

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030819\
 Data File : VX007956.D
 Acq On : 09 Mar 2019 02:41
 Operator : JC/SP
 Sample : K1693-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-01-030719-B

Quant Time: Mar 09 03:57:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	399428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	148524	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
35) Dibromofluoromethane	5.50	113	136720	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	8.71	98	516722	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	11.13	95	187829	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	

Target Compounds

					Qvalue	
5) Bromomethane	1.65	94	177	Below Cal	#	62
6) Chloroethane	1.64	64	432	0.224	ug/l #	43
11) Tert butyl alcohol	3.07	59	317	0.506	ug/l #	73
13) Acrolein	2.31	56	231	2.189	ug/l #	53
16) Acetone	2.45	43	12367	7.626	ug/l	93
17) Carbon Disulfide	2.58	76	807	Below Cal	#	79
18) Methyl Acetate	2.78	43	9239	2.682	ug/l	97
20) Methylene Chloride	2.86	84	145801	56.492	ug/l	98
25) 2-Butanone	4.70	43	2462	1.072	ug/l	95
29) Tetrahydrofuran	5.17	42	1156	0.807	ug/l	92
31) Cyclohexane	5.67	56	4213	0.979	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16513	4.328	ug/l #	48
38) Carbon Tetrachloride	5.67	117	22822	6.301	ug/l #	17
43) Isopropyl Acetate	6.46	43	14608	2.180	ug/l	98
48) Methyl methacrylate	7.68	41	7321	2.078	ug/l #	16
49) 1,4-Dioxane	7.87	88	168	2.322	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	65897	15.293	ug/l #	50
52) Toluene	8.79	92	2071	0.299	ug/l	92
54) cis-1,3-Dichloropropene	8.62	75	32876	7.749	ug/l #	62
57) 1,3-Dichloropropane	9.54	76	7999	1.697	ug/l #	43
59) 2-Hexanone	9.54	43	108142	32.325	ug/l #	50
68) m/p-Xylenes	10.35	106	1994	0.376	ug/l	99
69) o-Xylene	10.70	106	1549	0.303	ug/l	94
74) N-amyl acetate	10.69	43	10004	1.674	ug/l #	53
76) 1,2,3-Trichloropropane	11.13	75	85783	21.122	ug/l #	39
79) 2-Chlorotoluene	11.42	91	2452	0.276	ug/l	83
80) 1,3,5-Trimethylbenzene	11.51	105	9650	0.896	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	85783	67.518	ug/l #	11
82) 4-Chlorotoluene	11.42	91	2452	0.241	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	11770	1.066	ug/l	100
86) p-Isopropyltoluene	12.02	119	2329	0.203	ug/l	91
90) Hexachloroethane	12.61	117	588	0.307	ug/l #	1
95) Naphthalene	13.83	128	89786	7.033	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

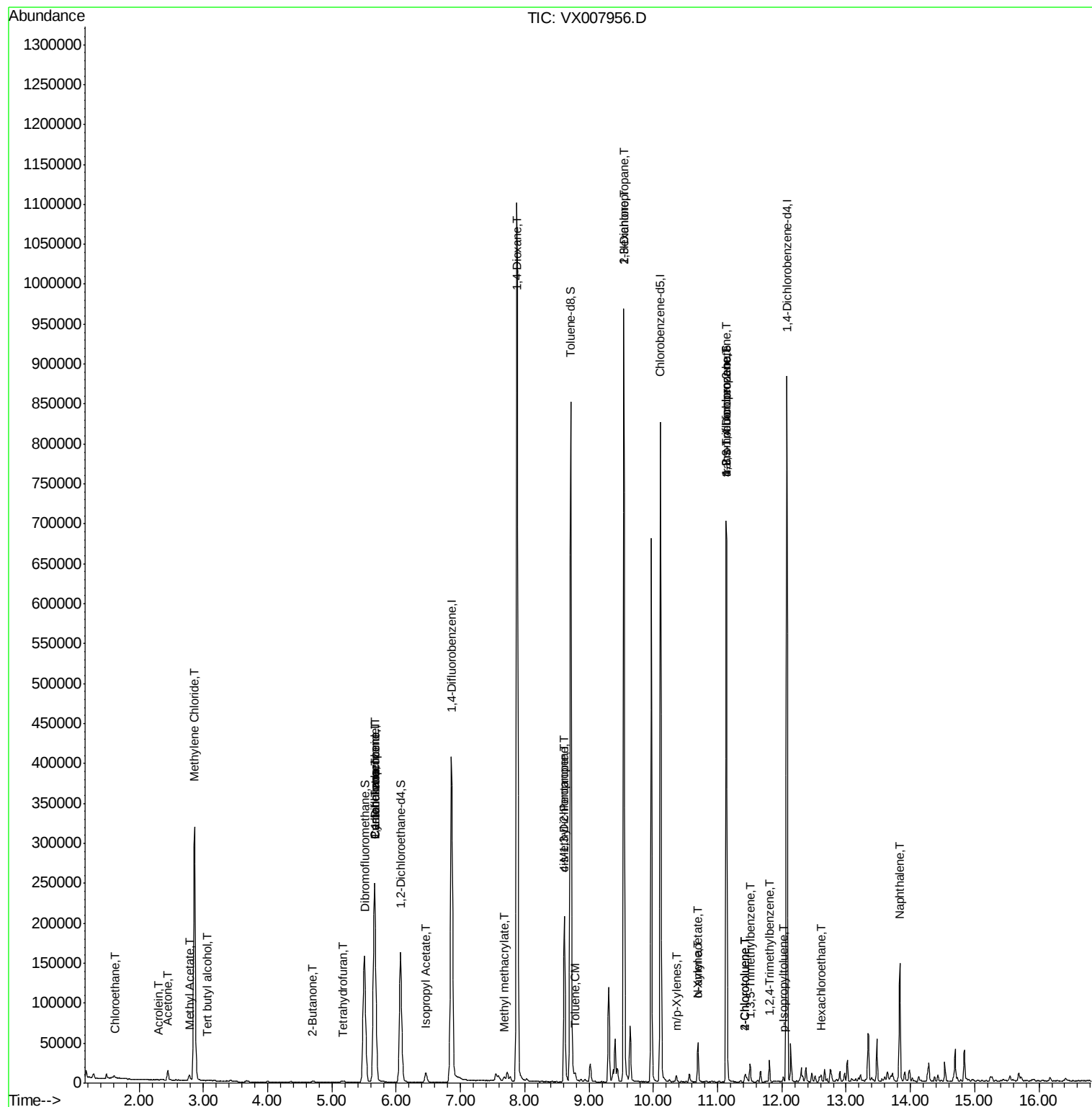
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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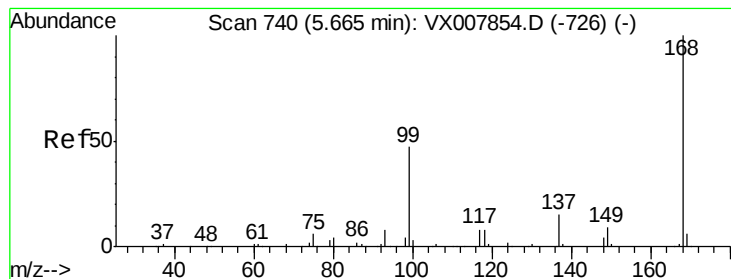
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

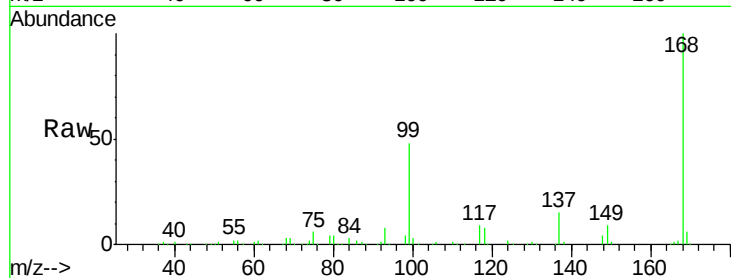
OR-01-030719-B

Tot Ion:168 Resp: 265594

Ion Ratio Lower Upper

168 100

99 48.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

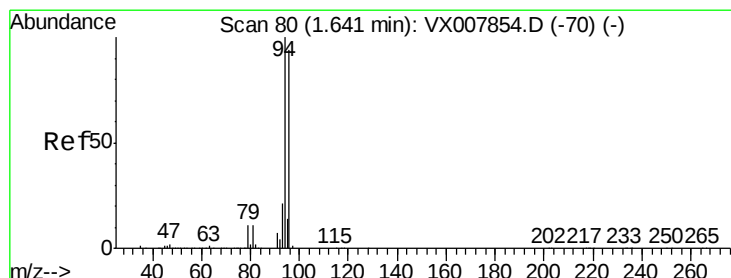
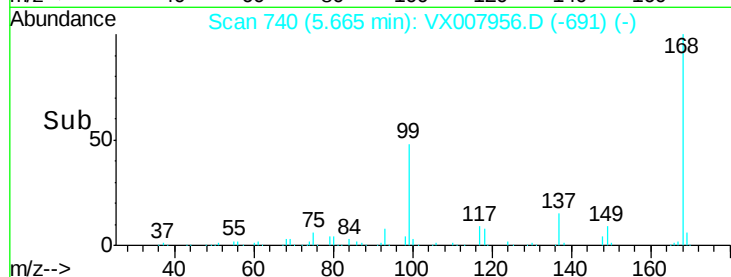
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007956.D

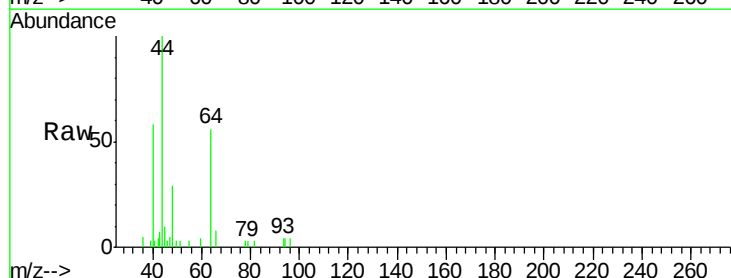
Acq: 09 Mar 2019 02:41

Tgt Ion: 94 Resp: 177

Ion Ratio Lower Upper

94 100

96 57.8 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

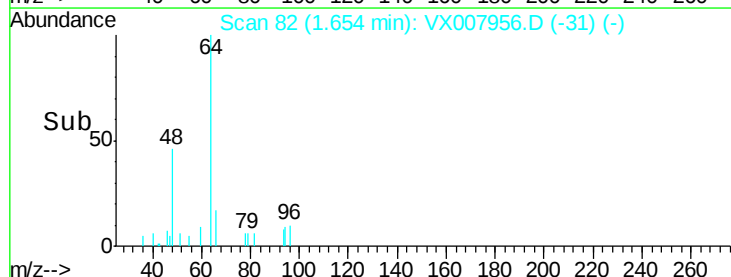
150

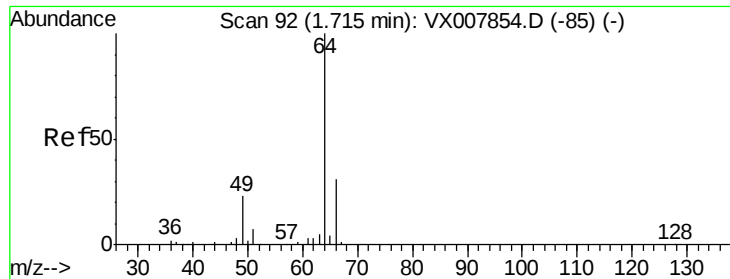
100

50

0

Time--> 1.62 1.64 1.66 1.68





#6

Chloroethane

Concen: 0.224 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.08 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

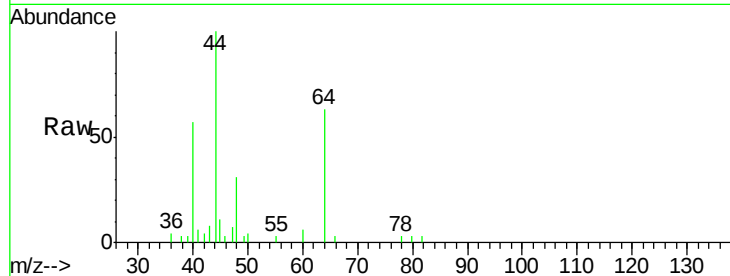
OR-01-030719-B

Tot Ion: 64 Resp: 432

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

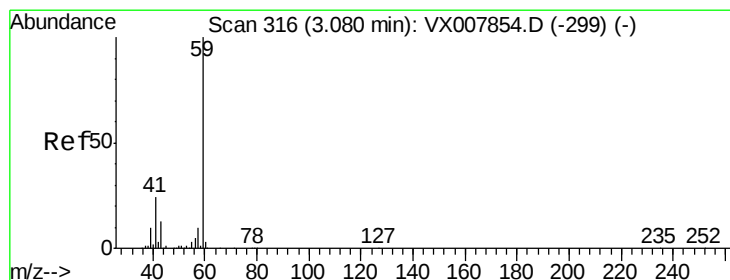
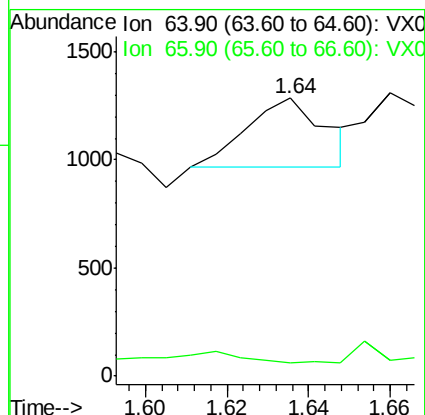
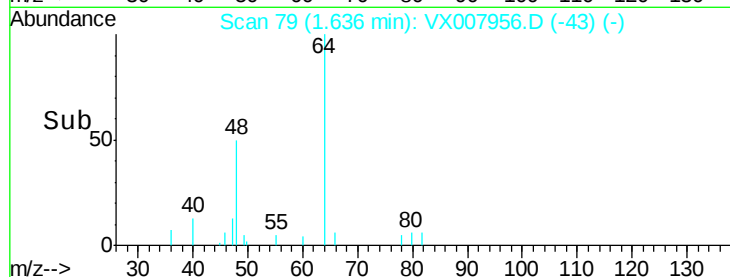
1500

