

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007082.D
 Acq On : 17 Jan 2019 12:16
 Operator : JC/SP
 Sample : K1010-05
 Misc : 4.67µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-011519-BME

Quant Time: Jan 18 04:47:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	509405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	767749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	723887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	409063	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	267620	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	5.51	113	224327	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
50) Toluene-d8	8.71	98	910250	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.14	95	351376	56.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.02%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	2476	0.442	ug/l #	76
11) Tert butyl alcohol	3.03	59	5623	4.478	ug/l #	78
13) Acrolein	2.29	56	92	3.252	ug/l #	1
18) Methyl Acetate	2.81	43	12472	1.636	ug/l #	86
20) Methylene Chloride	2.84	84	4303	0.297	ug/l #	83
21) trans-1,2-Dichloroethene	3.17	96	1268	0.243	ug/l #	59
36) 1,1-Dichloropropene	5.66	75	30671	4.595	ug/l #	50
38) Carbon Tetrachloride	5.65	117	45961	6.844	ug/l #	15
39) Methylcyclohexane	7.46	83	2189	0.257	ug/l #	75
49) 1,4-Dioxane	7.77	88	118	Below Cal	#	1
52) Toluene	8.78	92	5672	0.433	ug/l	83
67) Ethyl Benzene	10.25	91	42295	1.623	ug/l	98
68) m/p-Xylenes	10.36	106	107550	10.473	ug/l	100
69) o-Xylene	10.70	106	73479	7.337	ug/l	99
70) Styrene	10.71	104	5042	0.318	ug/l #	1
73) Isopropylbenzene	11.02	105	91565	3.174	ug/l	94
74) N-amyl acetate	10.91	43	61460	5.292	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	51149	5.586	ug/l #	26
76) 1,2,3-Trichloropropane	11.43	75	8646	1.043	ug/l #	1
78) n-propylbenzene	11.36	91	330819	10.447	ug/l	98
79) 2-Chlorotoluene	11.43	91	126450	6.634	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	509938	21.158	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	164281	59.066	ug/l #	13
82) 4-Chlorotoluene	11.77	91	10556	0.478	ug/l	87
83) tert-Butylbenzene	11.77	119	19081	0.793	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1992336	82.204	ug/l	99
85) sec-Butylbenzene	11.94	105	327813	11.415	ug/l	80
86) p-Isopropyltoluene	12.07	119	311081	12.110	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1739	0.272	ug/l #	1
89) n-Butylbenzene	12.39	91	702671	32.088	ug/l #	60
90) Hexachloroethane	12.61	117	53533	15.203	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.02	75	5892	3.253	ug/l #	29
93) 1,2,4-Trichlorobenzene	13.65	180	2801	0.288	ug/l #	1
95) Naphthalene	13.83	128	883850	29.989	ug/l #	94

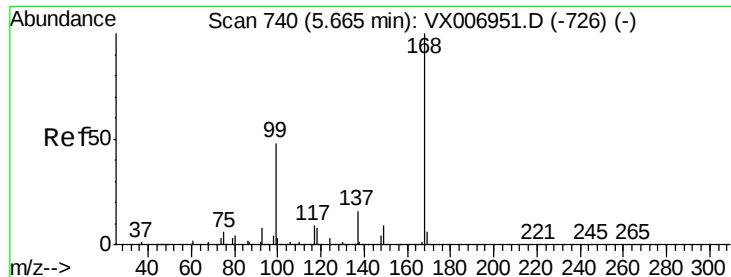
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011719\
Data File : VX007082.D
Acq On : 17 Jan 2019 12:16
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.04	180	11833	1.225	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

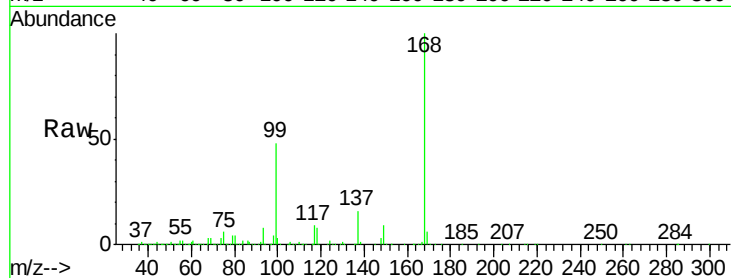
OK-01-011519-BME

Tot Ion:168 Resp: 509405

Ion Ratio Lower Upper

168 100

99 47.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

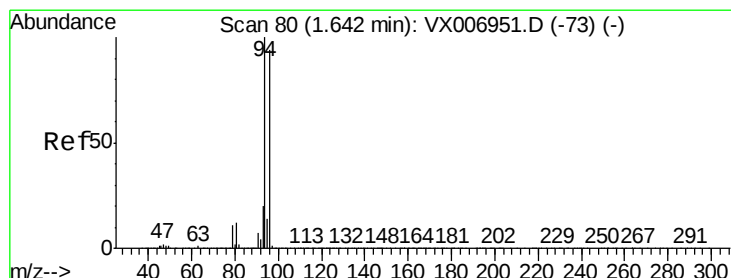
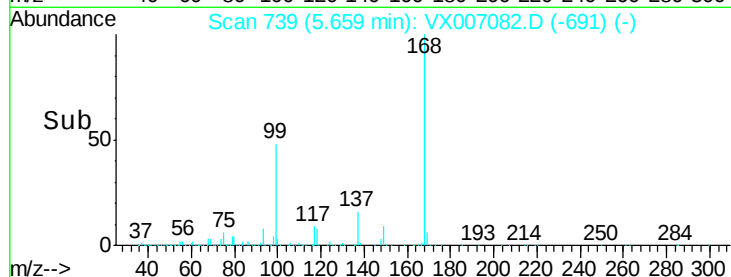
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.442 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007082.D

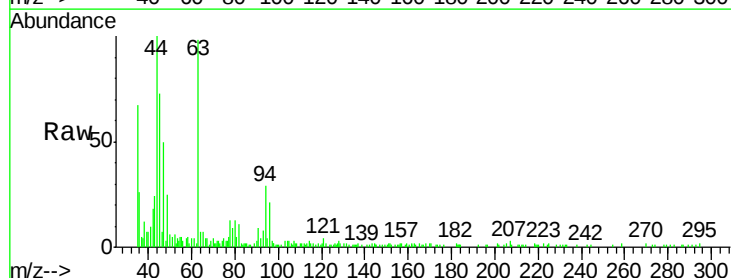
Acq: 17 Jan 2019 12:16

Tgt Ion: 94 Resp: 2476

Ion Ratio Lower Upper

94 100

96 68.6 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

2000

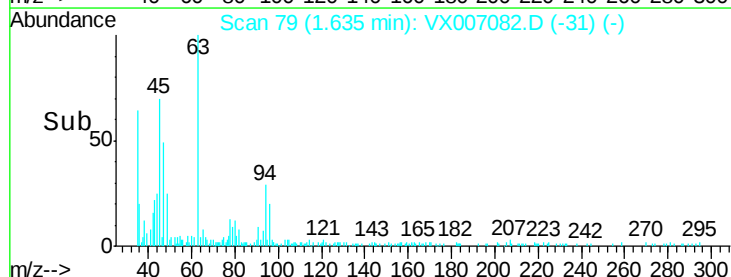
1500

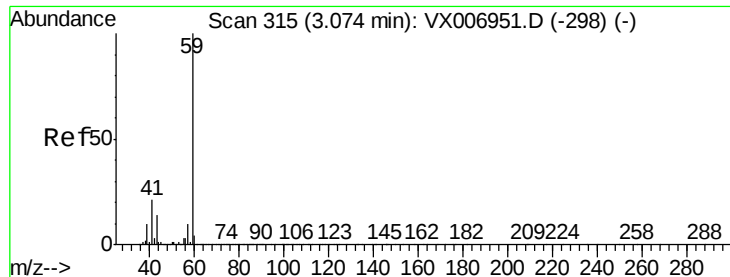
1000

500

0

Time--> 1.60 1.65



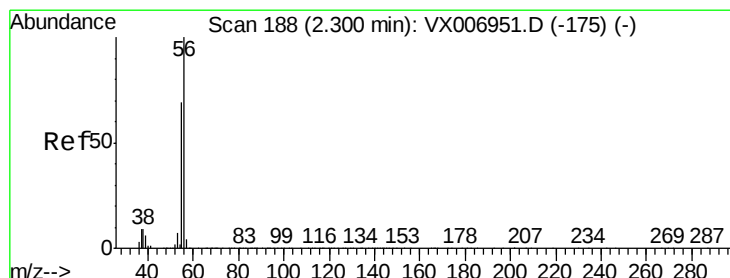
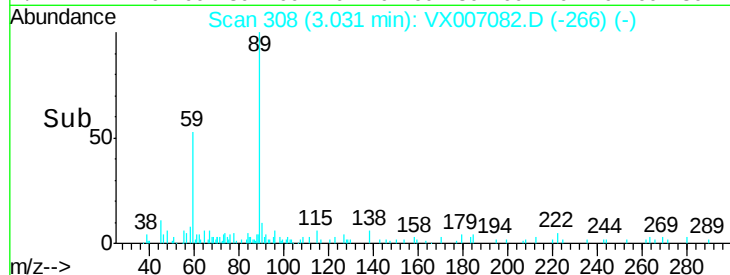
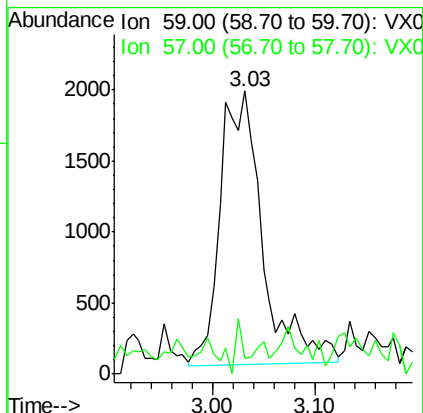
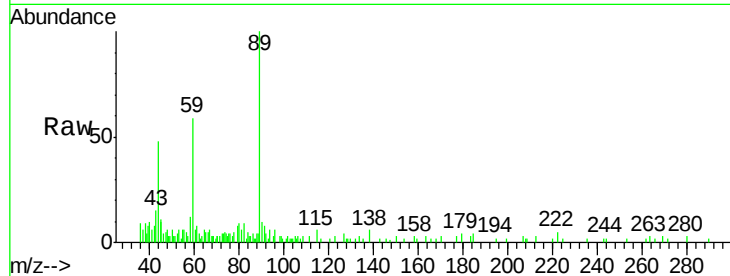


#11

Tert butyl alcohol
Concen: 4.478 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.04 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-BME

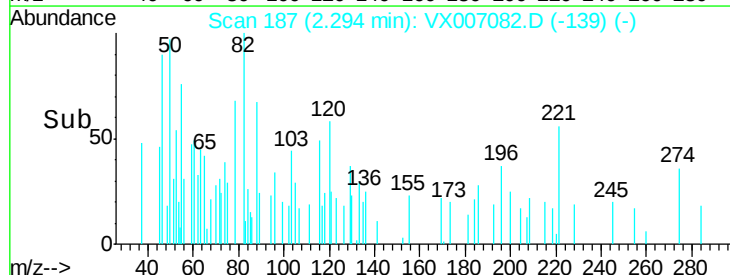
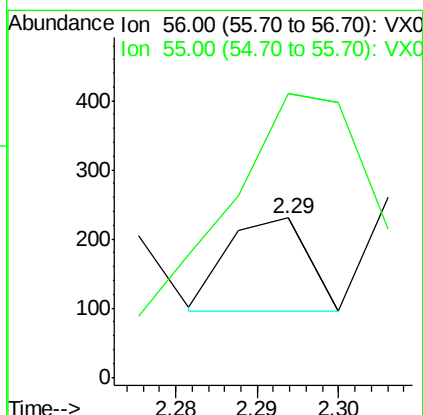
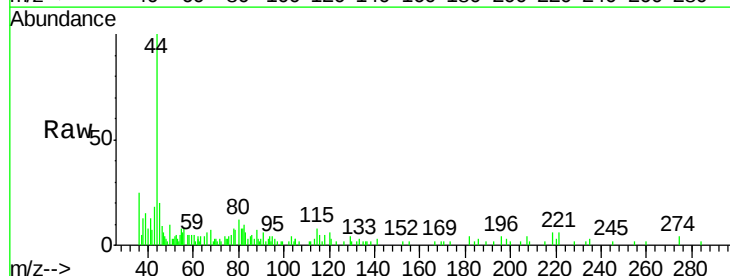
Tot Ion: 59 Resp: 5623
Ion Ratio Lower Upper
59 100
57 2.5 8.5 12.7#

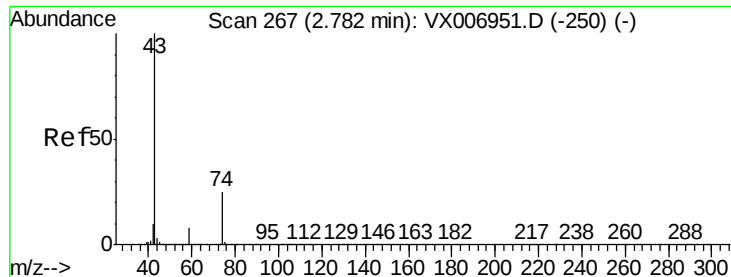


#13

Acrolein
Concen: 3.252 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Tgt Ion: 56 Resp: 92
Ion Ratio Lower Upper
56 100
55 429.3 58.2 87.4#

