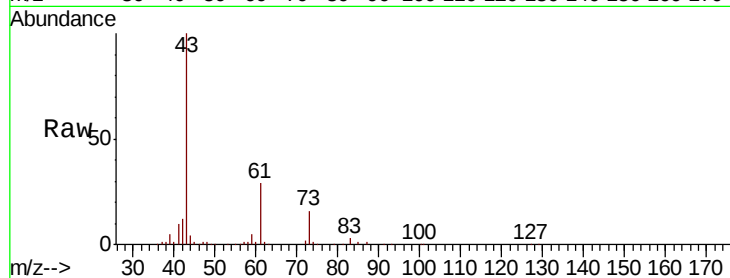
Tot Ion: 83 Resp: 2446

Ion Ratio Lower Upper

83 100

85 50.3 51.2 76.8#

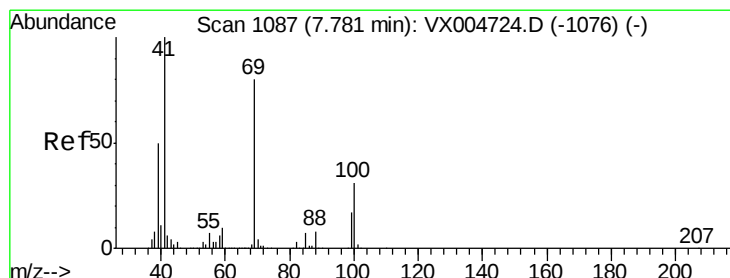
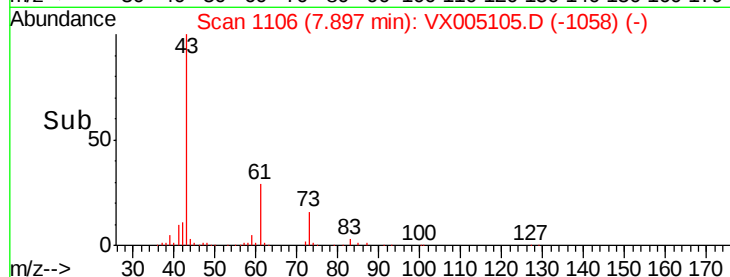
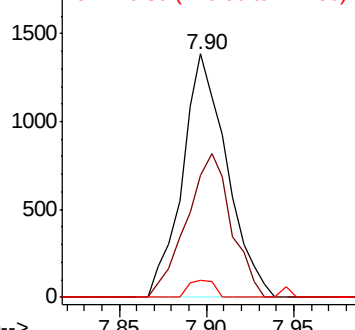
127 7.1 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.275 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.09 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

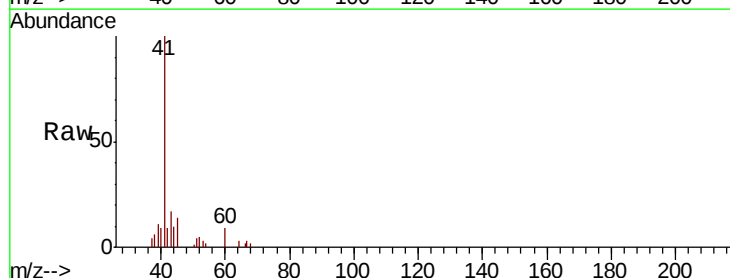
Tgt Ion: 41 Resp: 7462

Ion Ratio Lower Upper

41 100

69 0.0 63.8 95.6#

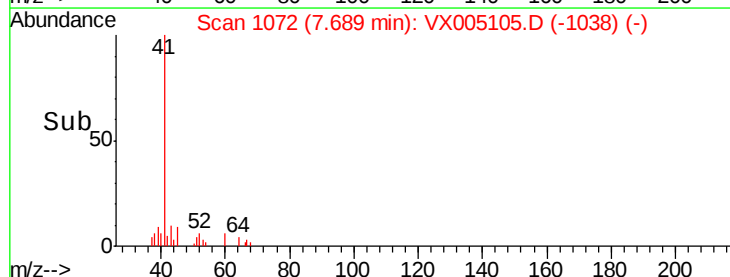
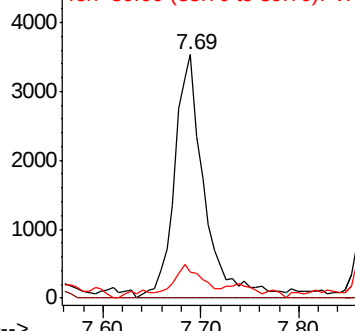
39 11.0 40.7 61.1#

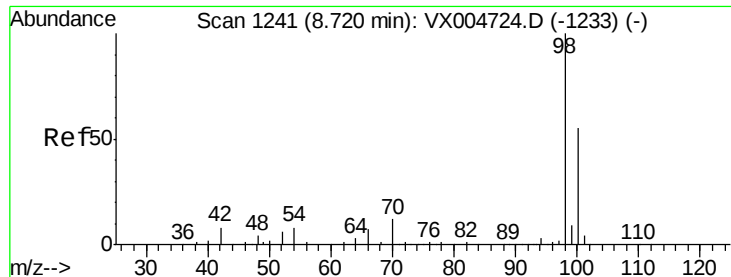


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 51.784 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

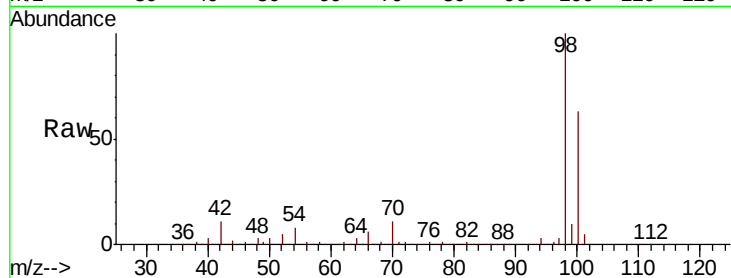
OK-01-100318

Tot Ion: 98 Resp: 475912

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

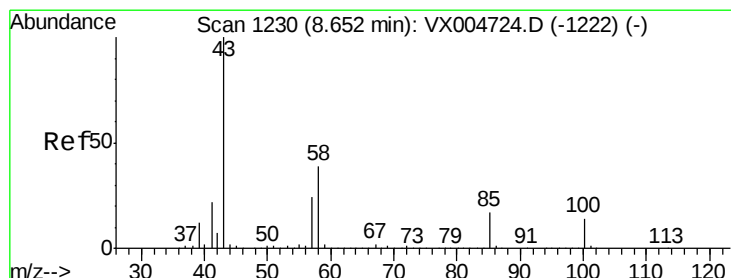
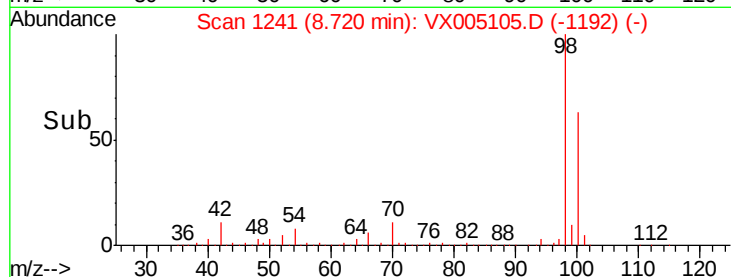
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.529 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.03 min

