

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009406.D
 Acq On : 08 May 2019 18:18
 Operator : JC/SP
 Sample : K2643-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-050719-B

Quant Time: May 09 06:32:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	284049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104634	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	115434	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
35) Dibromofluoromethane	5.50	113	86690	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	8.71	98	358014	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	117823	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.04	59	764	1.371	ug/l #	73
13) Acrolein	2.29	56	216	0.428	ug/l #	48
16) Acetone	2.45	43	13251	10.252	ug/l	96
18) Methyl Acetate	2.78	43	5665	1.843	ug/l	93
20) Methylene Chloride	2.85	84	147359	70.410	ug/l	98
25) 2-Butanone	4.70	43	2710	1.349	ug/l	93
28) Bromochloromethane	5.05	49	31	Below Cal	#	20
30) Chloroform	5.22	83	1347	0.389	ug/l	100
31) Cyclohexane	5.67	56	3734	1.049	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13747	5.208	ug/l #	50
37) Ethyl Acetate	4.70	43	2710	0.737	ug/l #	74
38) Carbon Tetrachloride	5.66	117	16552	6.901	ug/l #	16
43) Isopropyl Acetate	6.45	43	12530	2.130	ug/l	98
48) Methyl methacrylate	7.68	41	7512	2.574	ug/l #	19
49) 1,4-Dioxane	7.88	88	227	3.835	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	87909	22.862	ug/l #	51
52) Toluene	8.78	92	1514	0.305	ug/l	92
54) cis-1,3-Dichloropropene	8.62	75	37752	11.274	ug/l #	59
57) 1,3-Dichloropropane	9.54	76	8235	2.310	ug/l #	43
59) 2-Hexanone	9.44	43	12035	3.985	ug/l #	26
67) Ethyl Benzene	10.25	91	20018	2.181	ug/l	97
68) m/p-Xylenes	10.35	106	33941	10.120	ug/l	97
69) o-Xylene	10.69	106	15142	4.576	ug/l	99
70) Styrene	10.71	104	1898	0.330	ug/l #	1
74) N-amyl acetate	10.69	43	13625	3.071	ug/l #	58
76) 1,2,3-Trichloropropane	11.13	75	59166	24.377	ug/l #	34
78) n-propylbenzene	11.36	91	5908	0.680	ug/l	98
79) 2-Chlorotoluene	11.43	91	6027	1.124	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.51	105	23623	3.687	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	59166	62.372	ug/l #	10
82) 4-Chlorotoluene	11.51	91	2684	0.443	ug/l #	47
83) tert-Butylbenzene	12.02	119	2355	0.378	ug/l	75
84) 1,2,4-Trimethylbenzene	11.80	105	111818	17.388	ug/l	99
85) sec-Butylbenzene	11.80	105	111818	15.133	ug/l #	58

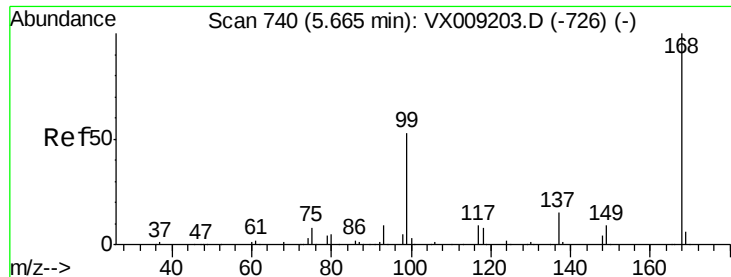
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
Data File : VX009406.D
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Quant Time: May 09 06:32:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.02	119	2355	0.355	ug/l	87
89) n-Butylbenzene	12.37	91	2726	0.454	ug/l #	7
90) Hexachloroethane	12.58	117	589	0.520	ug/l #	7
95) Naphthalene	13.83	128	49515	6.490	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

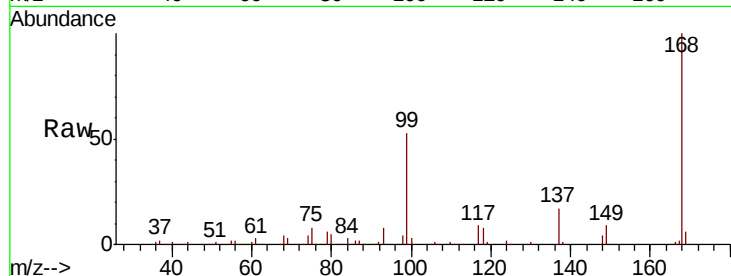
OR-03-050719-B

Tot Ion:168 Resp: 176337

Ion Ratio Lower Upper

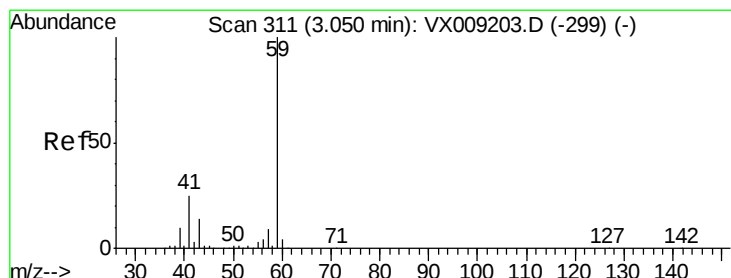
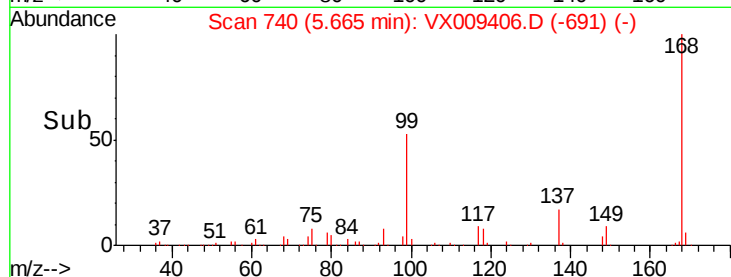
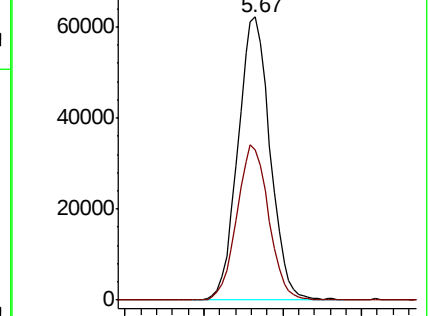
168 100

99 53.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 1.371 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX009406.D

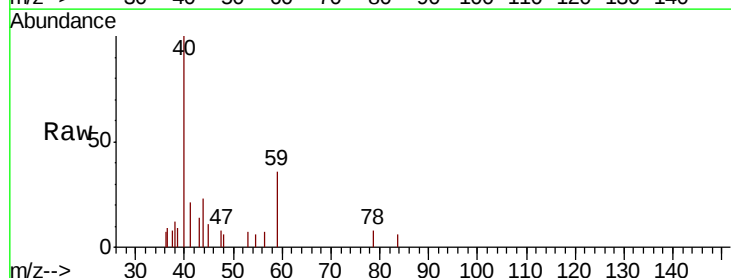
Acq: 08 May 2019 18:18

Tgt Ion: 59 Resp: 764

Ion Ratio Lower Upper

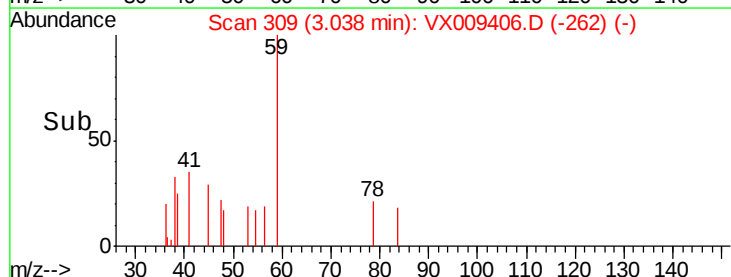
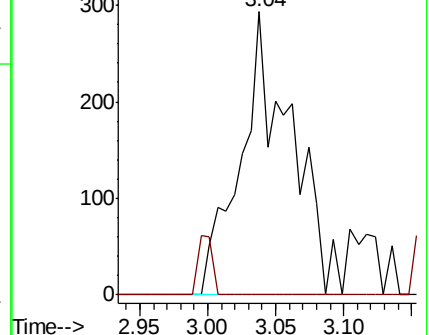
59 100

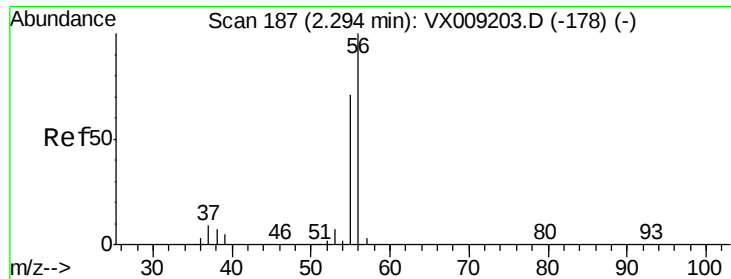
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.428 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

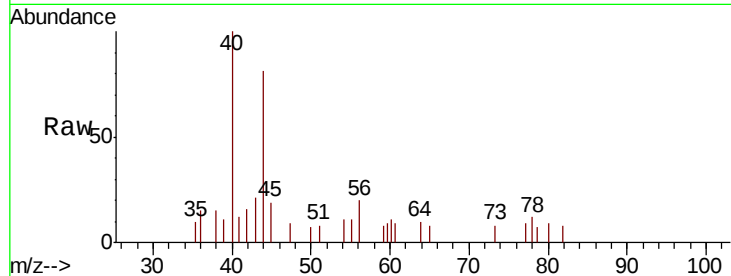
OR-03-050719-B

Tot Ion: 56 Resp: 216

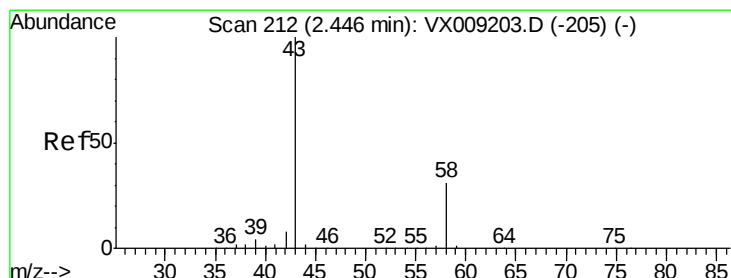
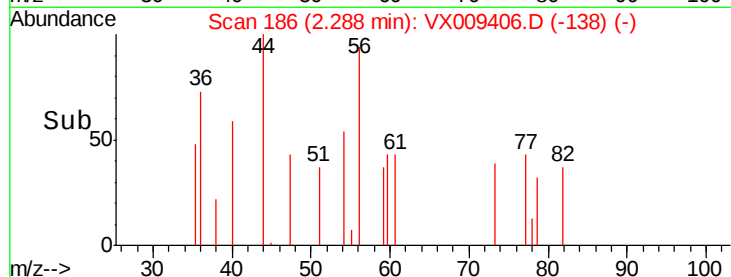
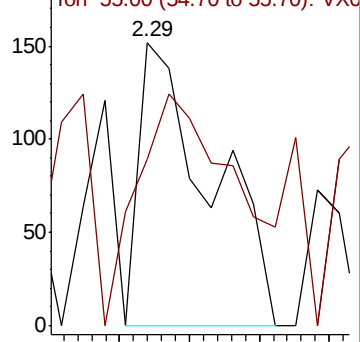
Ion Ratio Lower Upper

56 100

55 113.4 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0



#16

Acetone

Concen: 10.252 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009406.D

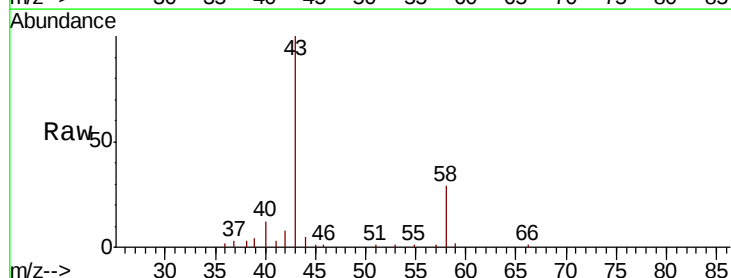
Acq: 08 May 2019 18:18

Tgt Ion: 43 Resp: 13251

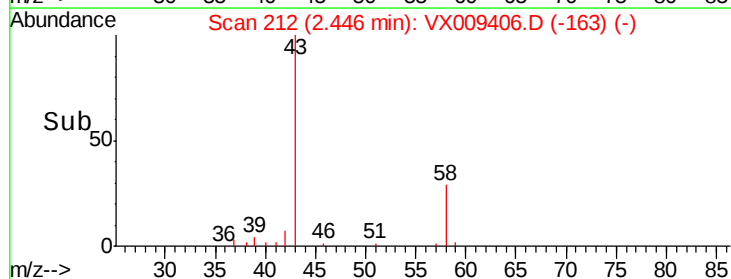
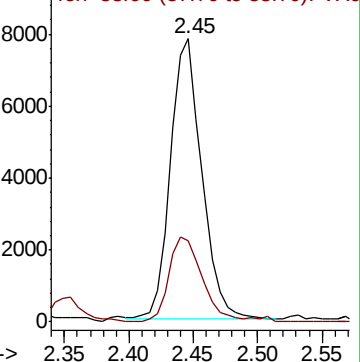
Ion Ratio Lower Upper

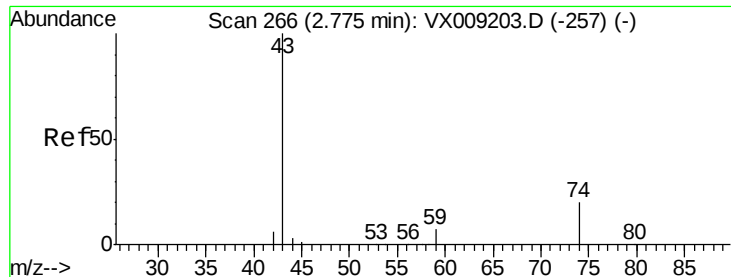
43 100

58 29.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

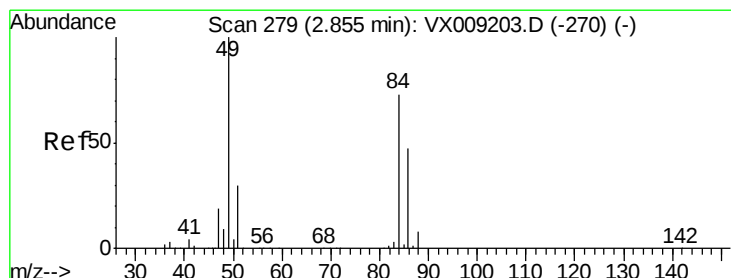
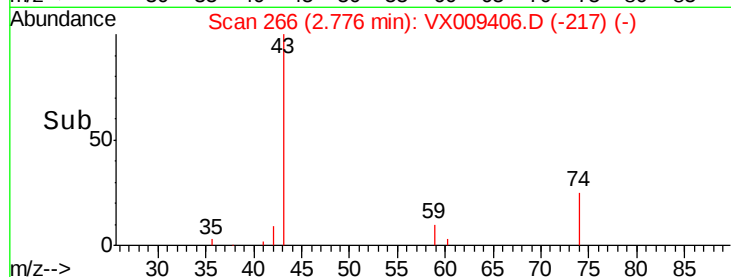
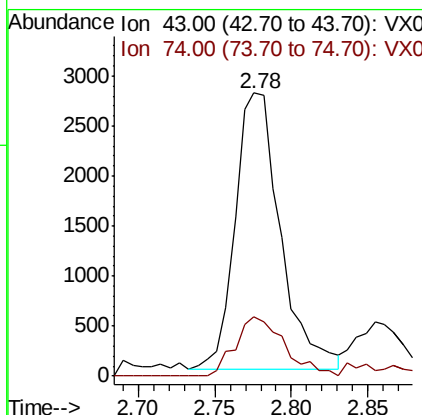
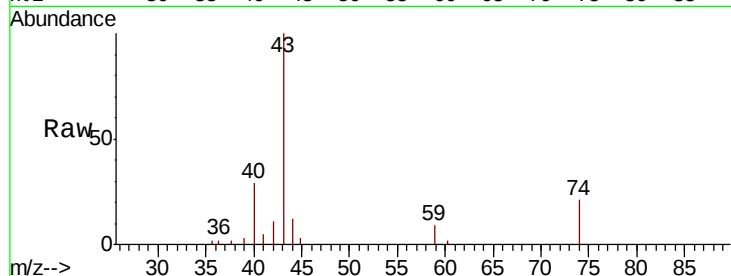