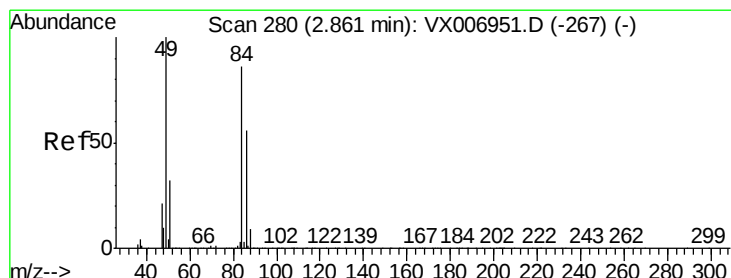
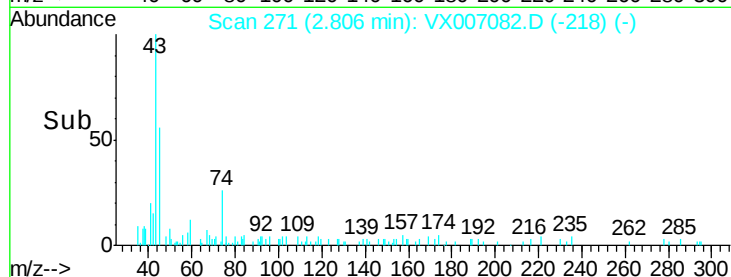
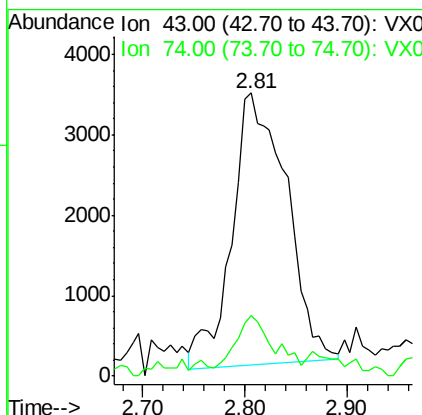
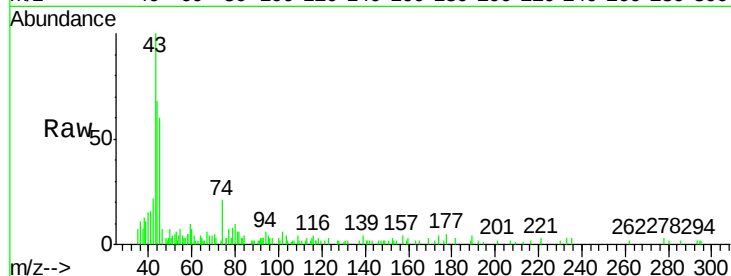




#18
Methyl Acetate
Concen: 1.636 ug/l
RT: 2.81 min Scan# 271
Delta R.T. 0.02 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

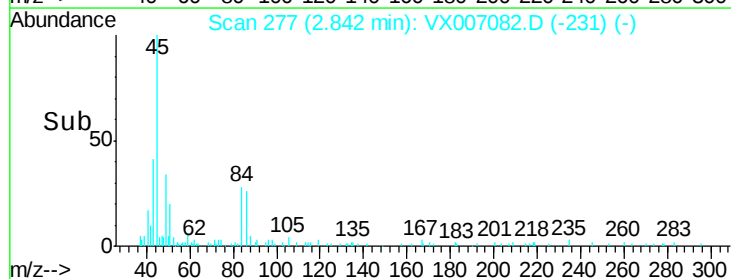
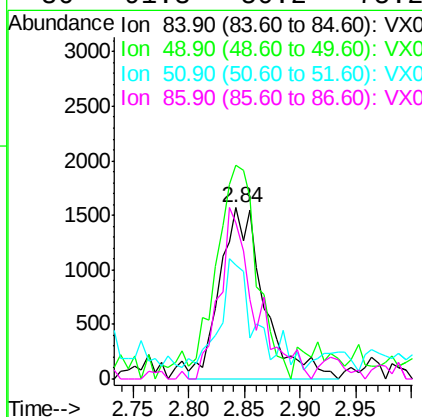
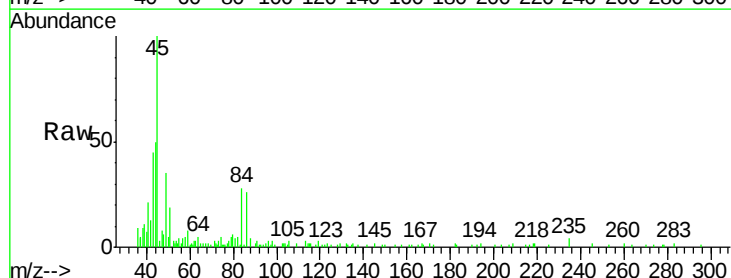
Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-BME

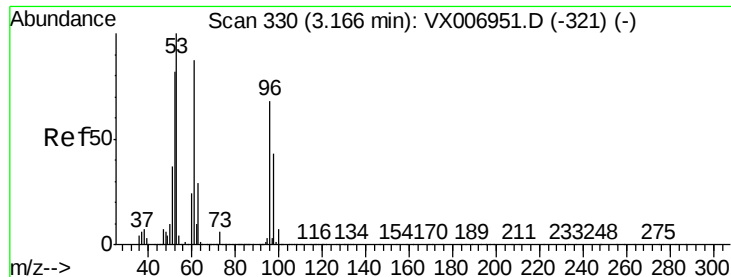
Tot Ion: 43 Resp: 12472
Ion Ratio Lower Upper
43 100
74 16.4 18.6 28.0#



#20
Methylene Chloride
Concen: 0.297 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Tgt Ion: 84 Resp: 4303
Ion Ratio Lower Upper
84 100
49 112.9 91.8 137.6
51 54.4 28.5 42.7#
86 91.3 50.2 75.2#





#21

trans-1,2-Dichloroethene

Concen: 0.243 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

OK-01-011519-BME

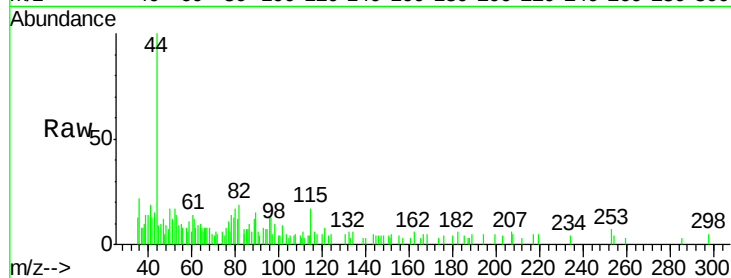
Tot Ion: 96 Resp: 1268

Ion Ratio Lower Upper

96 100

61 77.8 103.7 155.5#

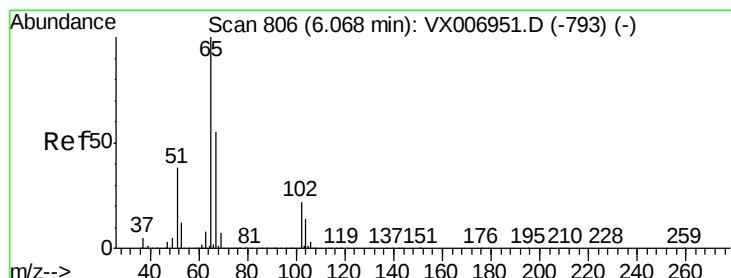
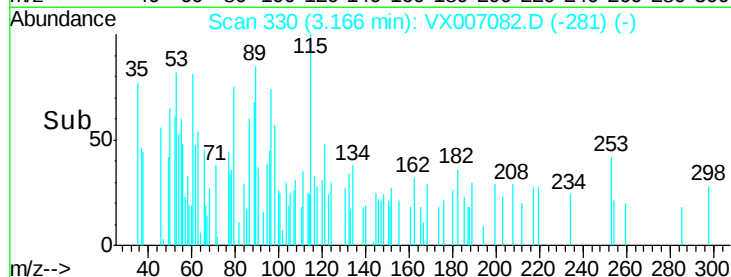
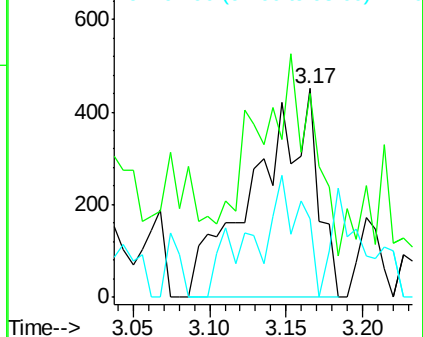
98 37.6 51.0 76.6#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.269 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007082.D

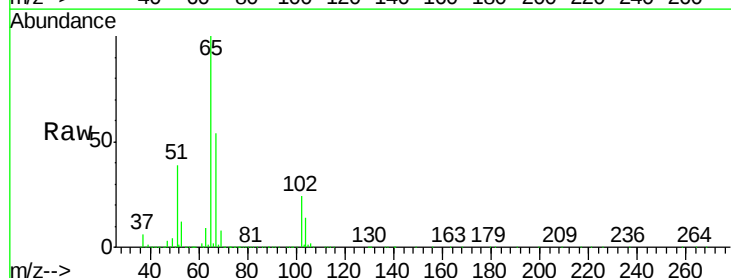
Acq: 17 Jan 2019 12:16

Tgt Ion: 65 Resp: 267620

Ion Ratio Lower Upper

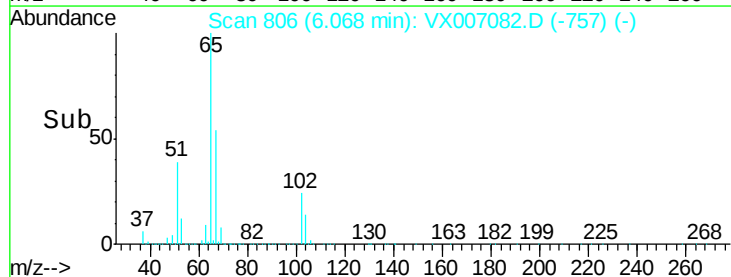
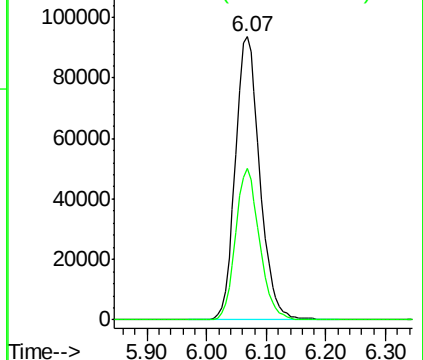
65 100

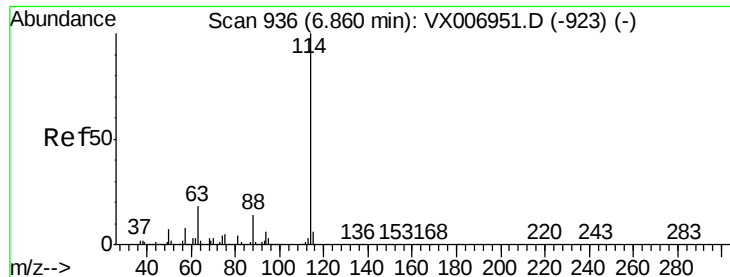
67 52.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

OK-01-011519-BME

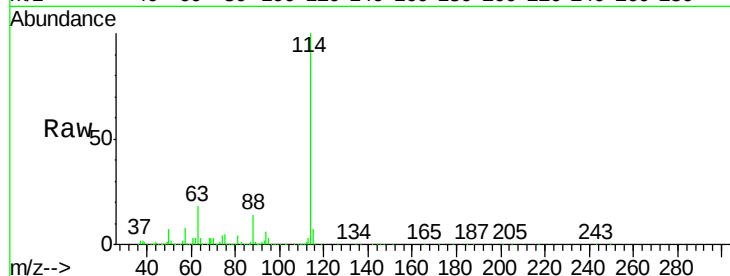
Tot Ion:114 Resp: 767749

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.1 0.0 28.8



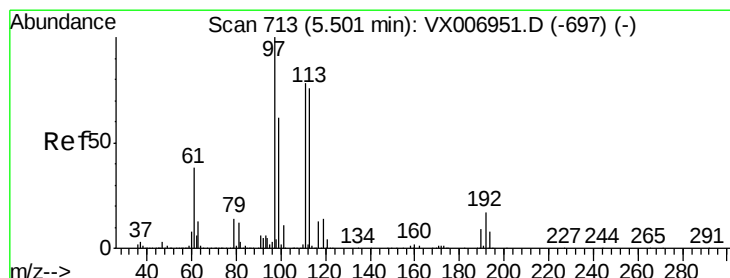
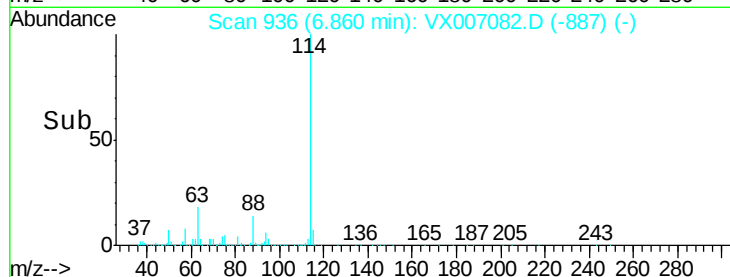
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

Time--> 6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 45.626 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

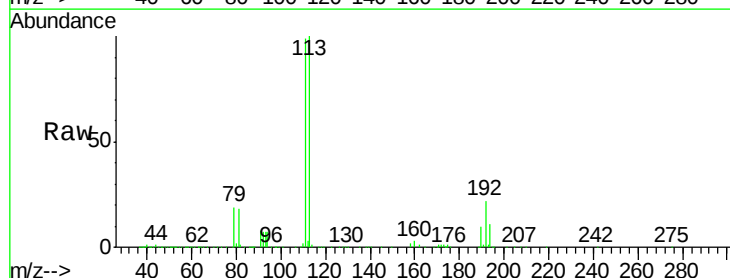
Tgt Ion:113 Resp: 224327

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

192 22.5 16.7 25.1



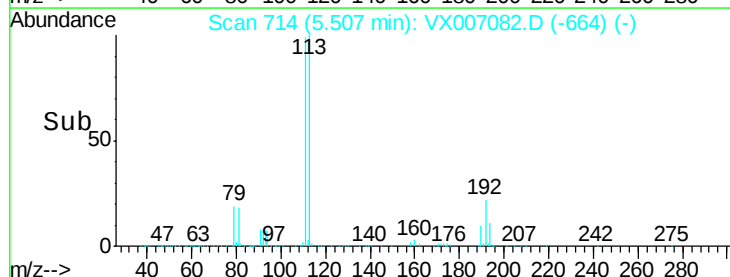
Abundance Ion 112.80 (112.50 to 113.50): V

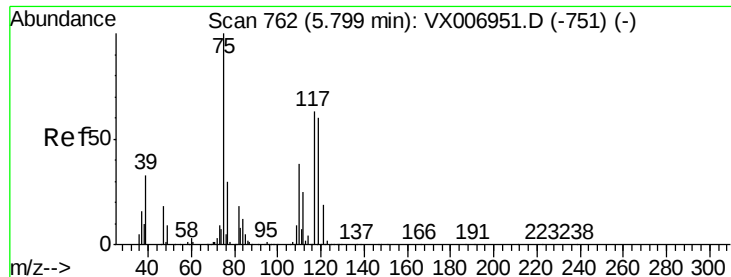
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.51

Time--> 5.40 5.50 5.60





#36

1,1-Dichloropropene

Concen: 4.595 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

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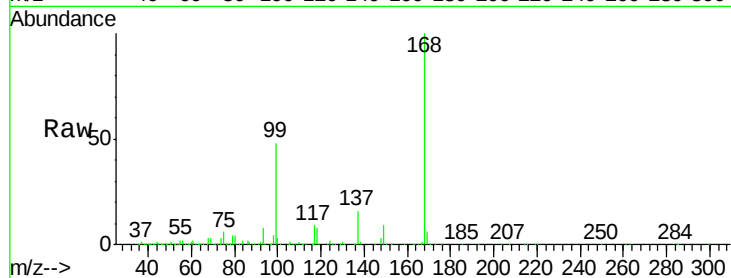
Tot Ion: 75 Resp: 30671