1000

500

0

Time-->



#11

Tert butyl alcohol

Concen: 0.506 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX007956.D

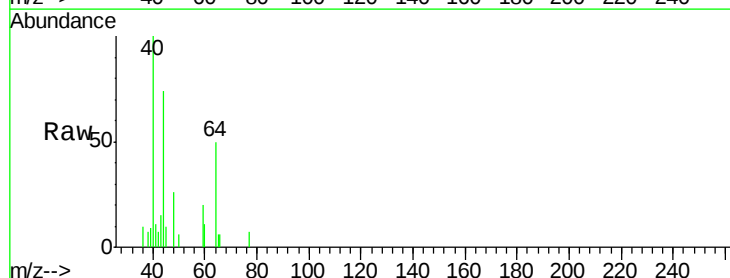
Acq: 09 Mar 2019 02:41

Tgt Ion: 59 Resp: 317

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

200

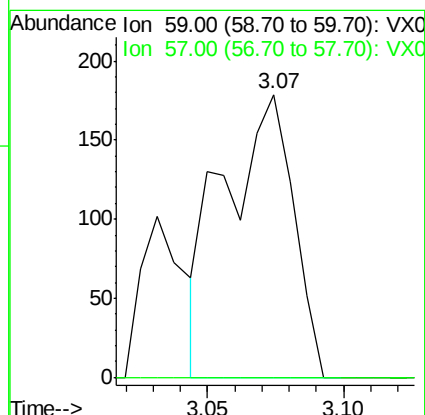
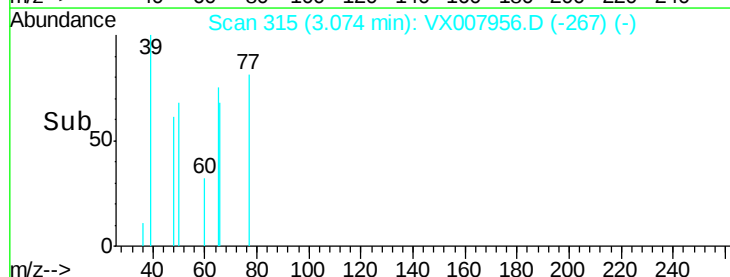
150

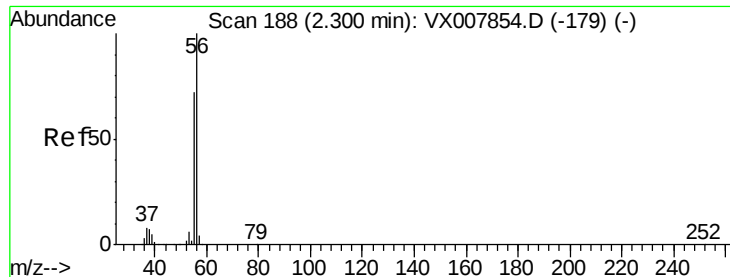
100

50

0

Time-->





#13

Acrolein

Concen: 2.189 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

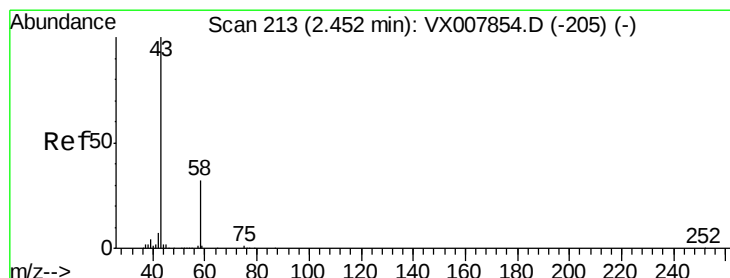
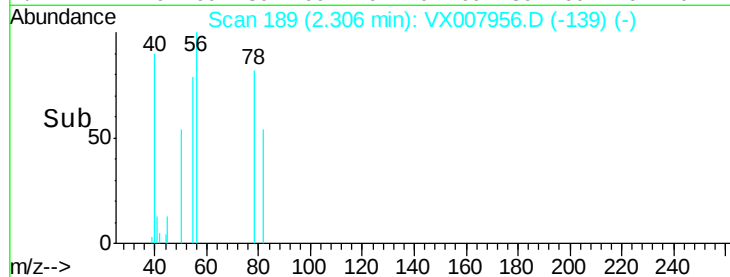
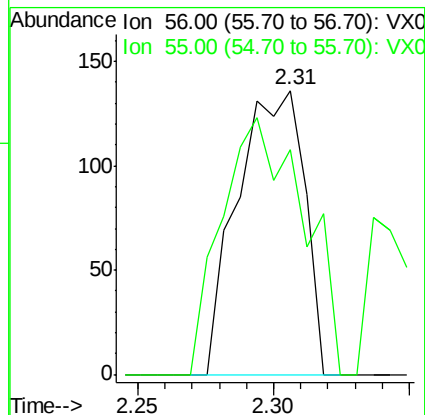
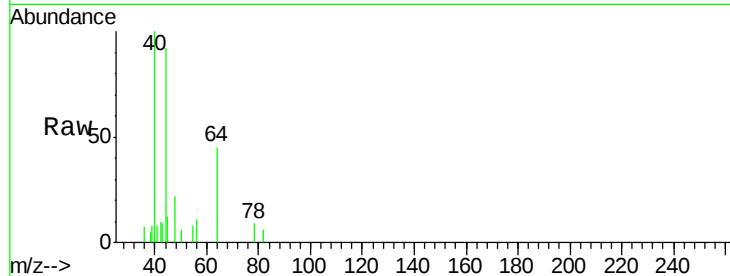
OR-01-030719-B

Tot Ion: 56 Resp: 231

Ion Ratio Lower Upper

56 100

55 111.3 57.8 86.6#



#16

Acetone

Concen: 7.626 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007956.D

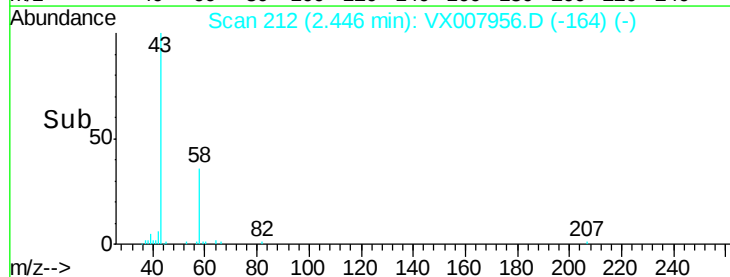
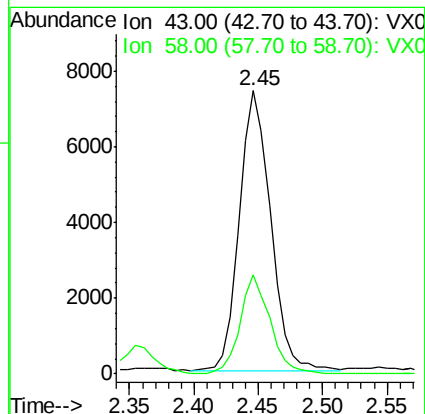
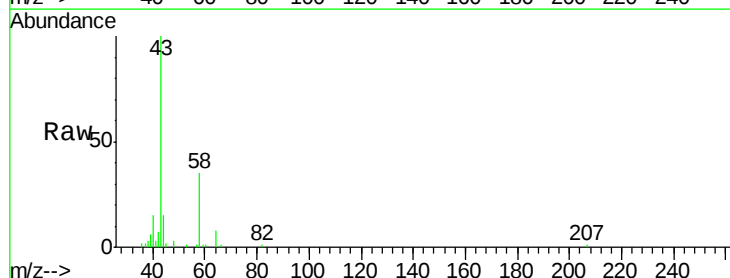
Acq: 09 Mar 2019 02:41

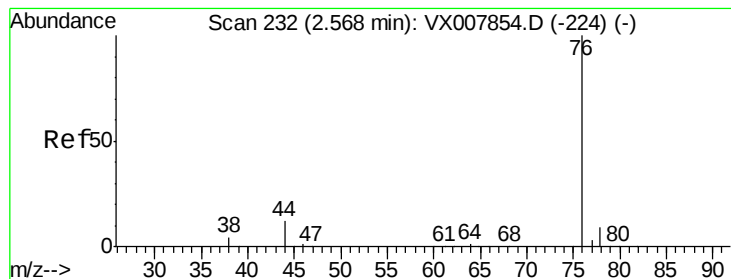
Tgt Ion: 43 Resp: 12367

Ion Ratio Lower Upper

43 100

58 35.6 25.5 38.3





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

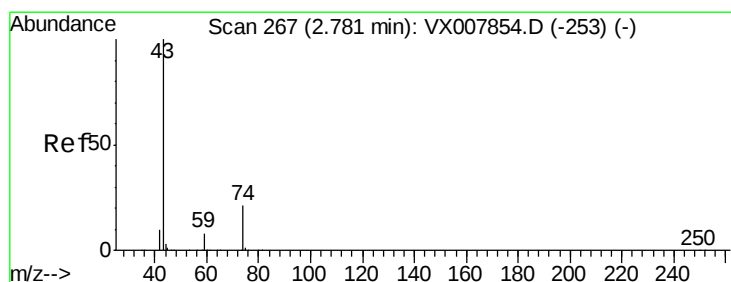
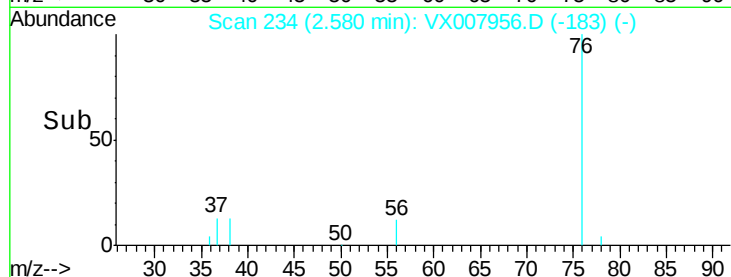
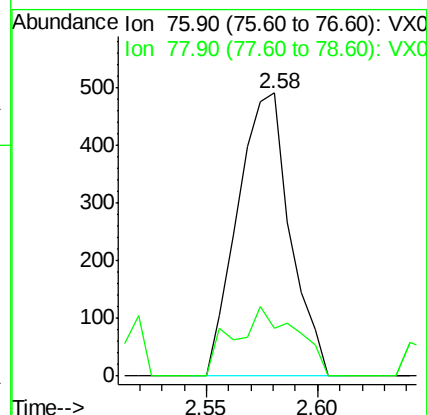
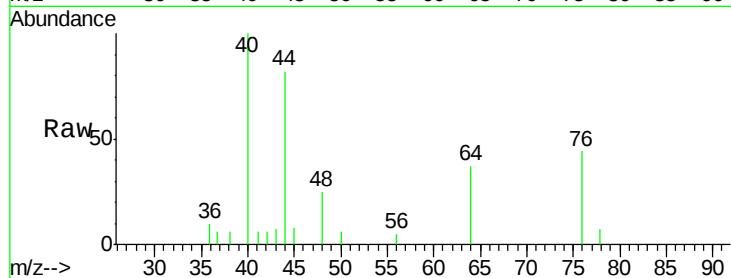
OR-01-030719-B

Tot Ion: 76 Resp: 807

Ion Ratio Lower Upper

76 100

78 16.7 7.2 10.8#



#18

Methyl Acetate

Concen: 2.682 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007956.D

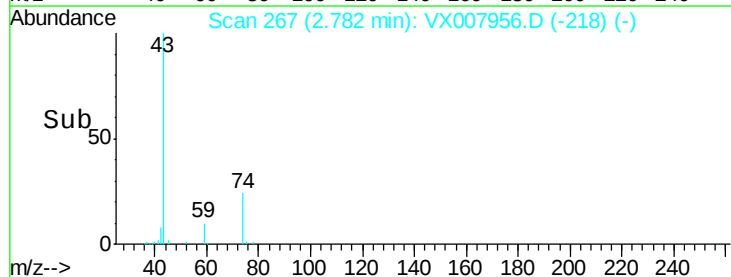
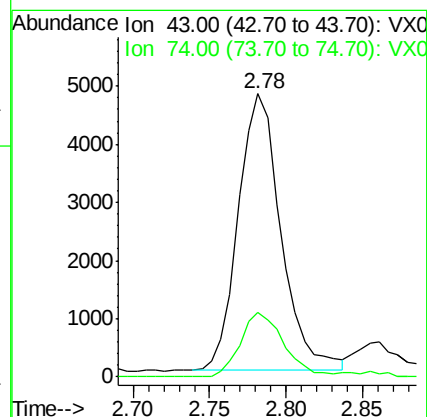
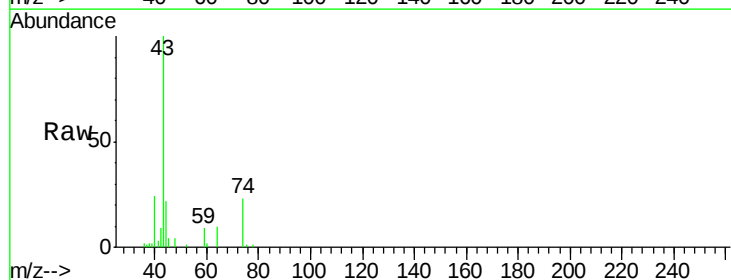
Acq: 09 Mar 2019 02:41

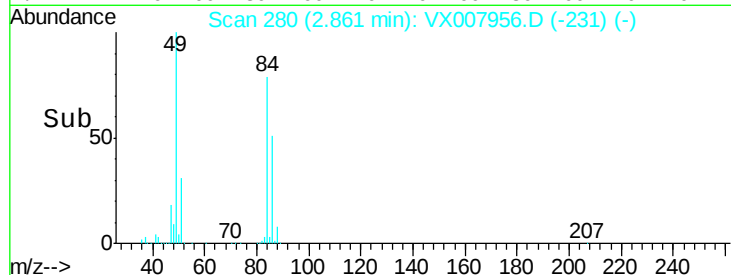
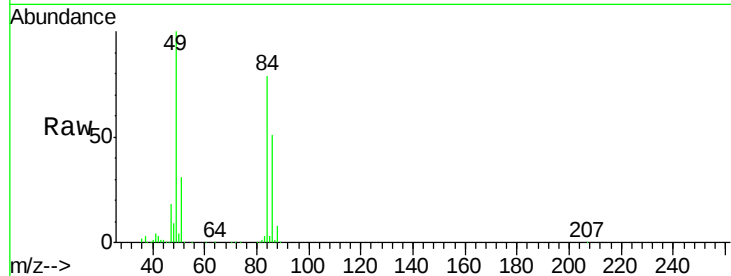
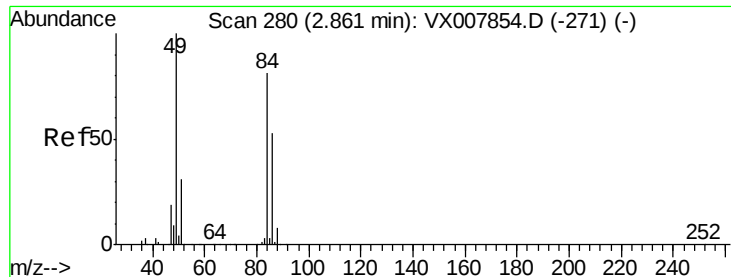
Tgt Ion: 43 Resp: 9239