#18
Methvl Acetate
Concen: 1.843 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

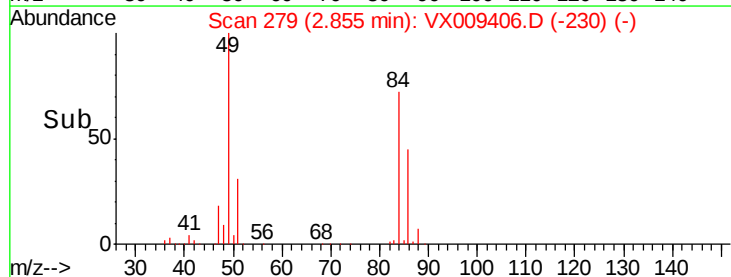
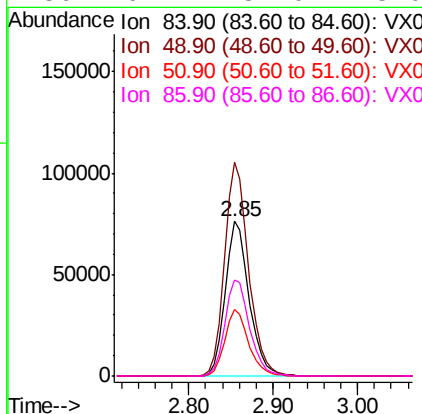
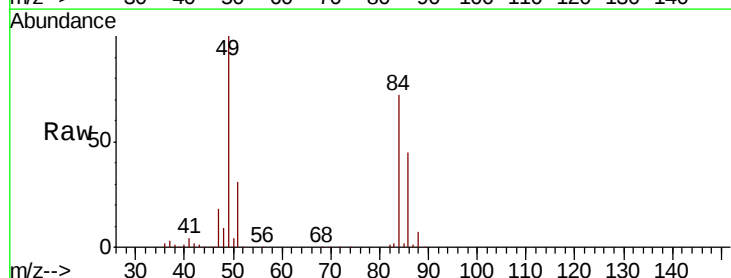
Instrument :
MSVOA_X
ClientSampleId :
OR-03-050719-B

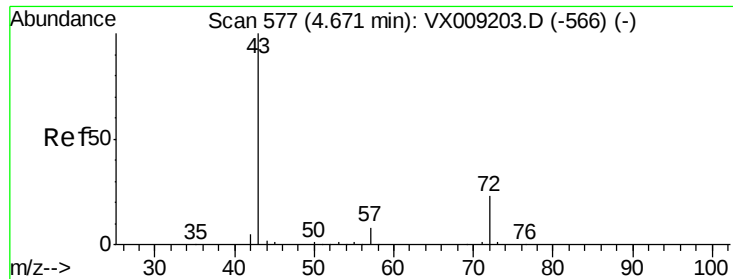
Tot Ion: 43 Resp: 5665
Ion Ratio Lower Upper
43 100
74 23.5 16.2 24.4



#20
Methylene Chloride
Concen: 70.410 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

Tgt Ion: 84 Resp: 147359
Ion Ratio Lower Upper
84 100
49 138.0 109.9 164.9
51 43.0 32.7 49.1
86 62.4 52.0 78.0





#25

2-Butanone

Concen: 1.349 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

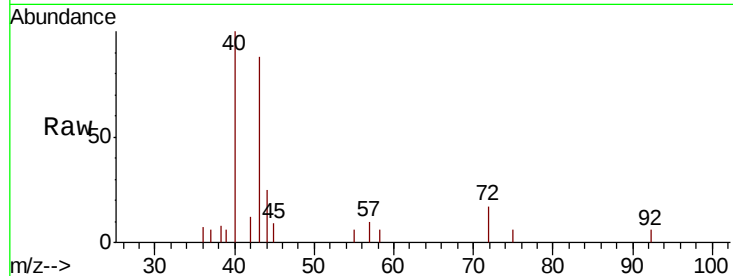
OR-03-050719-B

Tot Ion: 43 Resp: 2710

Ion Ratio Lower Upper

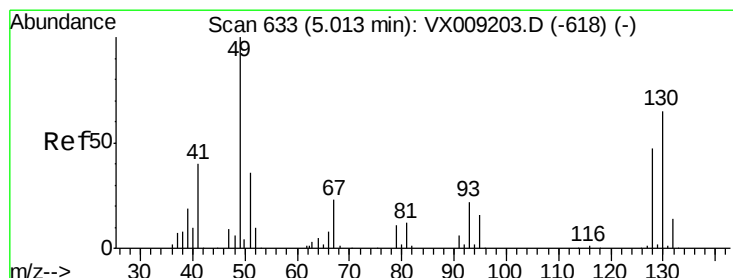
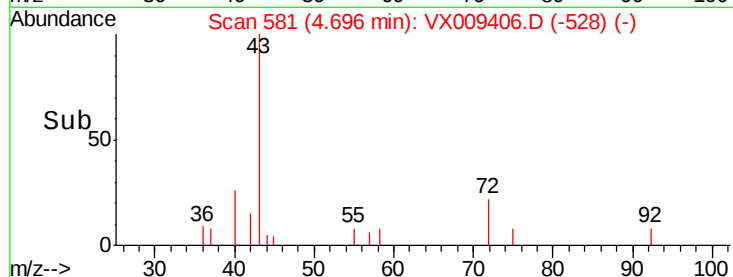
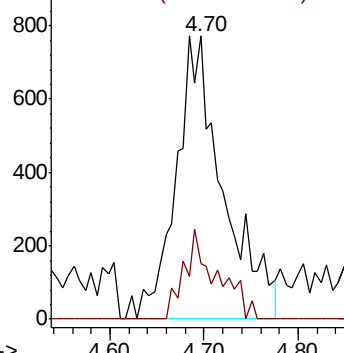
43 100

72 19.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.05 min Scan# 639

Delta R.T. 0.04 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

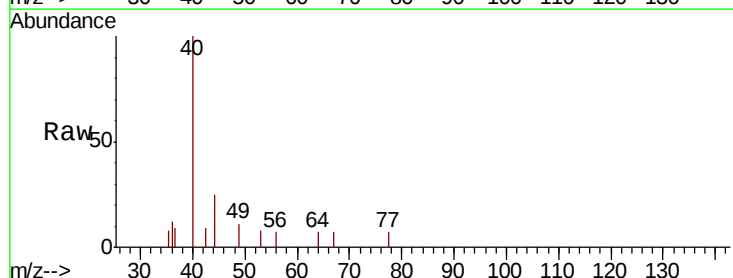
Tgt Ion: 49 Resp: 31

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

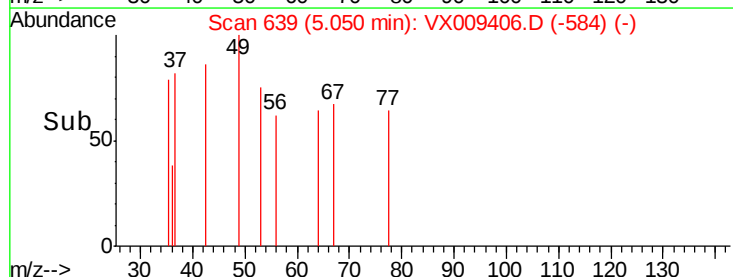
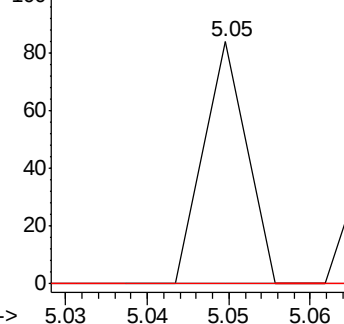
130 0.0 51.2 76.8#

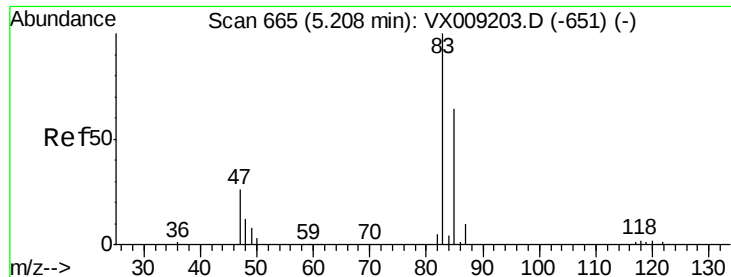


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

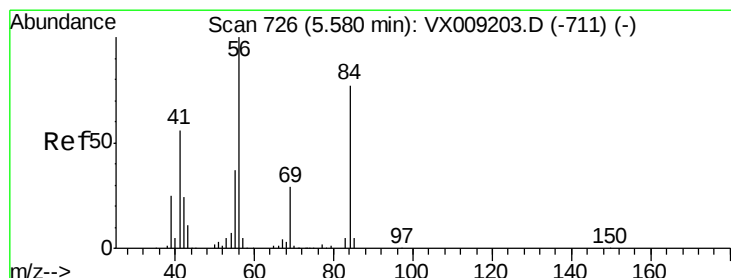
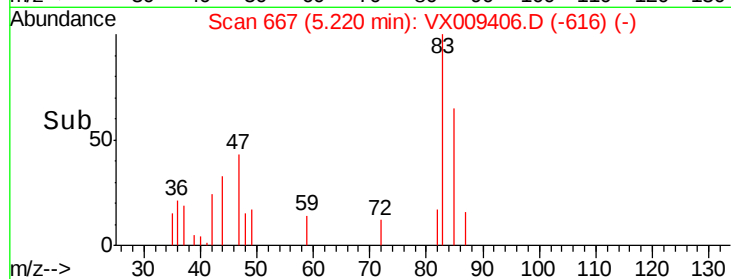
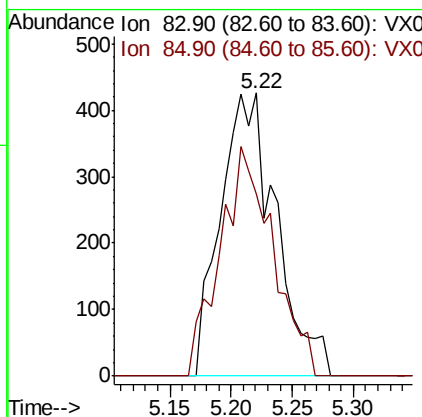
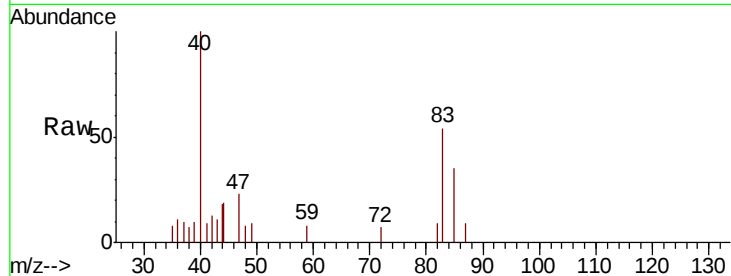




#30
Chloroform
Concen: 0.389 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

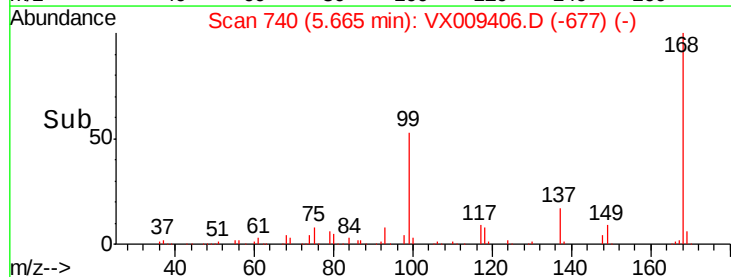
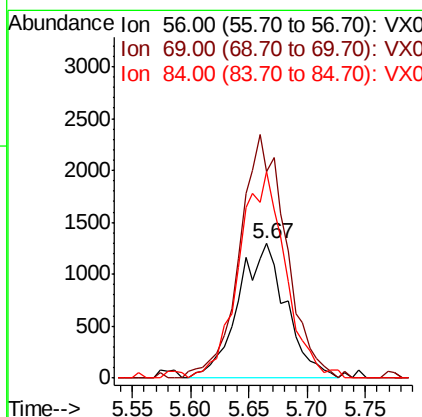
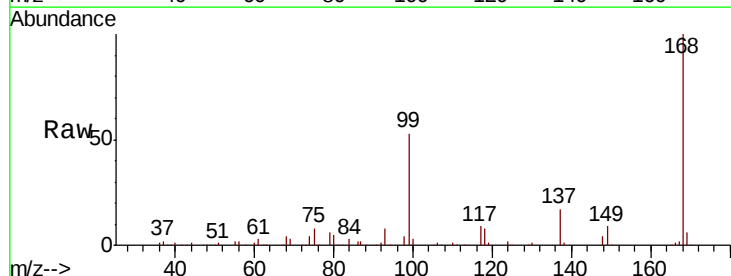
Instrument :
MSVOA_X
ClientSampleId :
OR-03-050719-B

Tot Ion: 83 Resp: 1347
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3



#31
Cyclohexane
Concen: 1.049 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

Tgt Ion: 56 Resp: 3734
Ion Ratio Lower Upper
56 100
69 153.3 23.4 35.0#
84 153.5 61.9 92.9#

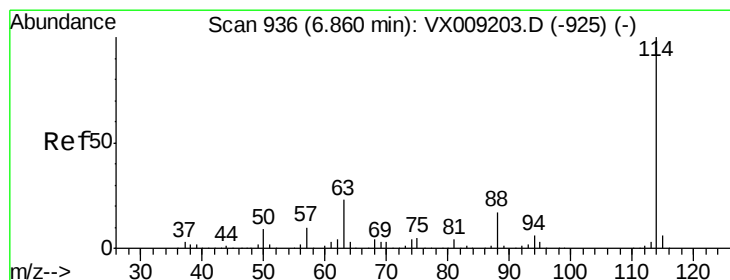
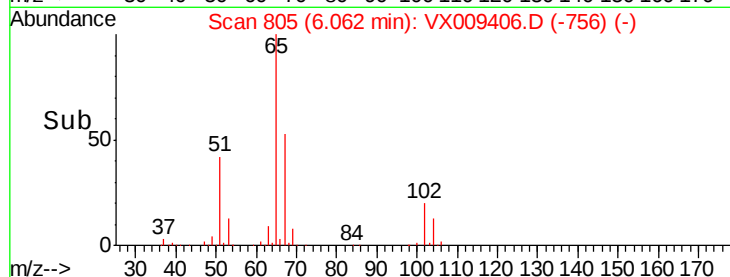
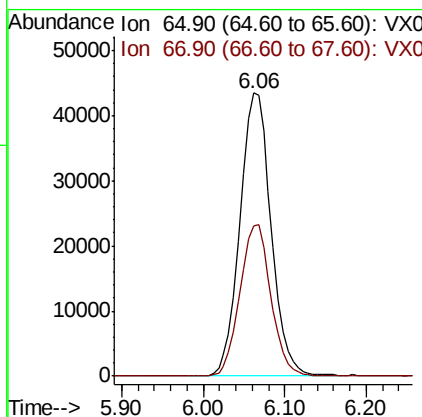
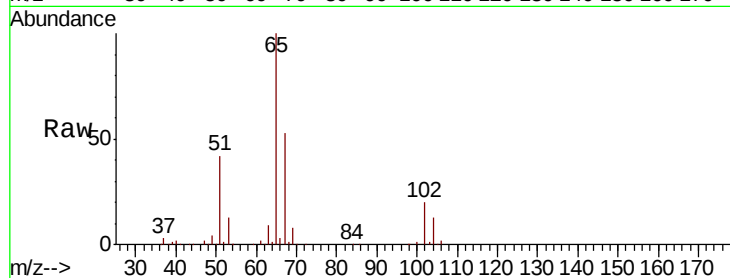