Lab File: VX005105.D

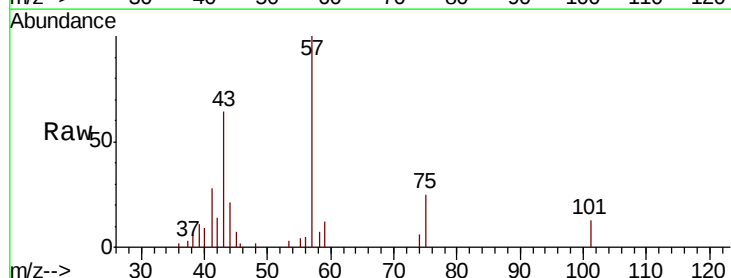
Acq: 06 Oct 2018 09:33

Tgt Ion: 43 Resp: 2409

Ion Ratio Lower Upper

43 100

58 0.0 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

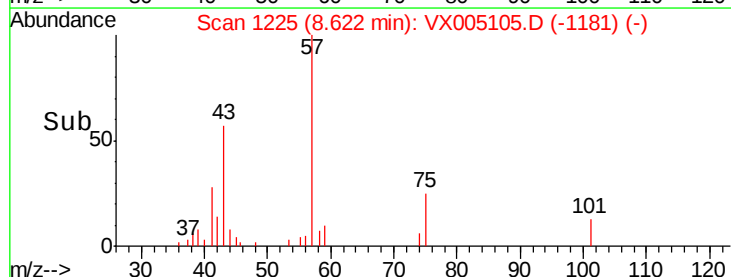
1500

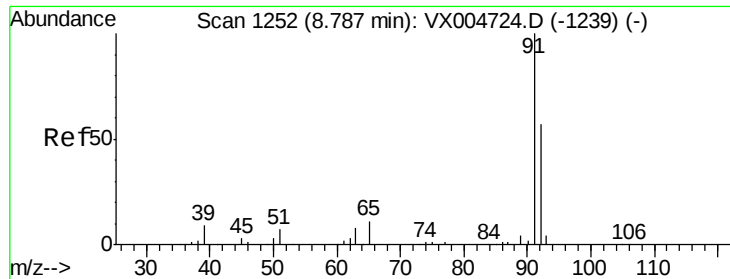
1000

500

0

Time-->





#52

Toluene

Concen: 0.884 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

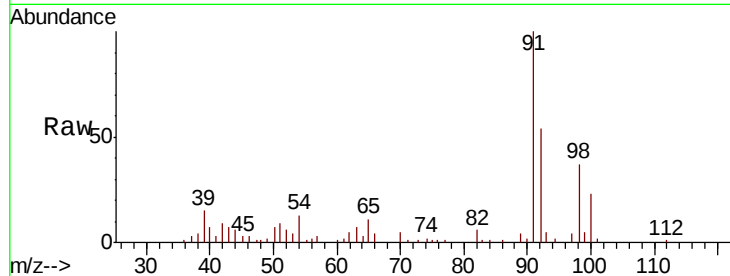
OK-01-100318

Tot Ion: 92 Resp: 5735

Ion Ratio Lower Upper

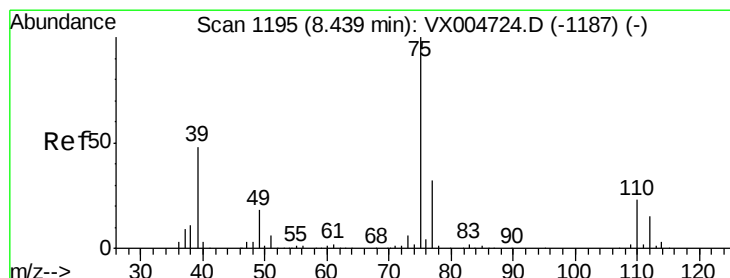
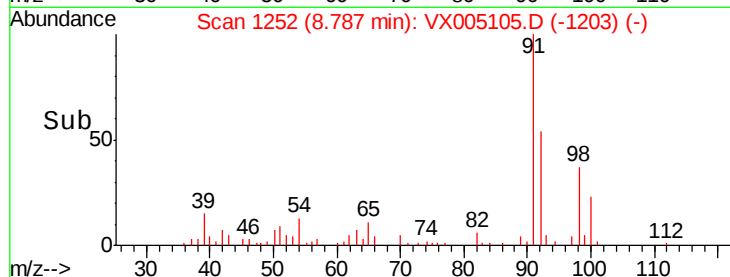
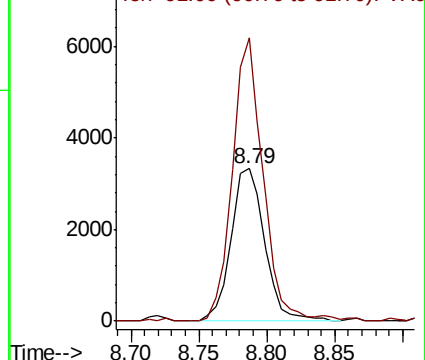
92 100

91 170.1 136.7 205.1



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: 0.249 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

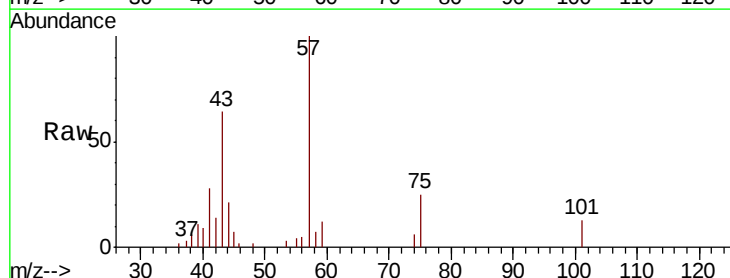
Tgt Ion: 75 Resp: 1004

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

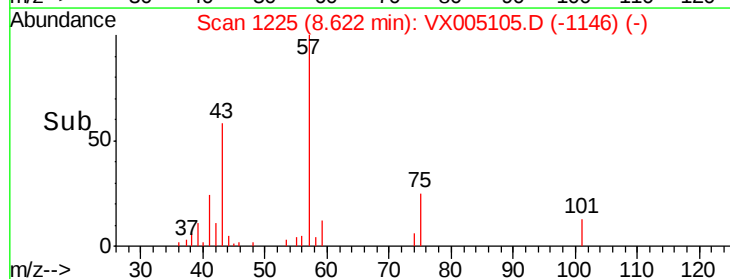
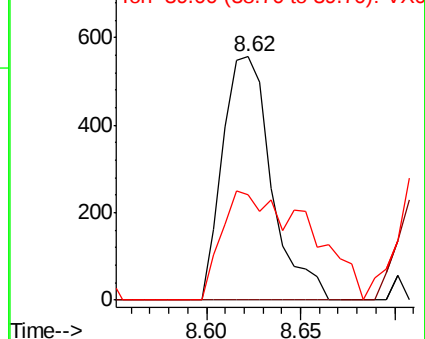
39 43.4 38.3 57.5