Ion Ratio Lower Upper

43 100

74 23.8 17.8 26.6



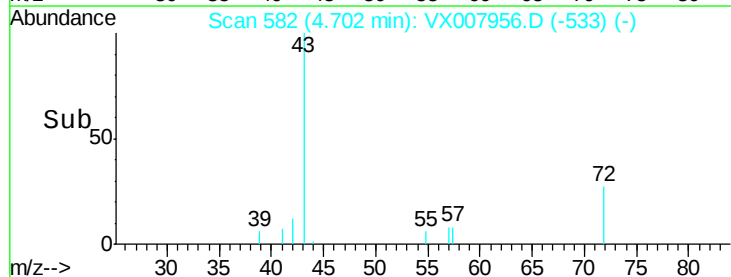
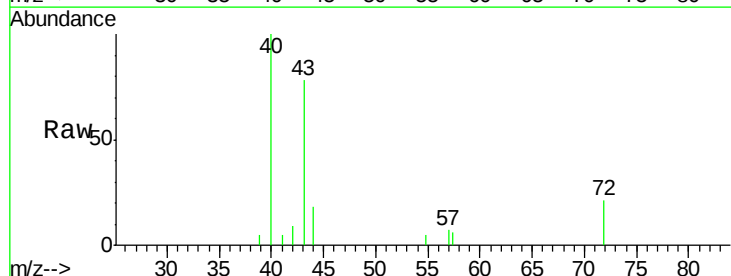
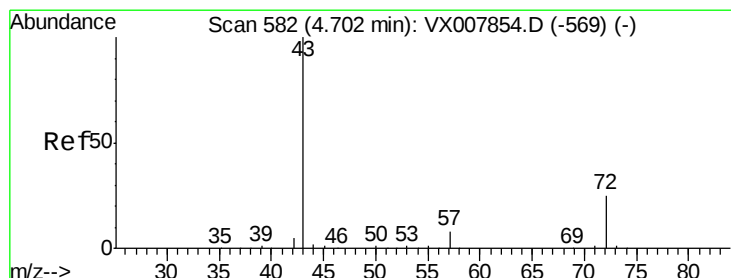
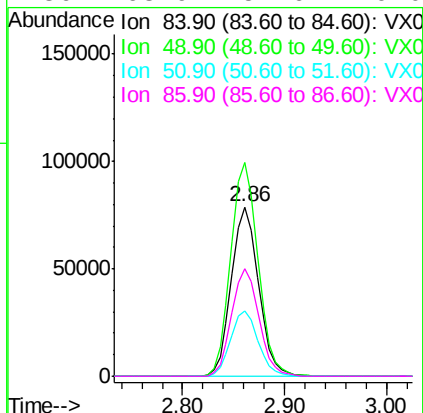


#20
Methylene Chloride
Concen: 56.492 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007956.D
Acq: 09 Mar 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
OR-01-030719-B

Tot Ion: 84 Resp: 145801

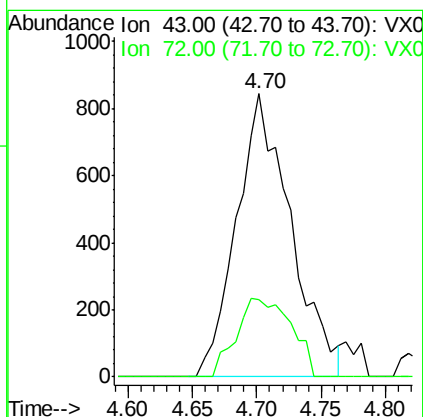
Ion	Ratio	Lower	Upper
84	100		
49	126.3	99.3	148.9
51	38.9	31.3	46.9
86	63.9	52.6	79.0

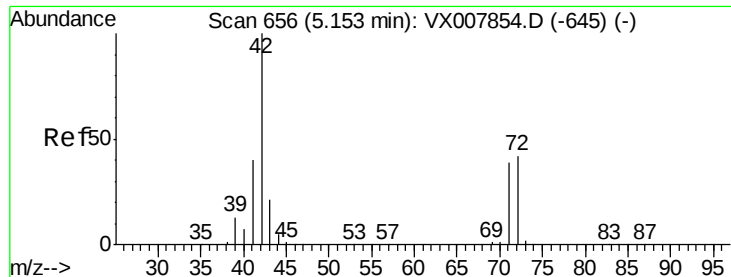


#25
2-Butanone
Concen: 1.072 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX007956.D
Acq: 09 Mar 2019 02:41

Tgt Ion: 43 Resp: 2462

Ion	Ratio	Lower	Upper
43	100		
72	27.2	19.9	29.9

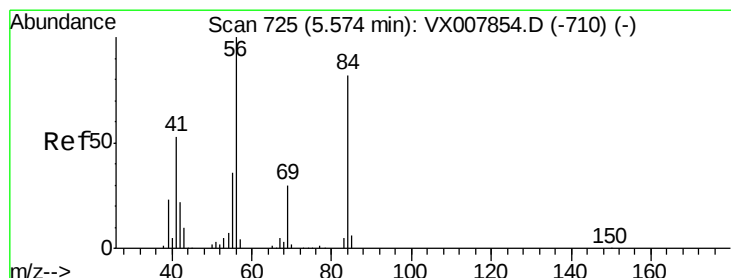
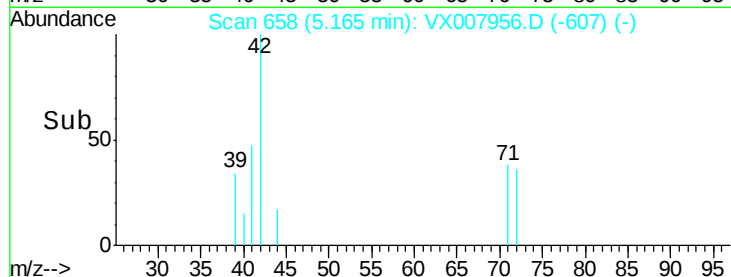
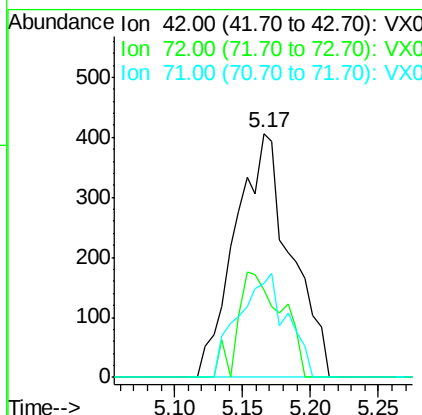
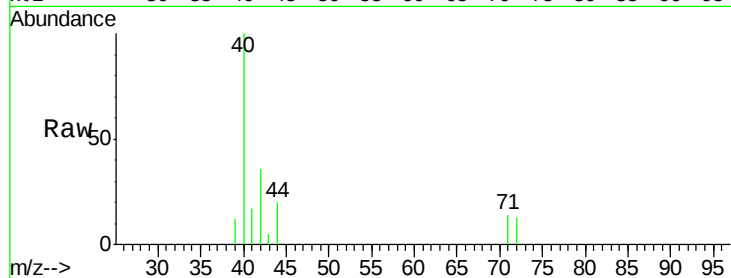




#29
Tetrahydrofuran
Concen: 0.807 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX007956.D
Acq: 09 Mar 2019 02:41

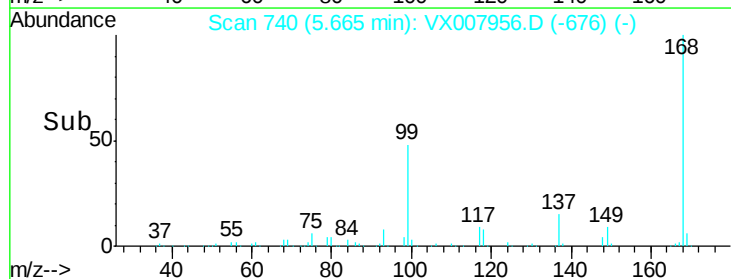
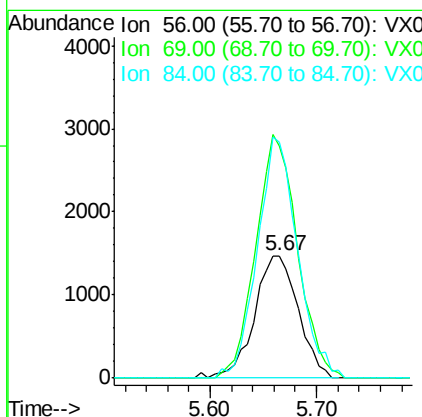
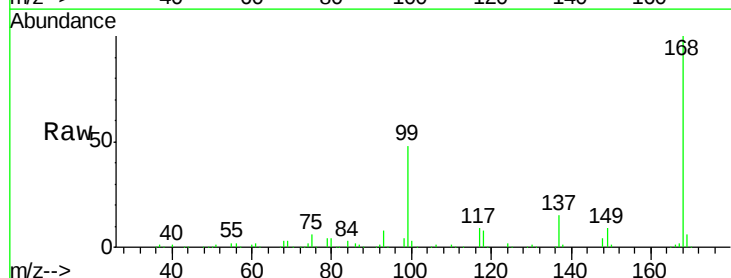
Instrument :
MSVOA_X
ClientSampleId :
OR-01-030719-B

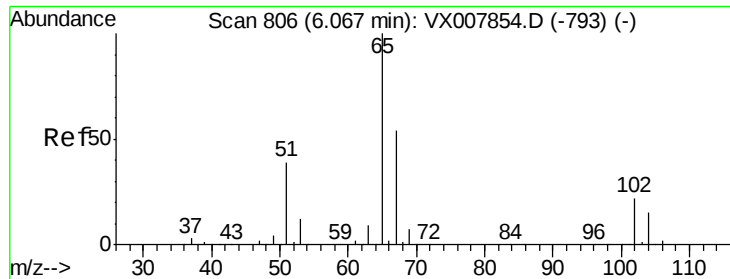
Tot Ion: 42 Resp: 1156
Ion Ratio Lower Upper
42 100
72 34.3 33.8 50.6
71 37.3 31.5 47.3



#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007956.D
Acq: 09 Mar 2019 02:41

Tgt Ion: 56 Resp: 4213
Ion Ratio Lower Upper
56 100
69 189.4 24.0 36.0#
84 192.6 65.3 97.9#

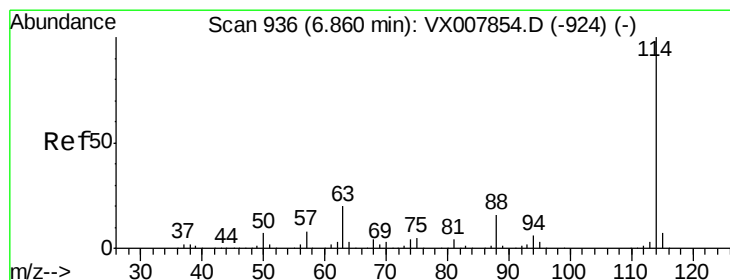
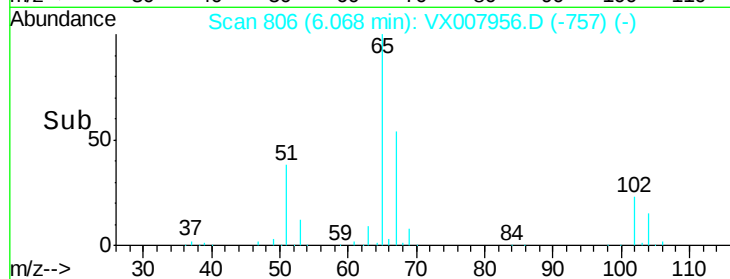
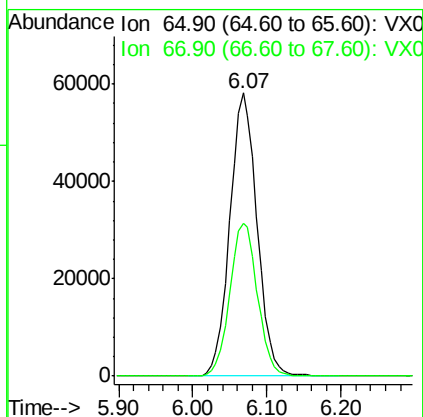
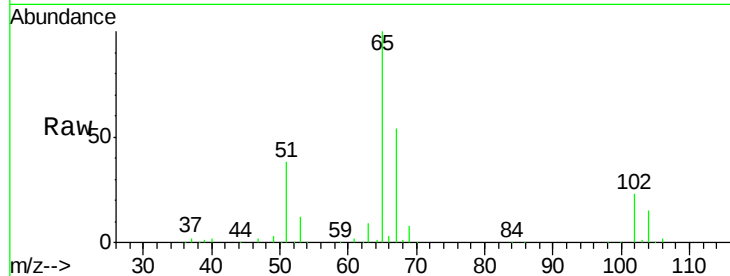




#33
 1,2-Dichloroethane-d4
 Concen: 53.011 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007956.D
 Acq: 09 Mar 2019 02:41

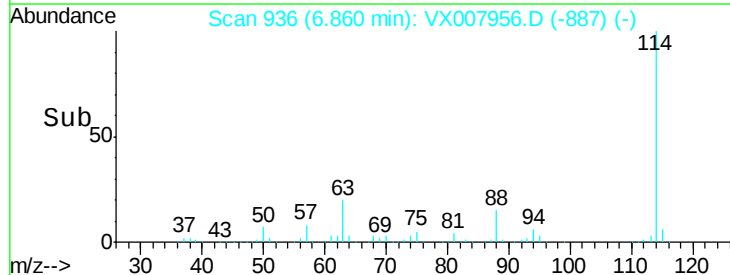
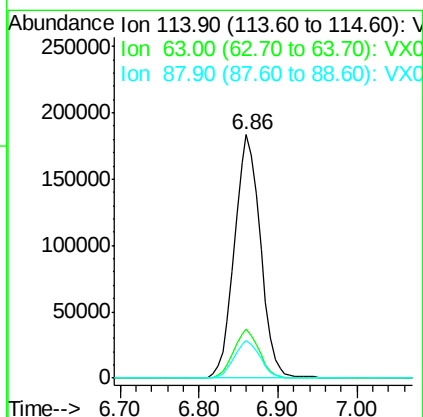
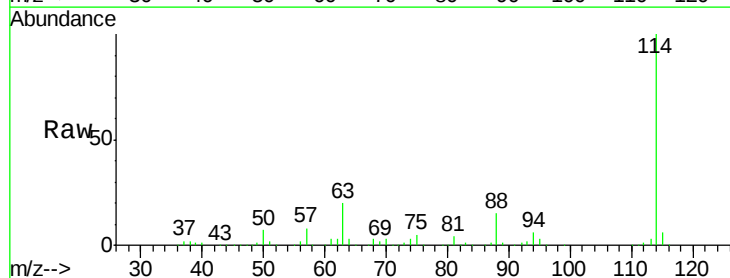
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-01-030719-B

