

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013686.D
 Acq On : 28 Nov 2019 05:28
 Operator : JC/SP
 Sample : K5965-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0187

Quant Time: Nov 29 00:42:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	695062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1089032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	976499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	459423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	384884	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
35) Dibromofluoromethane	5.49	113	316440	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	8.71	98	1277973	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.14	95	455340	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	2009	0.231 ug/l #	61
4) Vinyl Chloride	1.40	62	30217	3.093 ug/l	99
6) Chloroethane	1.65	64	1261	0.227 ug/l #	41
11) Tert butyl alcohol	3.01	59	3437	1.726 ug/l #	74
13) Acrolein	2.26	56	567	6.419 ug/l #	1
14) Allyl chloride	2.60	41	3479	0.290 ug/l #	68
15) Acrylonitrile	3.17	53	3645	0.887 ug/l #	27
16) Acetone	2.43	43	8554	2.147 ug/l	92
18) Methyl Acetate	2.84	43	15497	1.397 ug/l #	61
21) trans-1,2-Dichloroethene	3.16	96	14157	1.965 ug/l	85
24) 1,1-Dichloroethane	3.69	63	3021	0.239 ug/l #	78
25) 2-Butanone	4.67	43	1184	0.200 ug/l #	49
27) cis-1,2-Dichloroethene	4.59	96	2436716	294.455 ug/l	89
31) Cyclohexane	5.57	56	269452	22.609 ug/l	100
36) 1,1-Dichloropropene	5.65	75	45924	4.646 ug/l #	51
38) Carbon Tetrachloride	5.65	117	61014	6.693 ug/l #	14
39) Methylcyclohexane	7.46	83	575403	47.088 ug/l	100
40) Benzene	6.14	78	228930	7.603 ug/l	96
43) Isopropyl Acetate	6.44	43	5693	0.312 ug/l #	83
44) Trichloroethene	7.21	130	5022	0.608 ug/l	69
45) 1,2-Dichloropropane	7.47	63	5340	0.709 ug/l #	1
48) Methyl methacrylate	7.73	41	27294	3.077 ug/l #	53
49) 1,4-Dioxane	7.73	88	238	1.199 ug/l #	1
52) Toluene	8.78	92	10171	0.544 ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	23604	3.131 ug/l #	21
56) Ethyl methacrylate	9.17	69	5137	0.424 ug/l #	1
59) 2-Hexanone	9.30	43	13159	1.469 ug/l	72
64) Tetrachloroethene	9.33	164	5330	0.732 ug/l #	88
65) Chlorobenzene	10.13	112	13862	0.684 ug/l	92
67) Ethyl Benzene	10.25	91	1233603	35.409 ug/l	100
68) m/p-Xylenes	10.35	106	944100	70.782 ug/l	100
69) o-Xylene	10.70	106	117041	8.997 ug/l	100
70) Styrene	10.70	104	6171	0.282 ug/l #	1
73) Isopropylbenzene	11.01	105	245364	7.614 ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