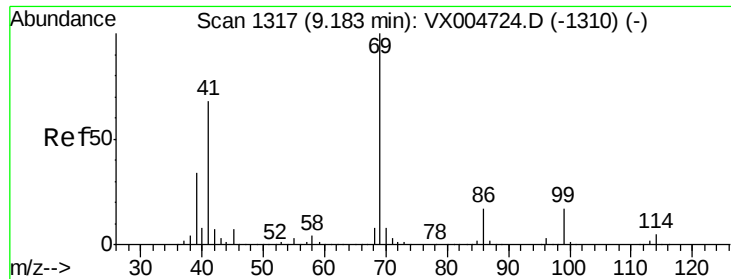


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 2.890 ug/l

RT: 9.38 min Scan# 1349

Delta R.T. 0.20 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

OK-01-100318

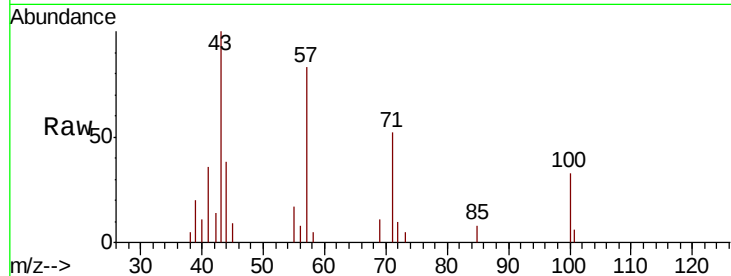
Tot Ion: 69 Resp: 136

Ion Ratio Lower Upper

69 100

41 405.1 56.9 85.3#

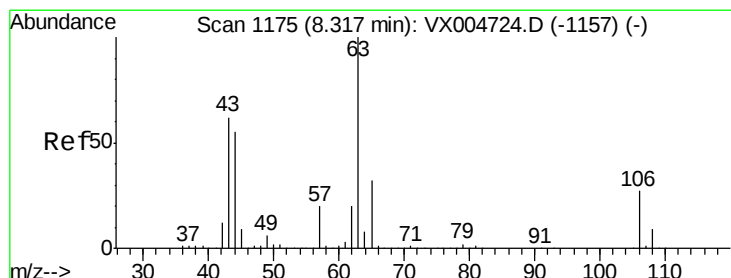
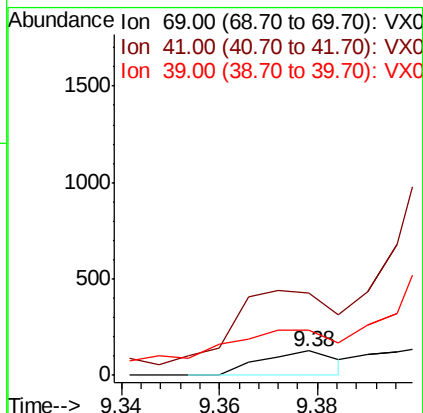
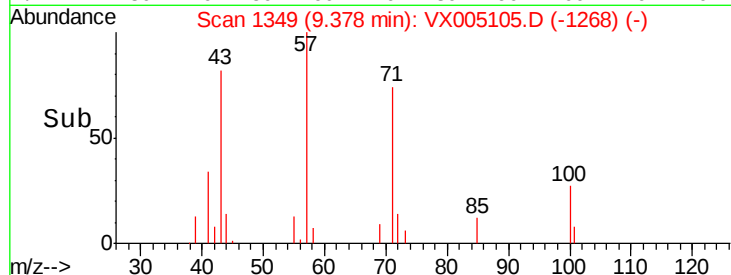
39 337.5 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.250 ug/l

RT: 8.27 min Scan# 1168

Delta R.T. -0.04 min

Lab File: VX005105.D

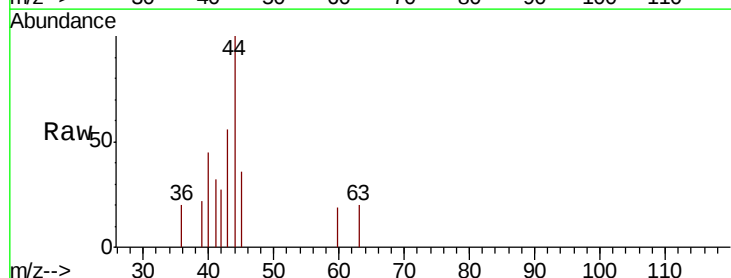
Acq: 06 Oct 2018 09:33

Tgt Ion: 63 Resp: 21

Ion Ratio Lower Upper

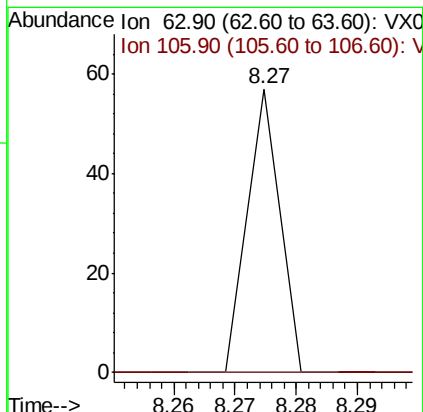
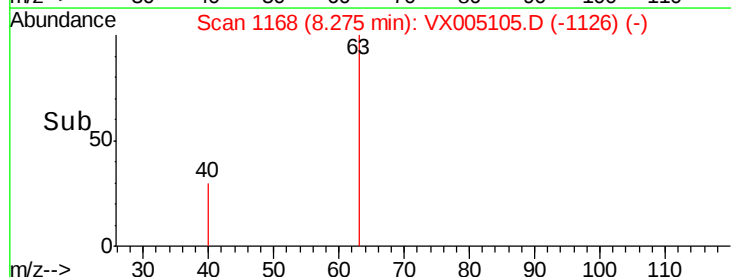
63 100

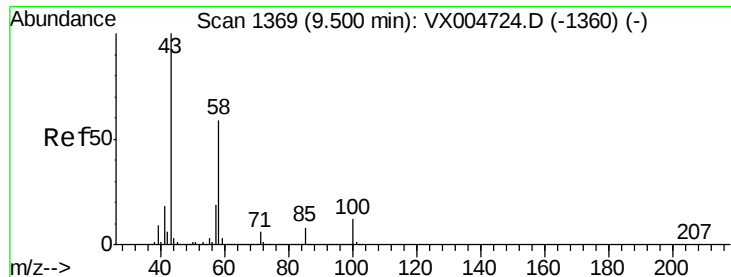
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

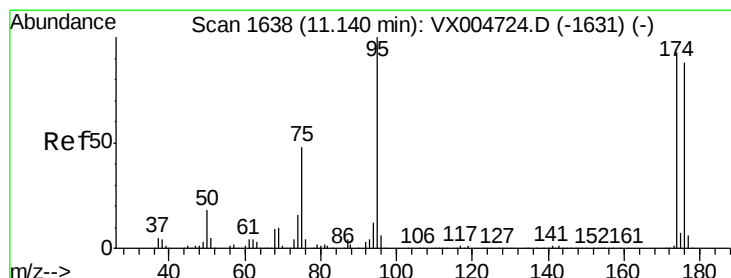
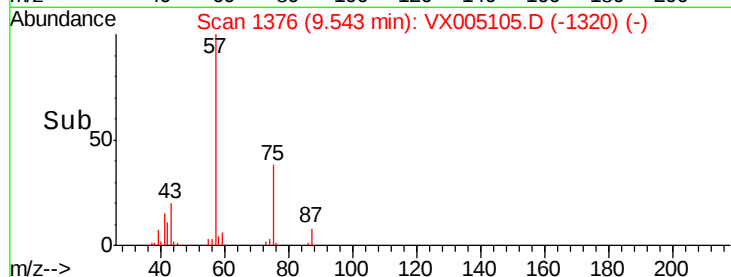
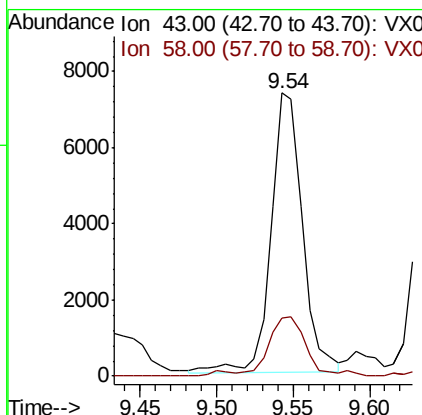
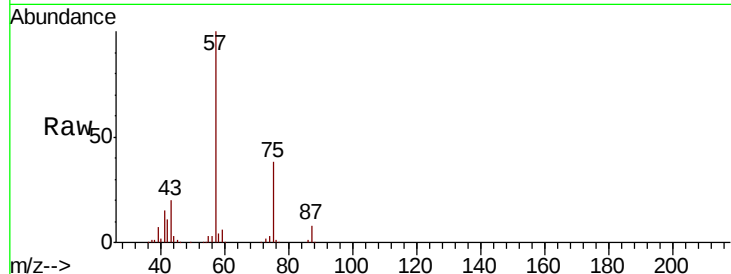




#59
2-Hexanone
Concen: 2.767 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