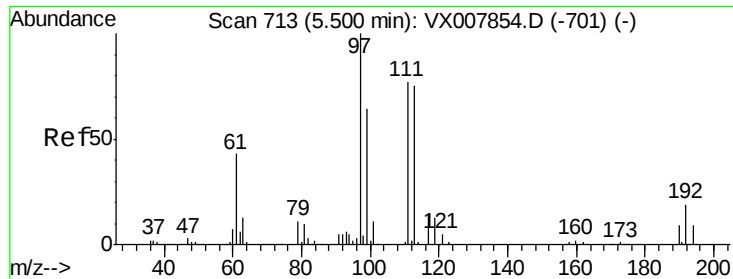
Tot Ion: 65 Resp: 148524
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007956.D
 Acq: 09 Mar 2019 02:41

Tgt Ion: 114 Resp: 421338
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.2 0.0 31.4

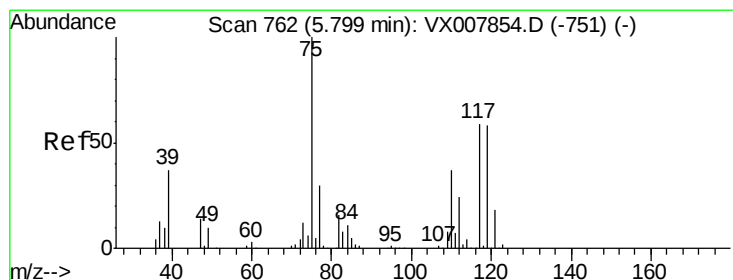
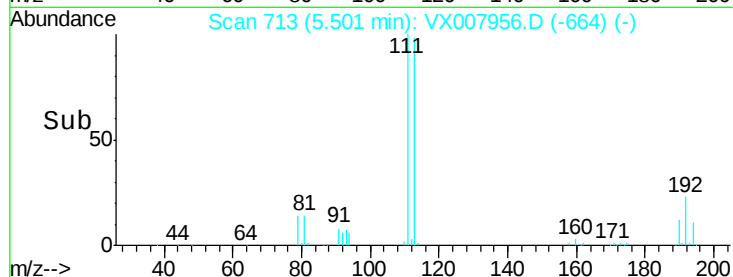
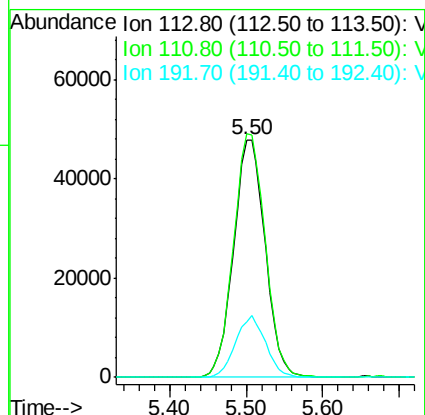
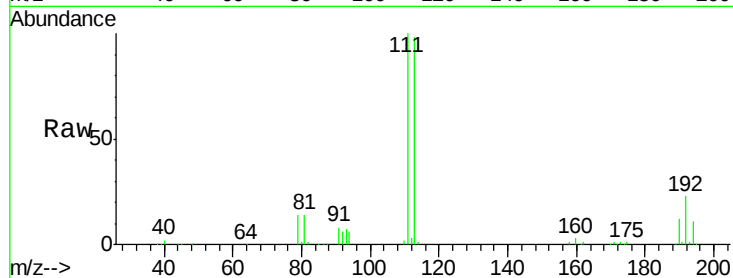




#35
 Dibromofluoromethane
 Concen: 50.728 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007956.D
 Acq: 09 Mar 2019 02:41

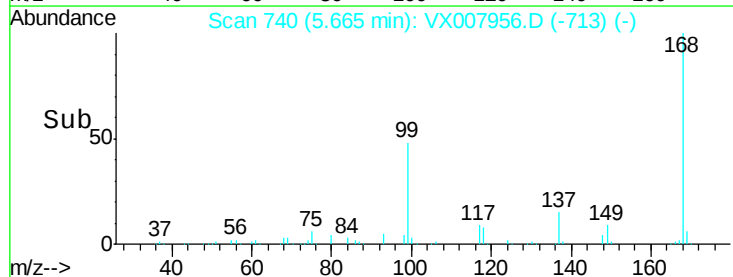
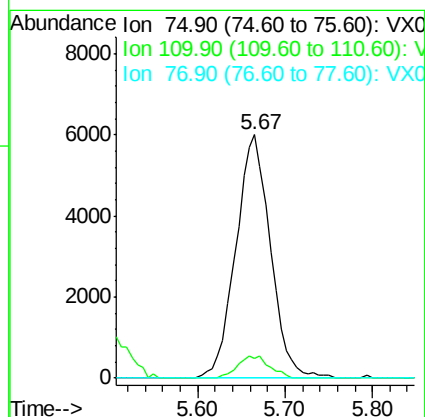
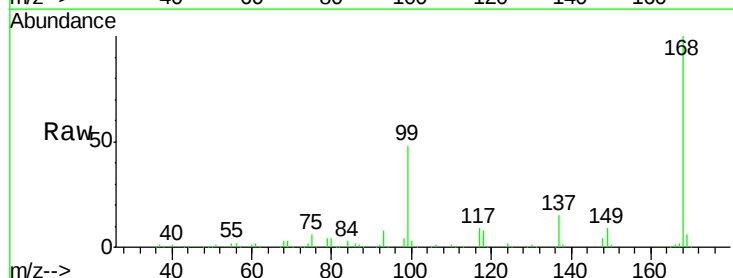
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-01-030719-B

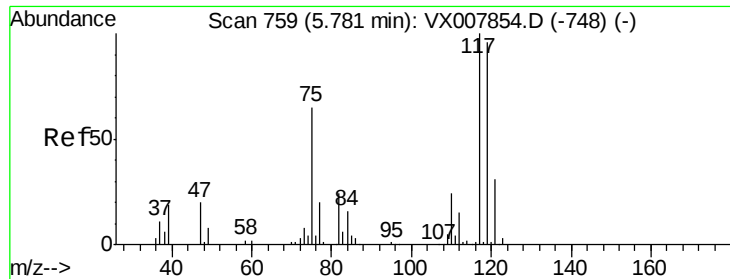
Tot Ion:113 Resp: 136720
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 24.9 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 4.328 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007956.D
 Acq: 09 Mar 2019 02:41

Tgt Ion: 75 Resp: 16513
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.4 55.0#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.301 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

OR-01-030719-B

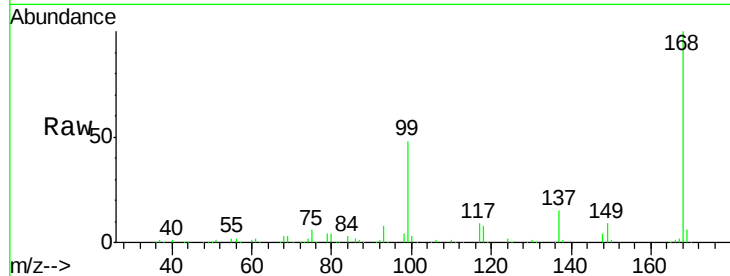
Tot Ion:117 Resp: 22822

Ion Ratio Lower Upper

117 100

119 5.7 76.2 114.2#

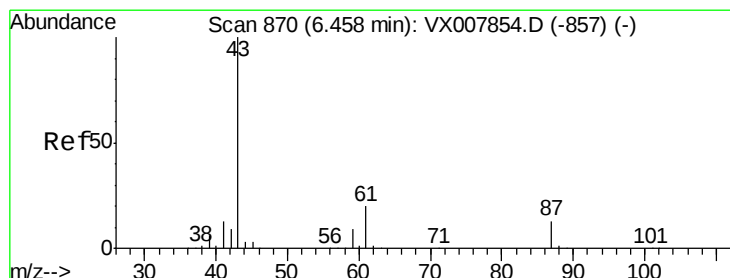
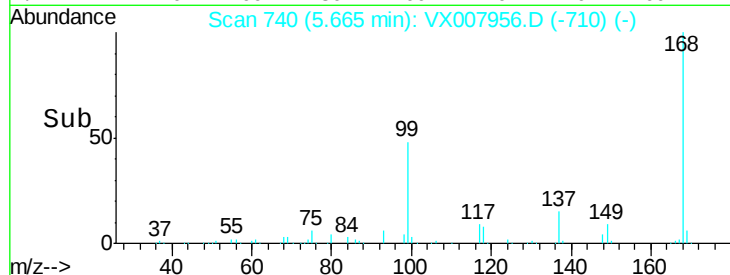
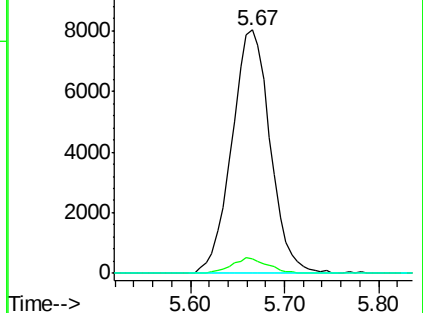
121 0.0 24.6 36.8#



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: 2.180 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

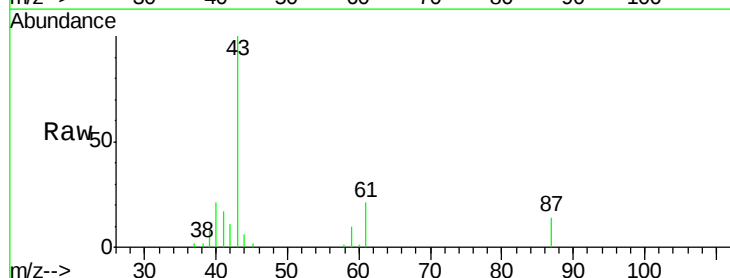
Tgt Ion: 43 Resp: 14608

Ion Ratio Lower Upper

43 100

61 21.9 16.3 24.5

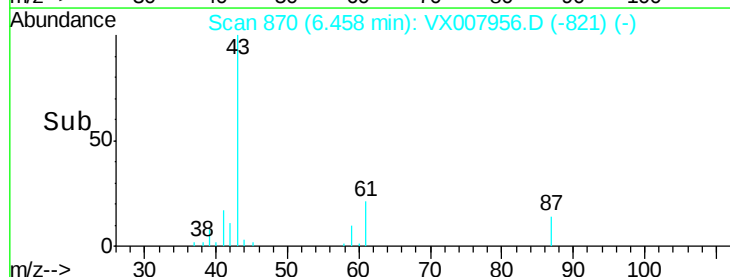
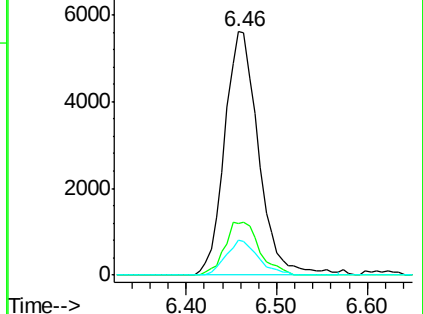
87 13.6 10.5 15.7

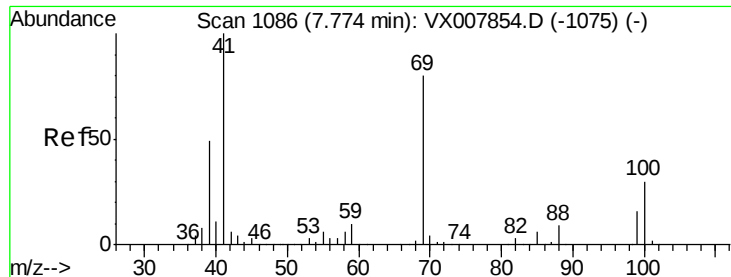


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

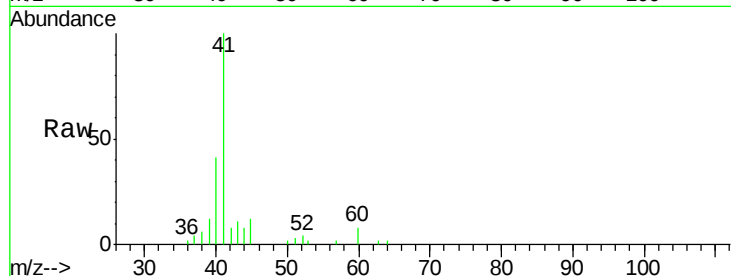




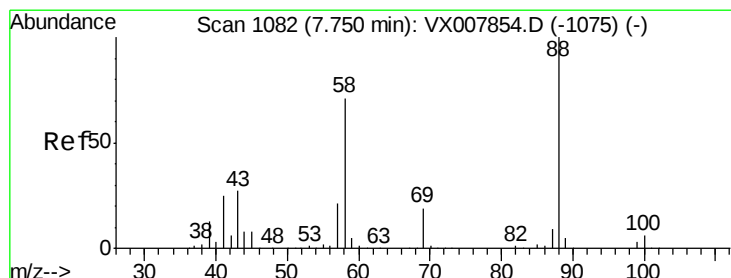
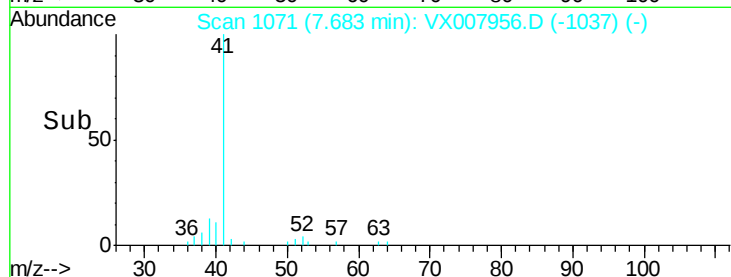
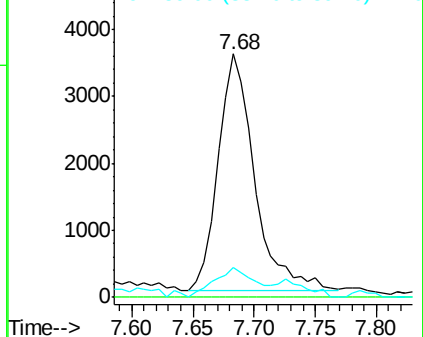
#48
Methvl methacrylate
Concen: 2.078 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX007956.D
Acq: 09 Mar 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
OR-01-030719-B