#33
 1,2-Dichloroethane-d4
 Concen: 47.953 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009406.D
 Acq: 08 May 2019 18:18

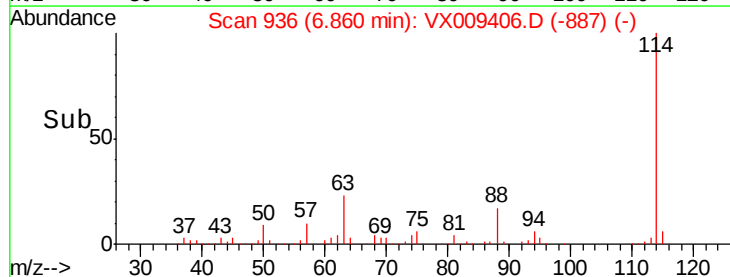
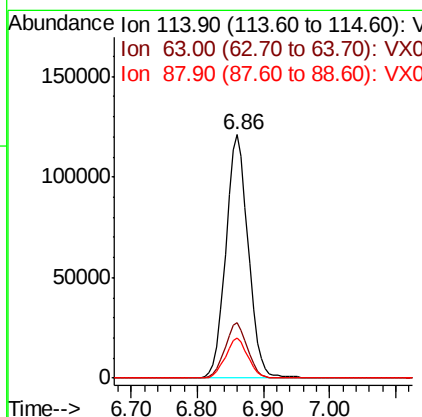
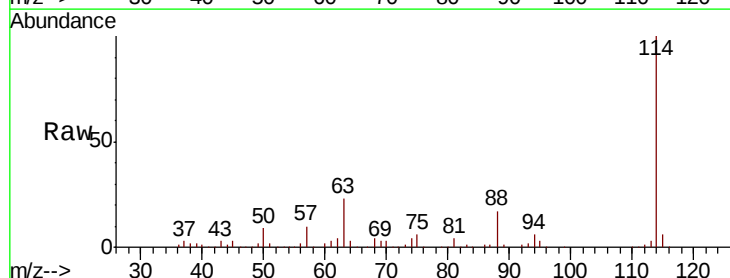
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-050719-B

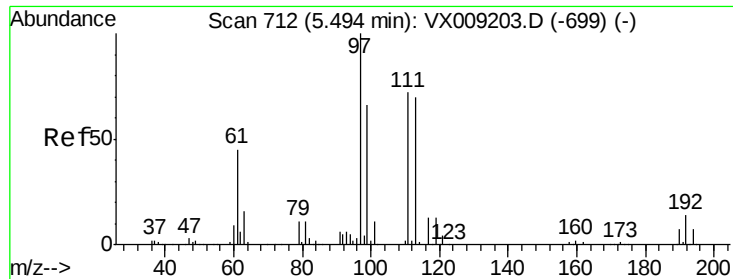
Tot Ion: 65 Resp: 115434
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009406.D
 Acq: 08 May 2019 18:18

Tgt Ion: 114 Resp: 284049
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 16.6 0.0 33.2

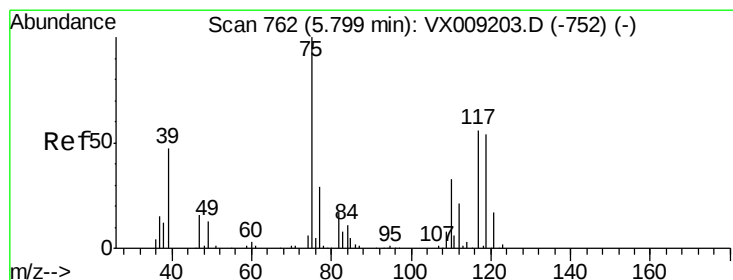
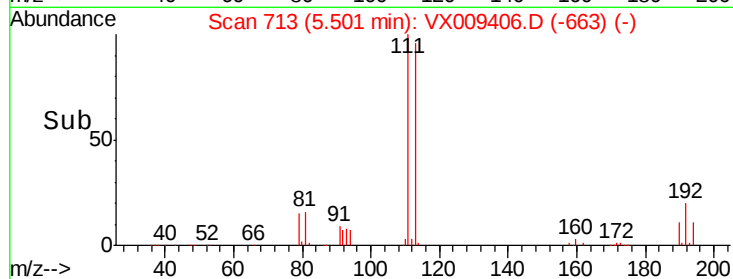
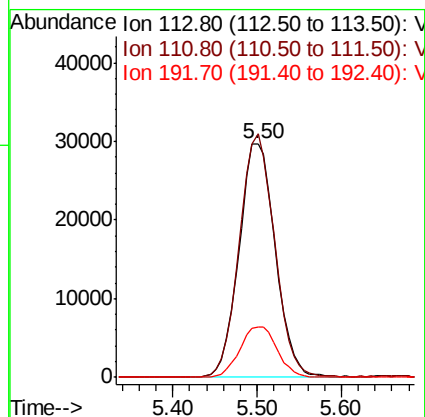
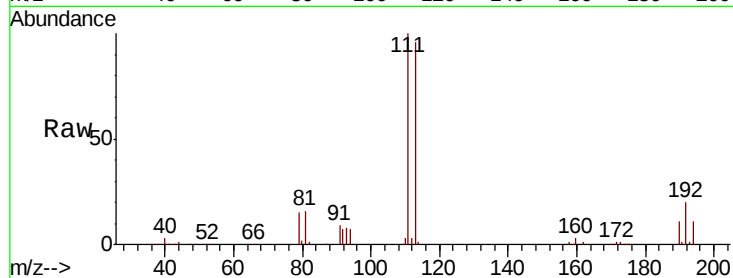




#35
 Dibromofluoromethane
 Concen: 48.548 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009406.D
 Acq: 08 May 2019 18:18

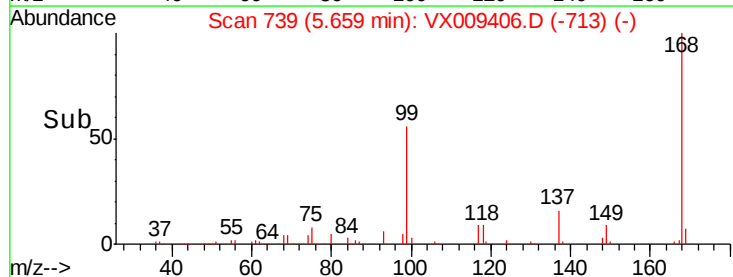
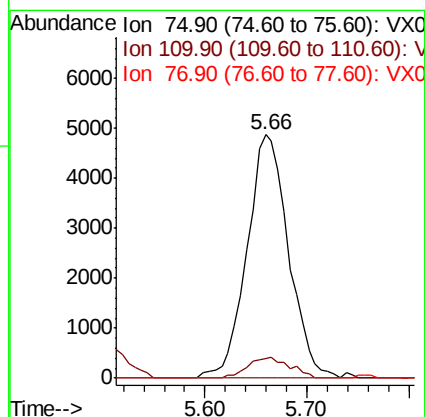
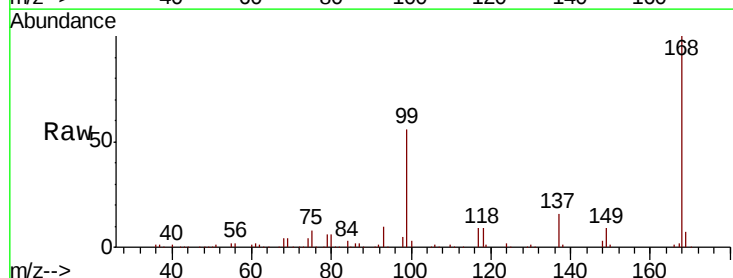
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-050719-B

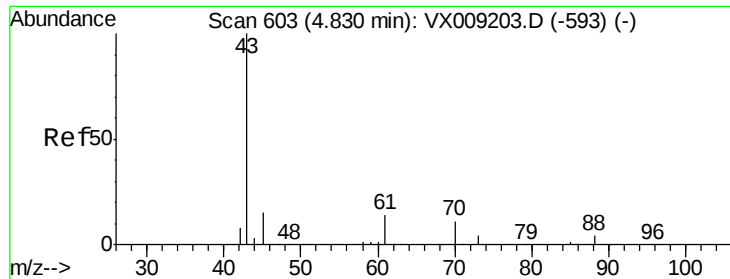
Tot Ion:113 Resp: 86690
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.8 124.2
 192 22.2 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.208 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009406.D
 Acq: 08 May 2019 18:18

Tgt Ion: 75 Resp: 13747
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.9 50.6#
 77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.737 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.13 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

OR-03-050719-B

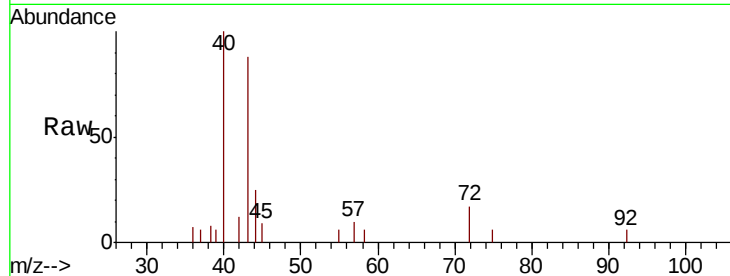
Tot Ion: 43 Resp: 2710

Ion Ratio Lower Upper

43 100

61 3.0 10.5 15.7#

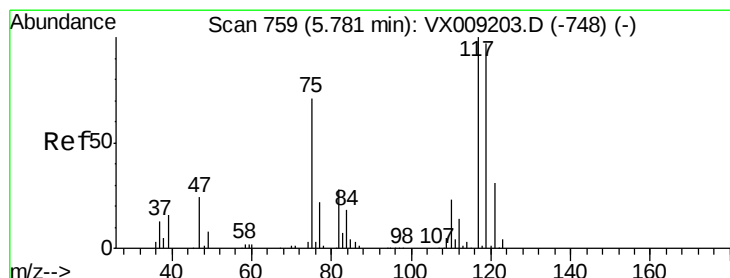
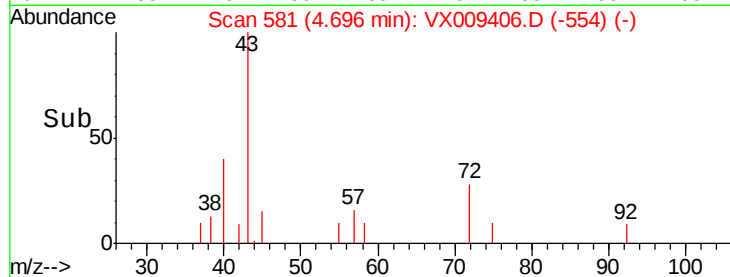
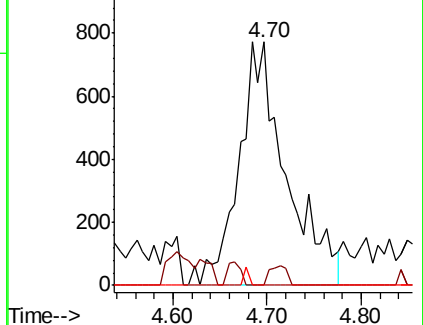
70 0.0 7.9 11.9#



Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX009203.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX009203.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 6.901 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

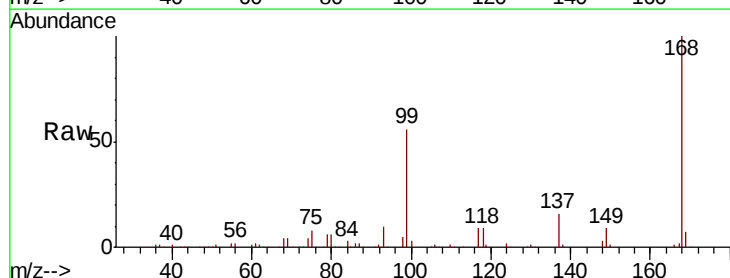
Tgt Ion: 117 Resp: 16552

Ion Ratio Lower Upper

117 100

119 5.5 77.5 116.3#

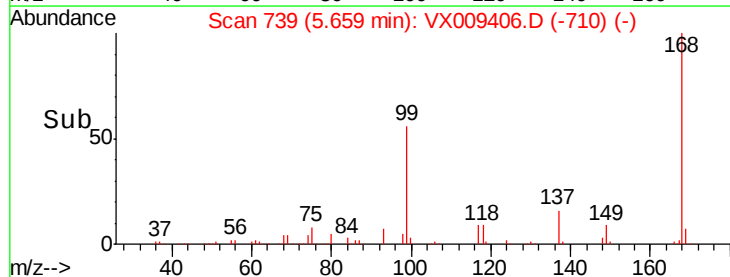
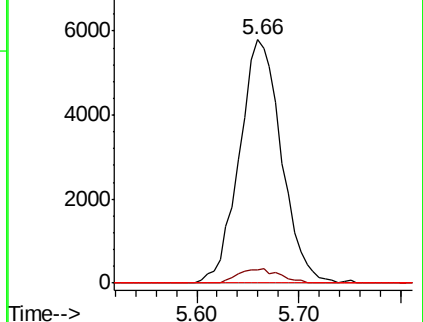
121 0.0 24.7 37.1#

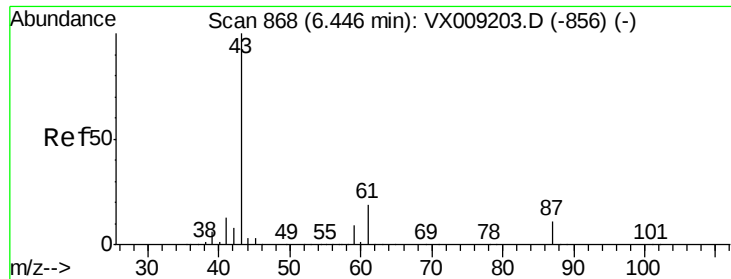


Abundance Ion 116.80 (116.50 to 117.50): VX009203.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX009203.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX009203.D (-748) (-)





#43

Isopropyl Acetate

Concen: 2.130 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

OR-03-050719-B

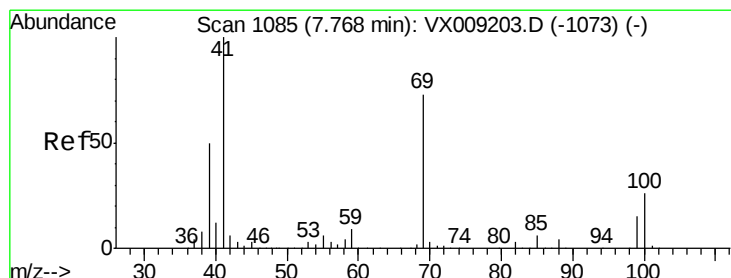
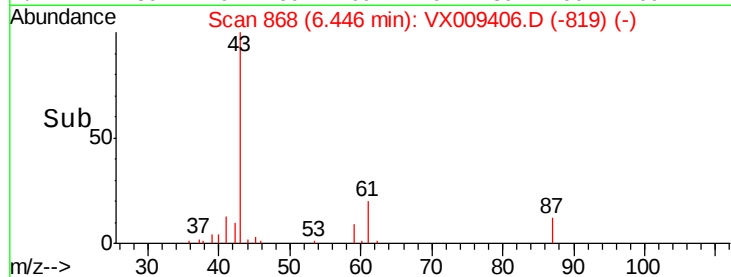
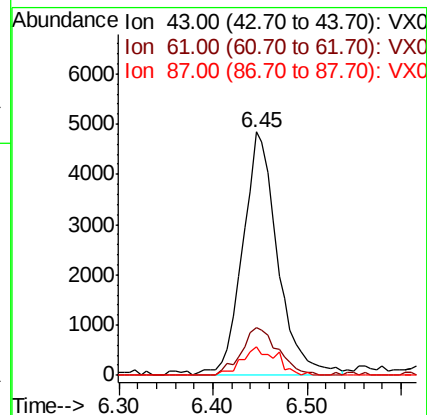
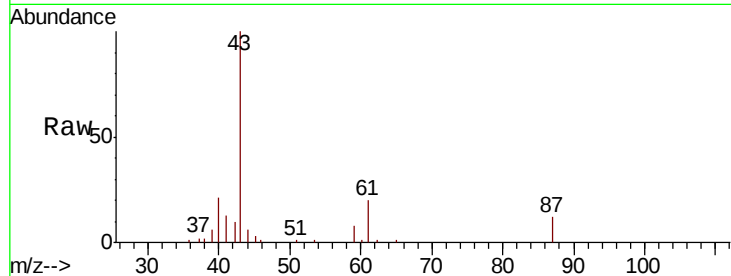
Tot Ion: 43 Resp: 12530