Ion Ratio Lower Upper

75 100

110 11.3 20.2 60.5#

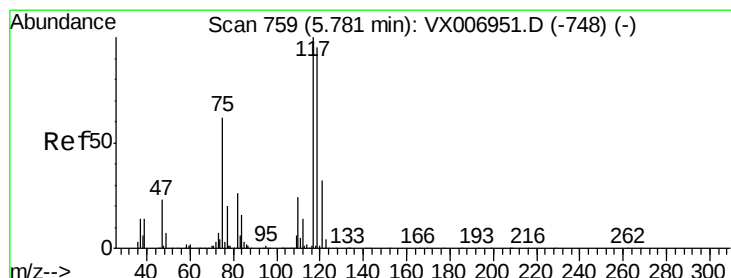
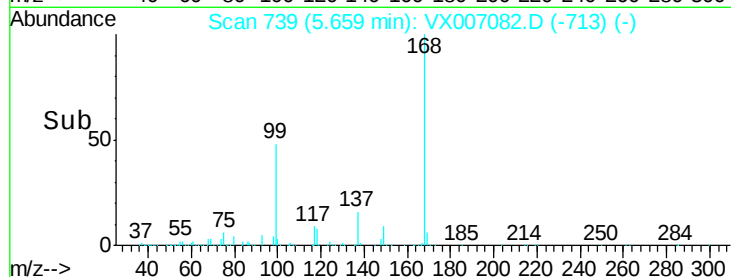
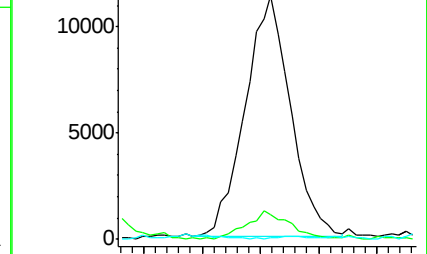
77 0.9 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX006951.D (-751) (-)

Ion 109.90 (109.60 to 110.60): VX006951.D (-751) (-)

Ion 76.90 (76.60 to 77.60): VX006951.D (-751) (-)



#38

Carbon Tetrachloride

Concen: 6.844 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

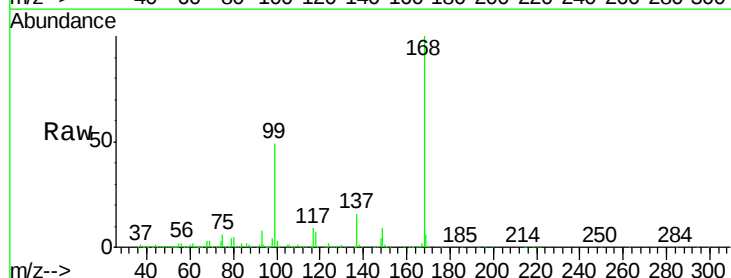
Tgt Ion: 117 Resp: 45961

Ion Ratio Lower Upper

117 100

119 5.1 79.4 119.2#

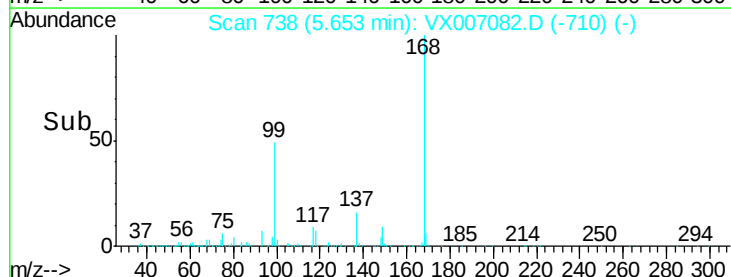
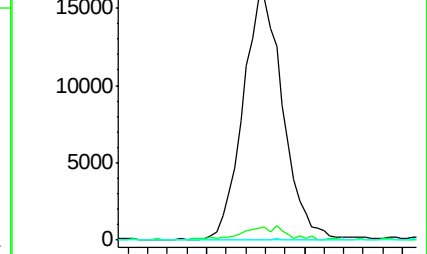
121 0.0 24.0 36.0#

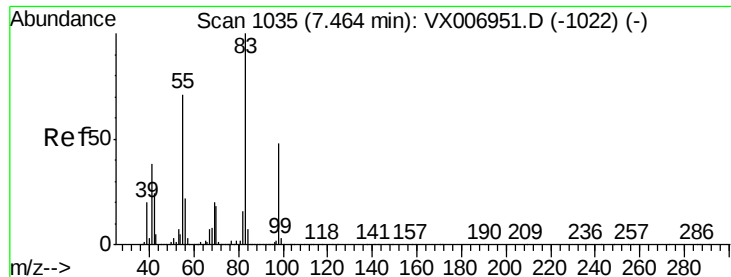


Abundance Ion 116.80 (116.50 to 117.50): VX006951.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX006951.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX006951.D (-748) (-)

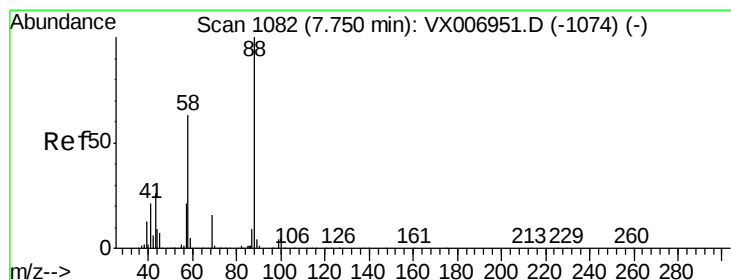
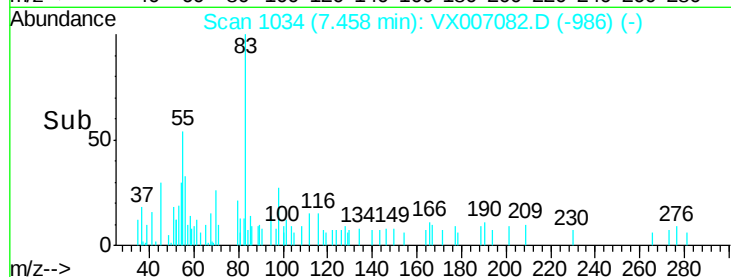
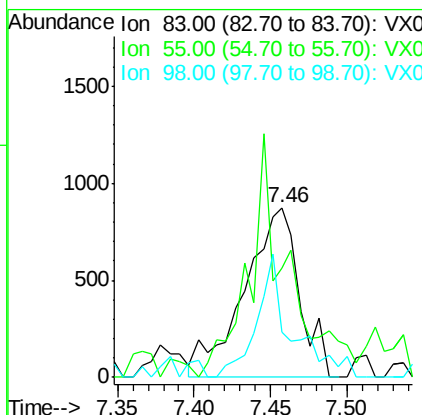
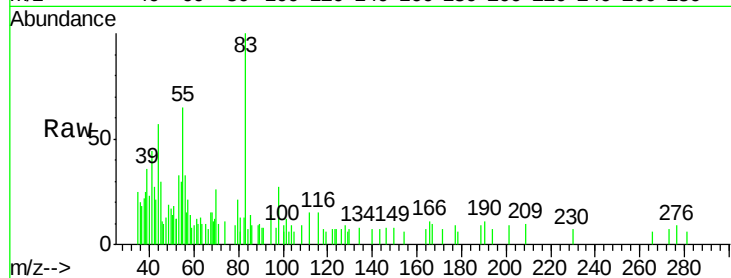




#39
Methvlcvclohexane
Concen: 0.257 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

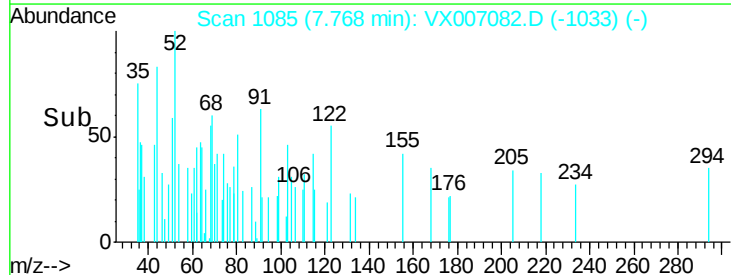
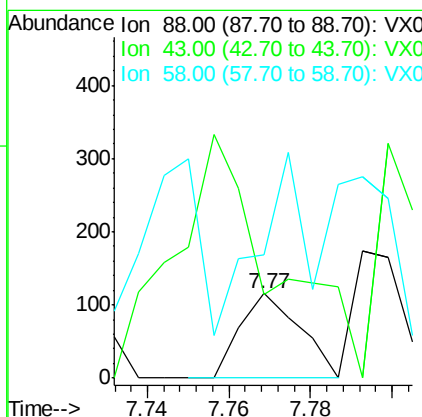
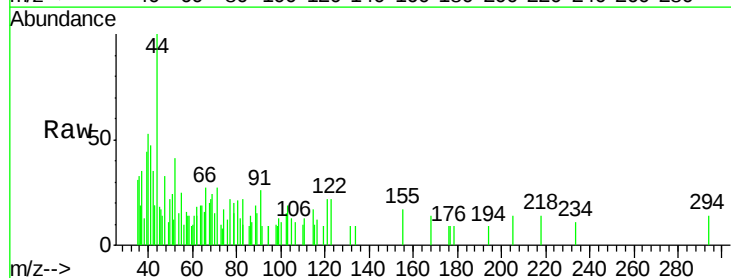
Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-BME

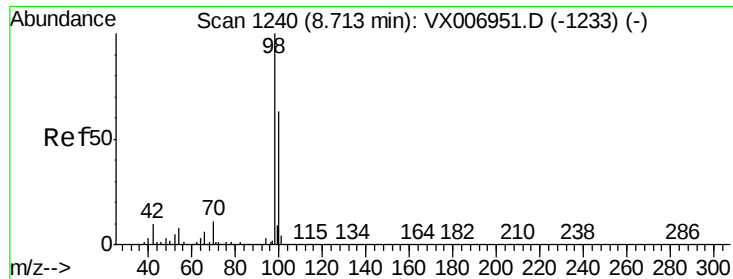
Tot Ion: 83 Resp: 2189
Ion Ratio Lower Upper
83 100
55 57.7 54.9 82.3
98 20.2 37.9 56.9#



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Tgt Ion: 88 Resp: 118
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.4#
58 188.1 51.0 76.4#

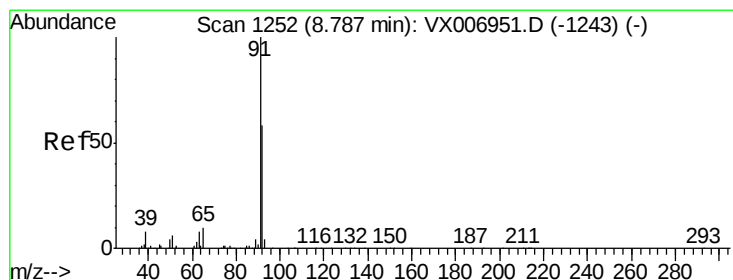
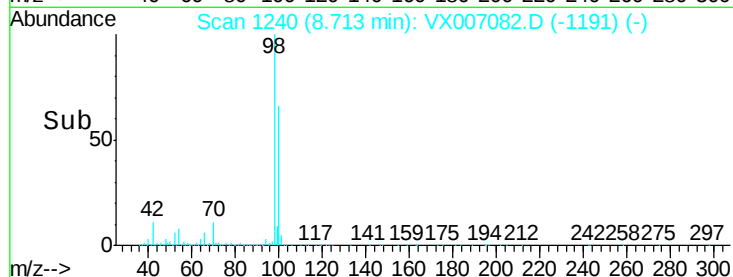
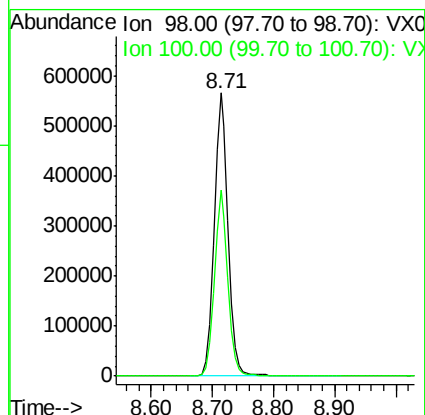
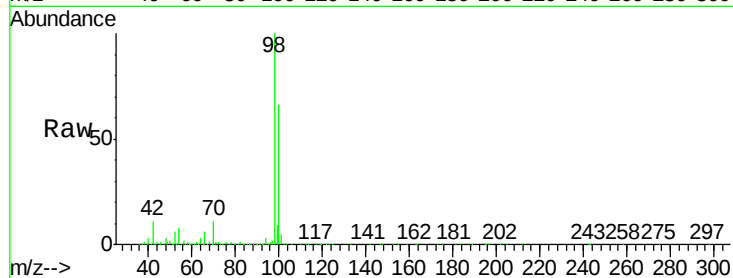




#50
Toluene-d8
Concen: 50.580 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

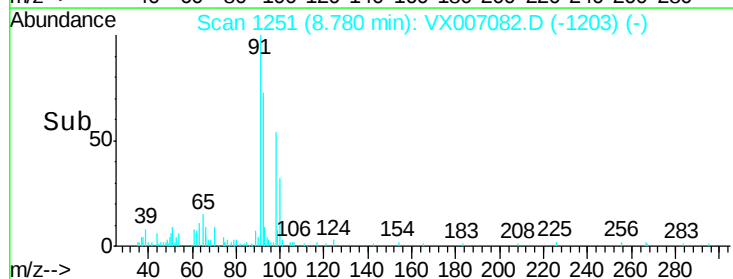
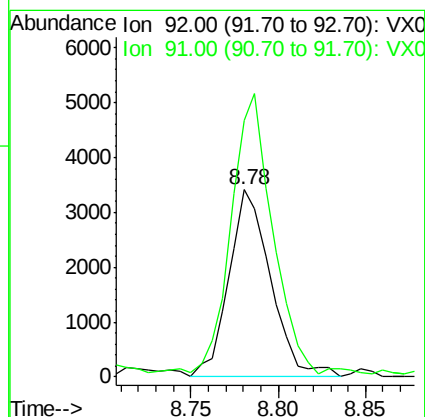
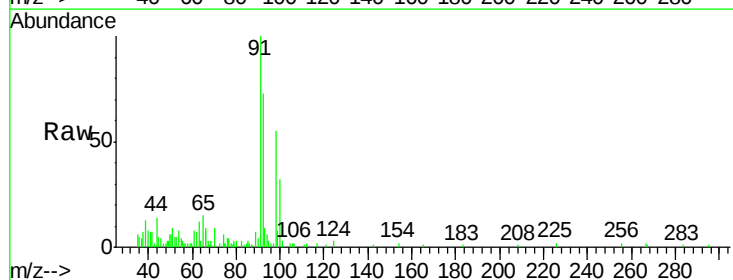
Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-BME