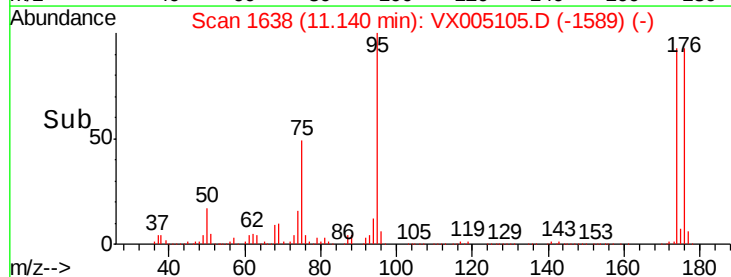
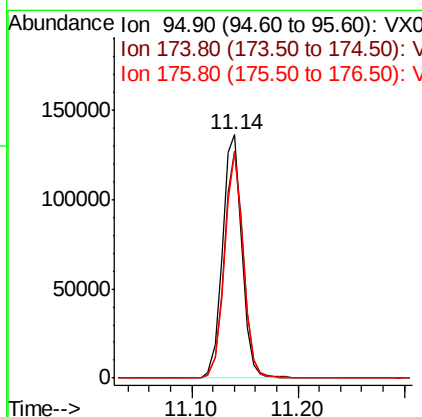
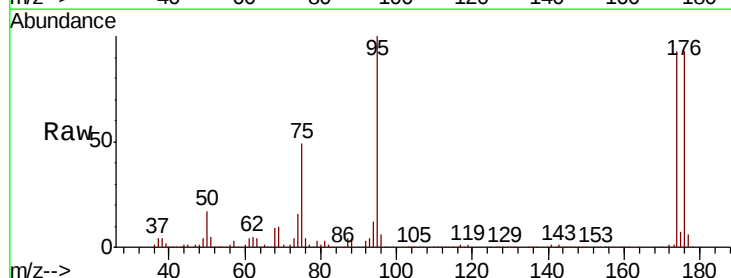
Instrument :
MSVOA_X
ClientSampleId :
OK-01-100318

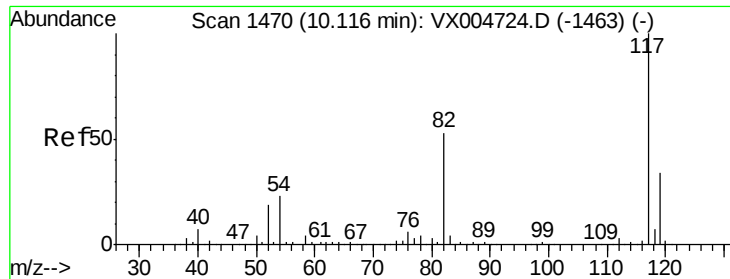
Tot Ion: 43 Resp: 10490
Ion Ratio Lower Upper
43 100
58 25.5 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 52.477 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

Tgt Ion: 95 Resp: 173746
Ion Ratio Lower Upper
95 100
174 92.7 0.0 185.0
176 89.3 0.0 180.2

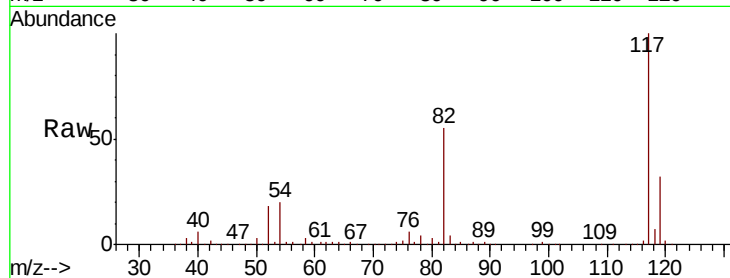




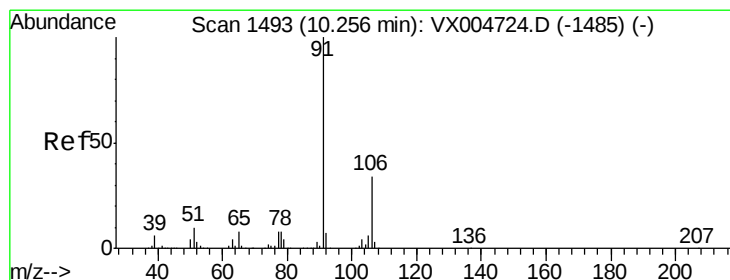
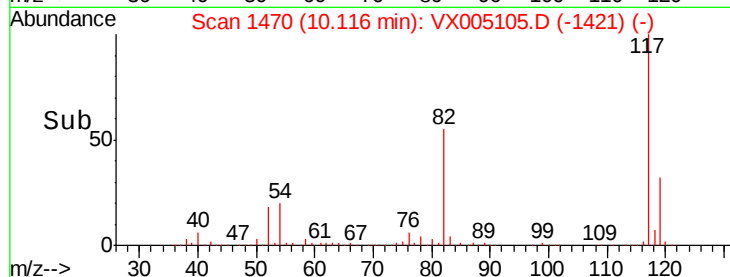
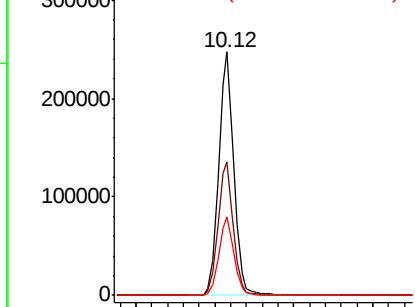
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

Instrument :
MSVOA_X
ClientSampleId :
OK-01-100318

Tot Ion:117 Resp: 329420
Ion Ratio Lower Upper
117 100
82 54.9 42.2 63.4
119 32.3 27.4 41.0

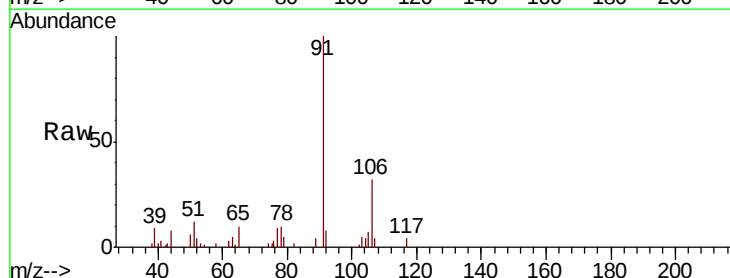


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

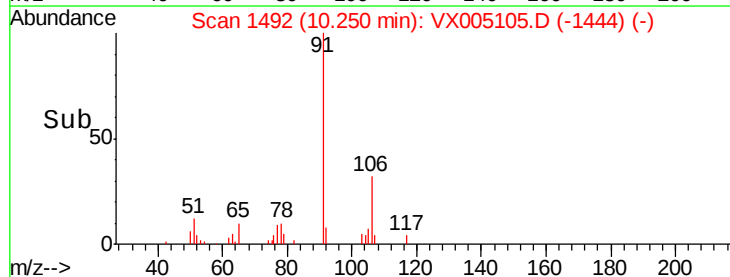
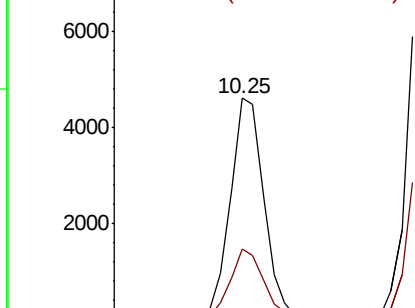


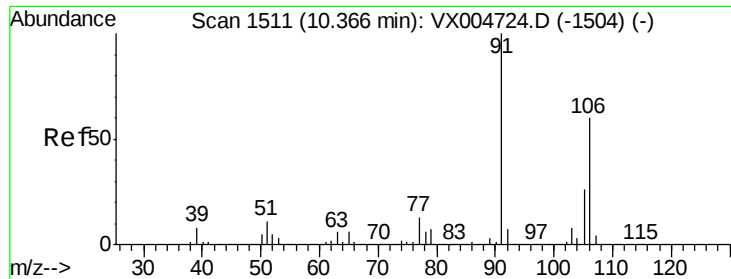
#67
Ethyl Benzene
Concen: 0.474 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