Ion Ratio Lower Upper

43 100

61 20.4 15.1 22.7

87 11.4 9.0 13.6



#48

Methyl methacrylate

Concen: 2.574 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

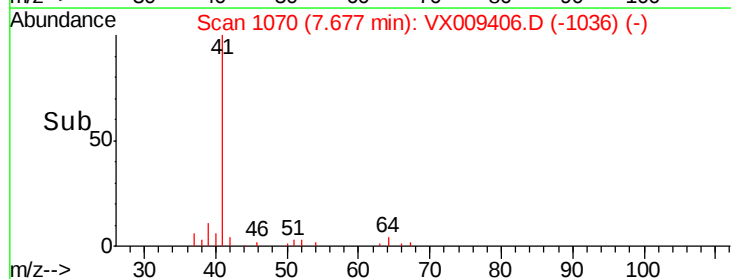
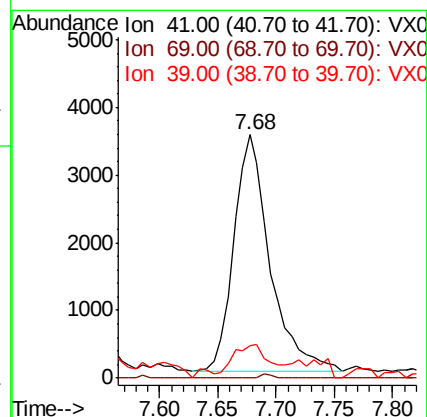
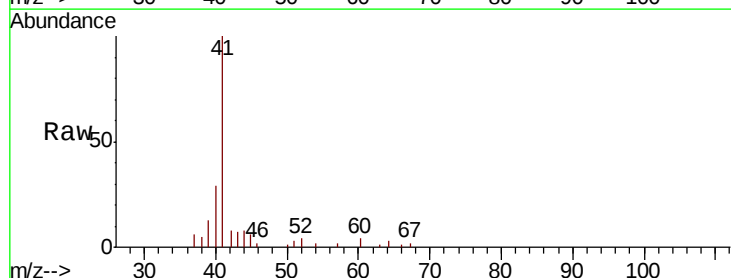
Tgt Ion: 41 Resp: 7512

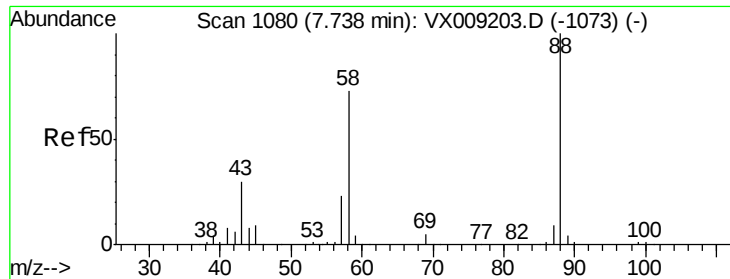
Ion Ratio Lower Upper

41 100

69 0.5 59.1 88.7#

39 0.0 40.4 60.6#





#49

1,4-Dioxane

Concen: 3.835 ug/l

RT: 7.88 min Scan# 1103

Delta R.T. 0.14 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

OR-03-050719-B

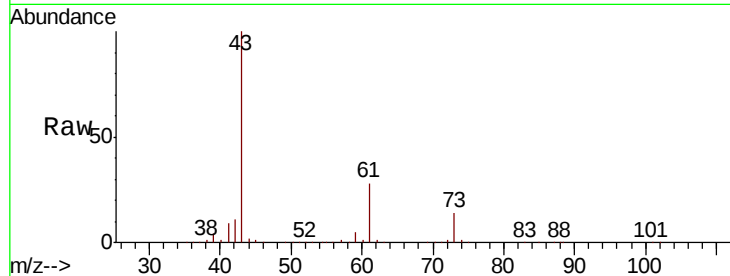
Tot Ion: 88 Resp: 227

Ion Ratio Lower Upper

88 100

43 520609.7 28.6 42.8#

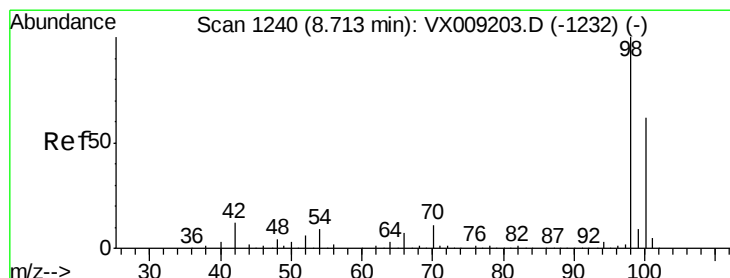
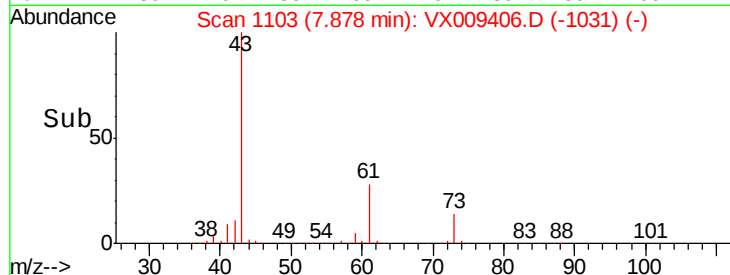
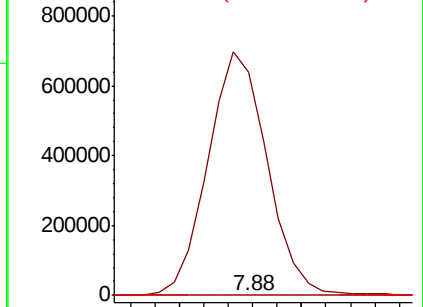
58 1977.5 61.7 92.5#



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: 49.661 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009406.D

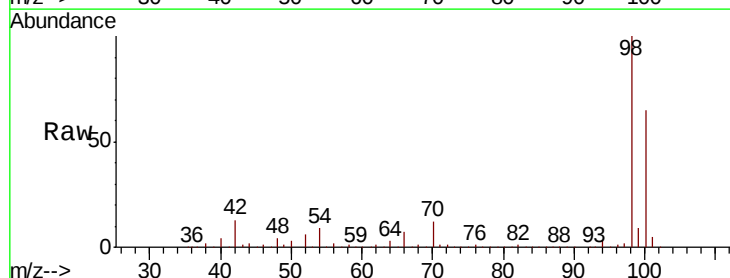
Acq: 08 May 2019 18:18

Tgt Ion: 98 Resp: 358014

Ion Ratio Lower Upper

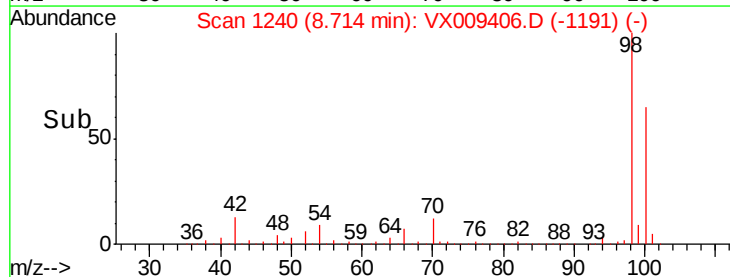
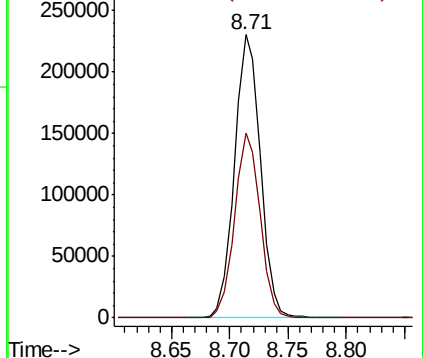
98 100

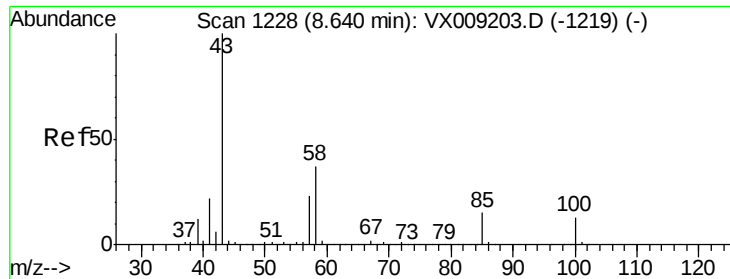
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 22.862 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.02 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

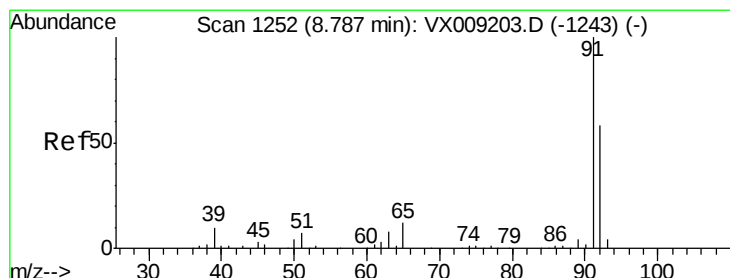
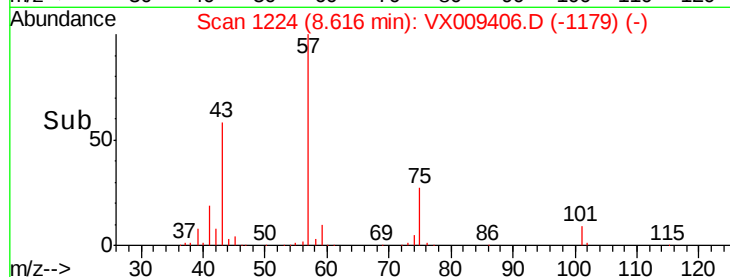
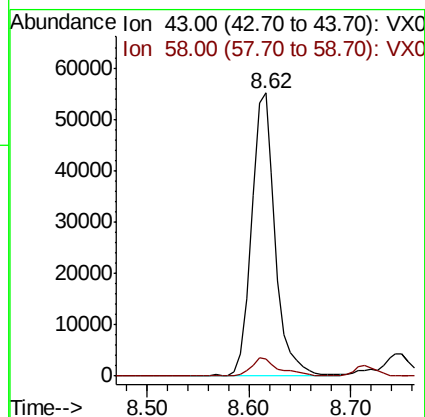
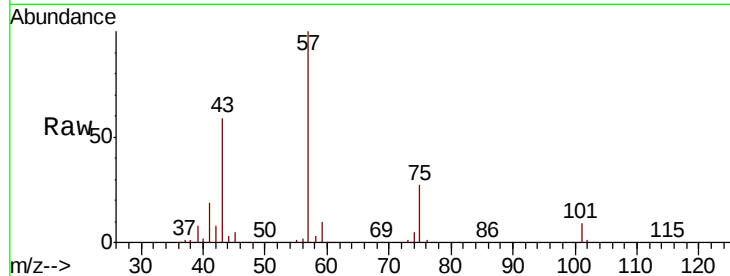
OR-03-050719-B

Tot Ion: 43 Resp: 87909

Ion Ratio Lower Upper

43 100

58 7.7 29.5 44.3#



#52

Toluene

Concen: 0.305 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009406.D

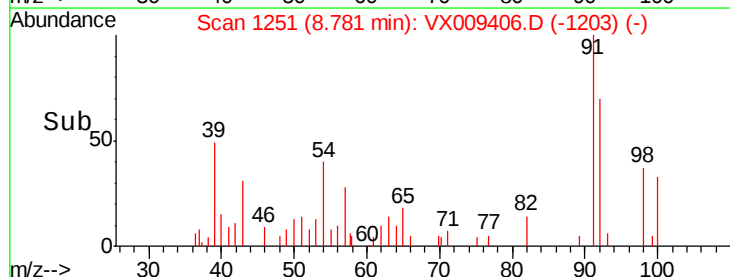
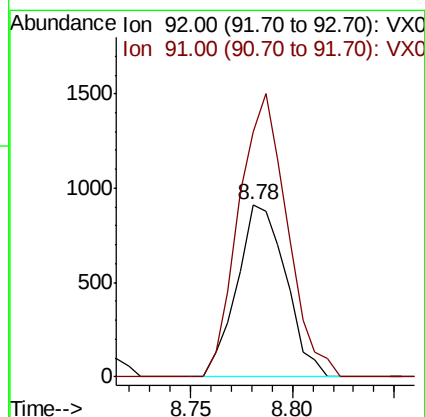
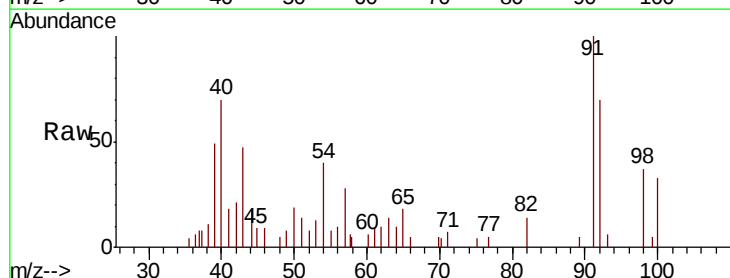
Acq: 08 May 2019 18:18

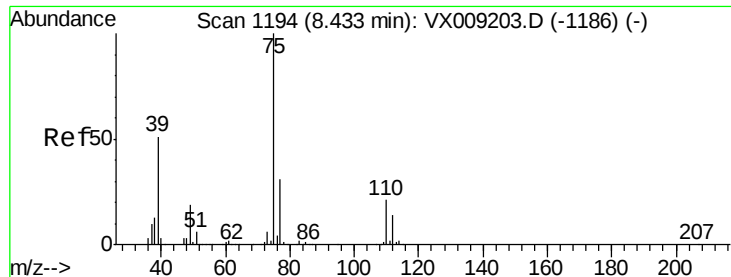
Tgt Ion: 92 Resp: 1514

Ion Ratio Lower Upper

92 100

91 163.0 138.8 208.2





#54

cis-1,3-Dichloropropene

Concen: 11.274 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampled :