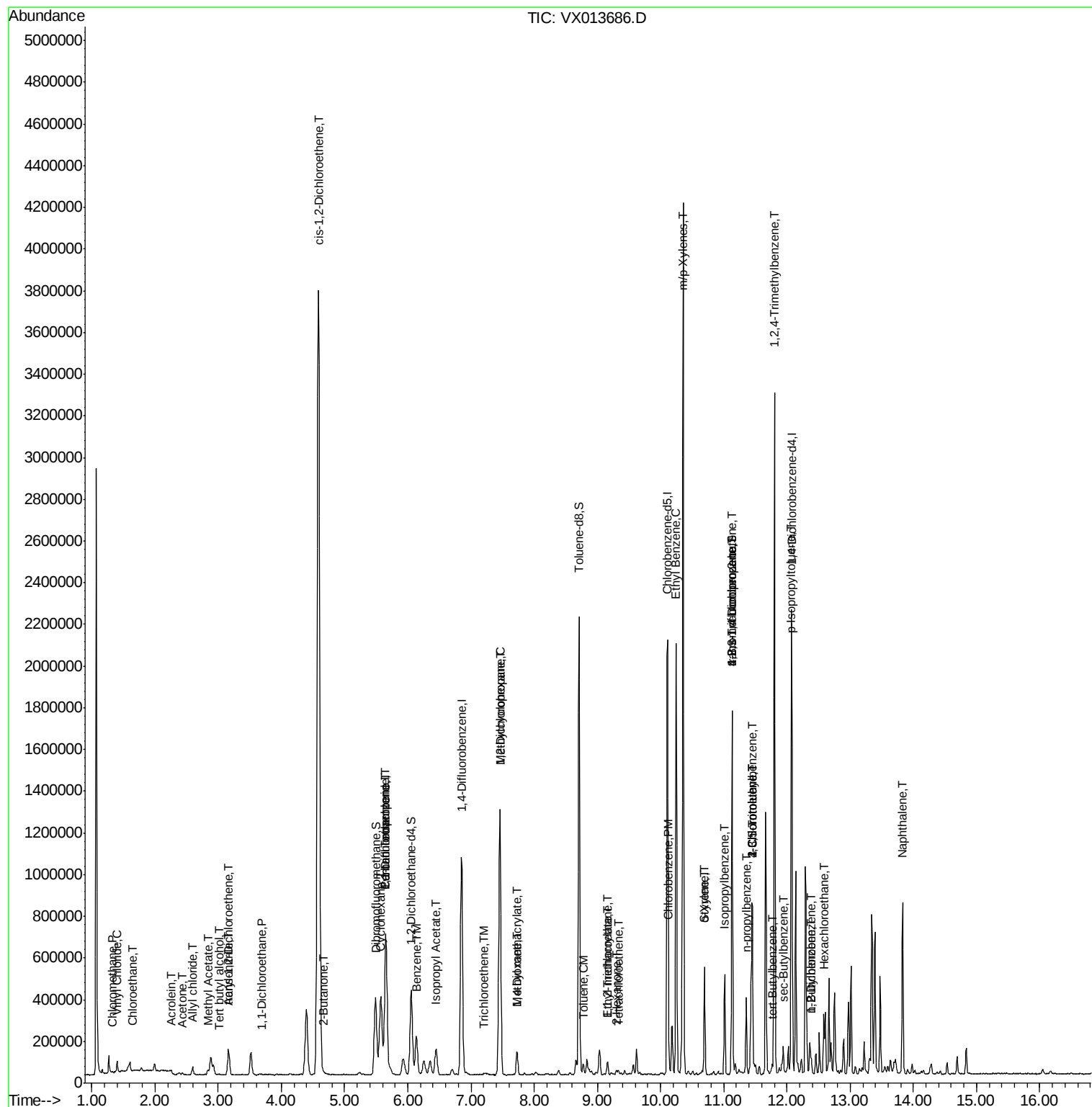
76) 1,2,3-Trichloropropane	11.13	75	219421	21.234	ug/l #	39
78) n-propylbenzene	11.35	91	199441	5.544	ug/l	100
79) 2-Chlorotoluene	11.45	91	68102	3.156	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.45	105	616124	23.327	ug/l	71
81) trans-1,4-Dichloro-2-buten	11.13	75	219421	58.094	ug/l #	11
82) 4-Chlorotoluene	11.45	91	68102	2.725	ug/l #	44
83) tert-Butylbenzene	11.76	119	16851	0.628	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	1471193	54.882	ug/l	98
85) sec-Butylbenzene	11.94	105	56728	1.850	ug/l	81
86) p-Isopropyltoluene	12.06	119	79668	2.793	ug/l	97
89) n-Butylbenzene	12.39	91	27008	1.110	ug/l #	47
90) Hexachloroethane	12.58	117	11559	2.242	ug/l #	7
91) 1,2-Dichlorobenzene	12.39	146	9277	0.619	ug/l	98
95) Naphthalene	13.83	128	491325	15.787	ug/l	99