Tgt Ion: 91 Resp: 6361
Ion Ratio Lower Upper
91 100
106 31.9 26.9 40.3



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

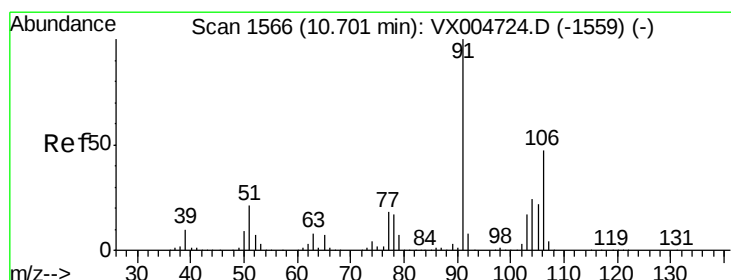
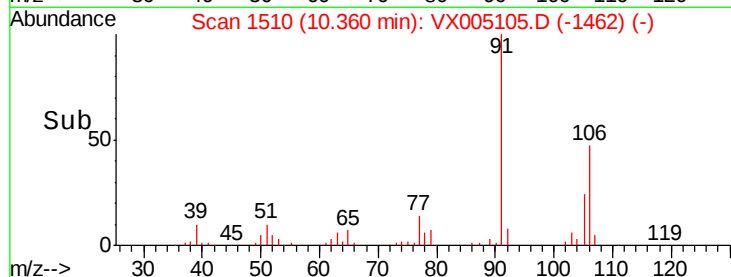
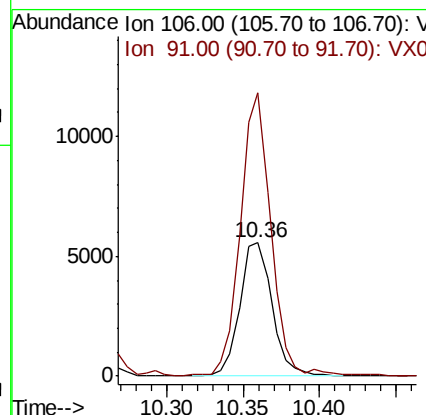
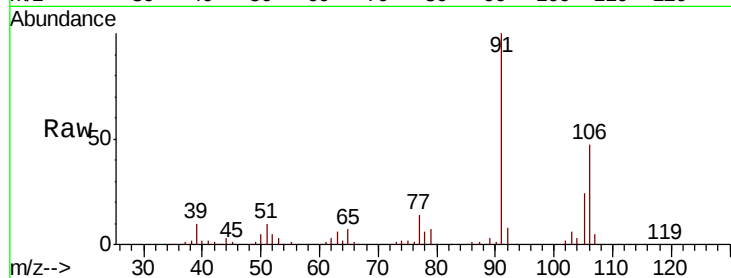




#68
m/p-Xvlenes
Concen: 1.549 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

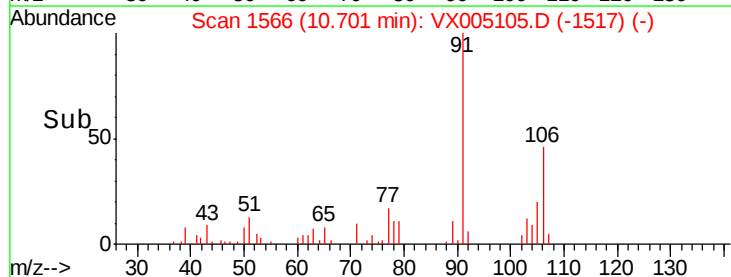
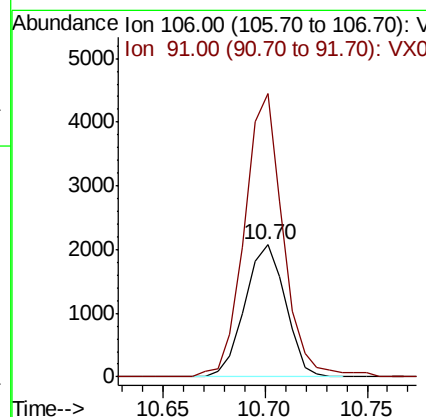
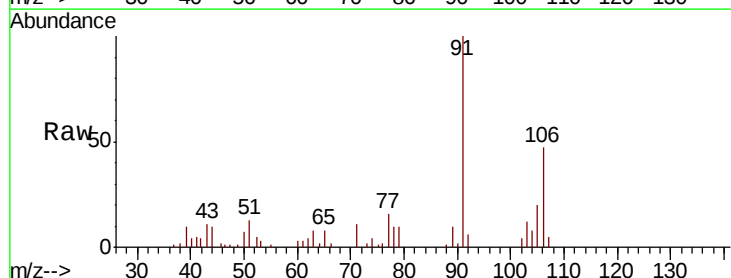
Instrument :
MSVOA_X
ClientSampleId :
OK-01-100318

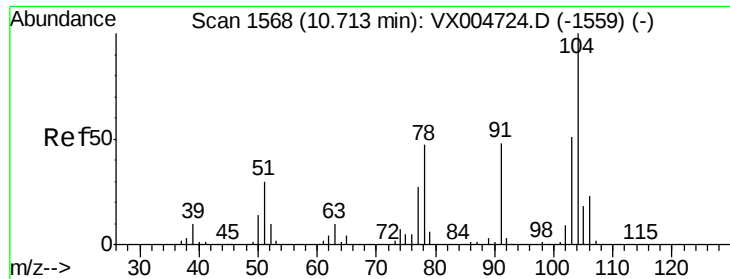
Tot Ion:106 Resp: 8119
Ion Ratio Lower Upper
106 100
91 201.3 157.5 236.3



#69
o-Xylene
Concen: 0.594 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

Tgt Ion:106 Resp: 2859
Ion Ratio Lower Upper
106 100
91 204.4 108.3 324.8

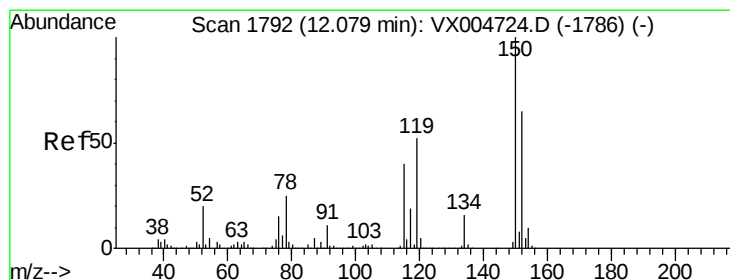
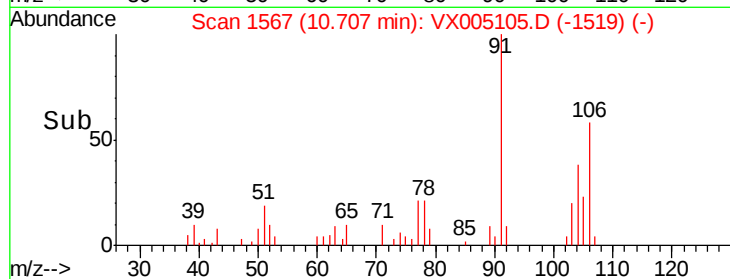
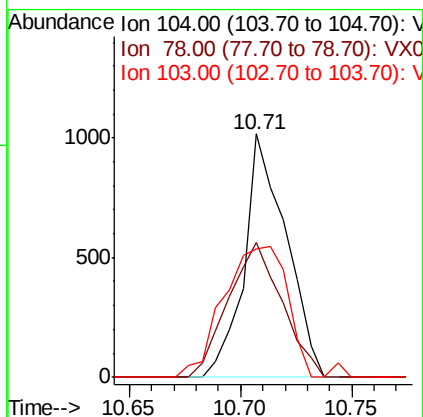
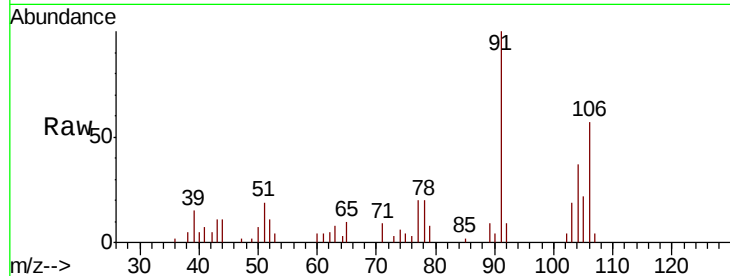