OR-03-050719-B

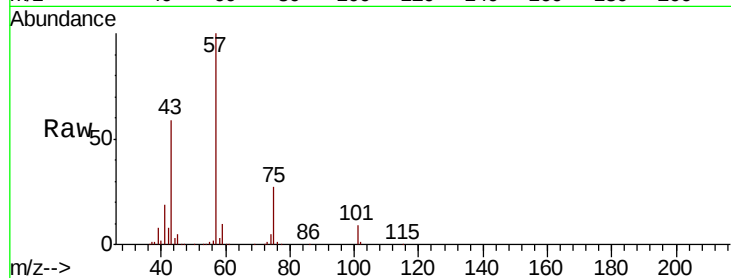
Tot Ion: 75 Resp: 37752

Ion Ratio Lower Upper

75 100

77 0.6 24.6 36.8#

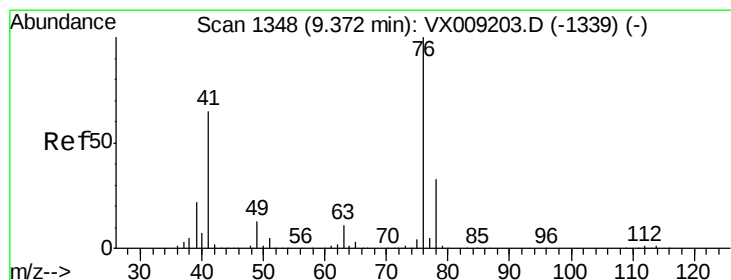
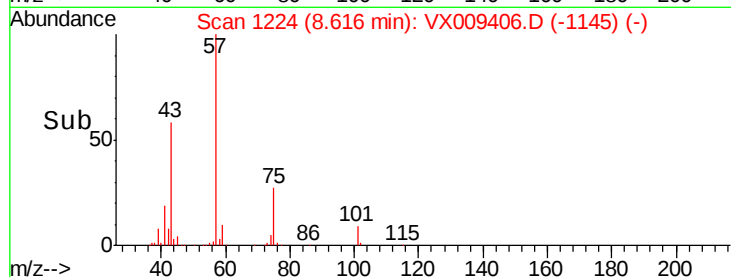
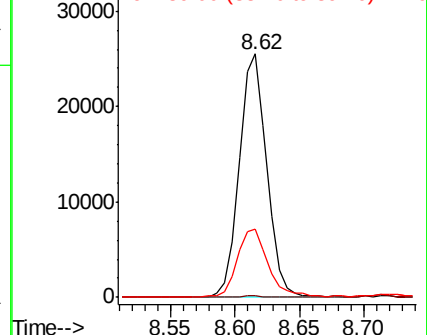
39 28.0 40.6 60.8#



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: 2.310 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX009406.D

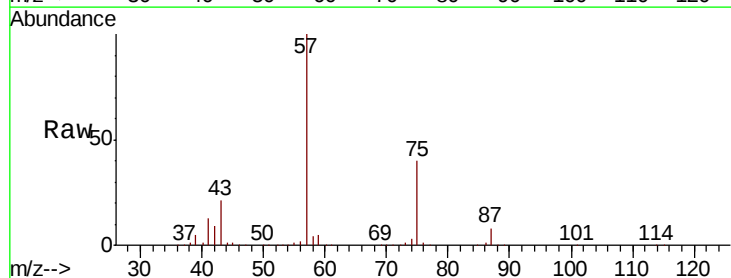
Acq: 08 May 2019 18:18

Tgt Ion: 76 Resp: 8235

Ion Ratio Lower Upper

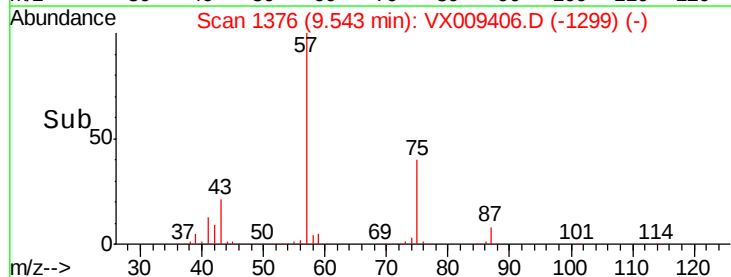
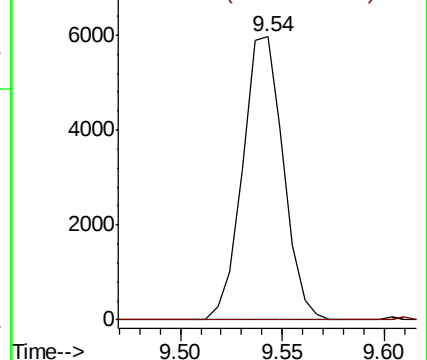
76 100

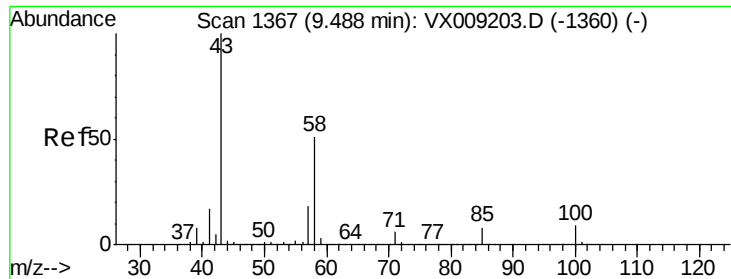
78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

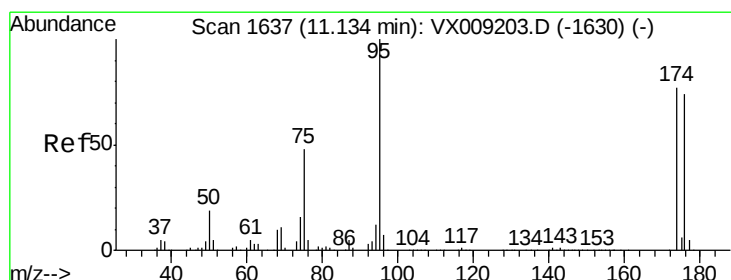
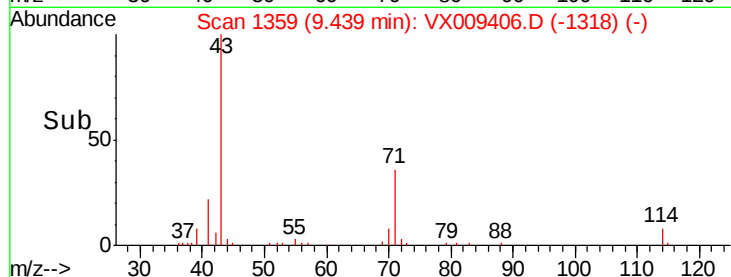
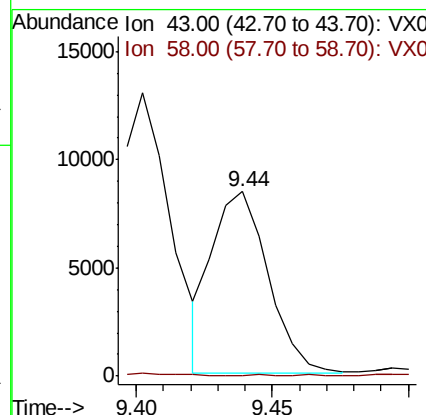
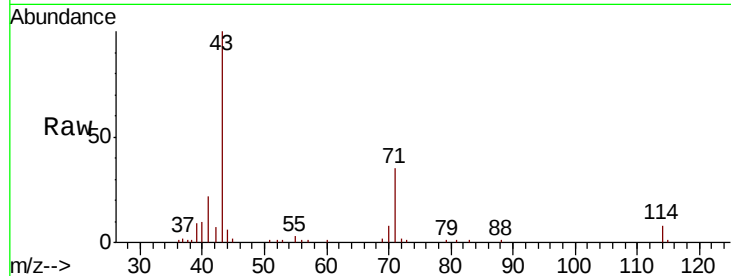




#59
2-Hexanone
Concen: 3.985 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

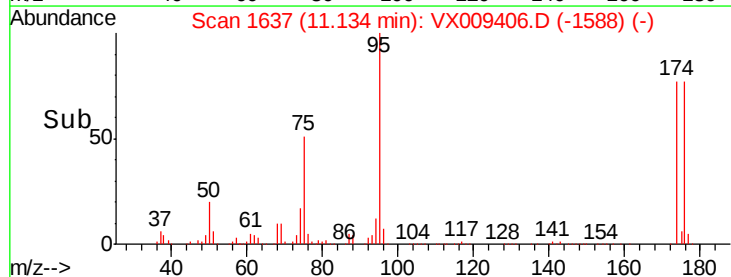
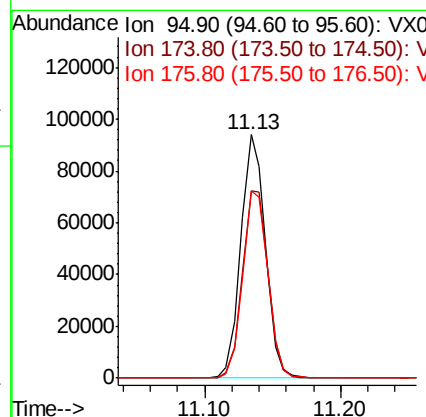
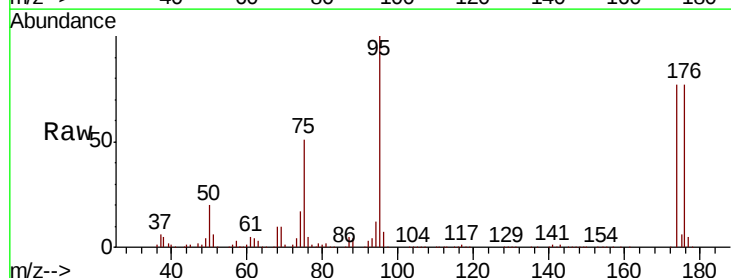
Instrument :
MSVOA_X
ClientSampleId :
OR-03-050719-B

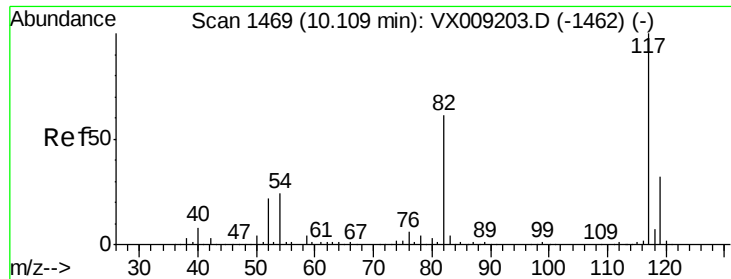
Tot Ion: 43 Resp: 12035
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 44.979 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

Tgt Ion: 95 Resp: 117823
Ion Ratio Lower Upper
95 100
174 80.8 0.0 161.6
176 79.3 0.0 159.2

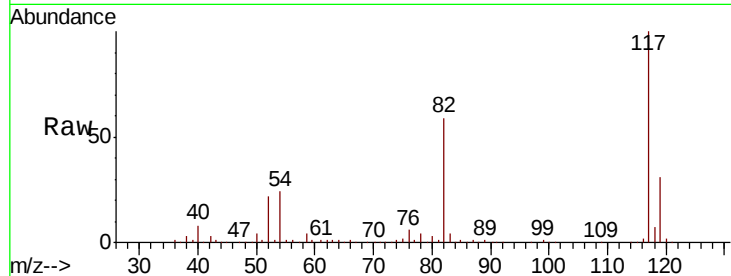




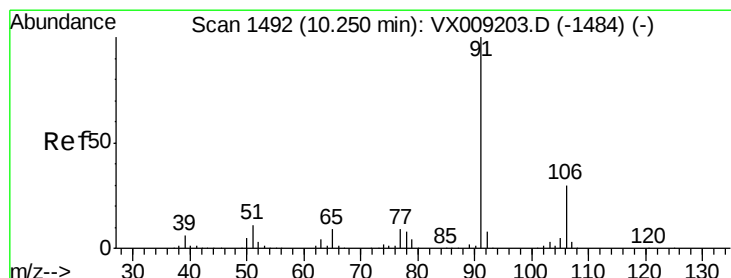
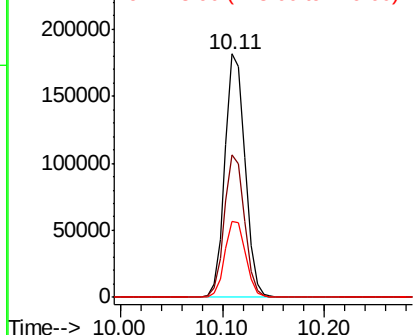
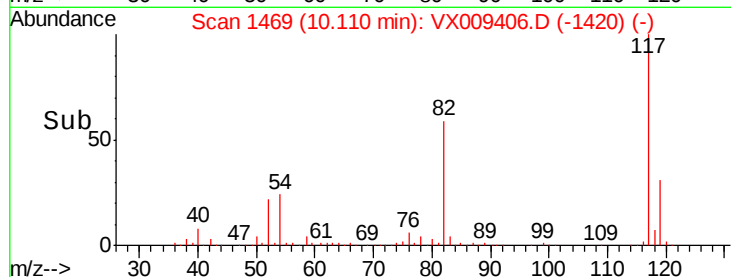
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
OR-03-050719-B

Tot Ion:117 Resp: 249296
Ion Ratio Lower Upper
117 100
82 58.5 48.8 73.2
119 31.3 25.8 38.6

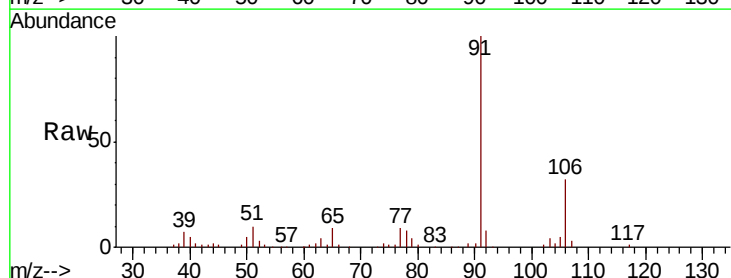


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

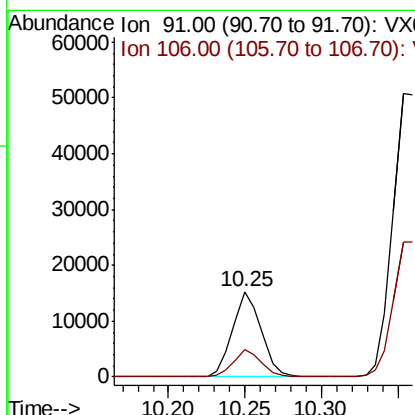
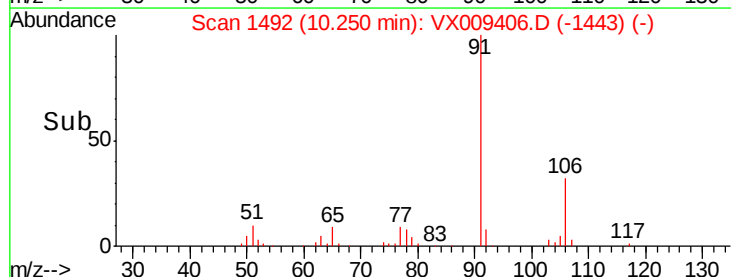


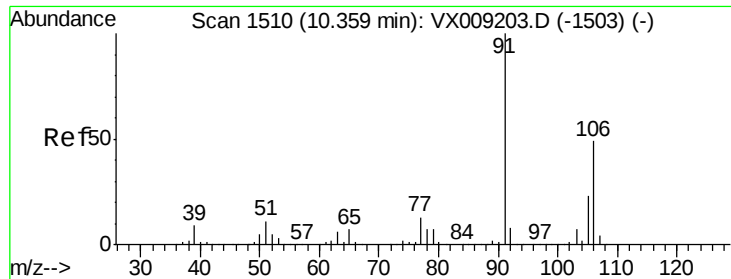
#67
Ethyl Benzene
Concen: 2.181 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