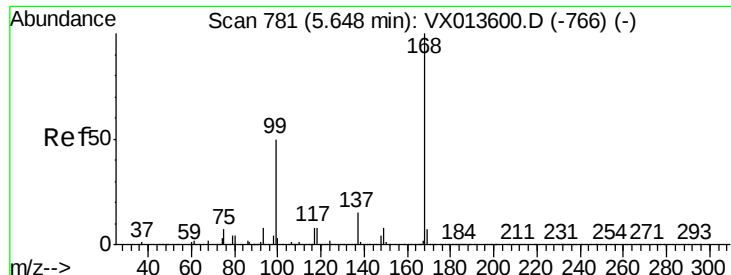
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

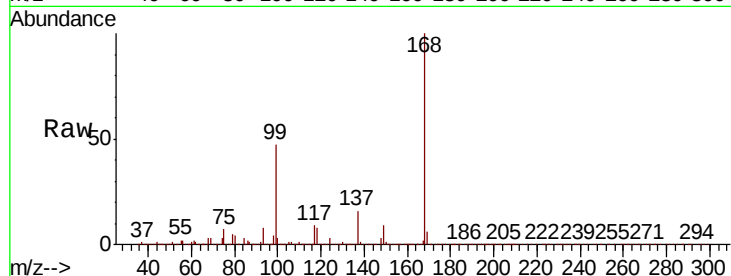
S39-0187

Tot Ion:168 Resp: 695062

Ion Ratio Lower Upper

168 100

99 47.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

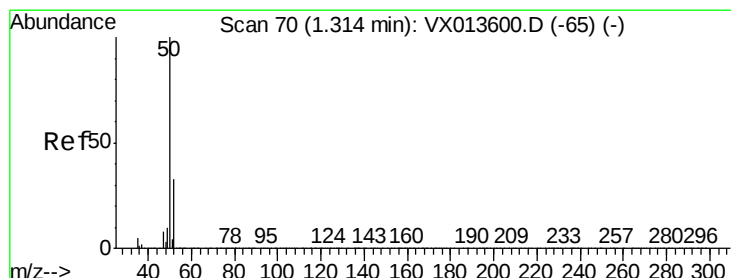
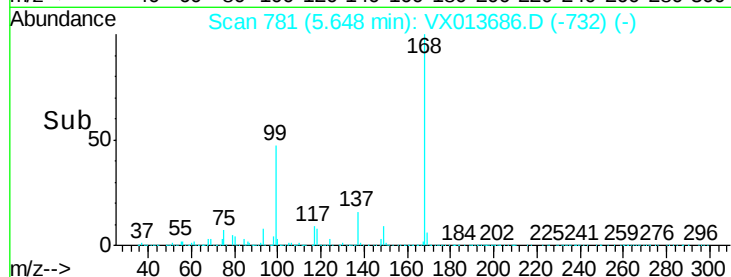
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.231 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013686.D