Tot Ion: 41 Resp: 7321
Ion Ratio Lower Upper
41 100
69 0.0 65.2 97.8#
39 0.0 39.4 59.2#

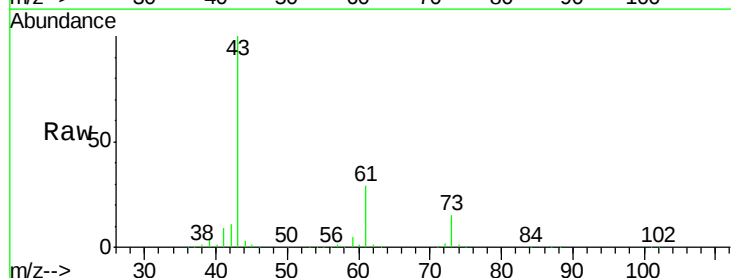


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

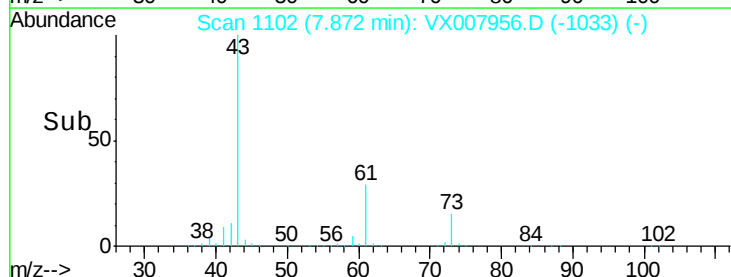
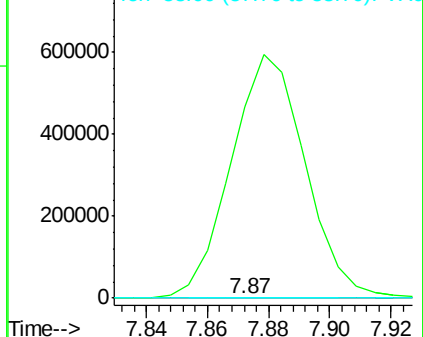


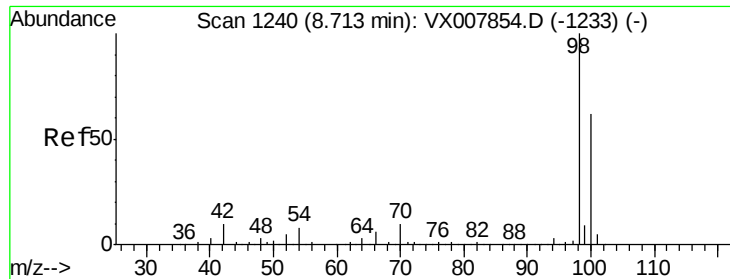
#49
1,4-Dioxane
Concen: 2.322 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.12 min
Lab File: VX007956.D
Acq: 09 Mar 2019 02:41

Tgt Ion: 88 Resp: 168
Ion Ratio Lower Upper
88 100
43 601342.3 25.1 37.7#
58 2545.8 57.8 86.6#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 52.204 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

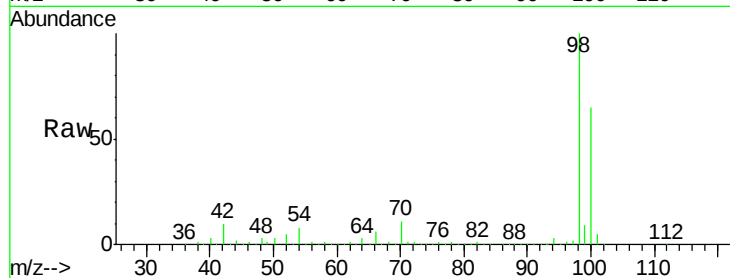
OR-01-030719-B

Tot Ion: 98 Resp: 516722

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

300000

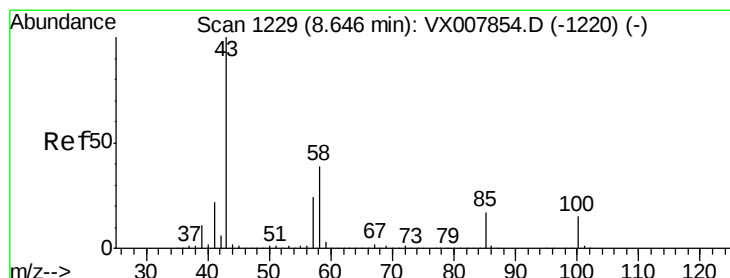
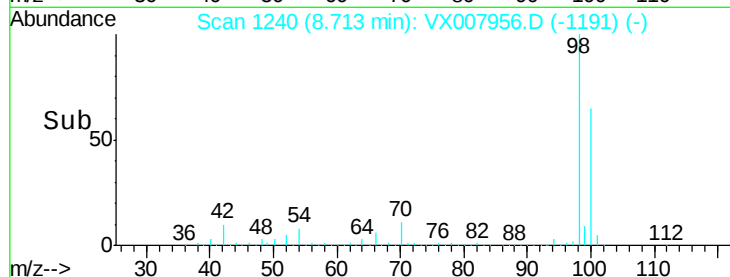
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#51

4-Methyl-2-Pentanone

Concen: 15.293 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX007956.D

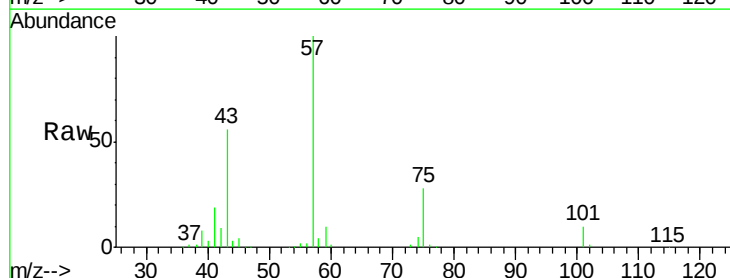
Acq: 09 Mar 2019 02:41

Tgt Ion: 43 Resp: 65897

Ion Ratio Lower Upper

43 100

58 8.5 31.3 46.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

50000

40000

30000

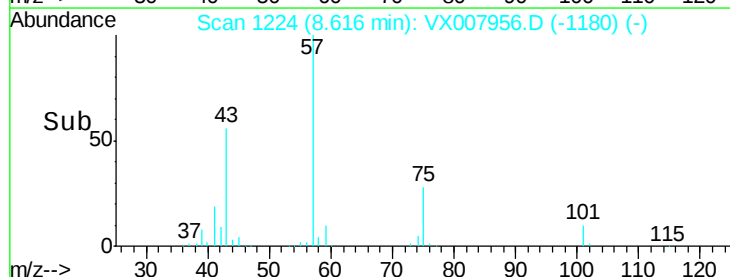
20000

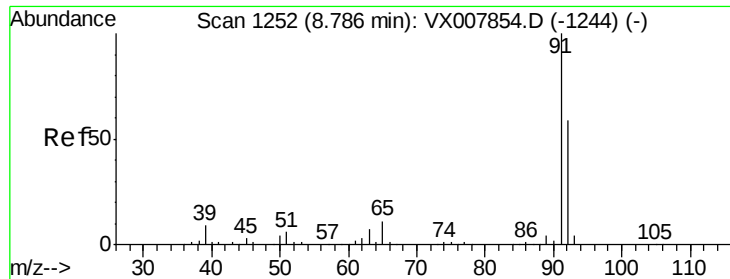
10000

0

Time-->

8.50 8.60 8.70





#52

Toluene

Concen: 0.299 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

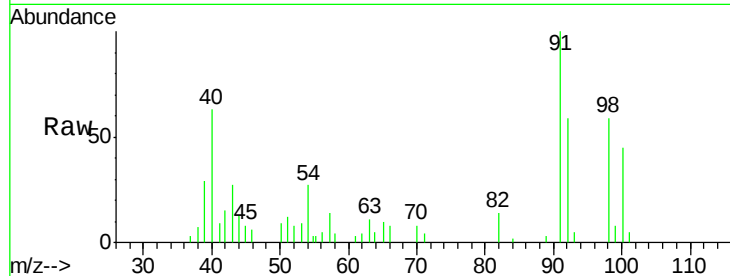
OR-01-030719-B

Tot Ion: 92 Resp: 2071

Ion Ratio Lower Upper

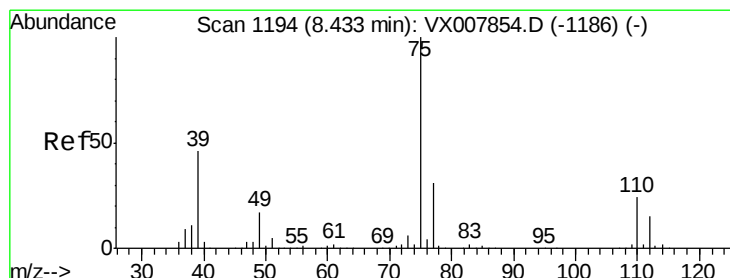
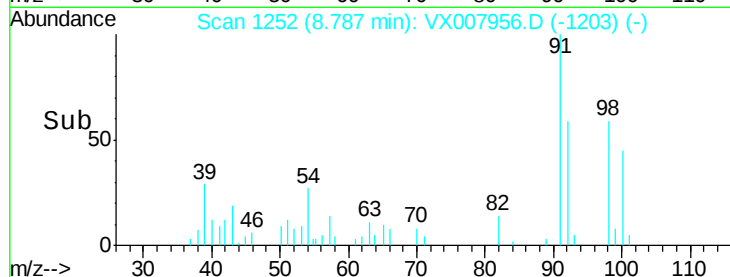
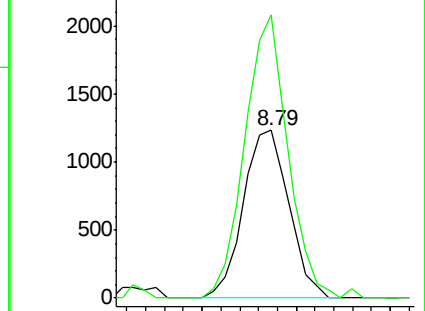
92 100

91 160.1 137.4 206.0



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: 7.749 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

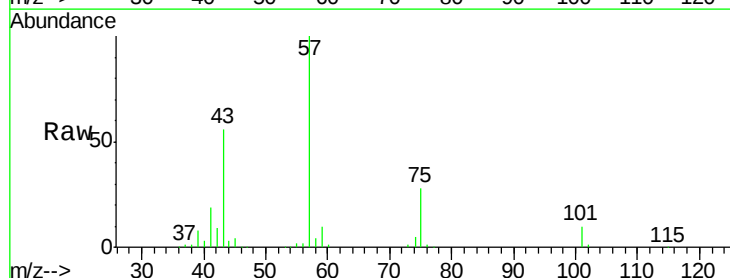
Tgt Ion: 75 Resp: 32876

Ion Ratio Lower Upper

75 100

77 0.7 25.0 37.6#

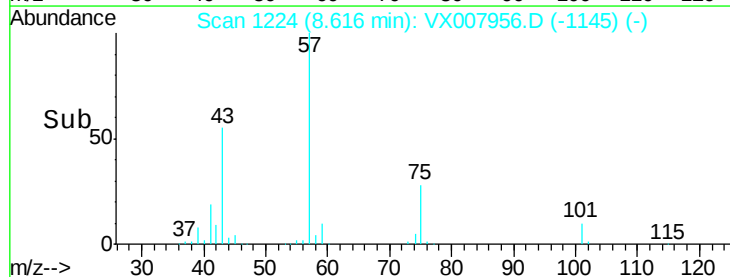
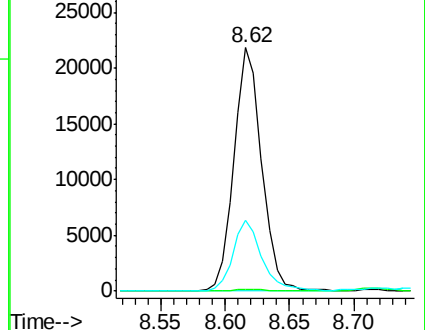
39 29.0 36.6 54.8#

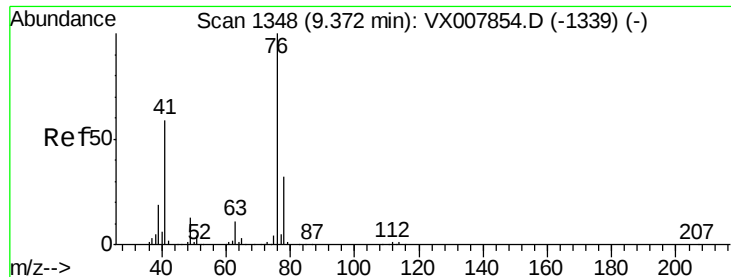


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.697 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