Tgt Ion: 91 Resp: 20018
Ion Ratio Lower Upper
91 100
106 31.8 24.0 36.0



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

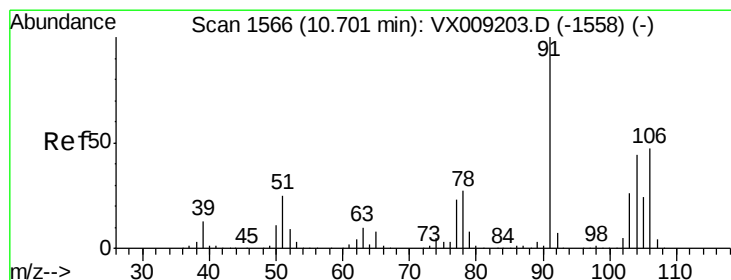
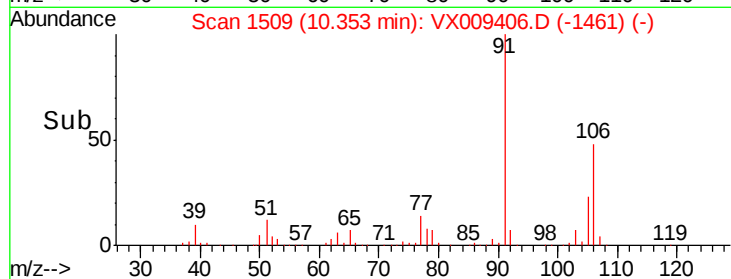
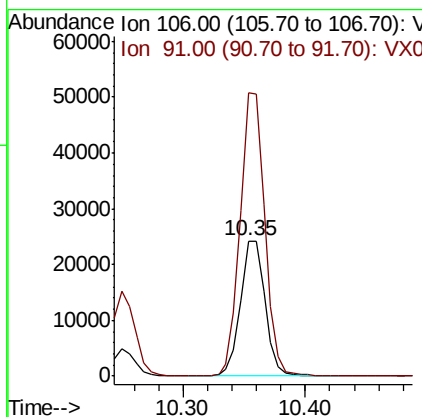
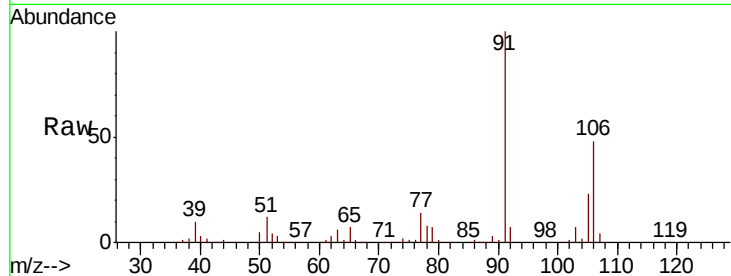




#68
m/p-Xylenes
Concen: 10.120 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

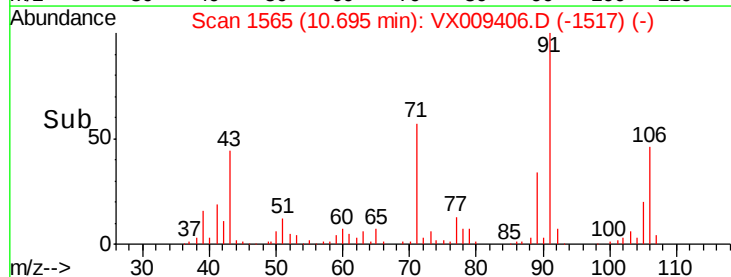
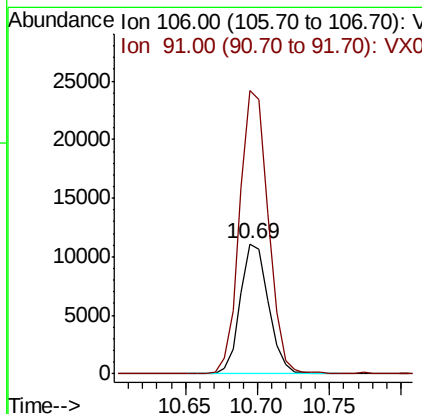
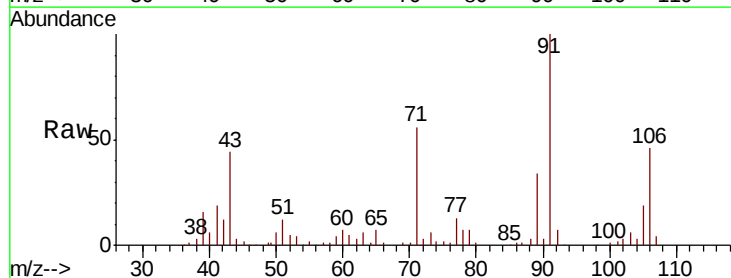
Instrument :
MSVOA_X
ClientSampleId :
OR-03-050719-B

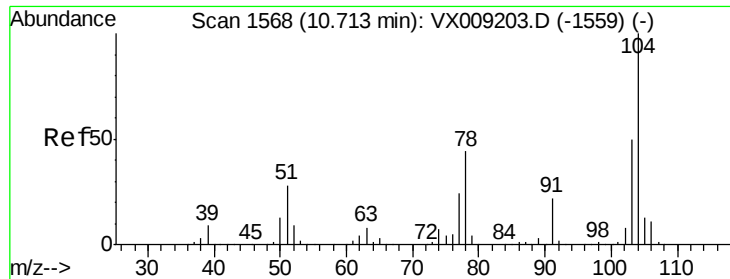
Tot Ion:106 Resp: 33941
Ion Ratio Lower Upper
106 100
91 209.7 164.0 246.0



#69
o-Xylene
Concen: 4.576 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

Tgt Ion:106 Resp: 15142
Ion Ratio Lower Upper
106 100
91 221.0 109.5 328.4

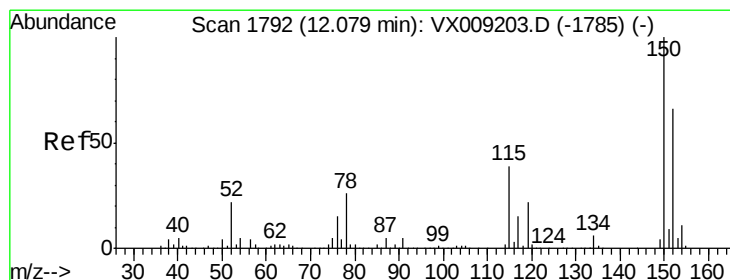
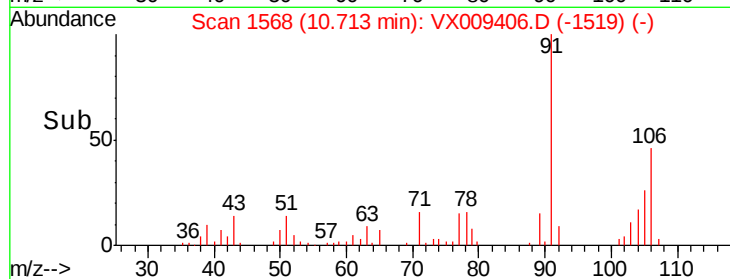
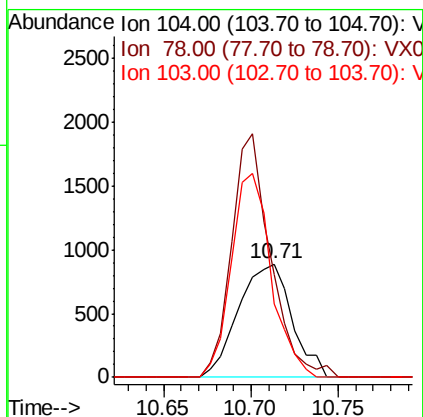
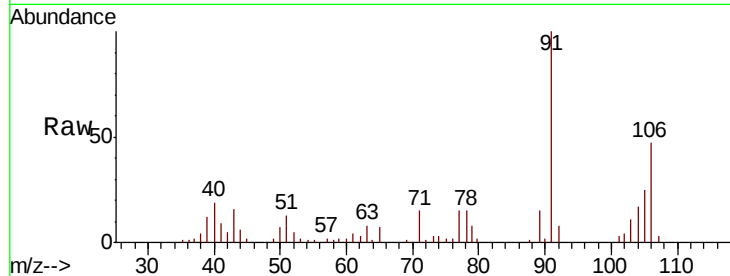




#70
Stvrene
Concen: 0.330 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

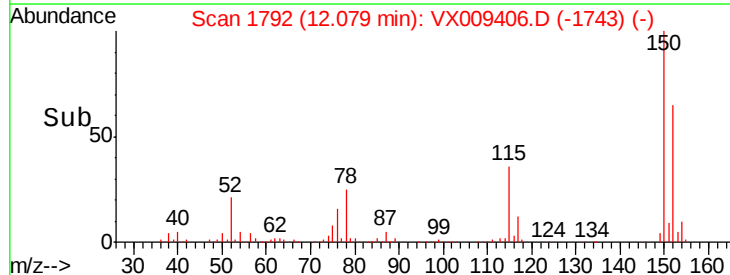
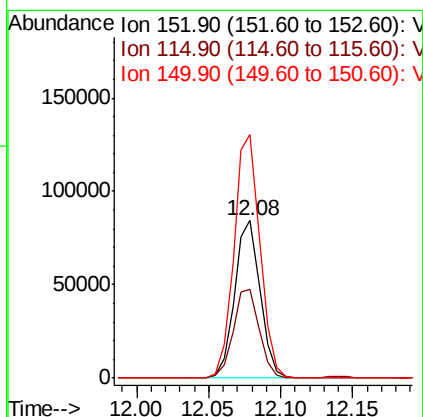
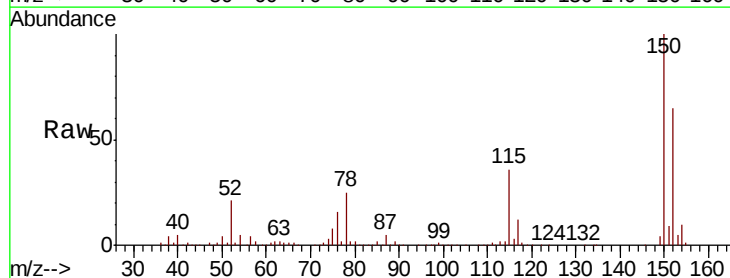
Instrument :
MSVOA_X
ClientSampleId :
OR-03-050719-B

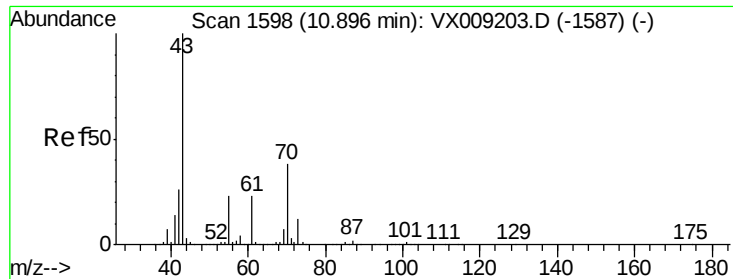
Tot Ion:104 Resp: 1898
Ion Ratio Lower Upper
104 100
78 156.4 41.0 61.4#
103 134.1 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

Tgt Ion:152 Resp: 104634
Ion Ratio Lower Upper
152 100
115 57.4 41.2 123.6
150 157.5 0.0 346.4





#74

N-amvl acetate

Concen: 3.071 ug/l

RT: 10.69 min Scan# 1564

Delta R.T. -0.21 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

OR-03-050719-B

Tot Ion: 43 Resp: 13625

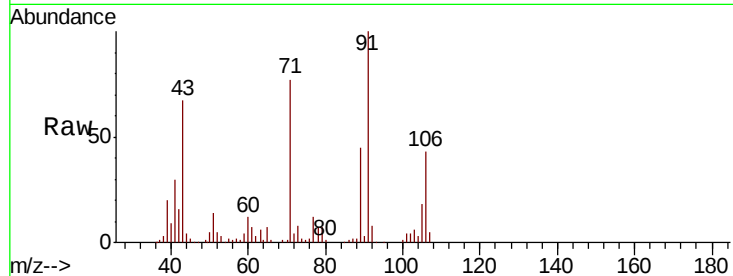
Ion Ratio Lower Upper

43 100

70 2.0 30.0 45.0#

55 5.1 17.9 26.9#

61 13.9 18.4 27.6#

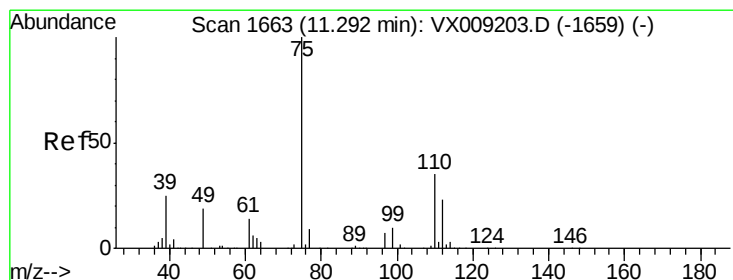
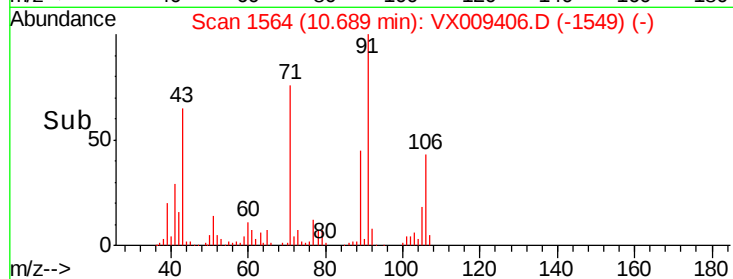
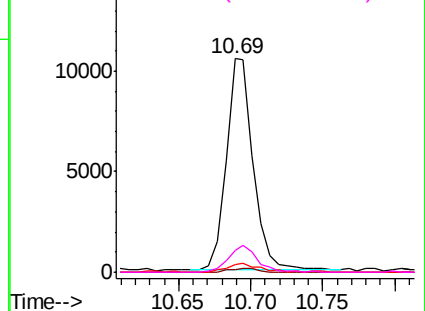


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.377 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009406.D

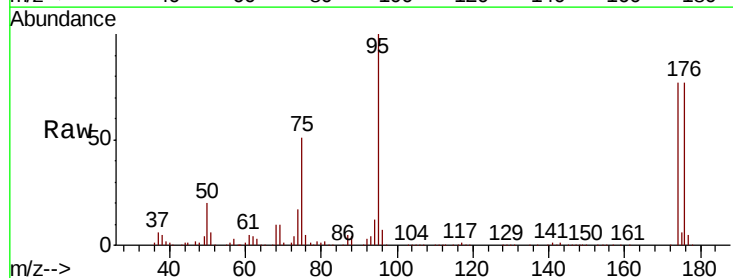
Acq: 08 May 2019 18:18

Tgt Ion: 75 Resp: 59166

Ion Ratio Lower Upper

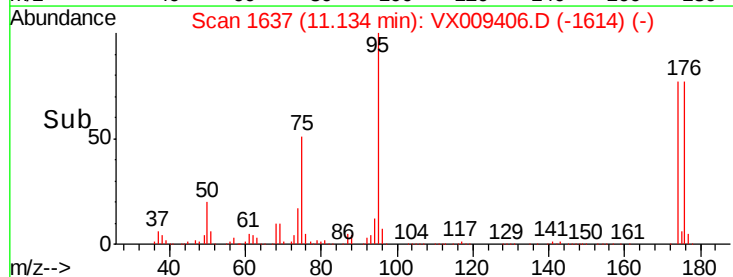
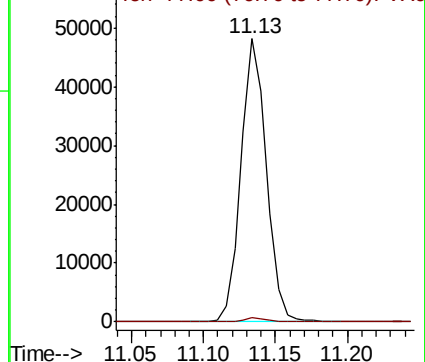
75 100

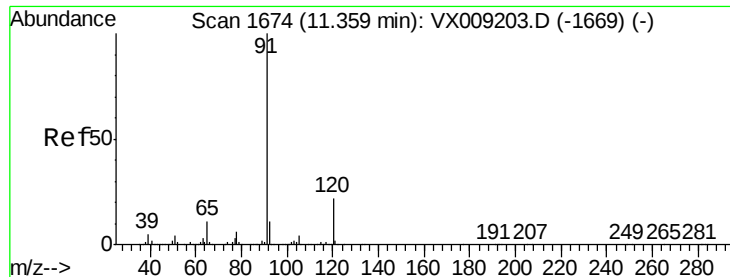
77 1.4 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.680 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