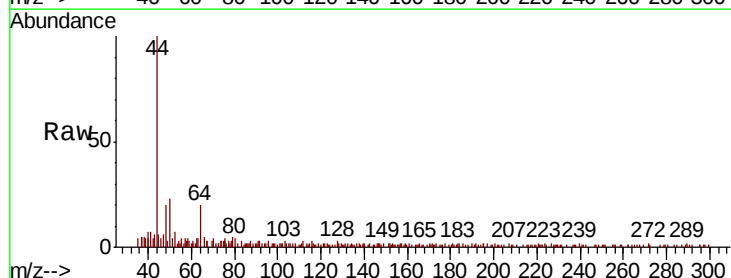
Acq: 28 Nov 2019 05:28

Tgt Ion: 50 Resp: 2009

Ion Ratio Lower Upper

50 100

52 10.7 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

2000

1500

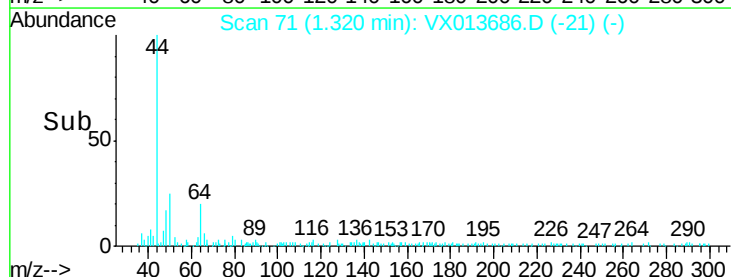
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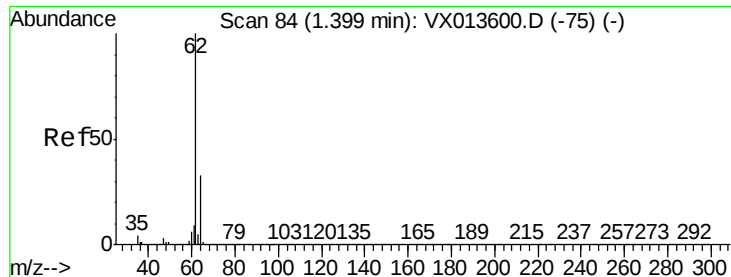
500

0

Time-->

1.28 1.30 1.32 1.34 1.36





#4

Vinyl Chloride

Concen: 3.093 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

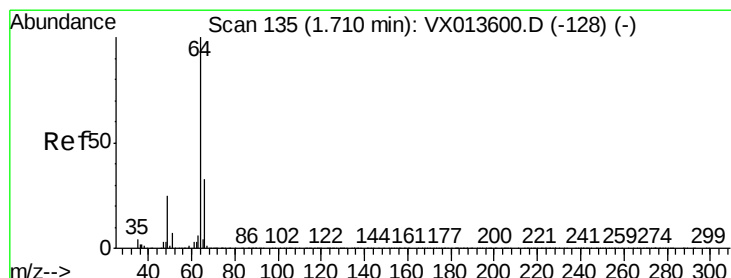
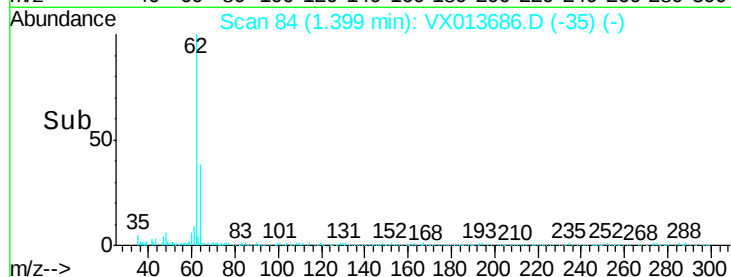
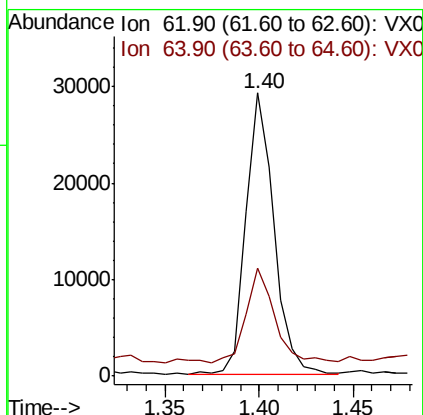
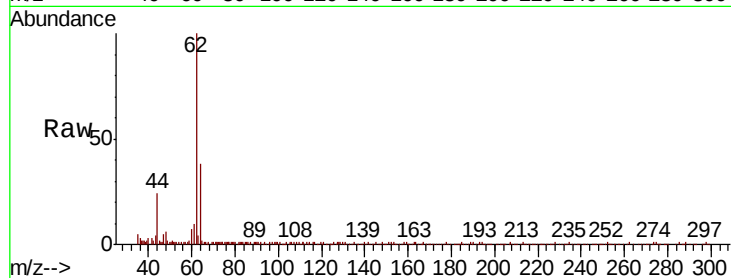
S39-0187