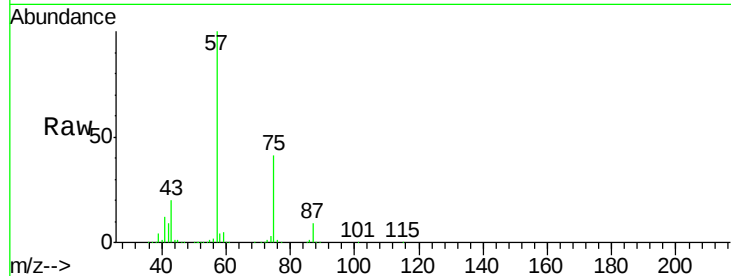
OR-01-030719-B

Tot Ion: 76 Resp: 7999

Ion Ratio Lower Upper

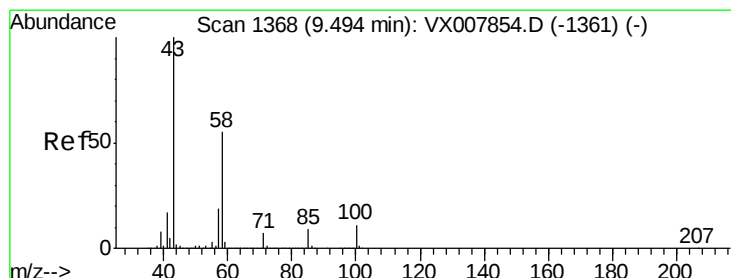
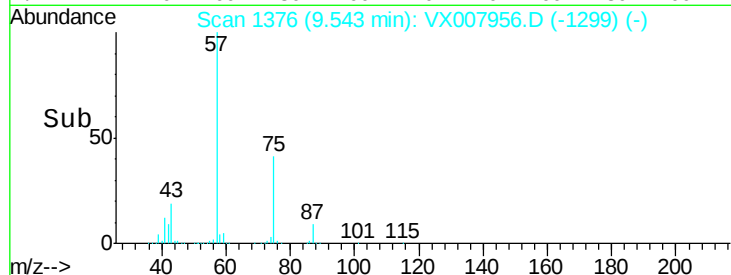
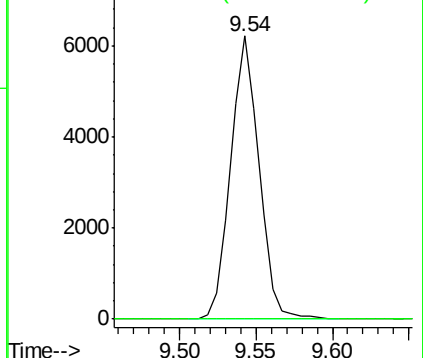
76 100

78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 32.325 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX007956.D

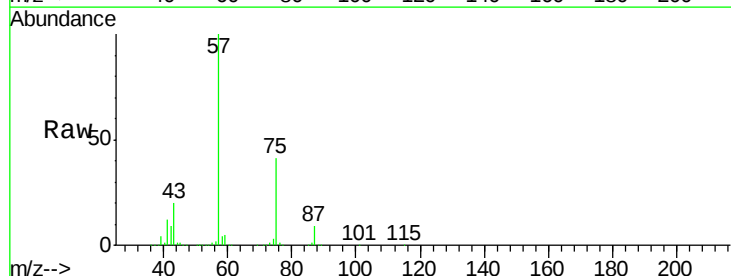
Acq: 09 Mar 2019 02:41

Tgt Ion: 43 Resp: 108142

Ion Ratio Lower Upper

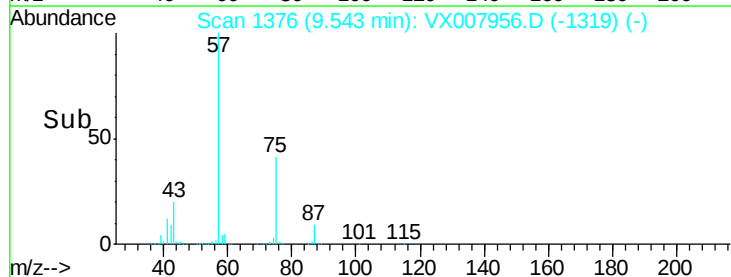
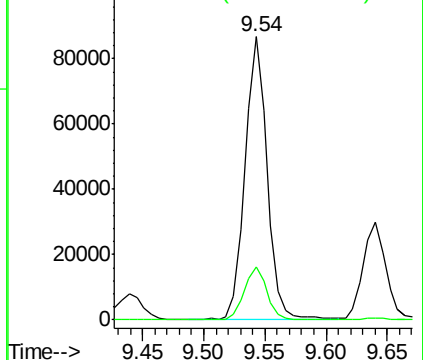
43 100

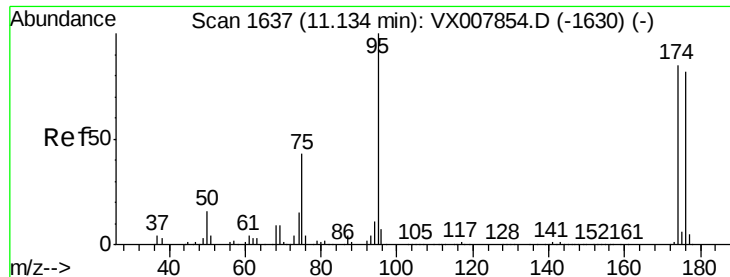
58 19.1 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.125 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

OR-01-030719-B

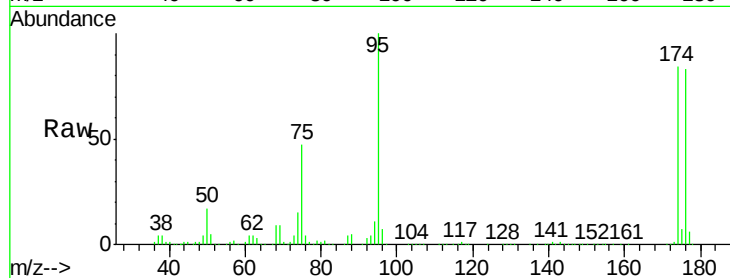
Tot Ion: 95 Resp: 187829

Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.8

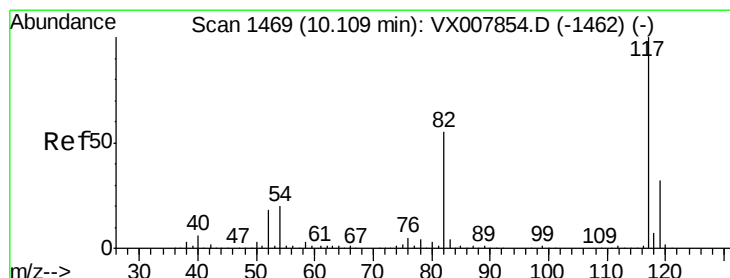
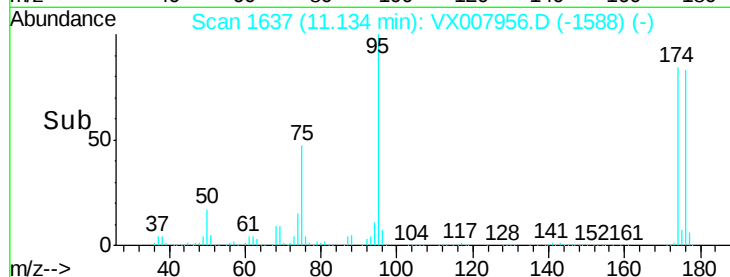
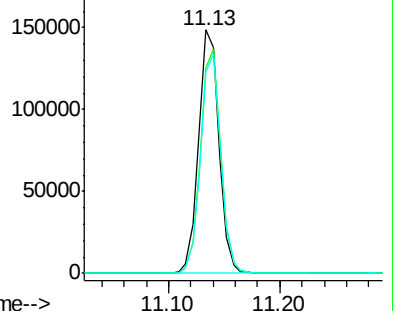
176 89.4 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

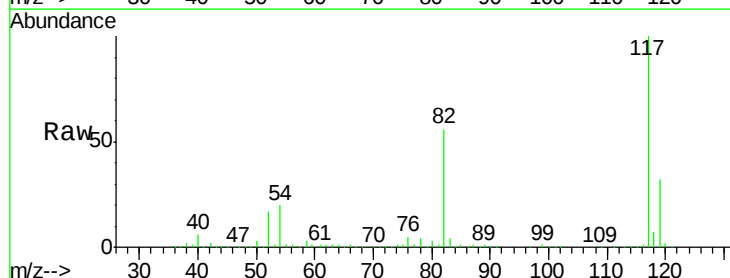
Tgt Ion: 117 Resp: 399428

Ion Ratio Lower Upper

117 100

82 55.6 44.3 66.5

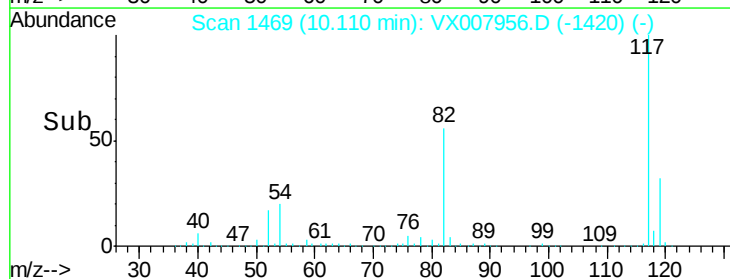
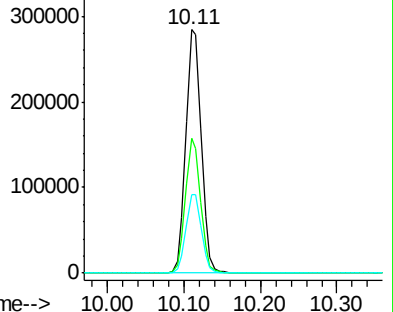
119 32.0 25.3 37.9

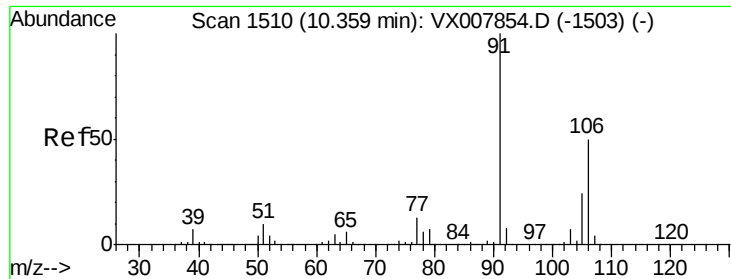


Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)

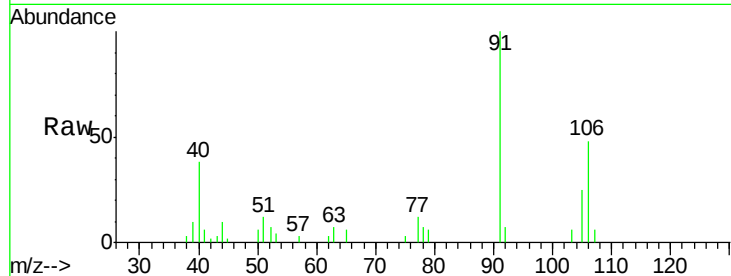




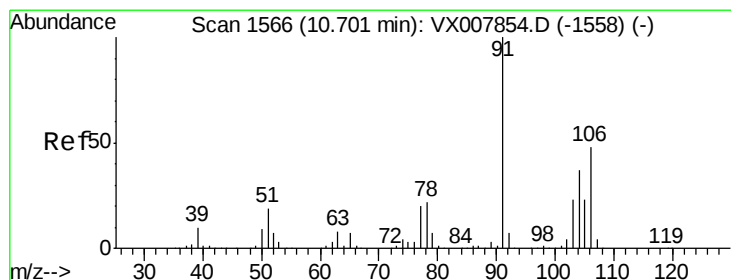
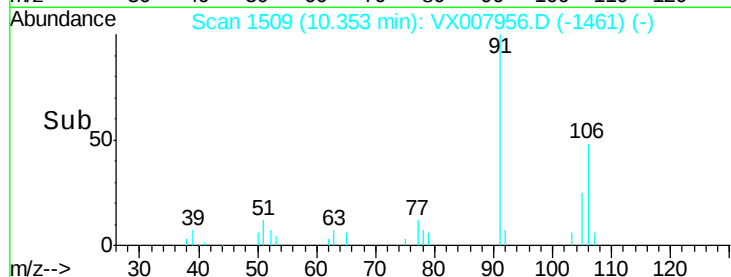
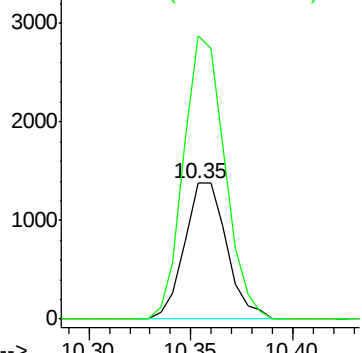
#68
m/p-Xylenes
Concen: 0.376 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX007956.D
Acq: 09 Mar 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
OR-01-030719-B

Tot Ion:106 Resp: 1994
Ion Ratio Lower Upper
106 100
91 201.6 159.8 239.6

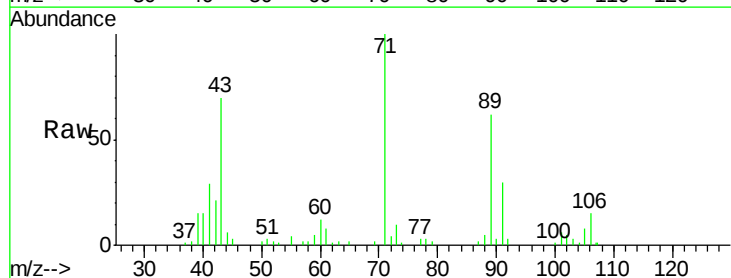


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

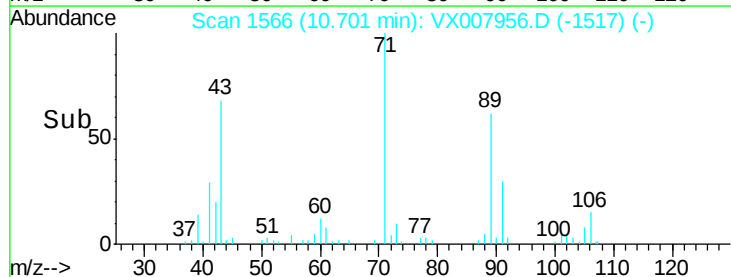
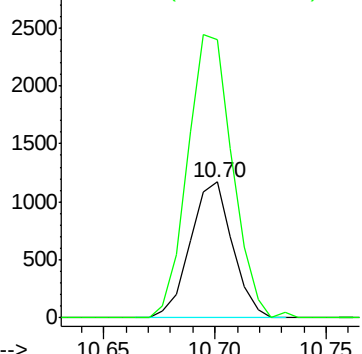


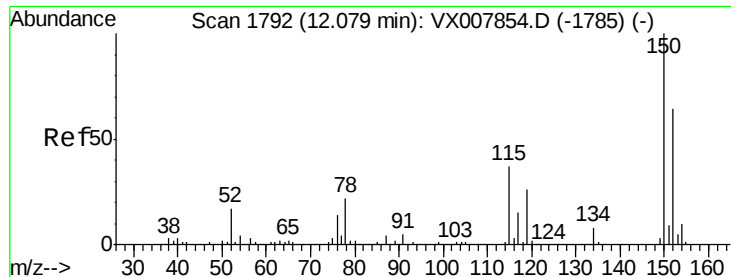
#69
o-Xylene
Concen: 0.303 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007956.D
Acq: 09 Mar 2019 02:41