#70
Stvrene
Concen: 2.282 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

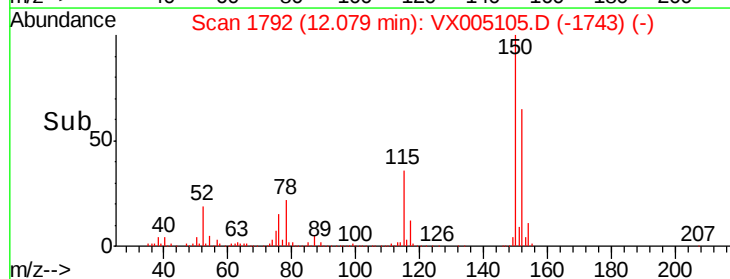
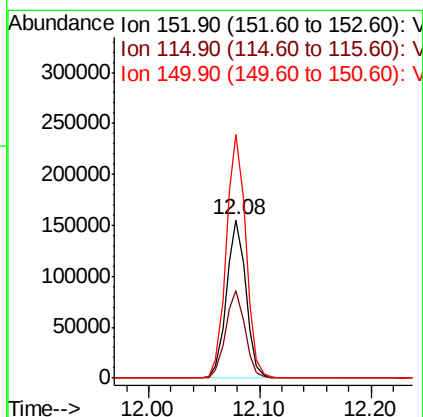
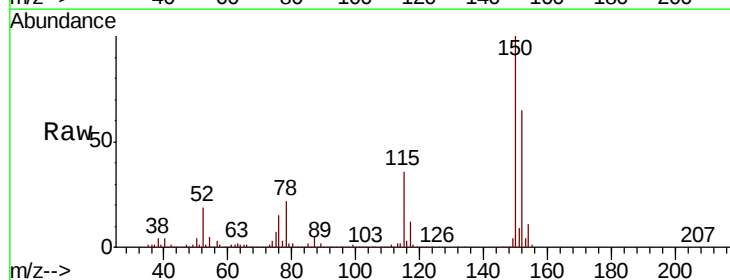
Instrument :
MSVOA_X
ClientSampled :
OK-01-100318

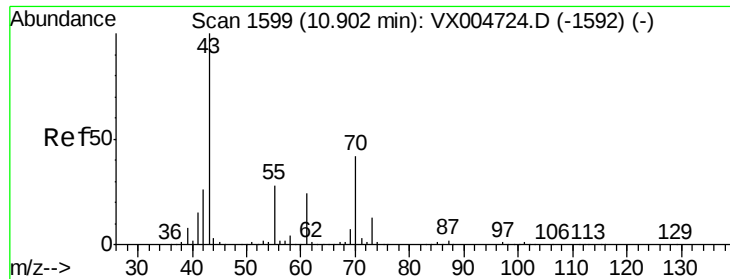
Tot Ion:104 Resp: 1333
Ion Ratio Lower Upper
104 100
78 70.9 40.0 60.0#
103 81.7 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

Tgt Ion:152 Resp: 186270
Ion Ratio Lower Upper
152 100
115 55.2 40.2 120.6
150 155.8 0.0 351.0





#74

N-amvl acetate

Concen: 1.774 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

OK-01-100318

Tot Ion: 43 Resp: 175

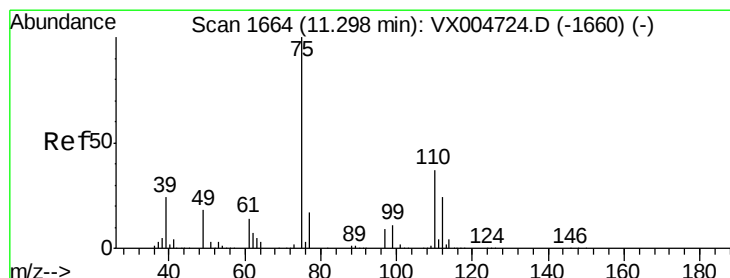
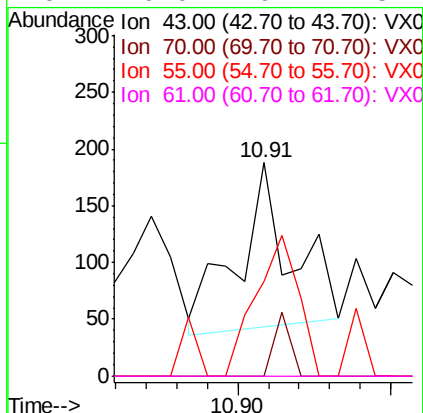
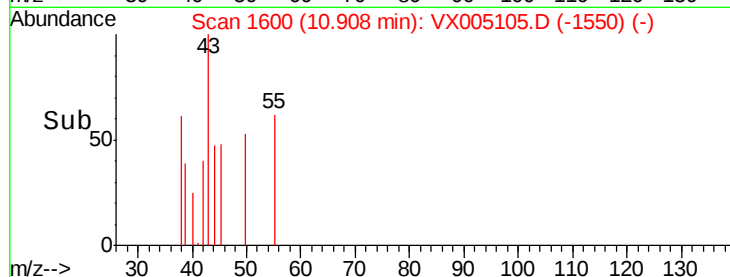
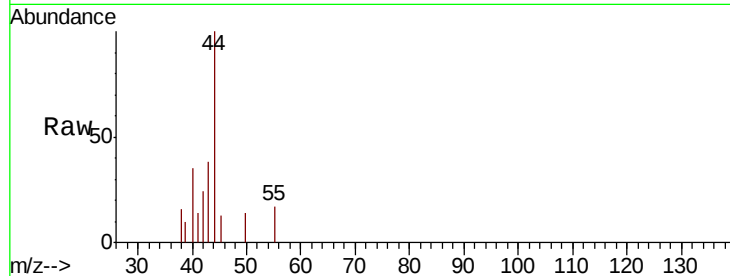
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 69.1 21.6 32.4#

61 0.0 19.1 28.7#



#76

1,2,3-Trichloropropane

Concen: 20.871 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005105.D

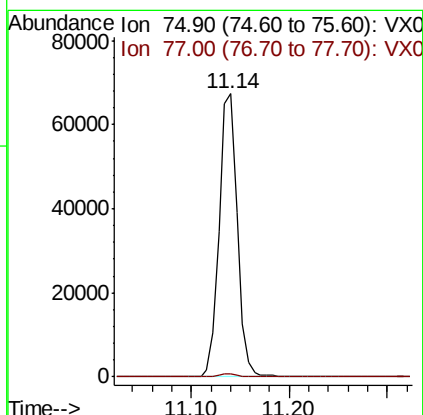
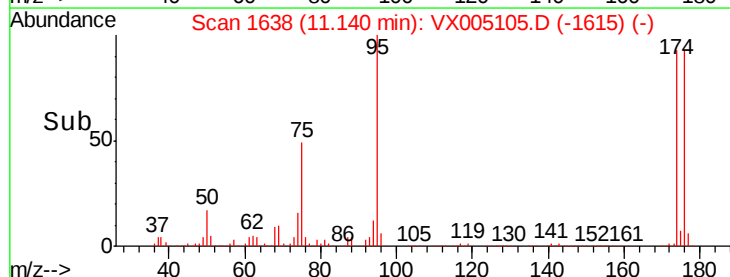
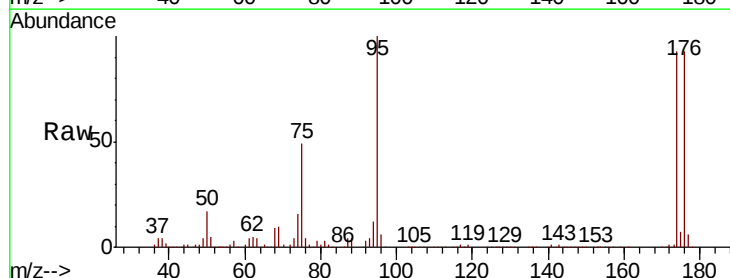
Acq: 06 Oct 2018 09:33