Tot Ion: 62 Resp: 30217

Ion Ratio Lower Upper

62 100

64 33.2 26.0 39.0



#6

Chloroethane

Concen: 0.227 ug/l

RT: 1.65 min Scan# 125

Delta R.T. -0.06 min

Lab File: VX013686.D

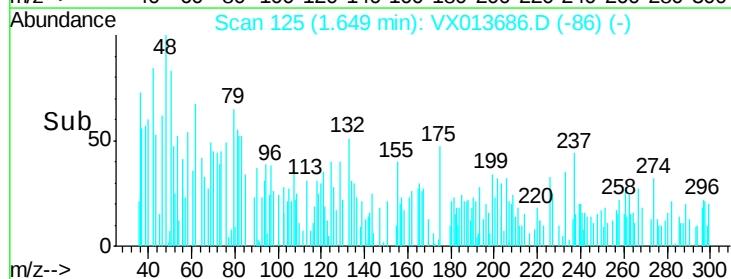
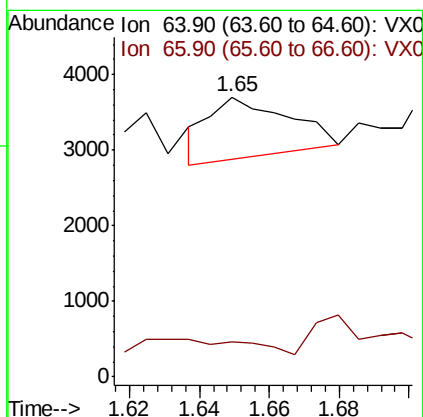
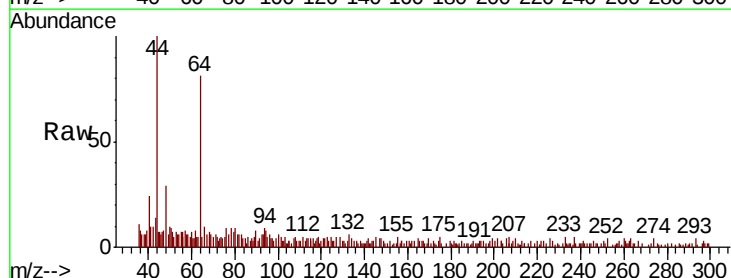
Acq: 28 Nov 2019 05:28