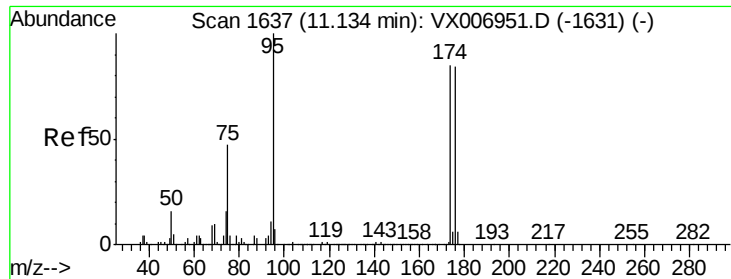
Tot Ion: 98 Resp: 910250
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#52
Toluene
Concen: 0.433 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Tgt Ion: 92 Resp: 5672
Ion Ratio Lower Upper
92 100
91 148.6 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 56.005 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

OK-01-011519-BME

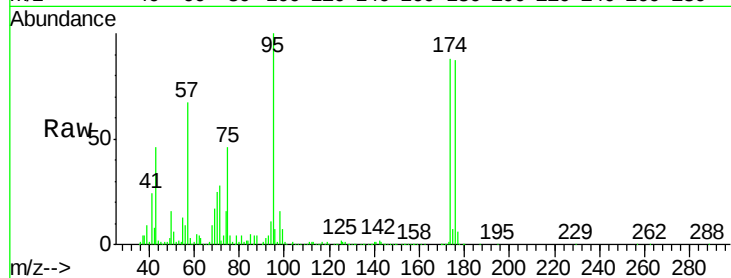
Tot Ion: 95 Resp: 351376

Ion Ratio Lower Upper

95 100

174 91.9 0.0 182.2

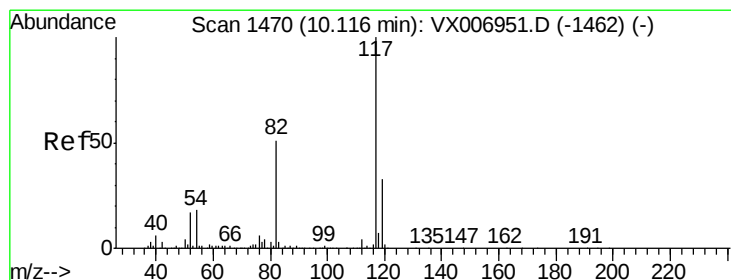
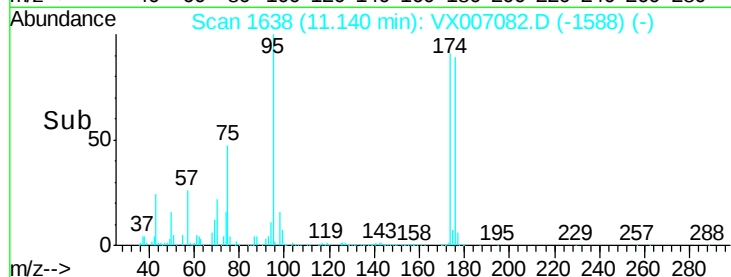
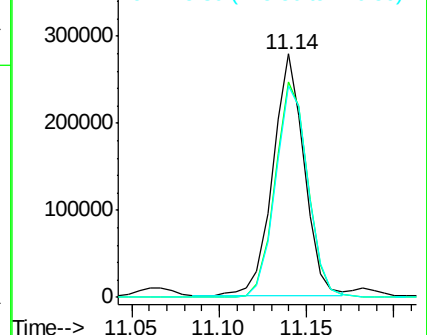
176 90.5 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

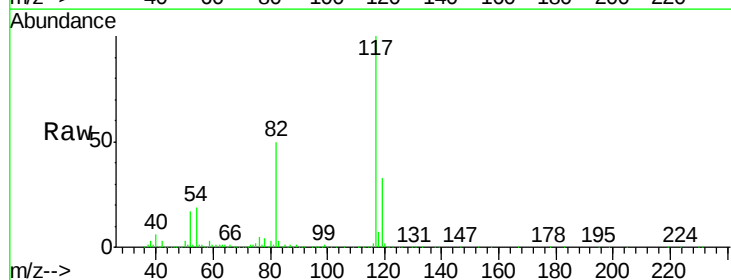
Tgt Ion: 117 Resp: 723887

Ion Ratio Lower Upper

117 100

82 50.2 41.0 61.6

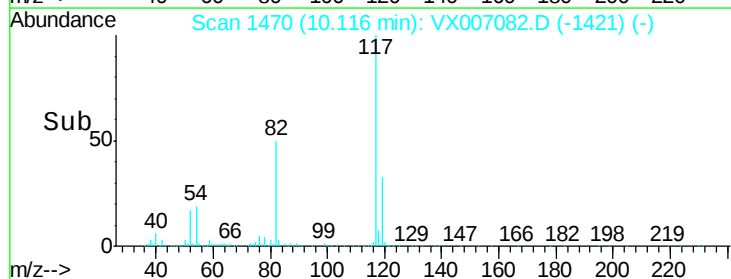
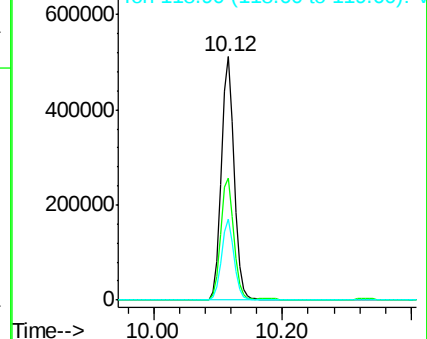
119 33.1 25.4 38.0

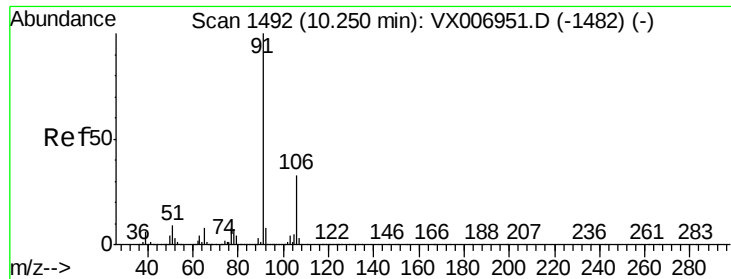


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)

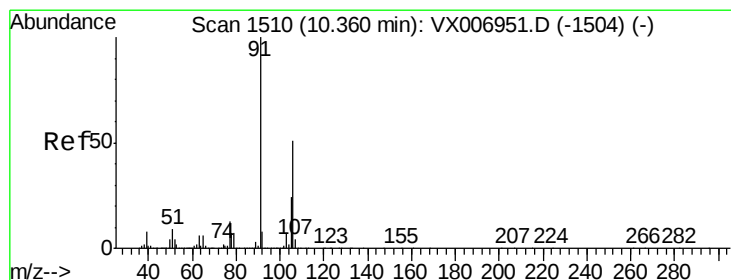
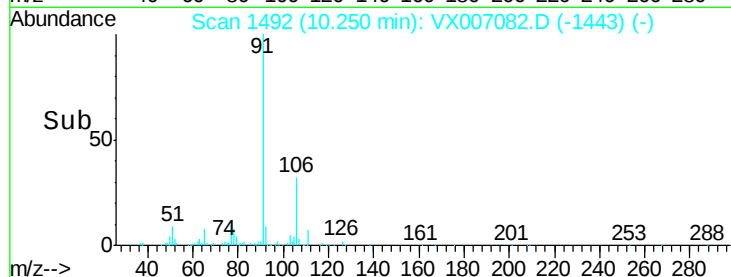
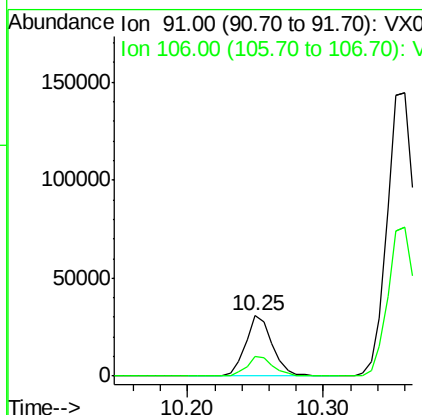
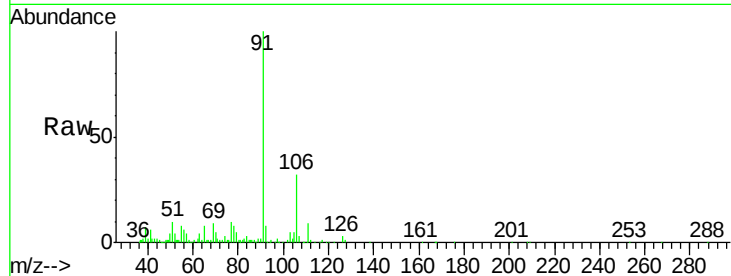




#67
Ethyl Benzene
Concen: 1.623 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

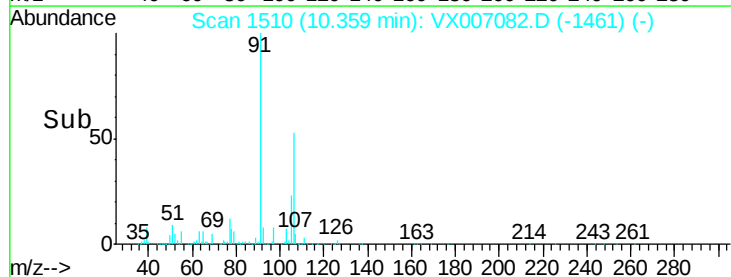
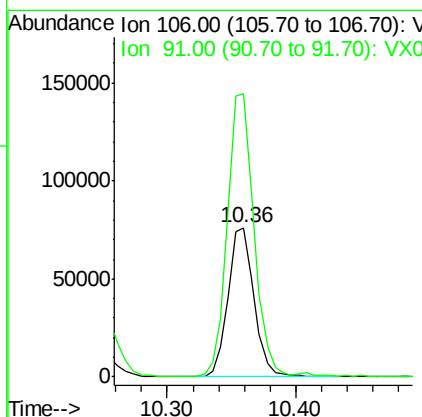
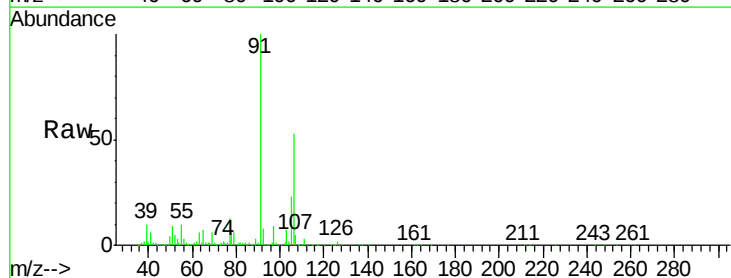
Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-BME

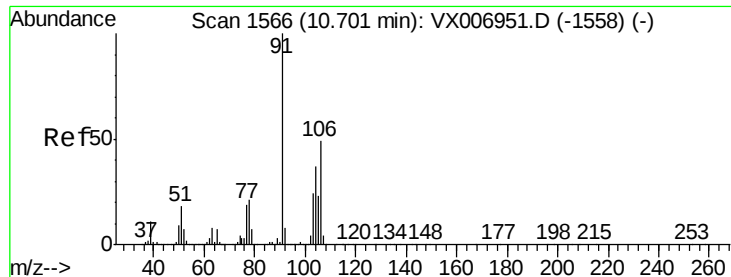
Tot Ion: 91 Resp: 42295
Ion Ratio Lower Upper
91 100
106 32.0 26.4 39.6



#68
m/p-Xylenes
Concen: 10.473 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Tgt Ion: 106 Resp: 107550
Ion Ratio Lower Upper
106 100
91 194.3 155.8 233.6

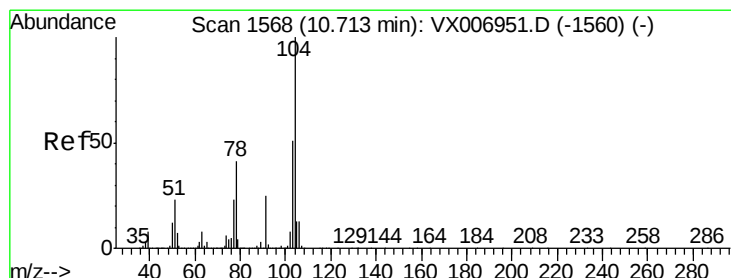
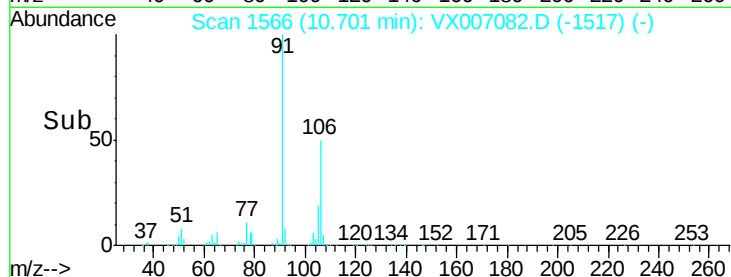
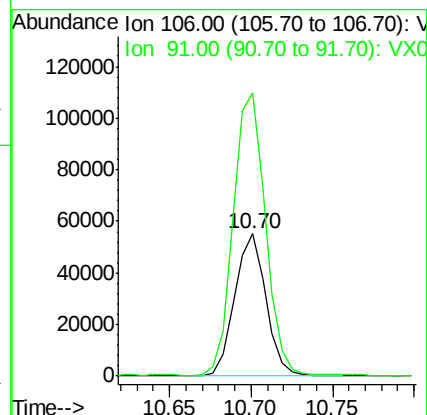
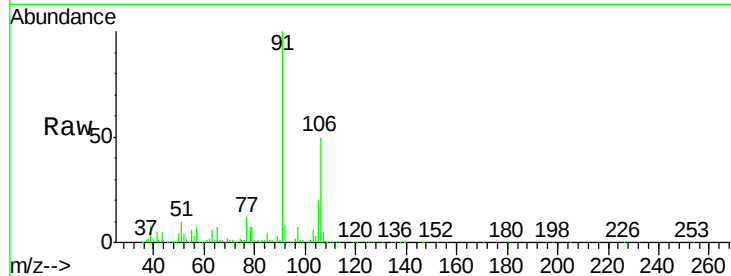