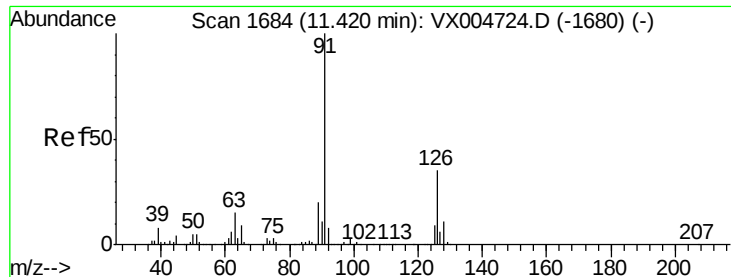
Tgt Ion: 75 Resp: 87136

Ion Ratio Lower Upper

75 100

77 1.3 21.4 64.3#





#79

2-Chlorotoluene

Concen: 0.215 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

Instrument :

MSVOA_X

ClientSampled :

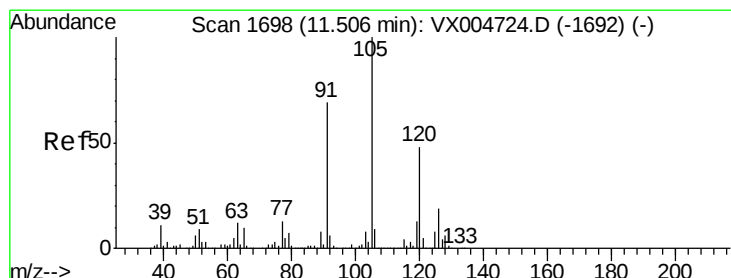
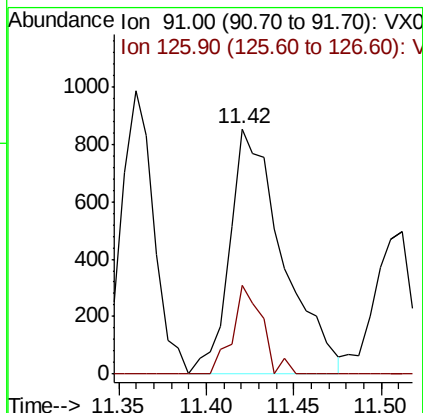
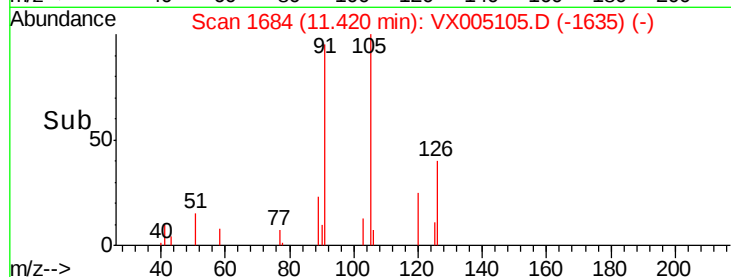
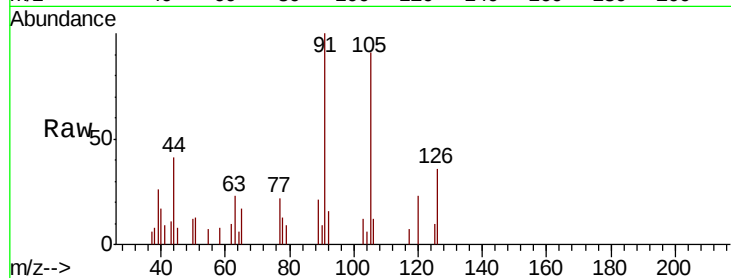
OK-01-100318

Tot Ion: 91 Resp: 1802

Ion Ratio Lower Upper

91 100

126 20.2 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 0.272 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005105.D

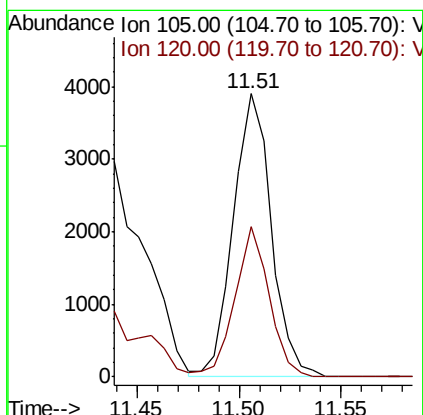
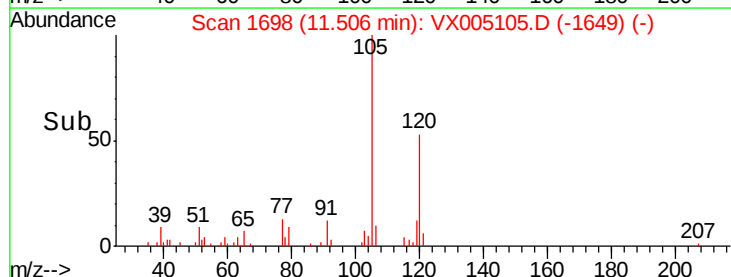
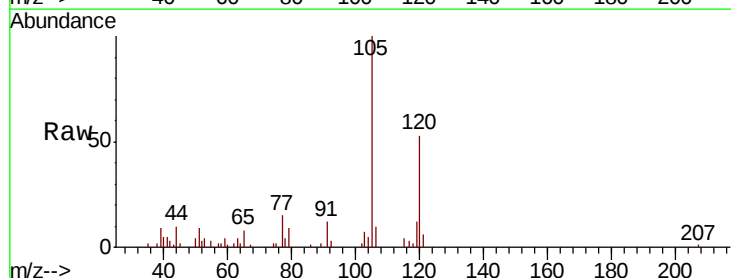
Acq: 06 Oct 2018 09:33

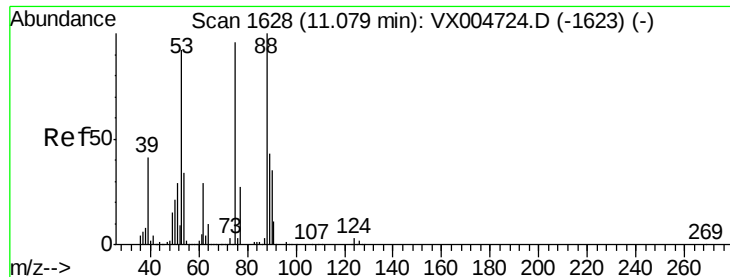
Tgt Ion: 105 Resp: 5040

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.8

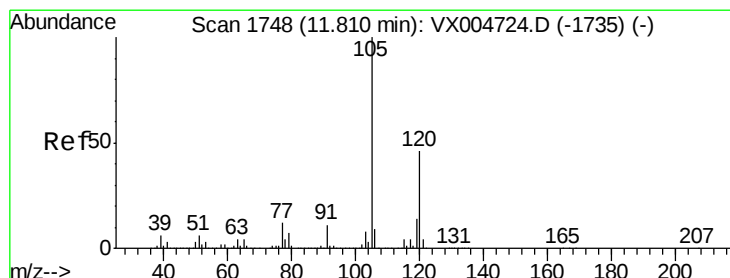
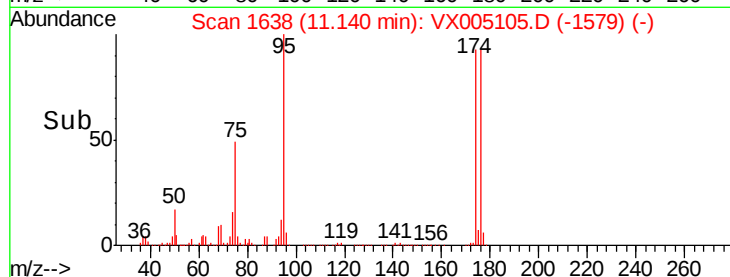
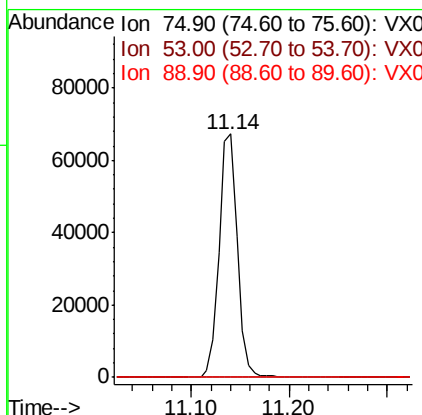
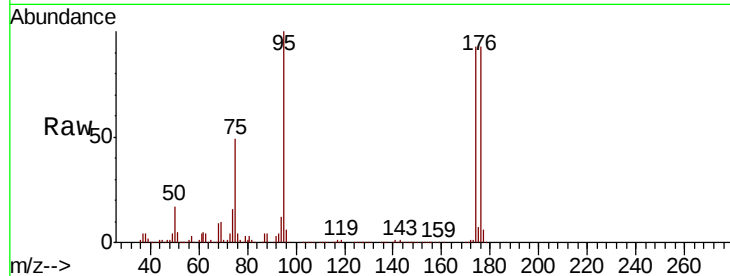