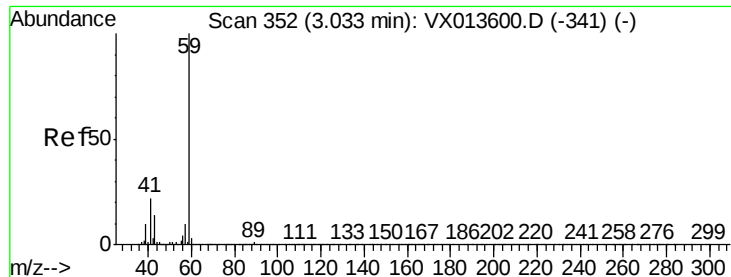
Tgt Ion: 64 Resp: 1261

Ion Ratio Lower Upper

64 100

66 0.0 26.7 40.1#

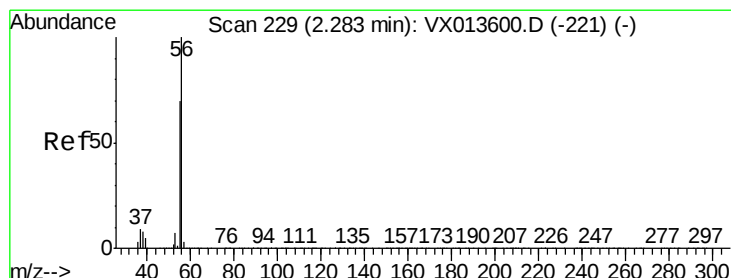
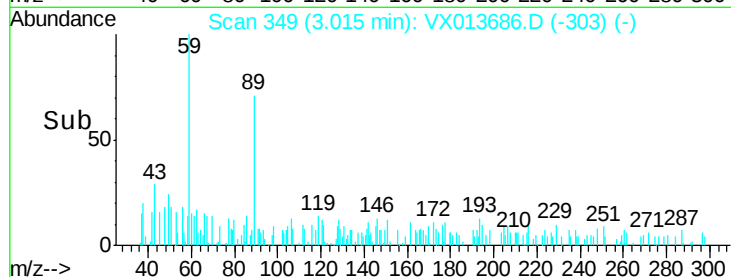
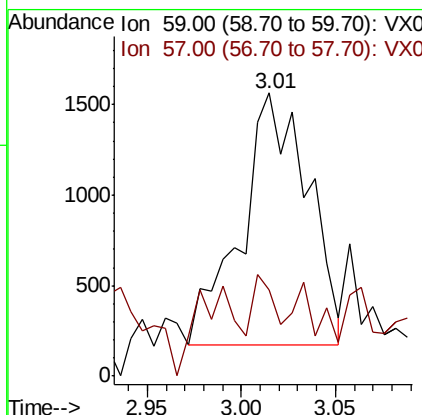
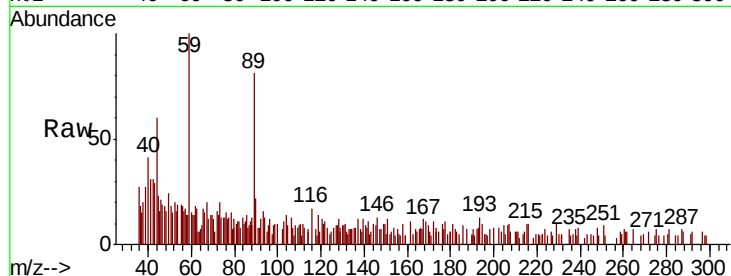




#11
Tert butyl alcohol
Concen: 1.726 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

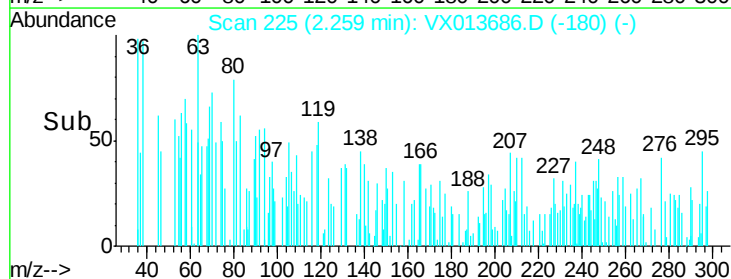
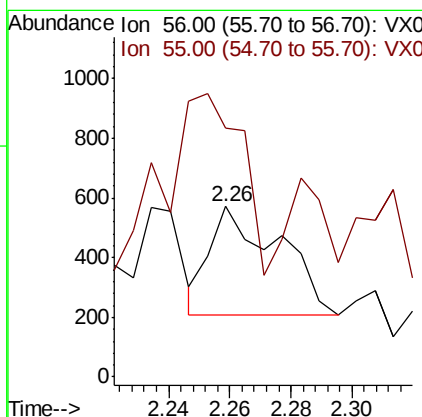
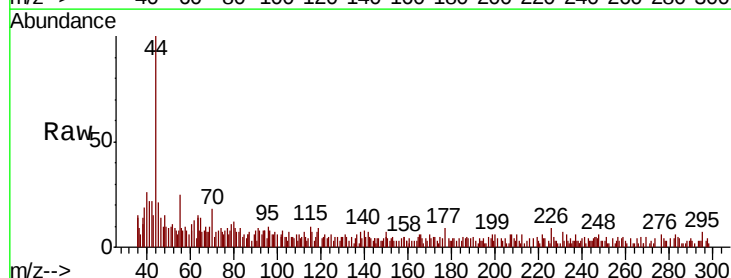
Instrument :
MSVOA_X
ClientSampleId :
S39-0187