#69
o-Xylene
Concen: 7.337 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

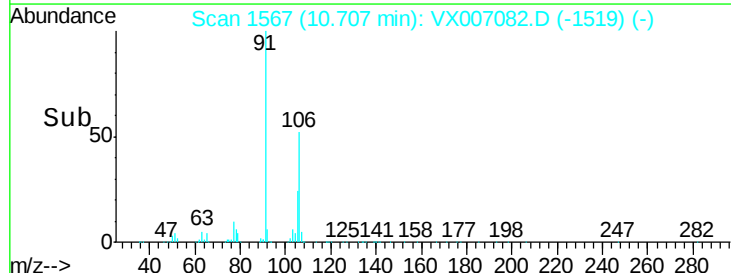
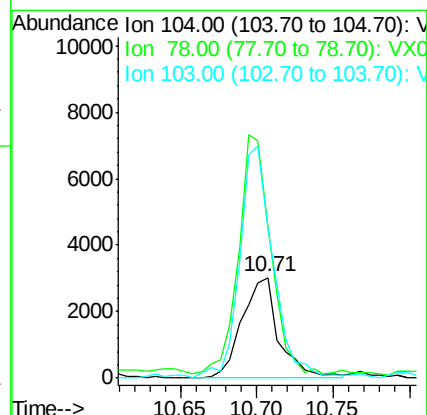
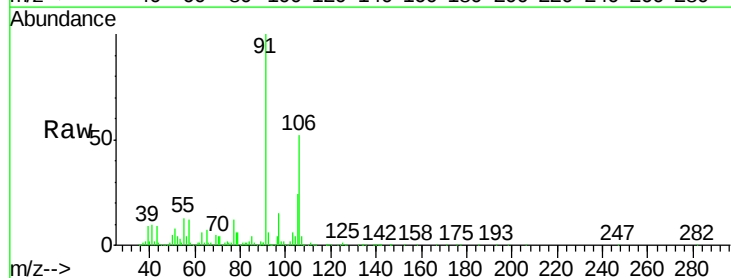
Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-BME

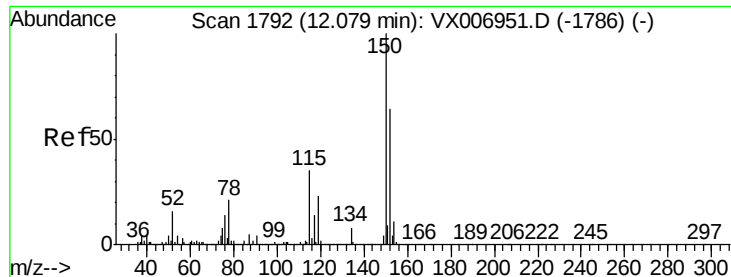
Tot Ion:106 Resp: 73479
Ion Ratio Lower Upper
106 100
91 203.4 101.3 303.7



#70
Styrene
Concen: 0.318 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Tgt Ion:104 Resp: 5042
Ion Ratio Lower Upper
104 100
78 208.8 37.7 56.5#
103 208.1 43.8 65.8#



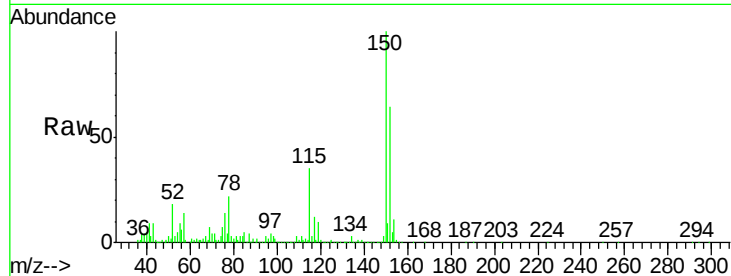


#72

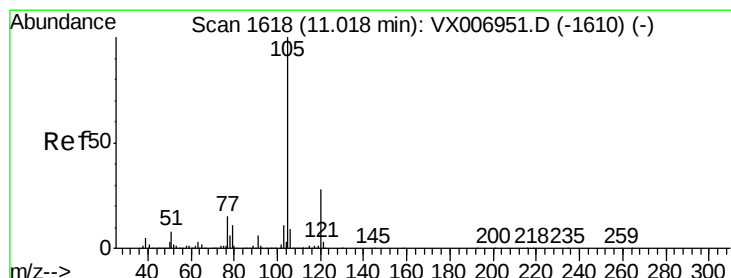
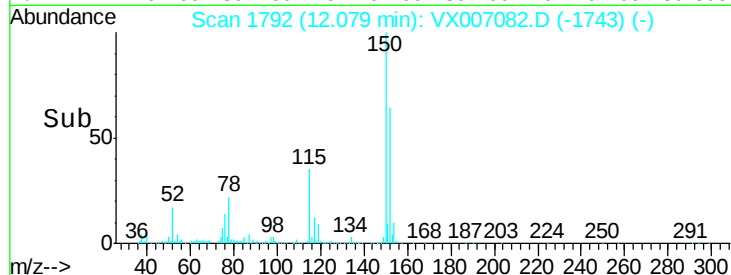
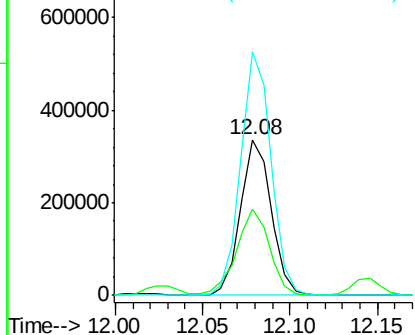
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-BME

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	39.1	117.2
150	155.6	0.0	344.8



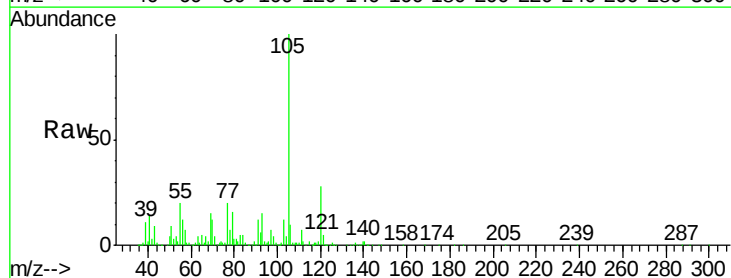
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



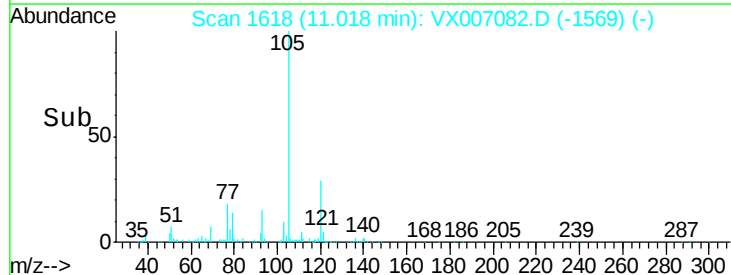
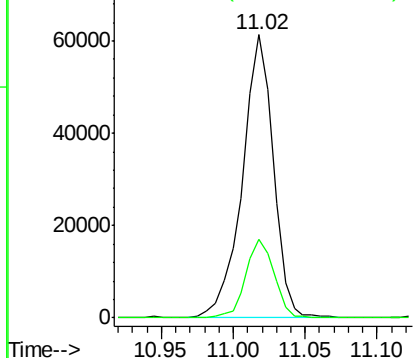
#73

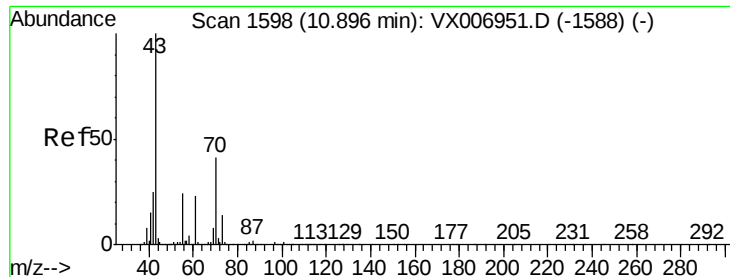
Isopropylbenzene
Concen: 3.174 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.1	14.1	42.4



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





#74

N-amvl acetate

Concen: 5.292 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

OK-01-011519-BME

Tot Ion: 43 Resp: 61460

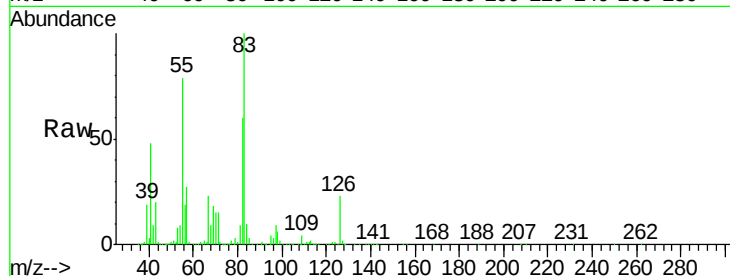
Ion Ratio Lower Upper

43 100

70 116.8 35.8 53.8#

55 341.2 19.4 29.0#

61 0.0 20.1 30.1#

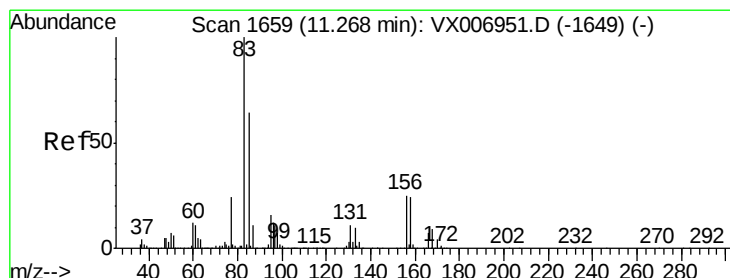
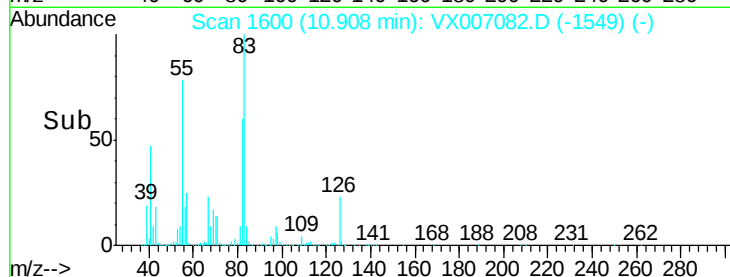
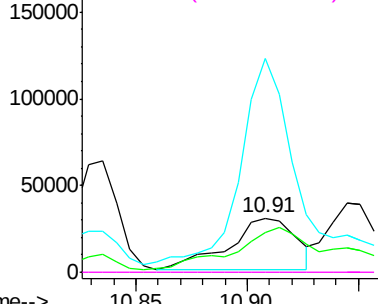


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 5.586 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

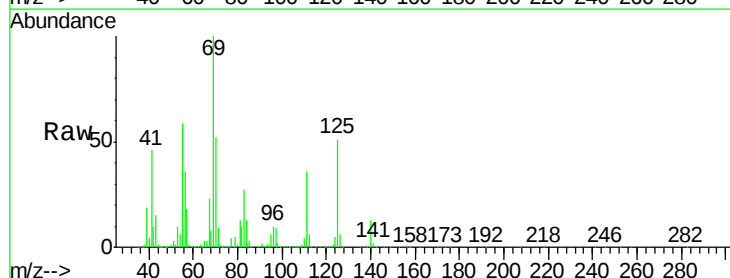
Tgt Ion: 83 Resp: 51149

Ion Ratio Lower Upper

83 100

131 0.1 5.7 17.1#

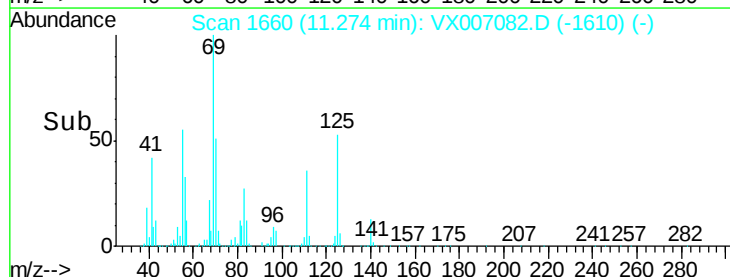
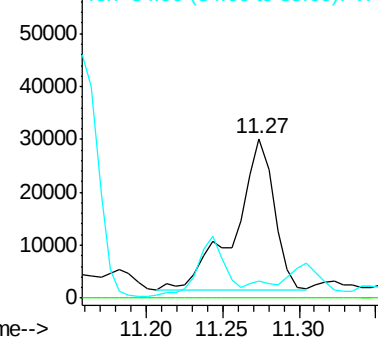
85 0.0 32.2 96.6#

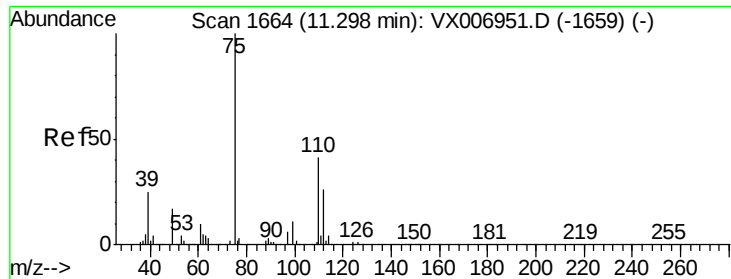


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 1.043 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.13 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