#81
trans-1,4-Dichloro-2-butene
Concen: 56.648 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

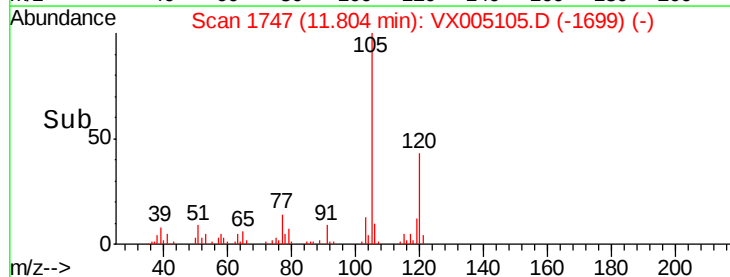
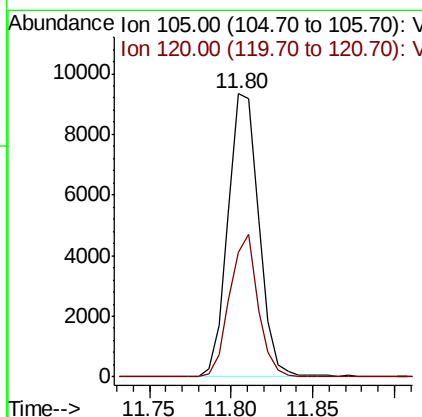
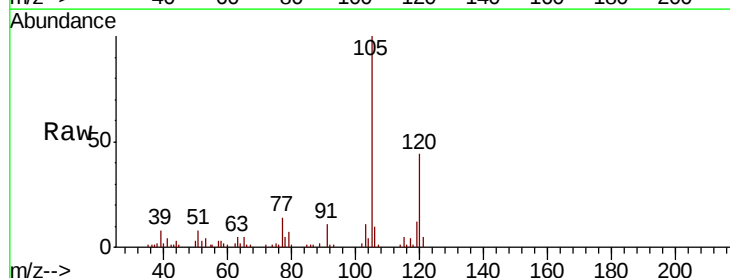
Instrument :
MSVOA_X
ClientSampleId :
OK-01-100318

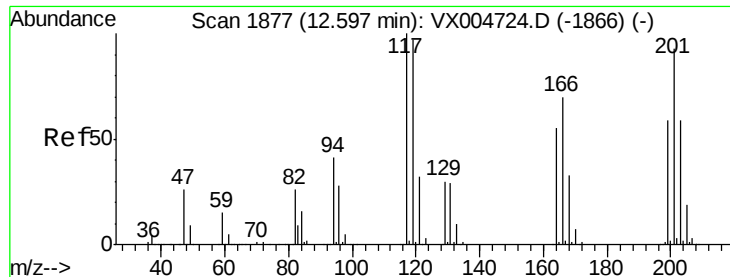
Tot Ion: 75 Resp: 87136
Ion Ratio Lower Upper
75 100
53 0.3 80.2 120.4#
89 0.0 37.1 55.7#



#84
1,2,4-Trimethylbenzene
Concen: 0.918 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX005105.D
Acq: 06 Oct 2018 09:33

Tgt Ion: 105 Resp: 12342
Ion Ratio Lower Upper
105 100
120 45.7 22.8 68.3





#90

Hexachloroethane

Concen: 0.257 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

Instrument :

MSVOA_X

ClientSampled :

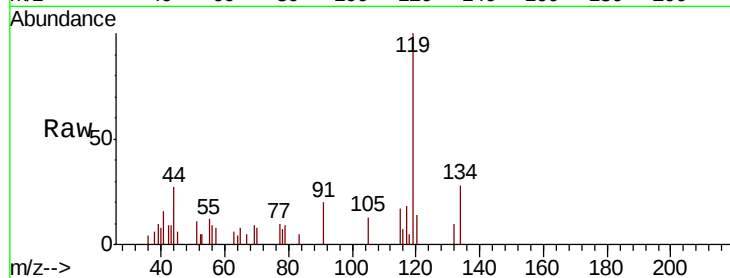
OK-01-100318

Tot Ion:117 Resp: 457

Ion Ratio Lower Upper

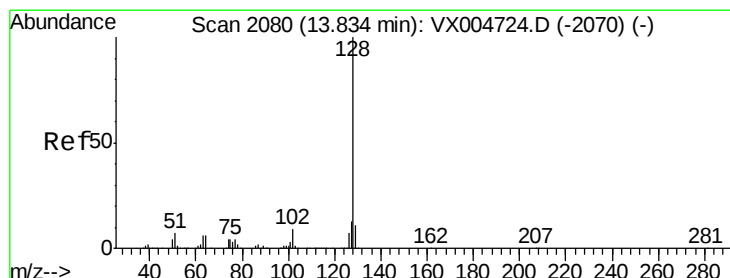
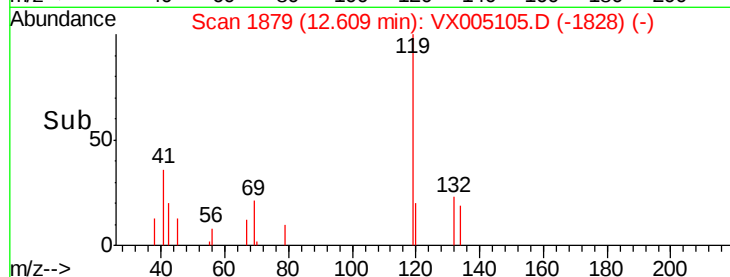
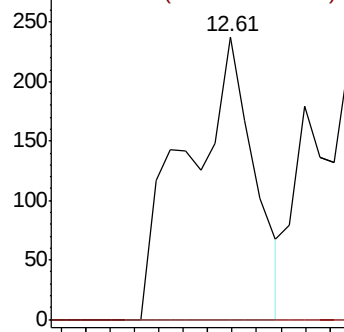
117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 45.192 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005105.D

Acq: 06 Oct 2018 09:33

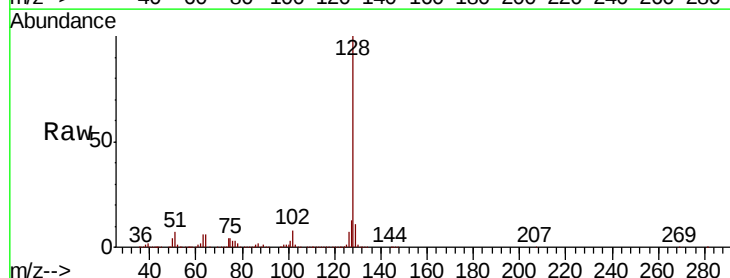
Tgt Ion:128 Resp: 699122

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.7 13.1



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