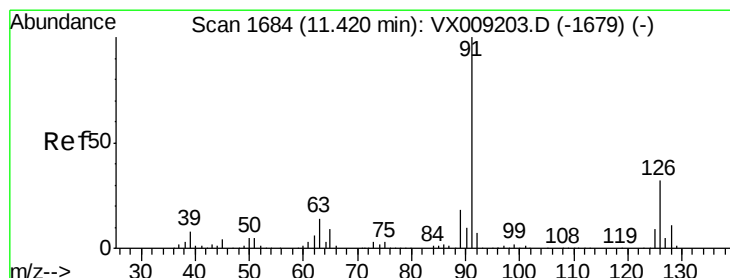
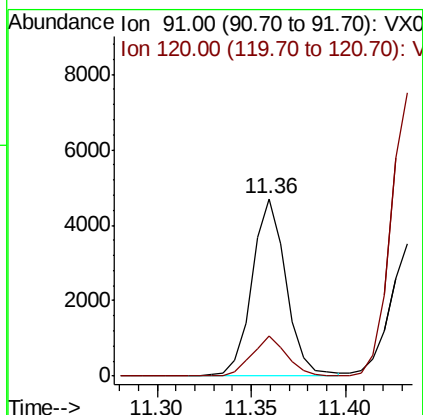
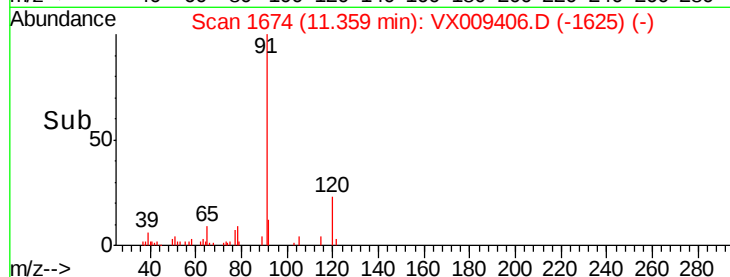
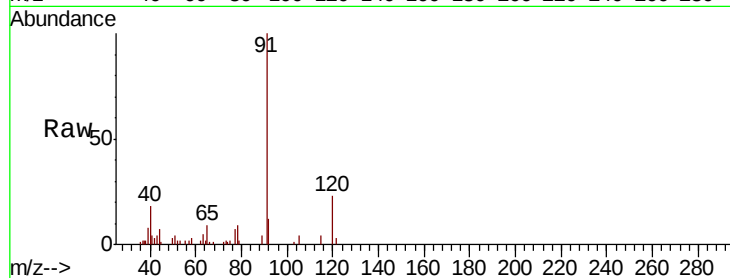
OR-03-050719-B

Tot Ion: 91 Resp: 5908

Ion Ratio Lower Upper

91 100

120 22.9 11.0 33.0



#79

2-Chlorotoluene

Concen: 1.124 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX009406.D

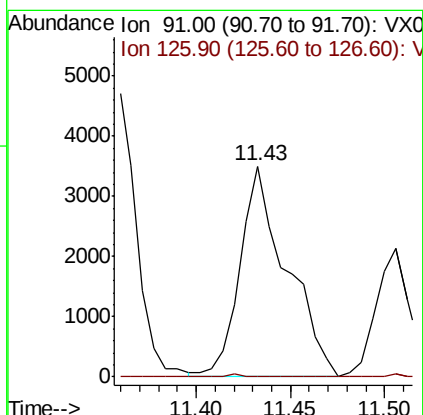
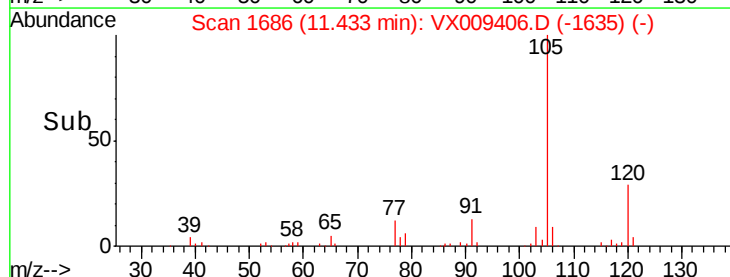
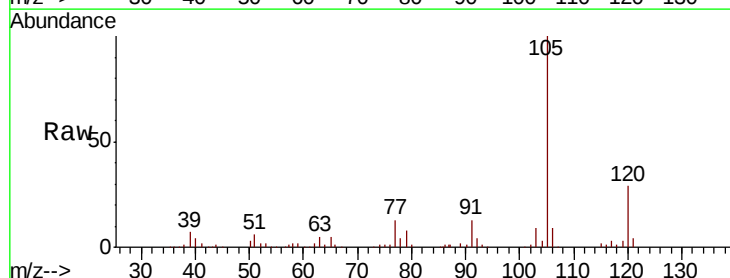
Acq: 08 May 2019 18:18

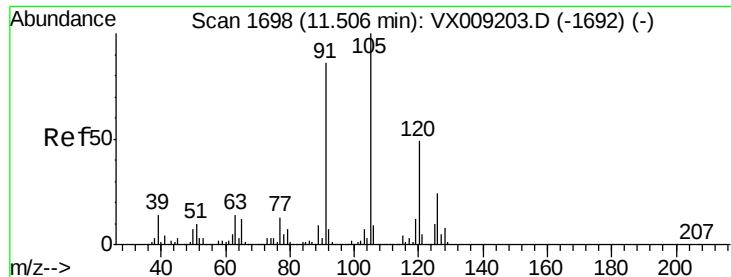
Tgt Ion: 91 Resp: 6027

Ion Ratio Lower Upper

91 100

126 0.3 16.3 48.9#

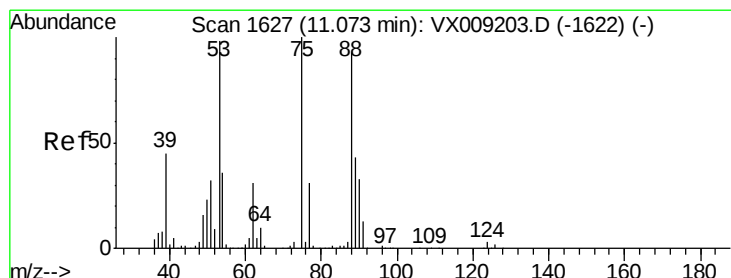
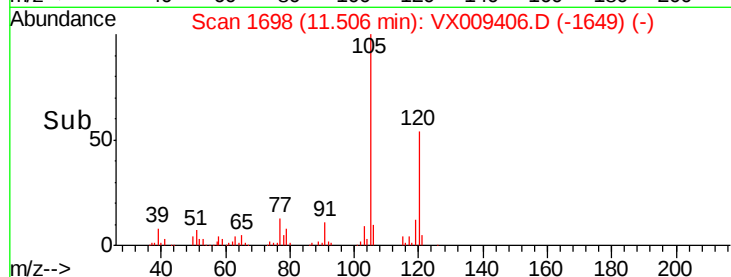
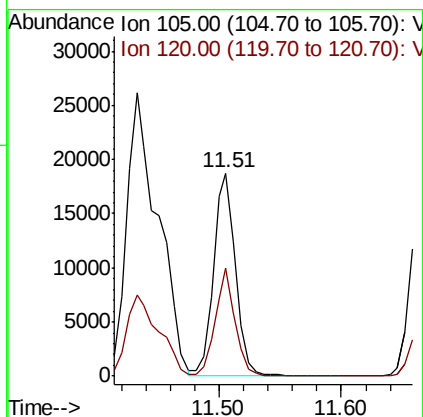
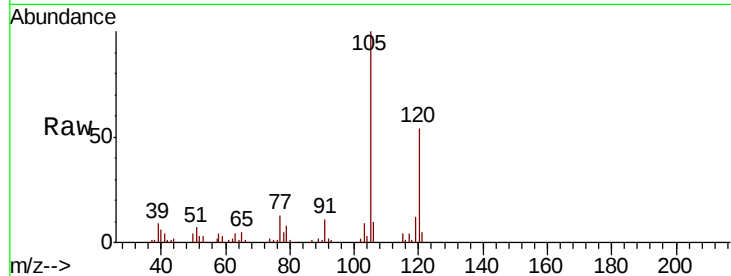




#80
 1,3,5-Trimethylbenzene
 Concen: 3.687 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009406.D
 Acq: 08 May 2019 18:18

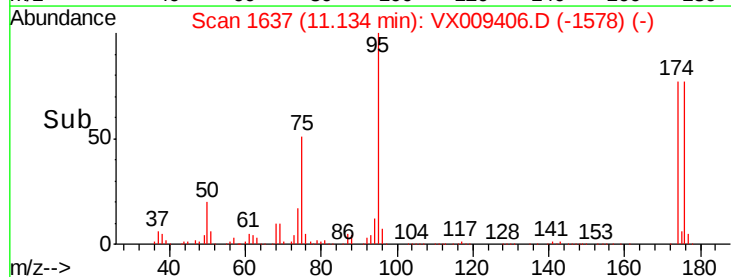
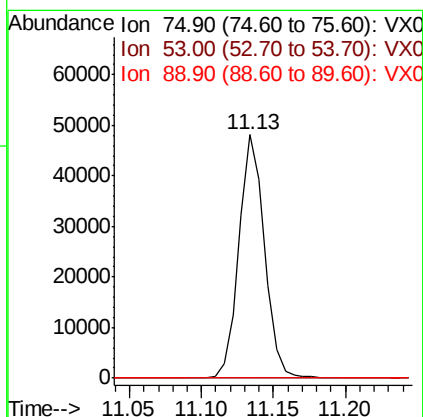
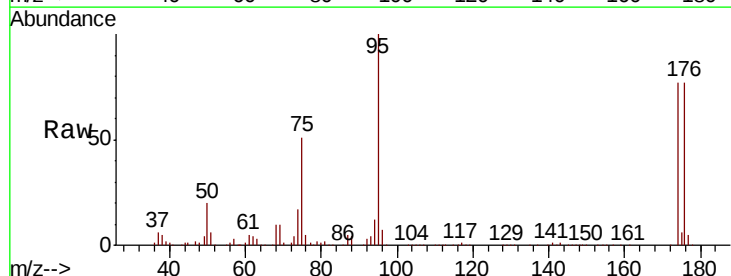
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-050719-B

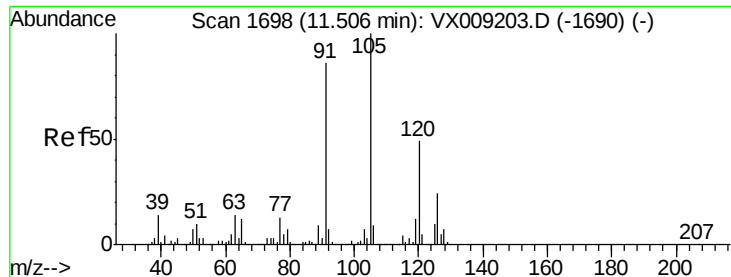
Tot Ion:105 Resp: 23623
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.372 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX009406.D
 Acq: 08 May 2019 18:18

Tgt Ion: 75 Resp: 59166
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.0 118.6#
 89 0.0 34.7 52.1#

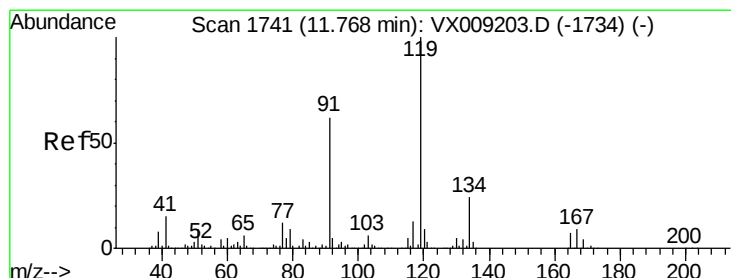
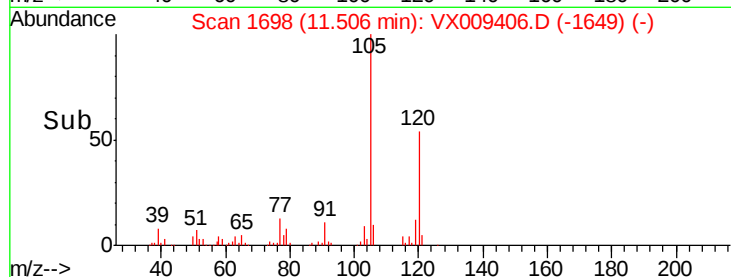
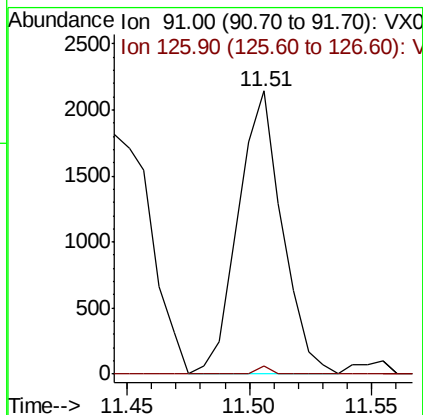
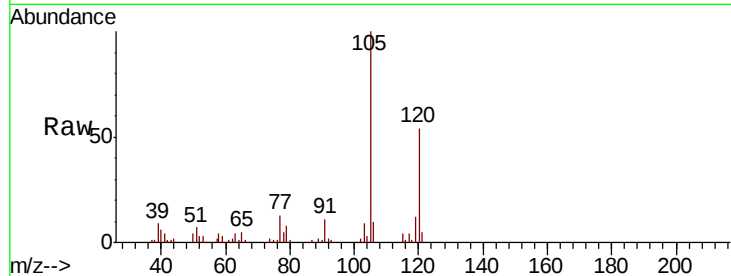




#82
4-Chlorotoluene
Concen: 0.443 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

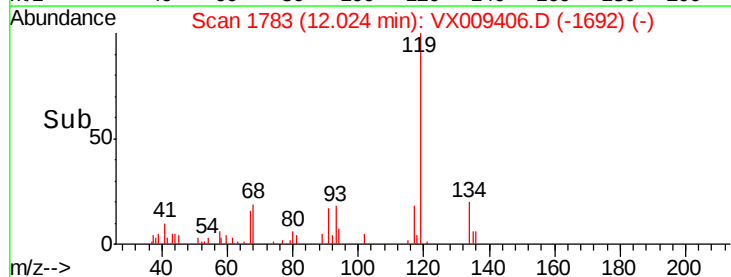
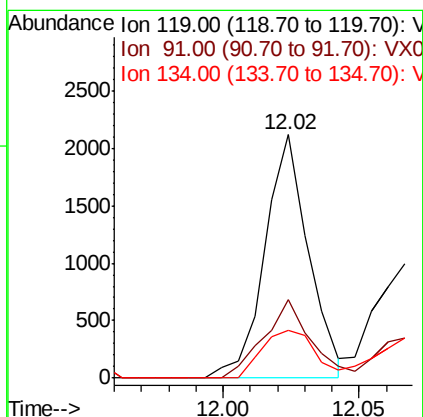
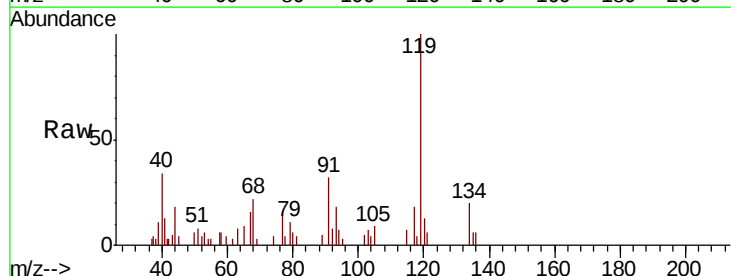
Instrument :
MSVOA_X
ClientSampleId :
OR-03-050719-B