Tgt Ion:106 Resp: 1549
Ion Ratio Lower Upper
106 100
91 221.4 106.3 318.9



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

OR-01-030719-B

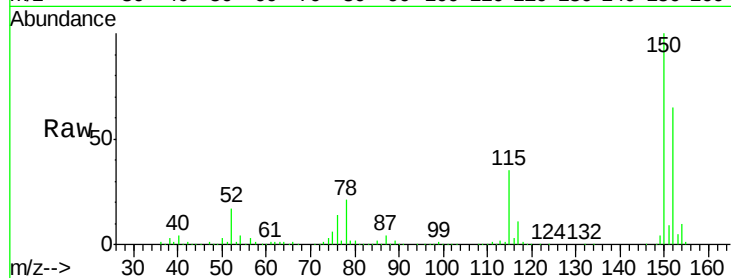
Tot Ion:152 Resp: 193538

Ion Ratio Lower Upper

152 100

115 55.0 38.6 115.7

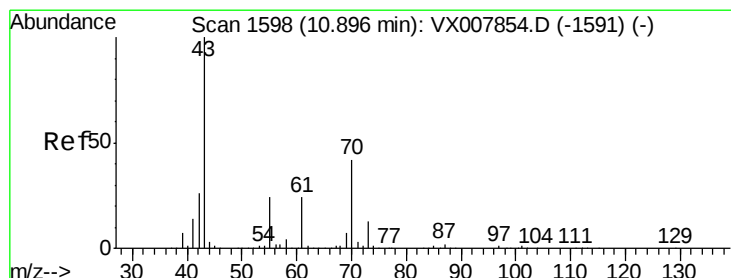
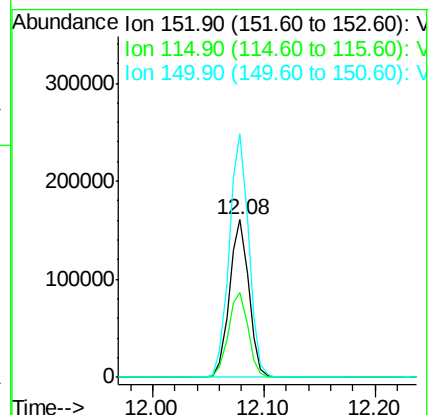
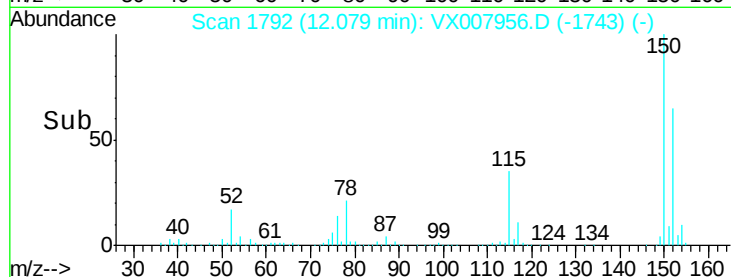
150 155.3 0.0 348.4



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: 1.674 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX007956.D

Acq: 09 Mar 2019 02:41

Tgt Ion: 43 Resp: 10004

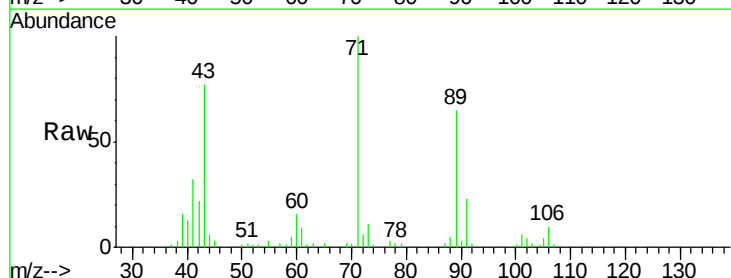
Ion Ratio Lower Upper

43 100

70 1.9 33.5 50.3#

55 4.8 19.2 28.8#

61 11.1 19.0 28.6#

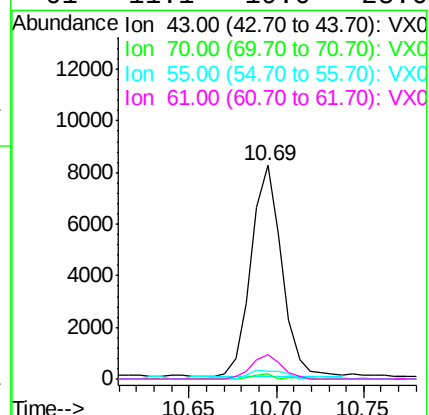
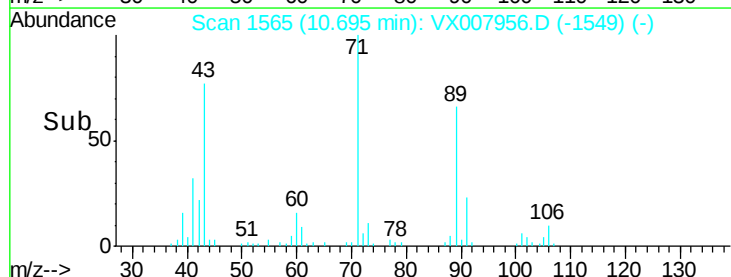


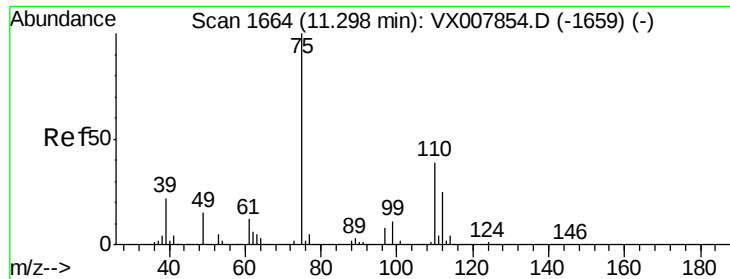
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

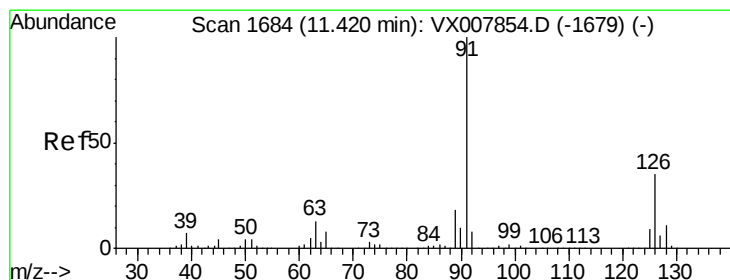
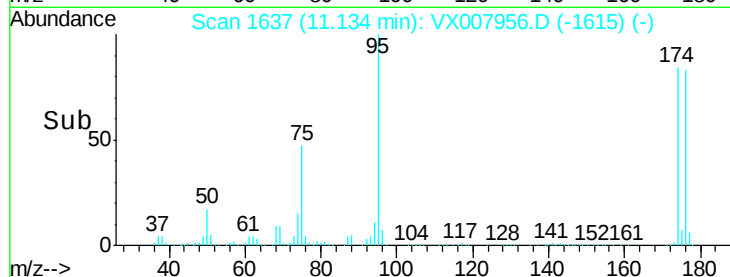
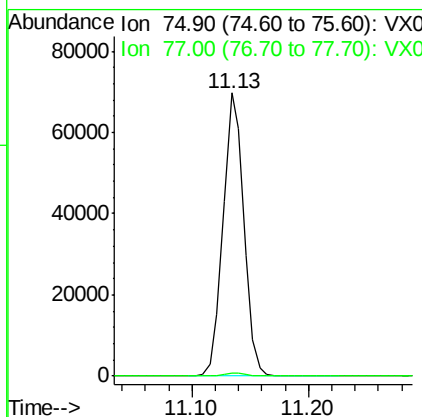
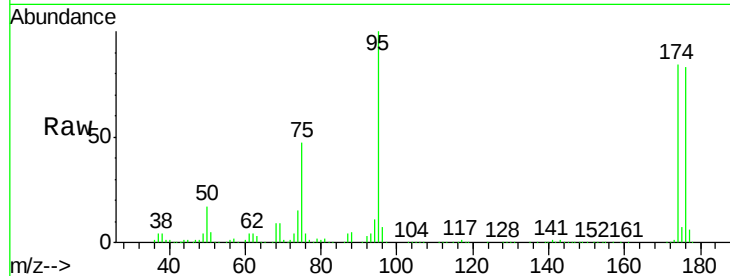




#76
 1,2,3-Trichloropropane
 Concen: 21.122 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007956.D
 Acq: 09 Mar 2019 02:41

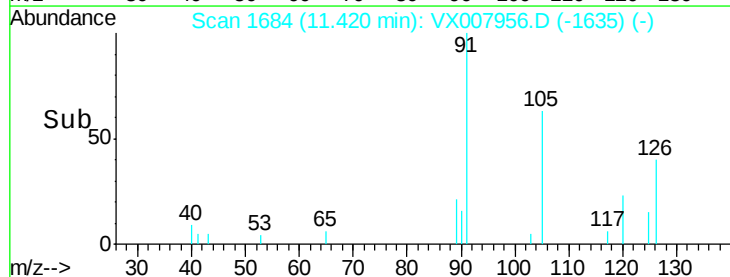
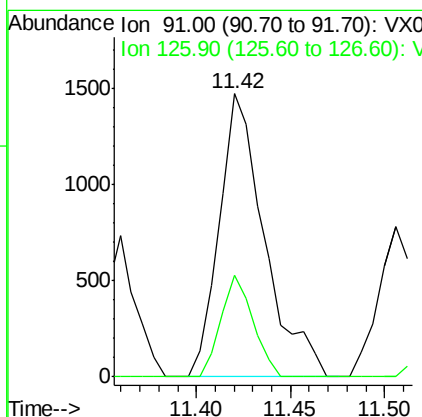
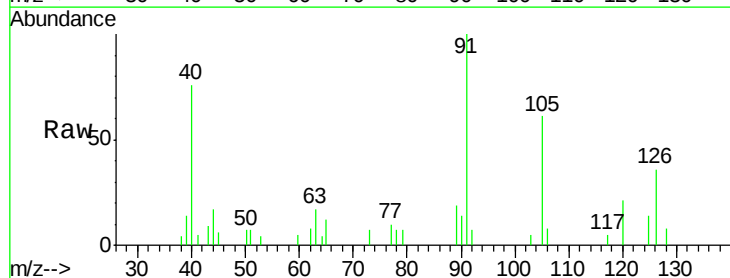
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-01-030719-B

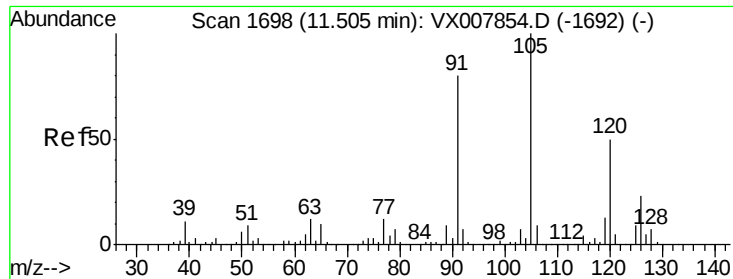
Tot Ion: 75 Resp: 85783
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.7#



#79
 2-Chlorotoluene
 Concen: 0.276 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007956.D
 Acq: 09 Mar 2019 02:41

Tgt Ion: 91 Resp: 2452
 Ion Ratio Lower Upper
 91 100
 126 25.5 17.5 52.6

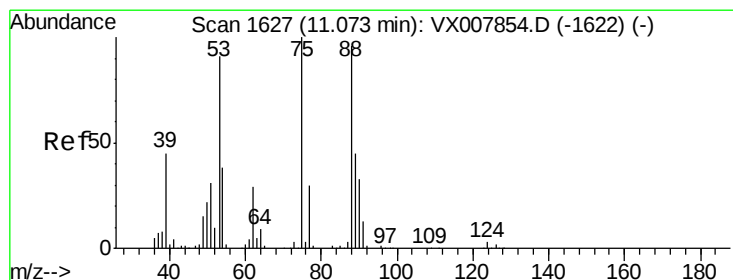
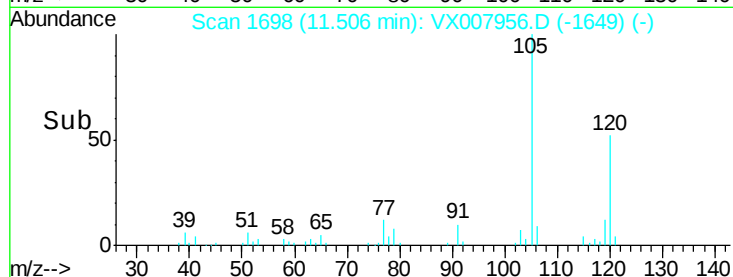
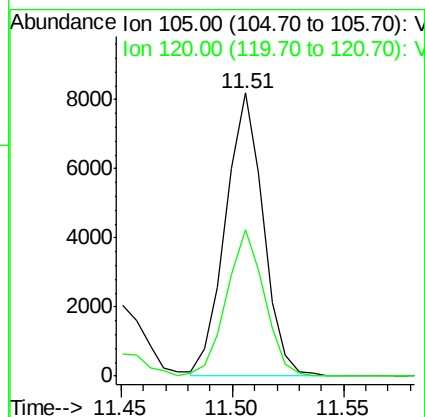
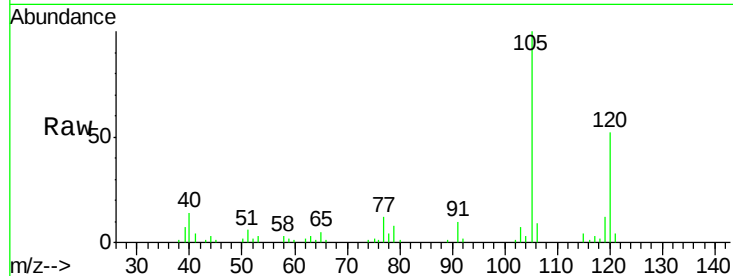




#80
 1,3,5-Trimethylbenzene
 Concen: 0.896 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007956.D
 Acq: 09 Mar 2019 02:41