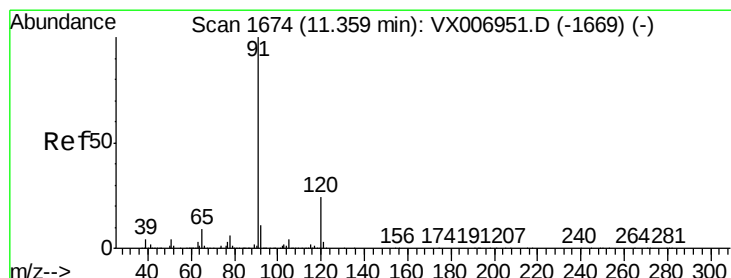
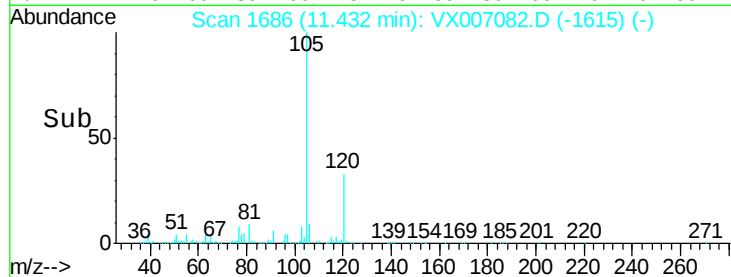
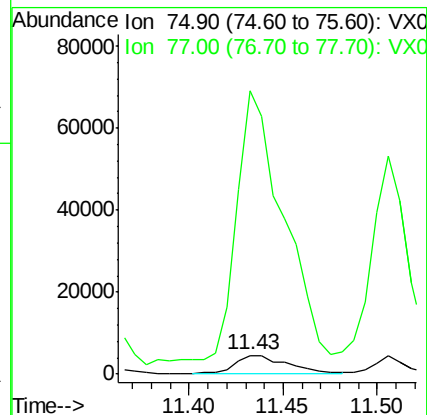
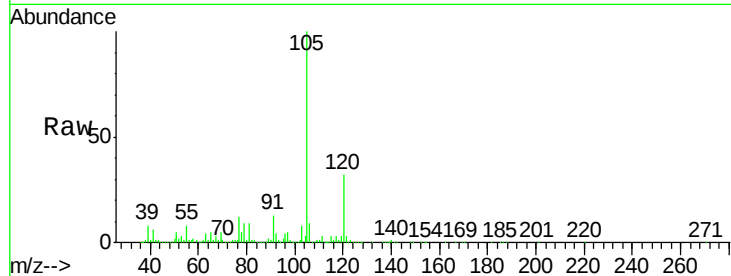
OK-01-011519-BME

Tot Ion: 75 Resp: 8646

Ion Ratio Lower Upper

75 100

77 1369.3 18.5 55.5#



#78

n-propylbenzene

Concen: 10.447 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007082.D

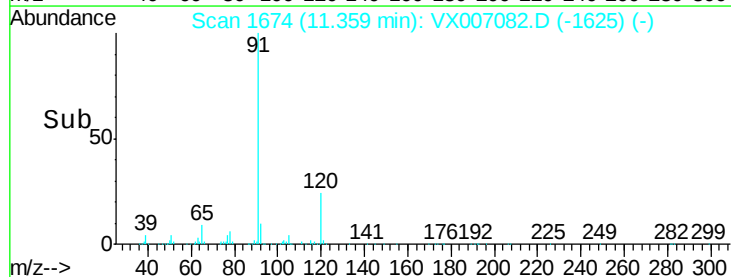
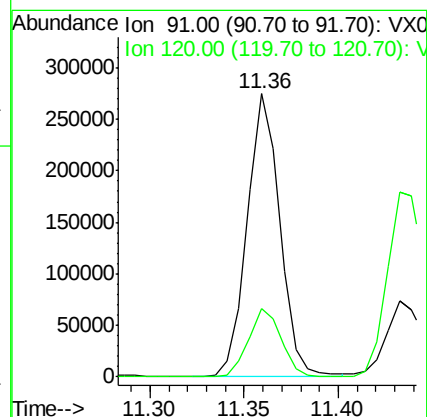
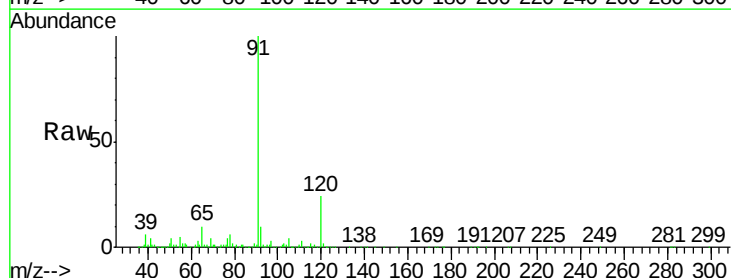
Acq: 17 Jan 2019 12:16

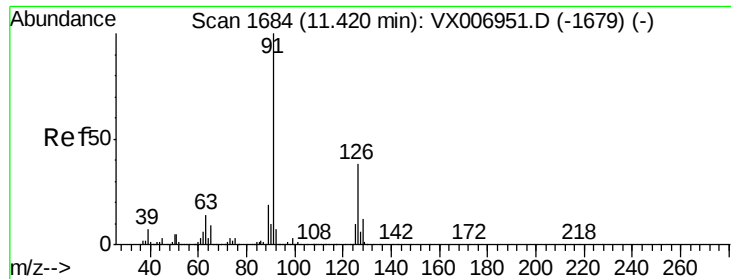
Tgt Ion: 91 Resp: 330819

Ion Ratio Lower Upper

91 100

120 24.4 12.7 38.0





#79

2-Chlorotoluene

Concen: 6.634 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

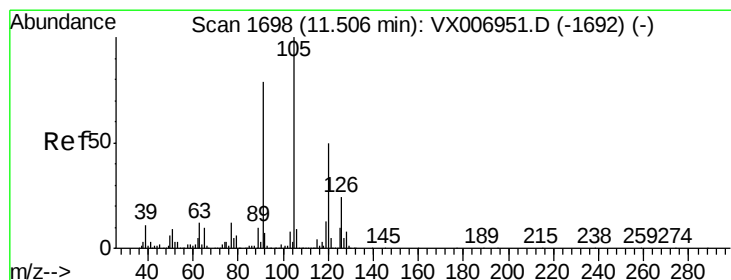
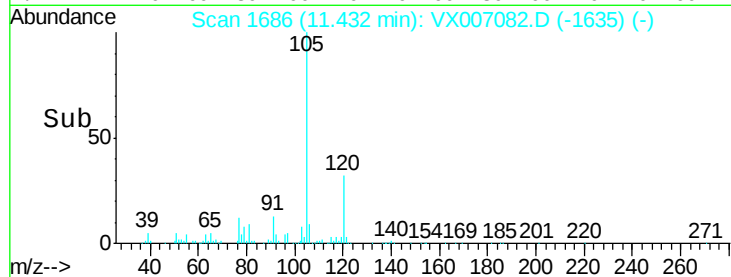
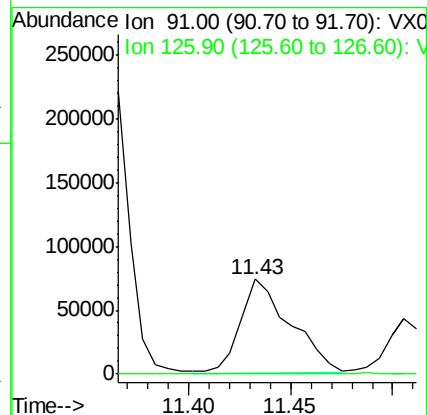
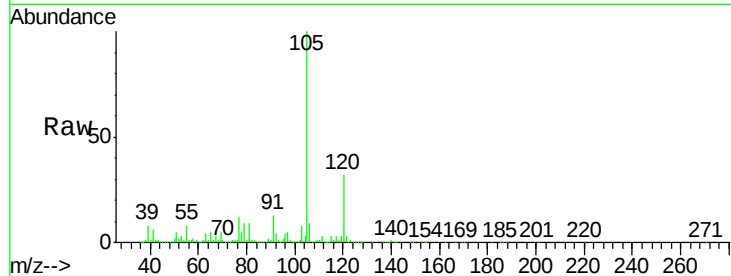
OK-01-011519-BME

Tot Ion: 91 Resp: 126450

Ion Ratio Lower Upper

91 100

126 0.0 18.6 56.0#



#80

1,3,5-Trimethylbenzene

Concen: 21.158 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007082.D

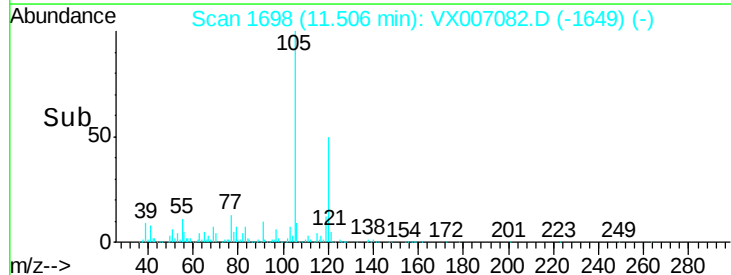
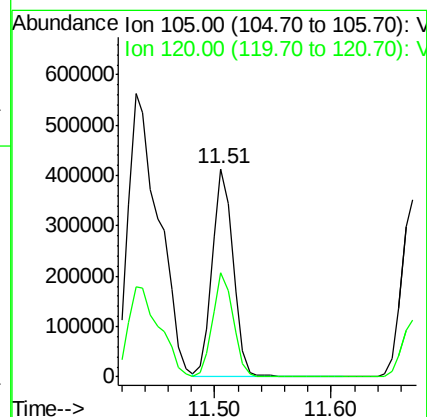
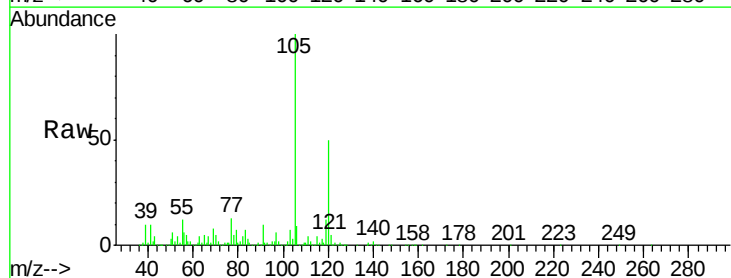
Acq: 17 Jan 2019 12:16

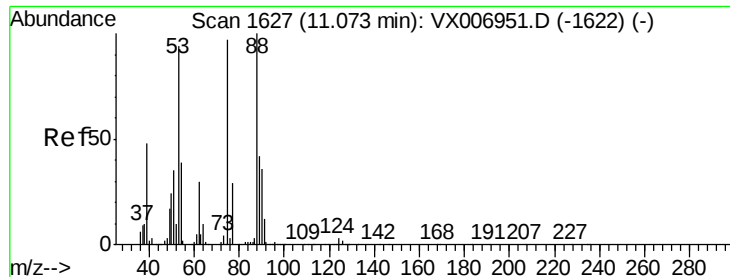
Tgt Ion: 105 Resp: 509938

Ion Ratio Lower Upper

105 100

120 49.2 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 59.066 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

OK-01-011519-BME

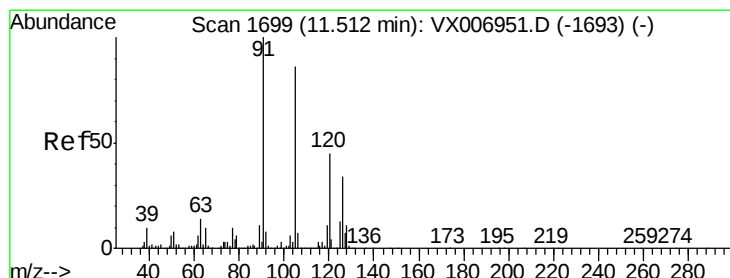
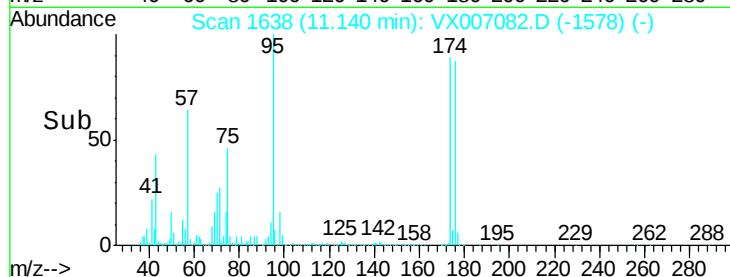
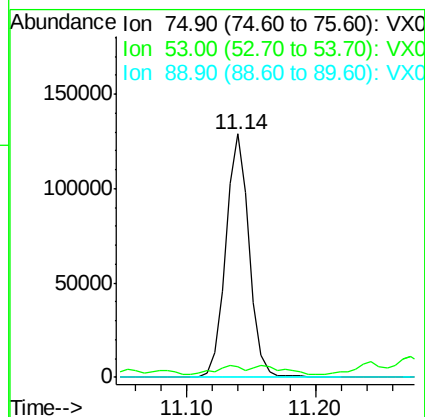
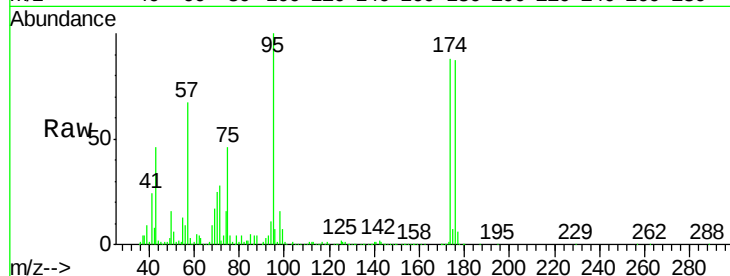
Tot Ion: 75 Resp: 164281

Ion Ratio Lower Upper

75 100

53 5.3 79.7 119.5#

89 0.0 38.0 57.0#



#82

4-Chlorotoluene

Concen: 0.478 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.26 min

Lab File: VX007082.D

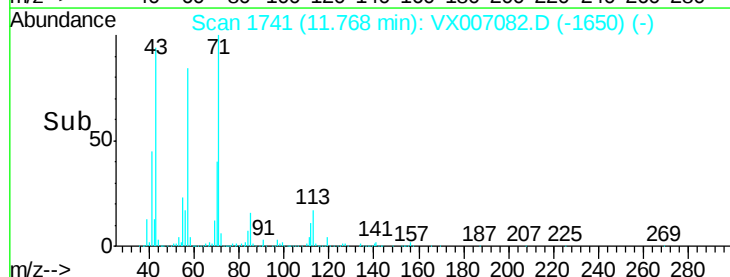
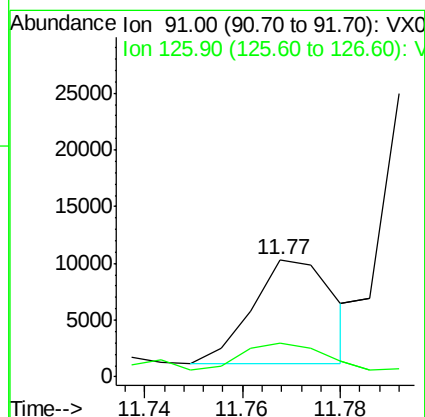
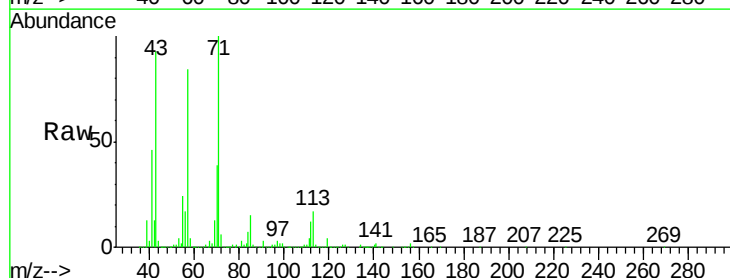
Acq: 17 Jan 2019 12:16