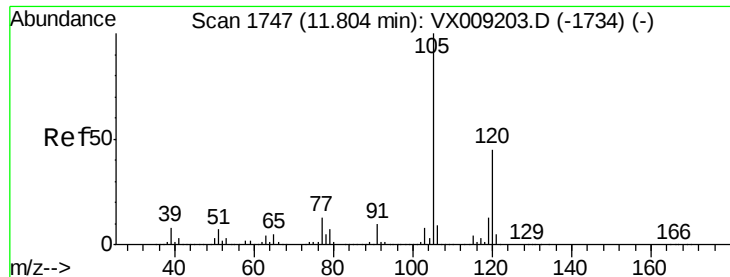
Tot Ion: 91 Resp: 2684
Ion Ratio Lower Upper
91 100
126 0.8 14.5 43.6#



#83
tert-Butylbenzene
Concen: 0.378 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.26 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

Tgt Ion: 119 Resp: 2355
Ion Ratio Lower Upper
119 100
91 34.0 29.5 88.5
134 24.0 11.4 34.1

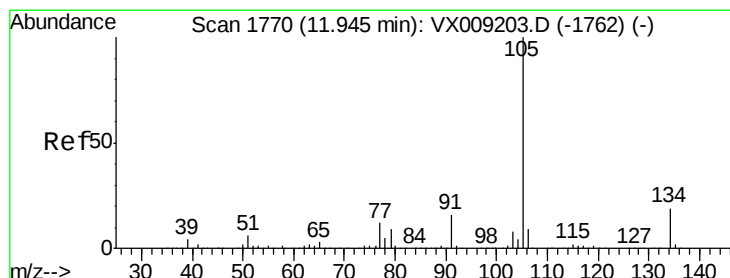
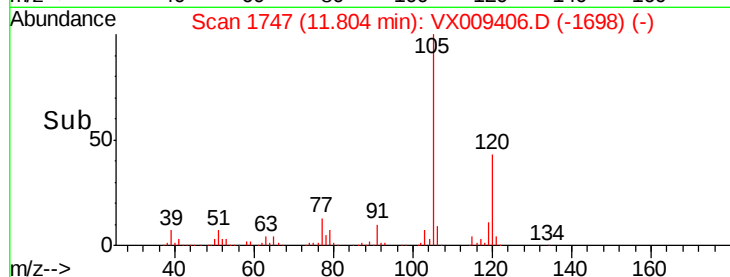
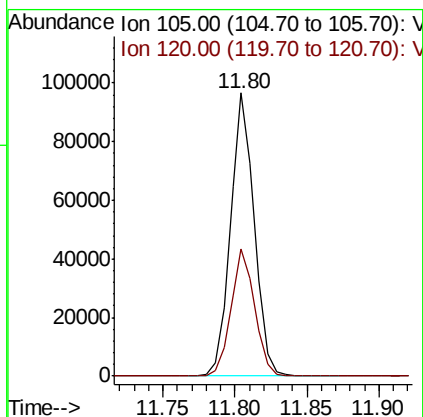
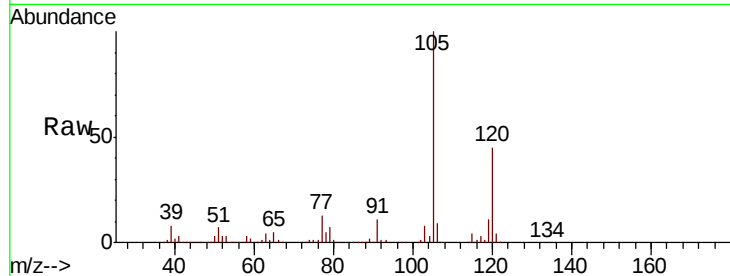




#84
 1,2,4-Trimethylbenzene
 Concen: 17.388 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009406.D
 Acq: 08 May 2019 18:18

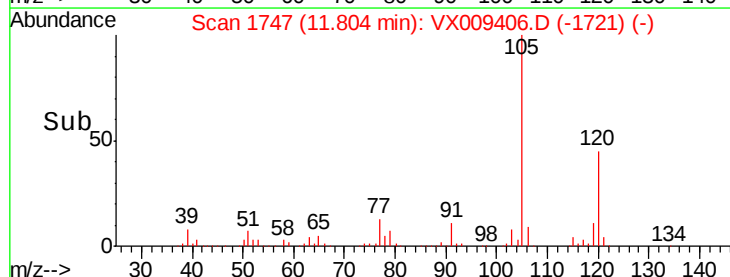
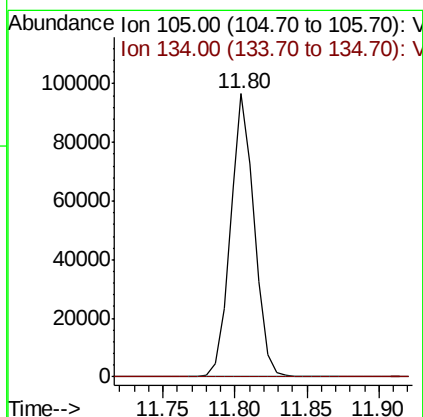
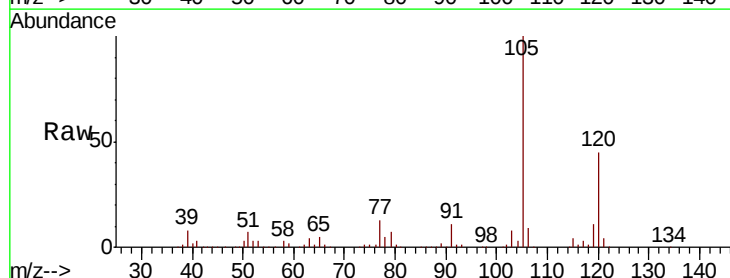
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-050719-B

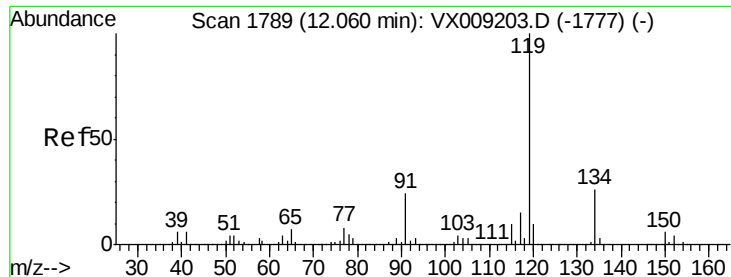
Tot Ion:105 Resp: 111818
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 15.133 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX009406.D
 Acq: 08 May 2019 18:18

Tgt Ion:105 Resp: 111818
 Ion Ratio Lower Upper
 105 100
 134 0.1 9.7 28.9#

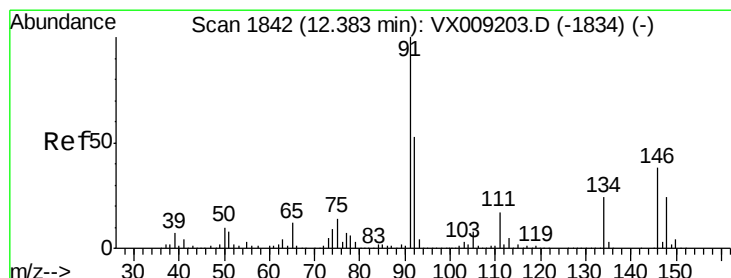
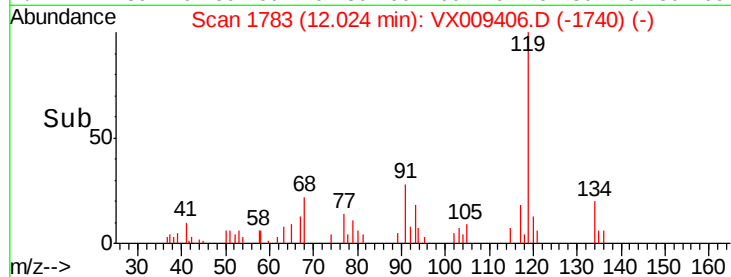
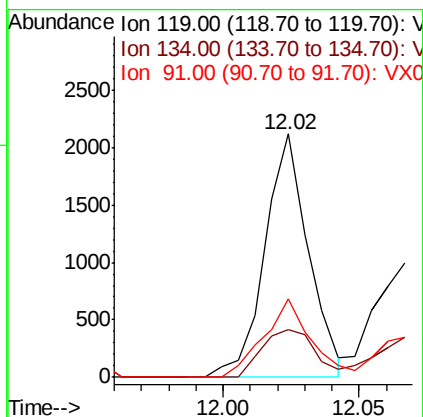
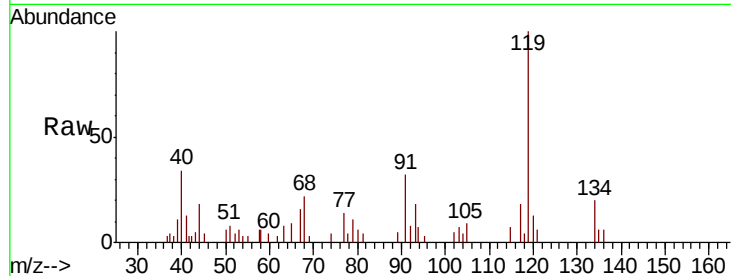




#86
p-Isopropyltoluene
Concen: 0.355 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

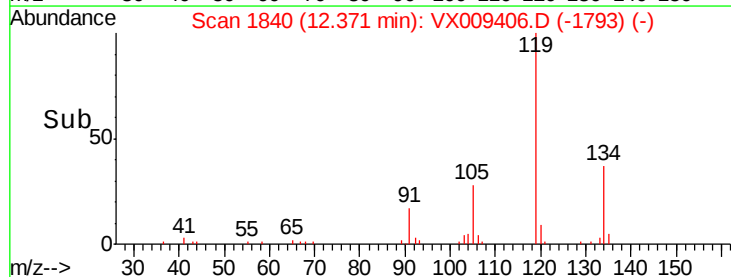
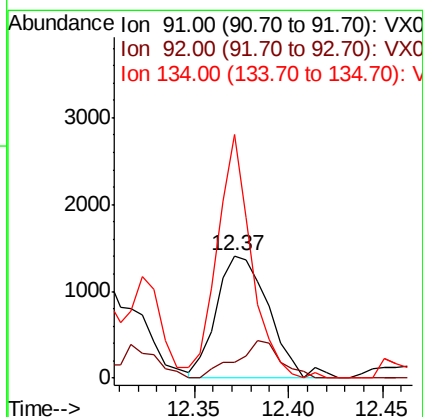
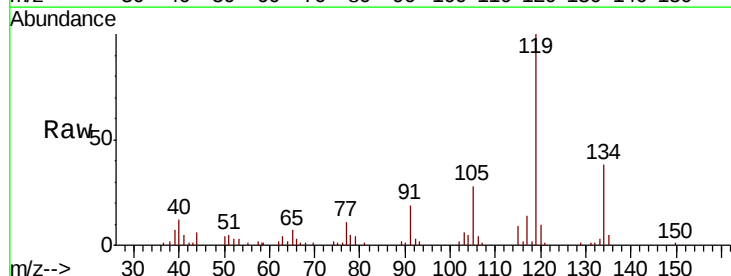
Instrument :
MSVOA_X
ClientSampleId :
OR-03-050719-B

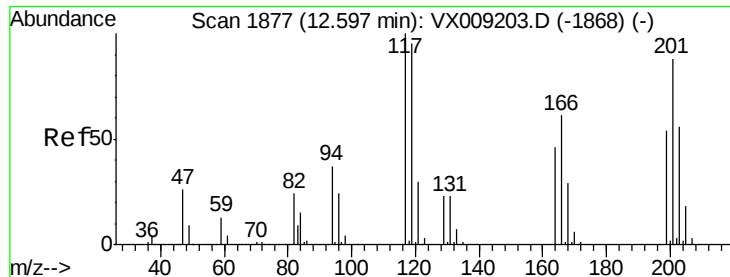
Tot Ion:119 Resp: 2355
Ion Ratio Lower Upper
119 100
134 24.0 12.9 38.7
91 34.8 11.8 35.4



#89
n-Butylbenzene
Concen: 0.454 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX009406.D
Acq: 08 May 2019 18:18

Tgt Ion: 91 Resp: 2726
Ion Ratio Lower Upper
91 100
92 25.9 26.5 79.5#
134 130.2 12.4 37.2#





#90

Hexachloroethane

Concen: 0.520 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

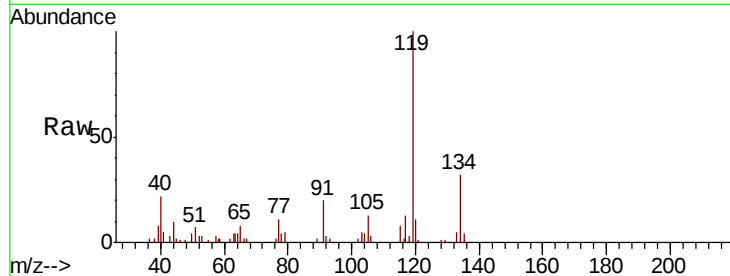
OR-03-050719-B

Tot Ion:117 Resp: 589

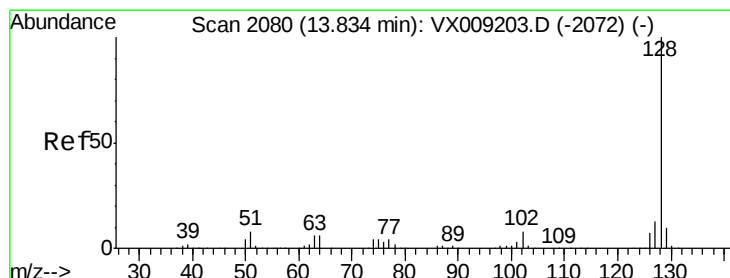
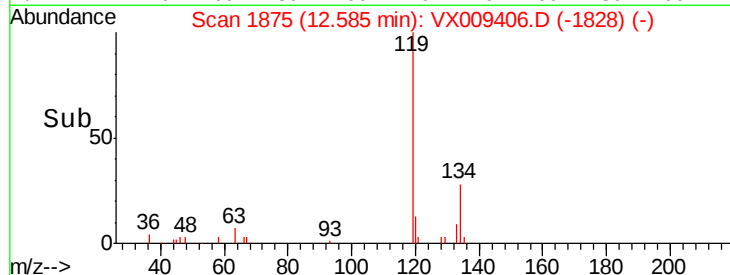
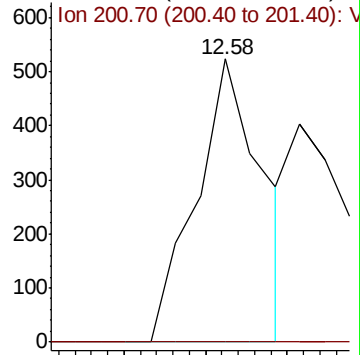
Ion Ratio Lower Upper

117 100

201 0.0 42.3 126.9#



Abundance Ion 116.80 (116.50 to 117.50): V



#95

Naphthalene

Concen: 6.490 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX009406.D

Acq: 08 May 2019 18:18

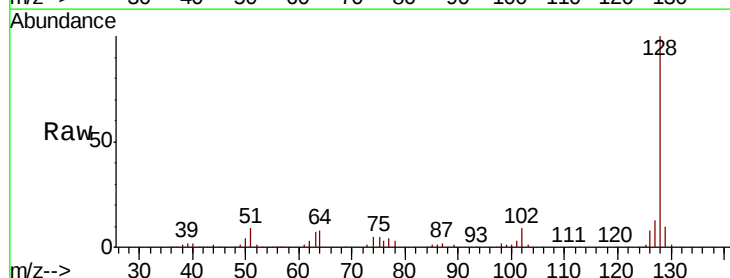
Tgt Ion:128 Resp: 49515

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 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