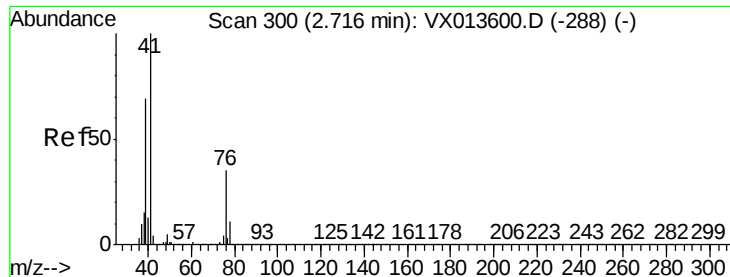
Tot Ion: 59 Resp: 3437
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#13
Acrolein
Concen: 6.419 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

Tgt Ion: 56 Resp: 567
Ion Ratio Lower Upper
56 100
55 187.3 56.2 84.4#





#14

Allvl chloride

Concen: 0.290 ug/l

RT: 2.60 min Scan# 281

Delta R.T. -0.12 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampled :

S39-0187

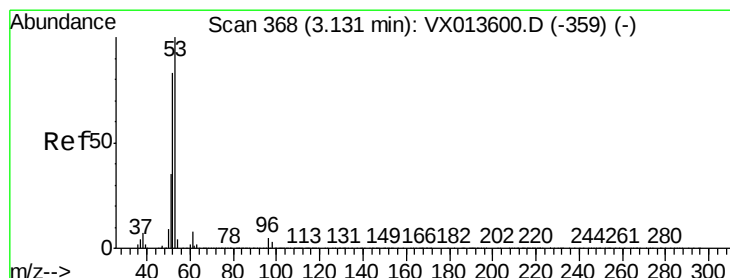
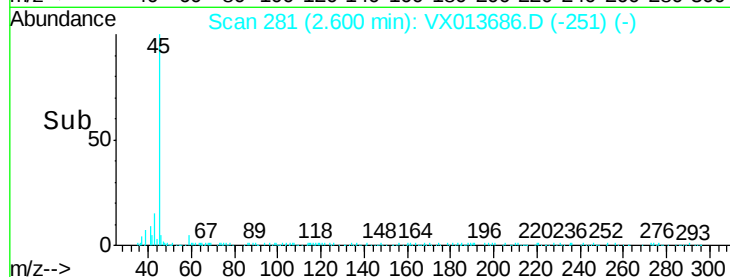
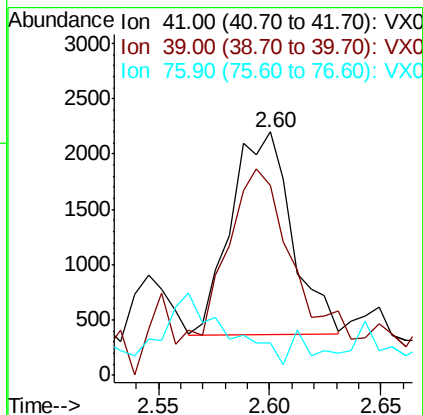
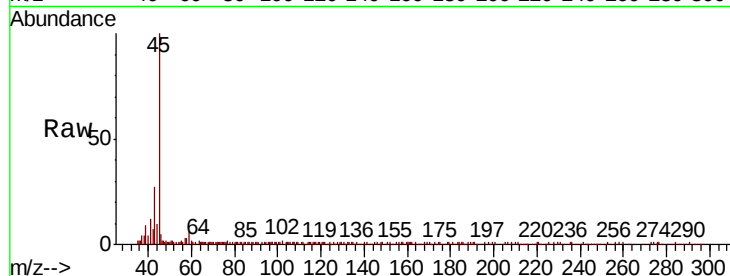
Tot Ion: 41 Resp: 3479