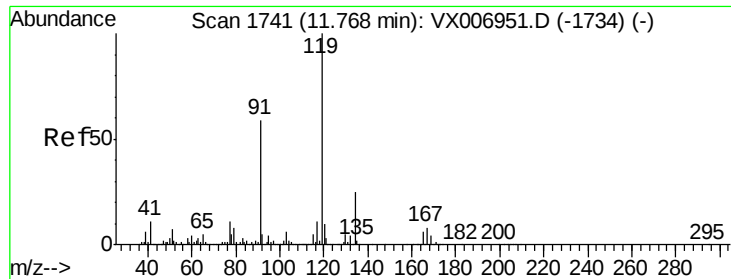
Tgt Ion: 91 Resp: 10556

Ion Ratio Lower Upper

91 100

126 25.5 16.3 48.9





#83

tert-Butylbenzene

Concen: 0.793 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

OK-01-011519-BME

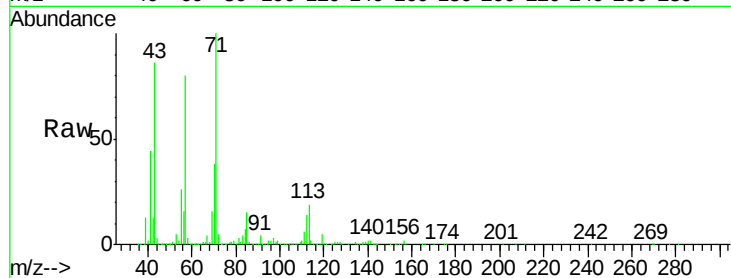
Tot Ion:119 Resp: 19081

Ion Ratio Lower Upper

119 100

91 55.3 27.7 83.1

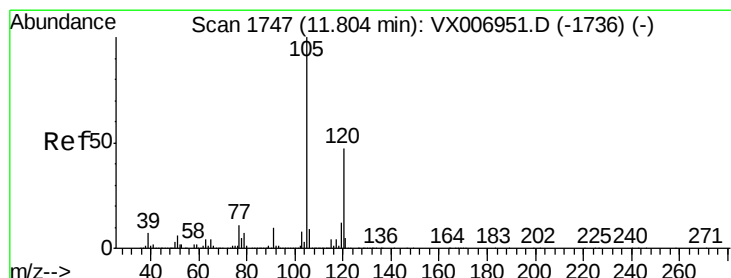
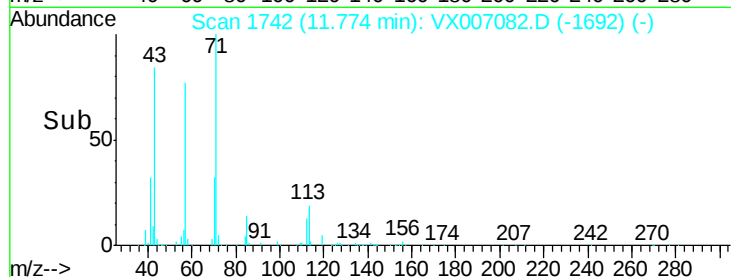
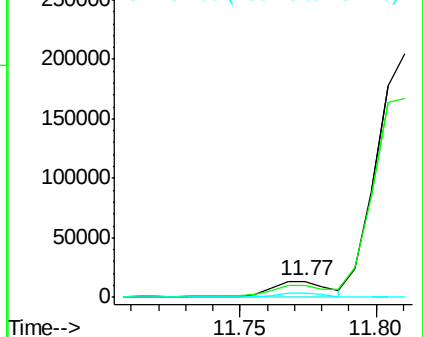
134 25.5 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 82.204 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX007082.D

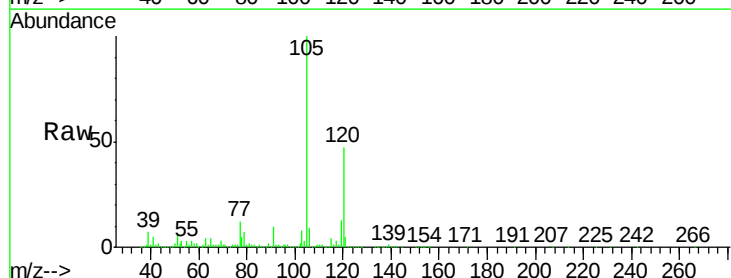
Acq: 17 Jan 2019 12:16

Tgt Ion:105 Resp: 1992336

Ion Ratio Lower Upper

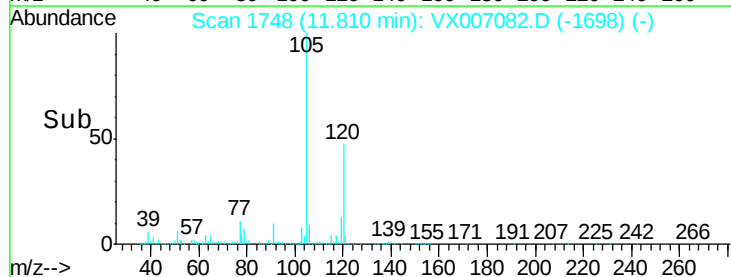
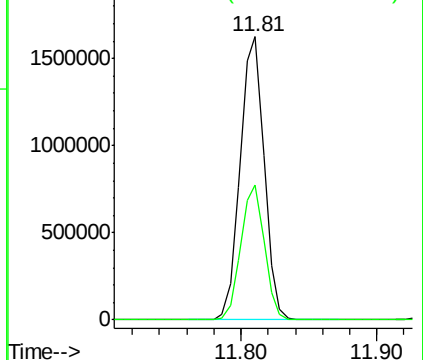
105 100

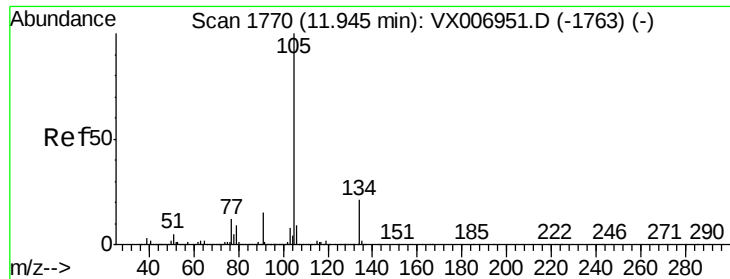
120 47.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

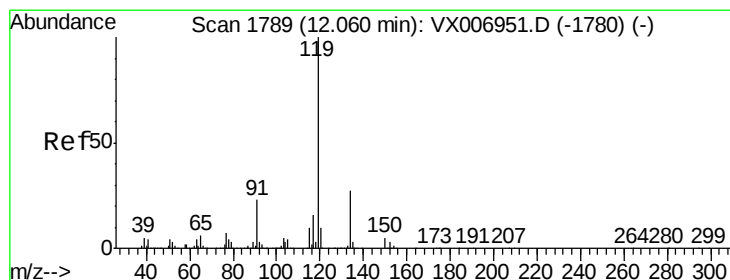
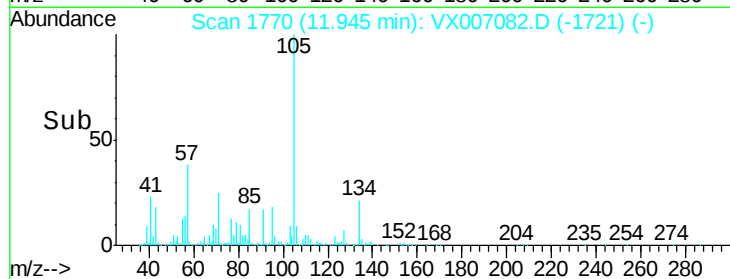
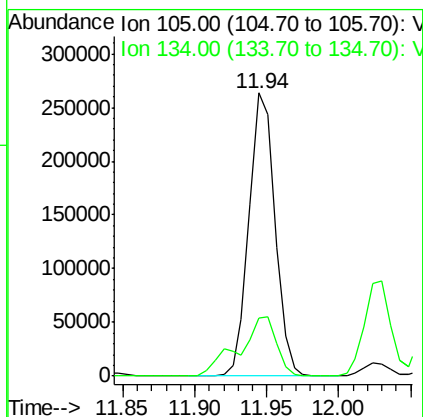
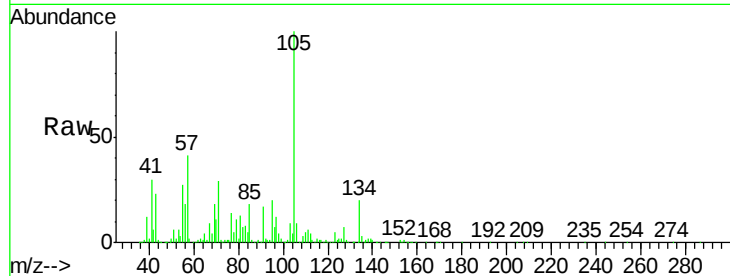




#85
 sec-Butylbenzene
 Concen: 11.415 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007082.D
 Acq: 17 Jan 2019 12:16

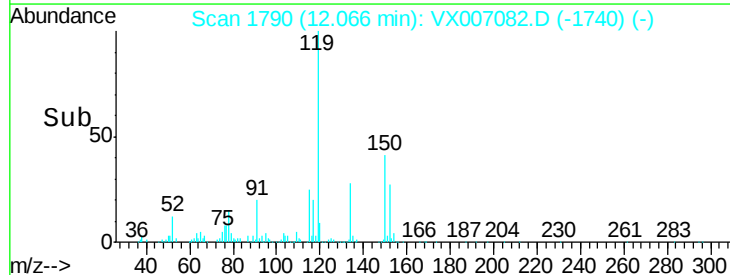
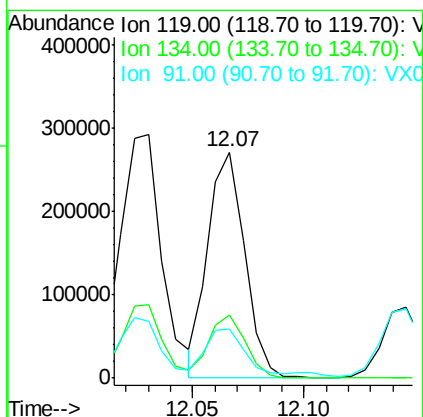
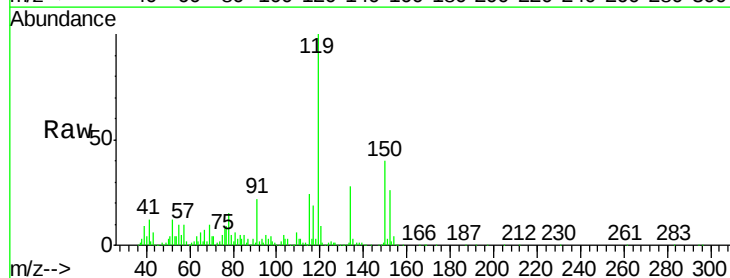
Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-011519-BME

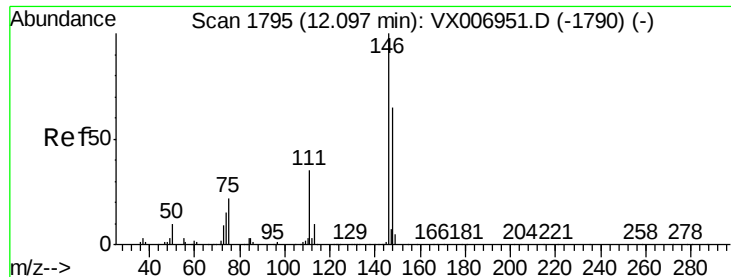
Tot Ion:105 Resp: 327813
 Ion Ratio Lower Upper
 105 100
 134 30.6 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 12.110 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX007082.D
 Acq: 17 Jan 2019 12:16

Tgt Ion:119 Resp: 311081
 Ion Ratio Lower Upper
 119 100
 134 27.8 14.0 41.9
 91 23.9 11.3 33.9





#88

1,4-Dichlorobenzene

Concen: 0.272 ug/l

RT: 12.10 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

OK-01-011519-BME

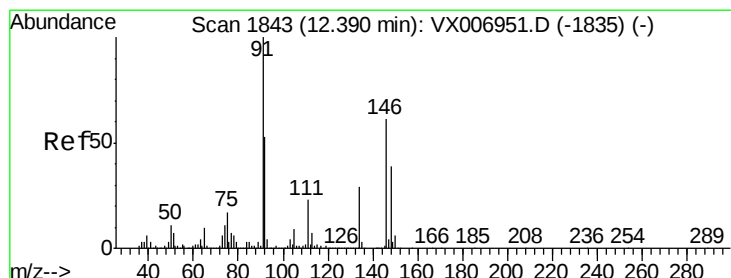
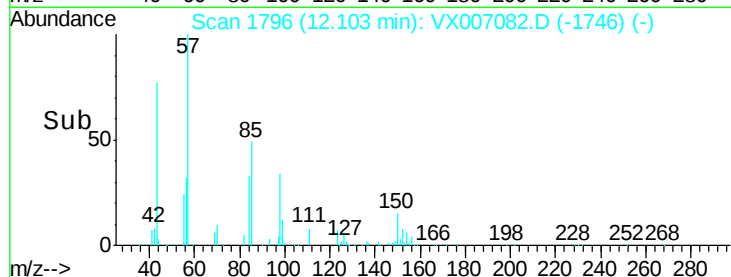
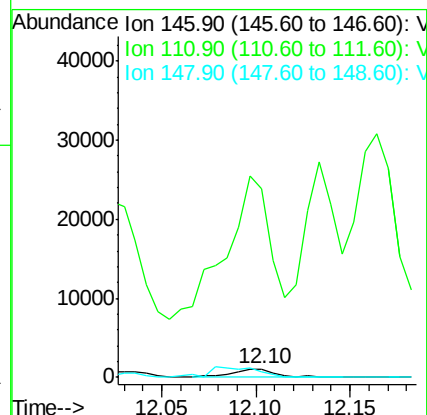
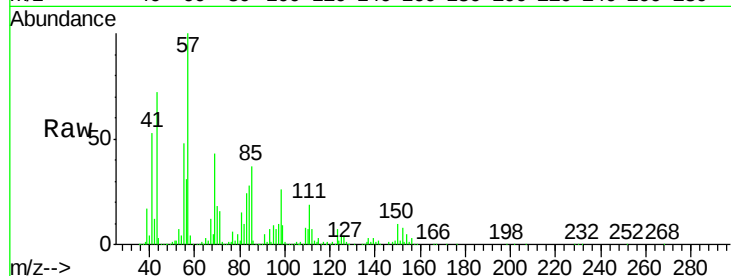
Tot Ion:146 Resp: 1739