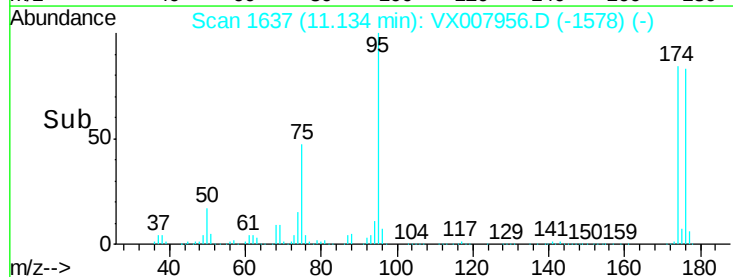
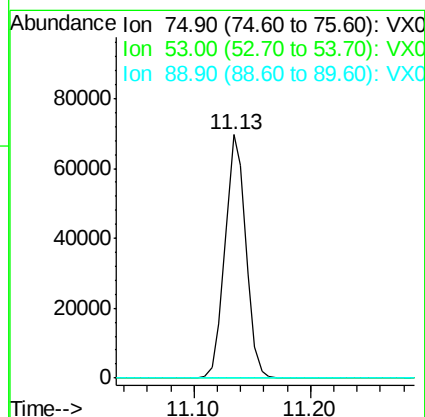
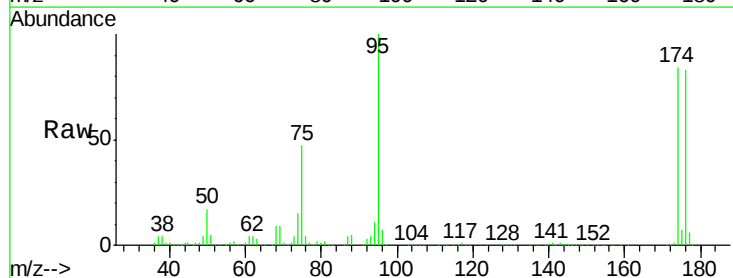
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-01-030719-B

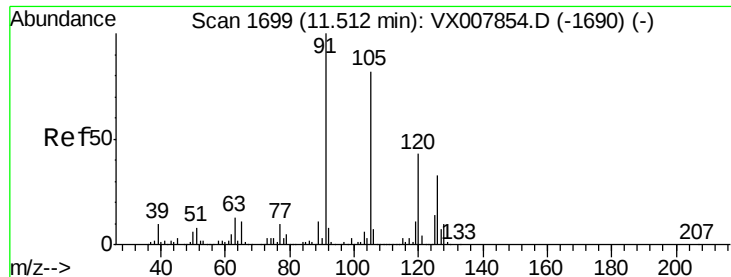
Tot Ion:105 Resp: 9650
 Ion Ratio Lower Upper
 105 100
 120 51.9 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.518 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007956.D
 Acq: 09 Mar 2019 02:41

Tgt Ion: 75 Resp: 85783
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.0 36.3 54.5#

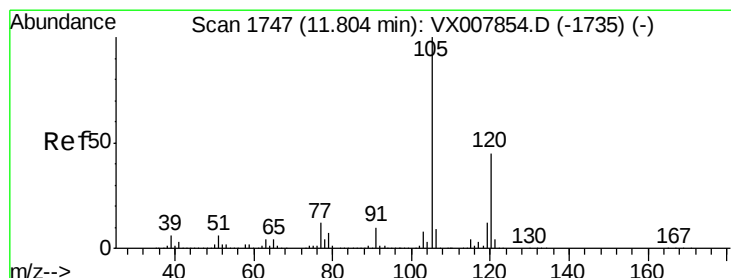
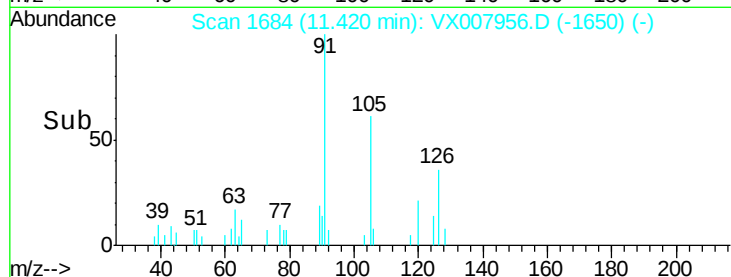
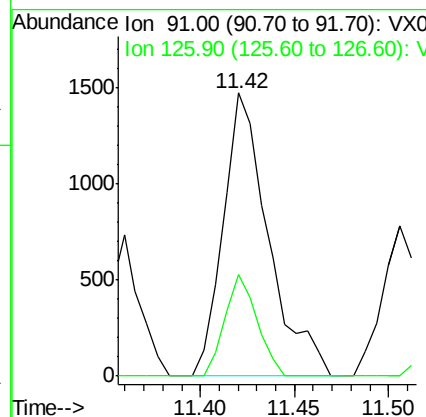
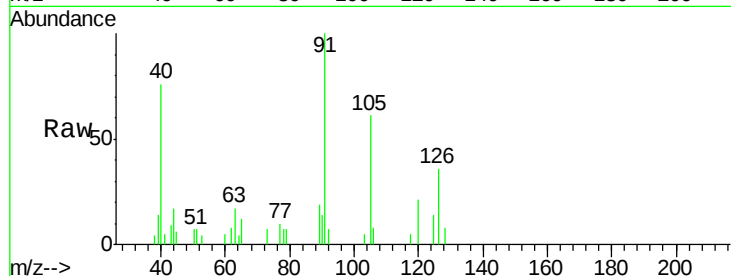




#82
4-Chlorotoluene
Concen: 0.241 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.09 min
Lab File: VX007956.D
Acq: 09 Mar 2019 02:41

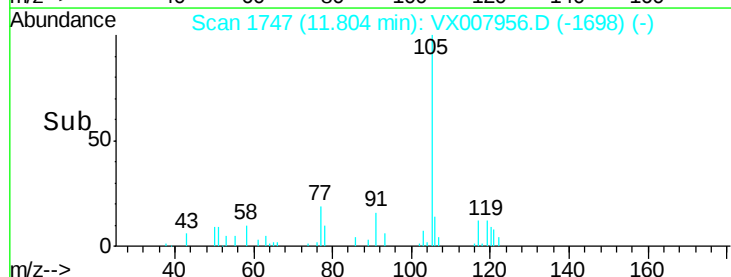
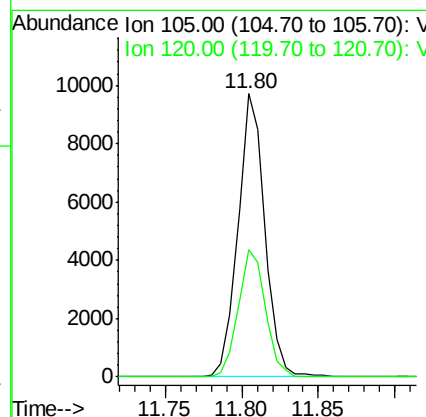
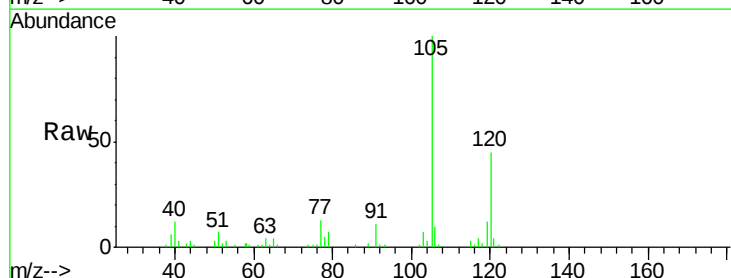
Instrument :
MSVOA_X
ClientSampleId :
OR-01-030719-B

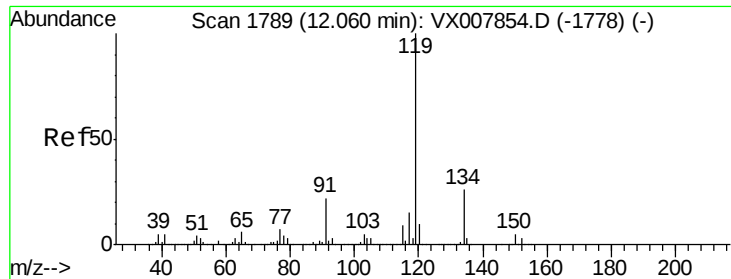
Tot Ion: 91 Resp: 2452
Ion Ratio Lower Upper
91 100
126 25.5 15.6 46.8



#84
1,2,4-Trimethylbenzene
Concen: 1.066 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007956.D
Acq: 09 Mar 2019 02:41

Tgt Ion: 105 Resp: 11770
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.7

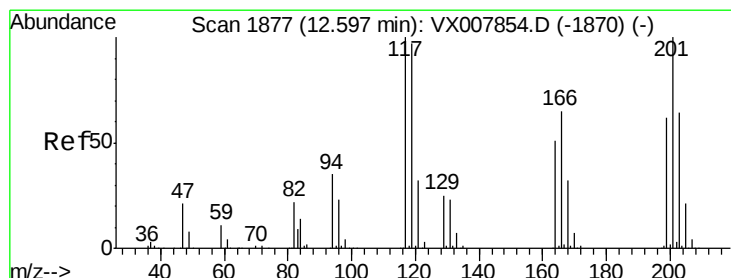
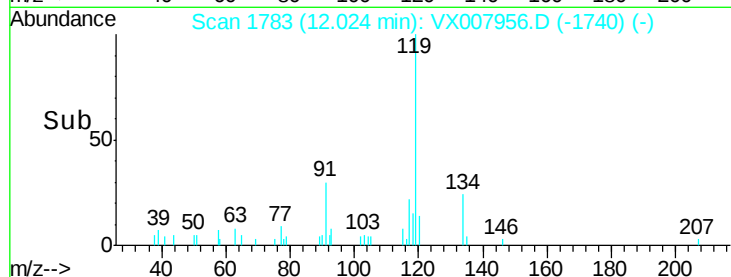
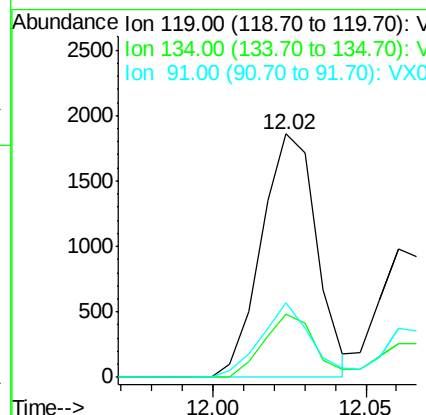
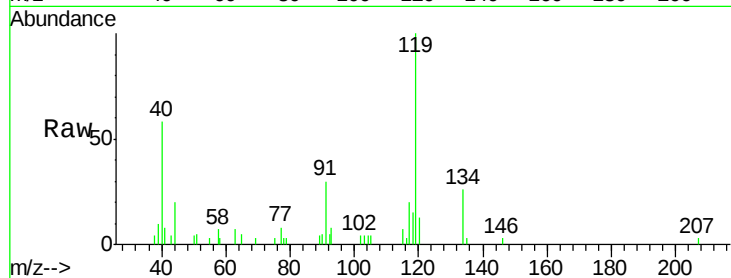




#86
p-Isopropyltoluene
Concen: 0.203 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX007956.D
Acq: 09 Mar 2019 02:41

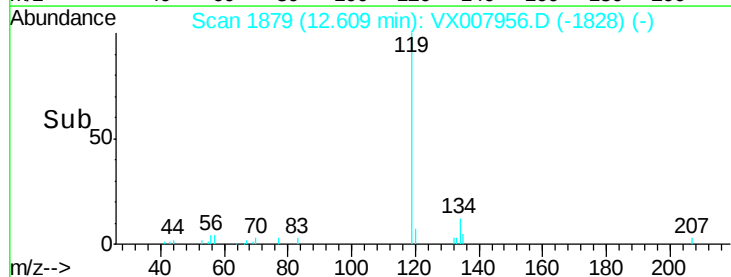
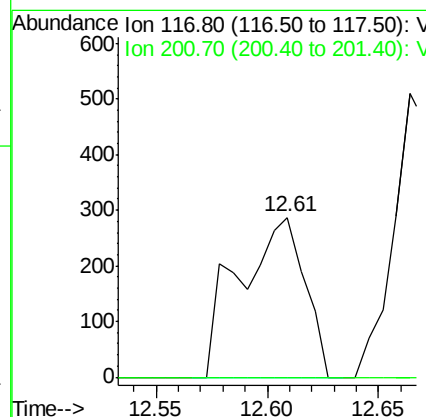
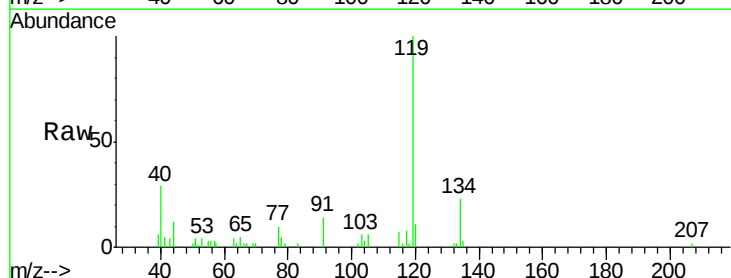
Instrument :
MSVOA_X
ClientSampleId :
OR-01-030719-B

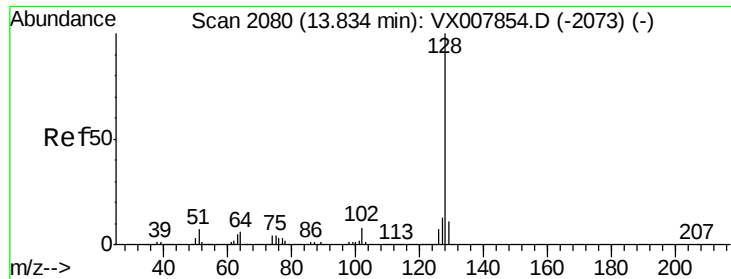
Tot Ion:119 Resp: 2329
Ion Ratio Lower Upper
119 100
134 24.1 13.3 39.9
91 28.8 10.9 32.7



#90
Hexachloroethane
Concen: 0.307 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX007956.D
Acq: 09 Mar 2019 02:41

Tgt Ion:117 Resp: 588
Ion Ratio Lower Upper
117 100
201 0.0 48.9 146.7#

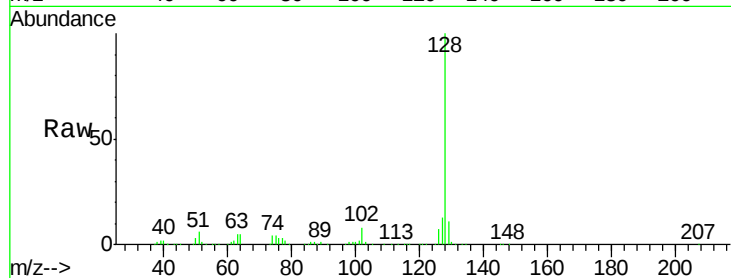




#95
Naphthalene
Concen: 7.033 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007956.D
Acq: 09 Mar 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
OR-01-030719-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.3	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