Ion Ratio Lower Upper

146 100

111 1674.1 18.1 54.1#

148 0.0 31.9 95.9#



#89

n-Butylbenzene

Concen: 32.088 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

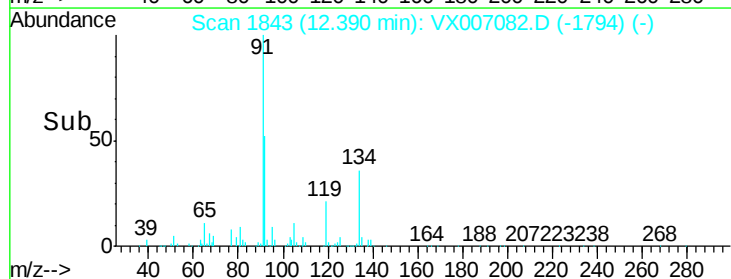
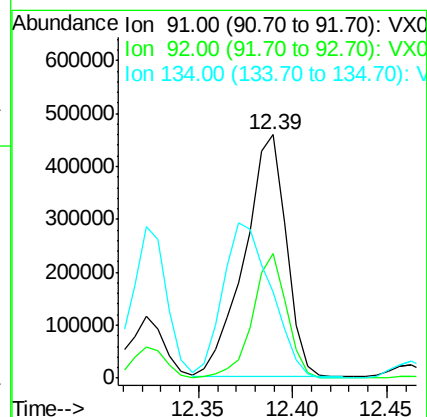
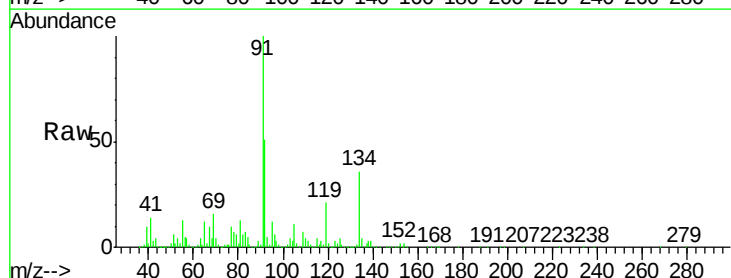
Tgt Ion: 91 Resp: 702671

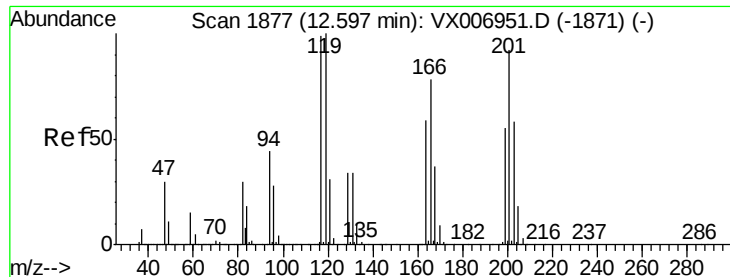
Ion Ratio Lower Upper

91 100

92 42.0 26.8 80.4

134 74.2 14.4 43.2#





#90

Hexachloroethane

Concen: 15.203 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

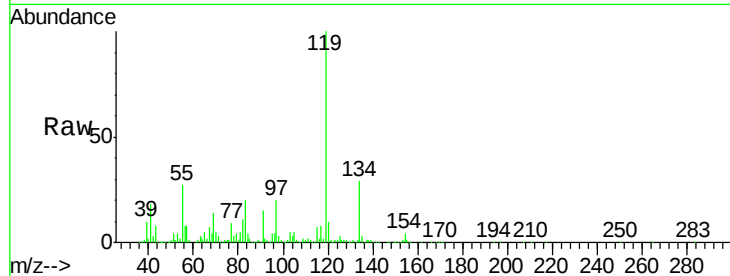
OK-01-011519-BME

Tot Ion:117 Resp: 53533

Ion Ratio Lower Upper

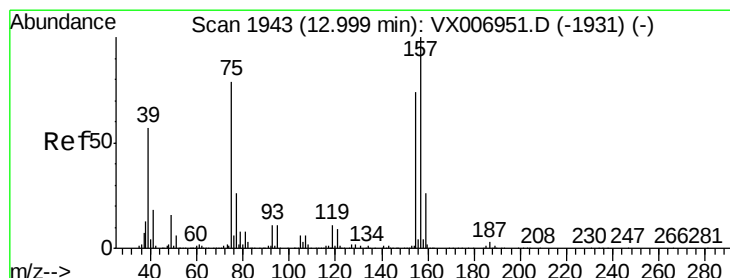
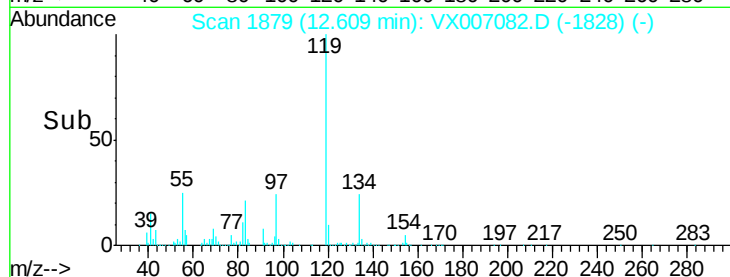
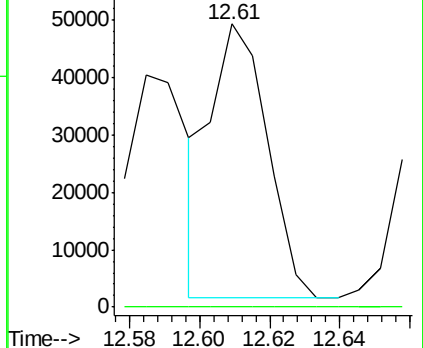
117 100

201 0.1 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.253 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

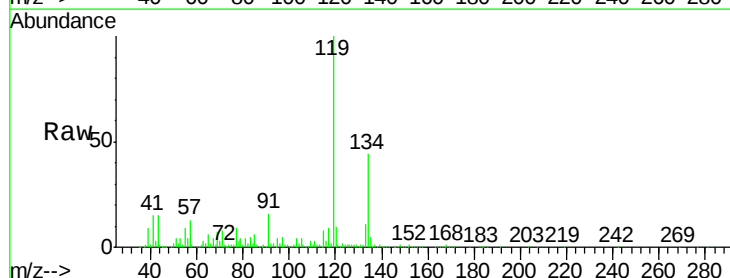
Tgt Ion: 75 Resp: 5892

Ion Ratio Lower Upper

75 100

155 120.4 50.6 151.8

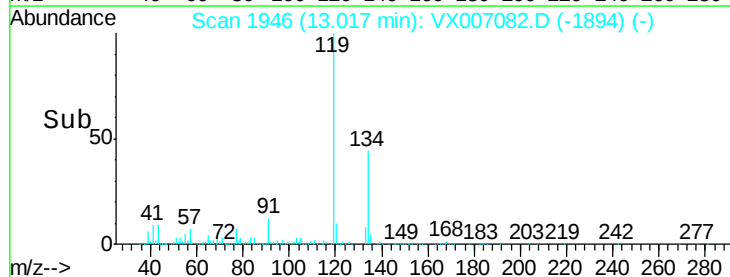
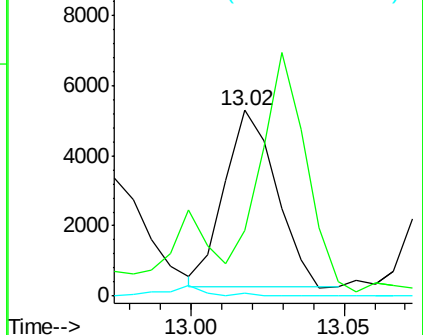
157 0.0 64.6 193.8#

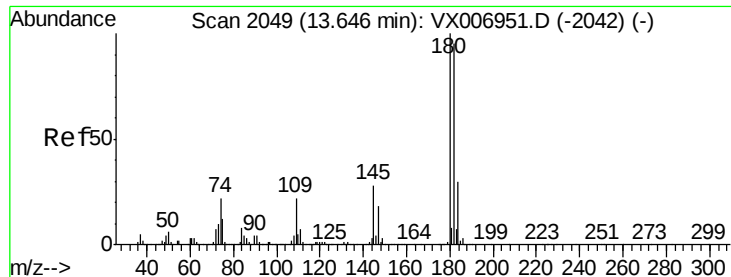


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 0.288 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

OK-01-011519-BME

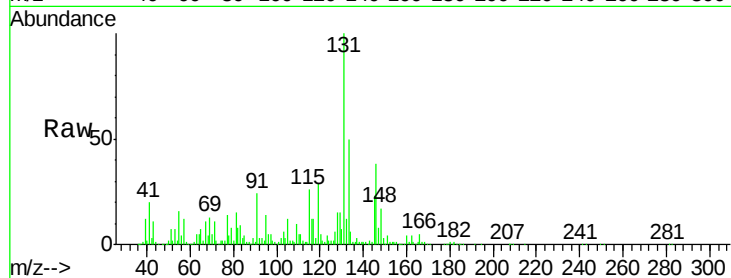
Tot Ion:180 Resp: 2801

Ion Ratio Lower Upper

180 100

182 80.1 47.3 142.0

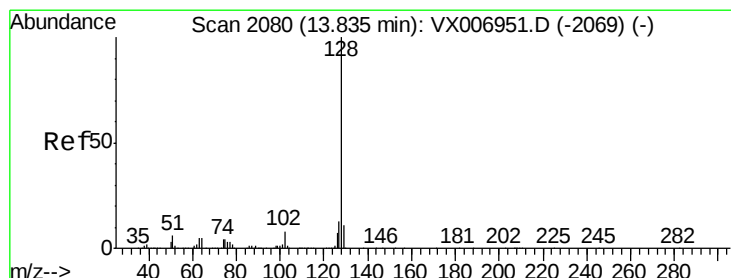
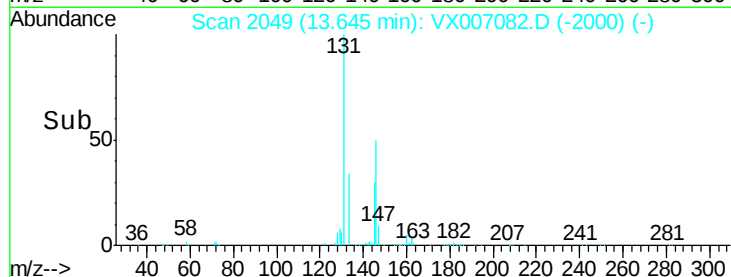
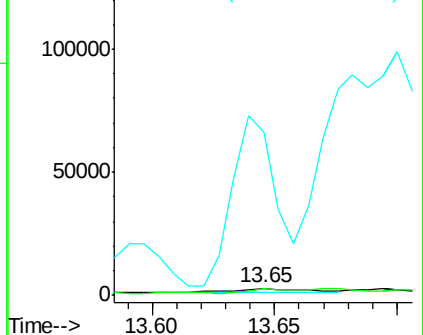
145 3127.3 14.8 44.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 29.989 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

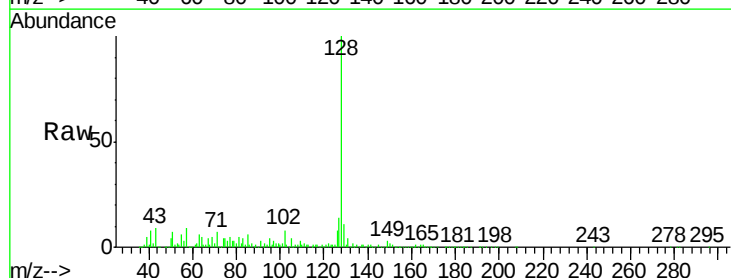
Tgt Ion:128 Resp: 883850

Ion Ratio Lower Upper

128 100

127 14.0 10.1 15.1

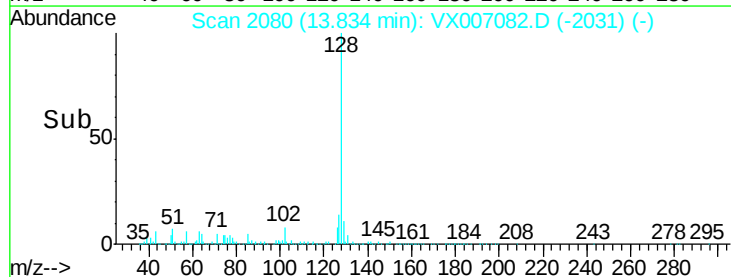
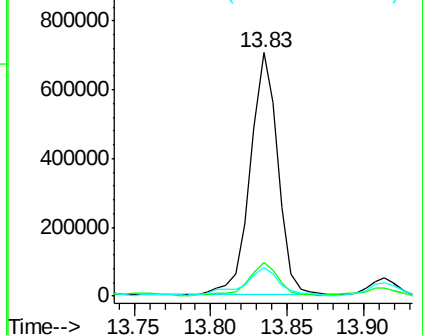
129 14.2 8.6 13.0#

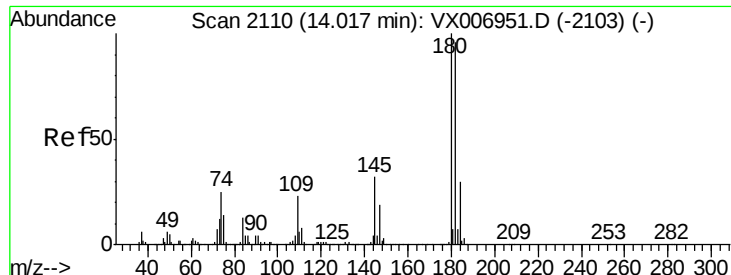


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

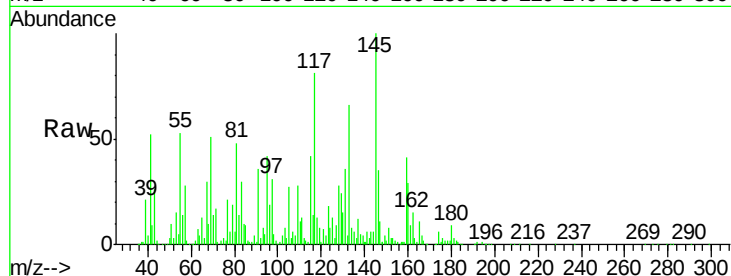




#96
 1,2,3-Trichlorobenzene
 Concen: 1.225 ug/l
 RT: 14.04 min Scan# 2113
 Delta R.T. 0.02 min
 Lab File: VX007082.D
 Acq: 17 Jan 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-011519-BME

Tot Ion:180 Resp: 11833
 Ion Ratio Lower Upper
 180 100
 182 20.8 48.5 145.5#
 145 954.4 16.0 47.9#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