Ion Ratio Lower Upper

41 100

39 83.9 51.7 77.5#

76 6.3 25.9 38.9#



#15

Acrylonitrile

Concen: 0.887 ug/l

RT: 3.17 min Scan# 375

Delta R.T. 0.04 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

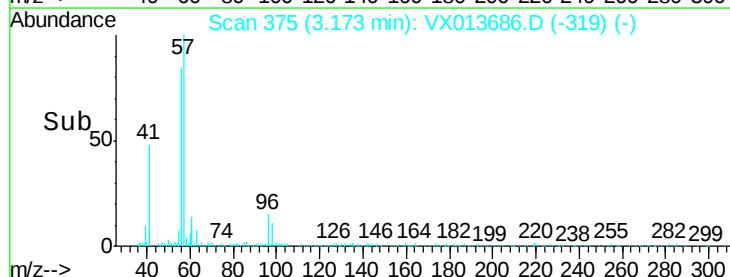
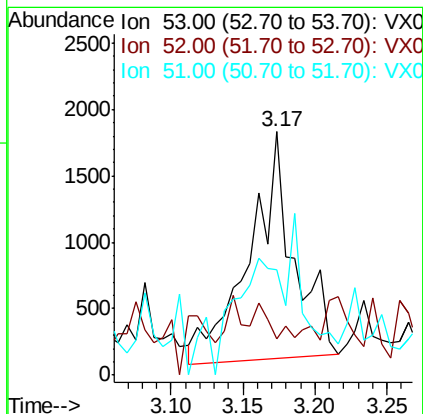
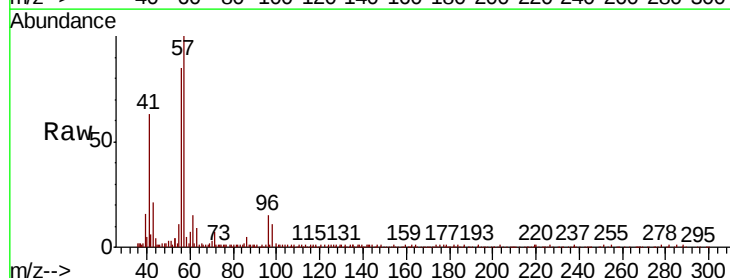
Tgt Ion: 53 Resp: 3645

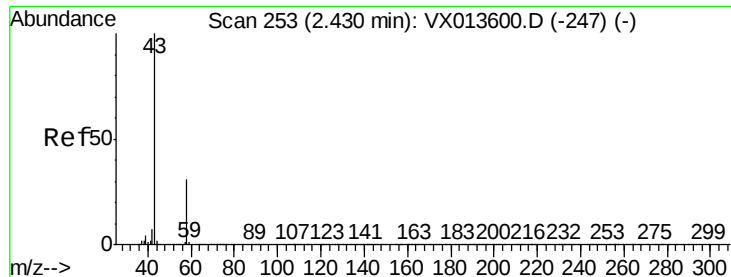
Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.2#

51 53.1 29.0 43.6#





#16

Acetone

Concen: 2.147 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

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ClientSampleId :

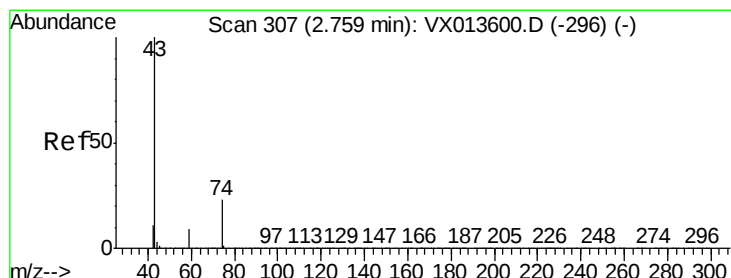
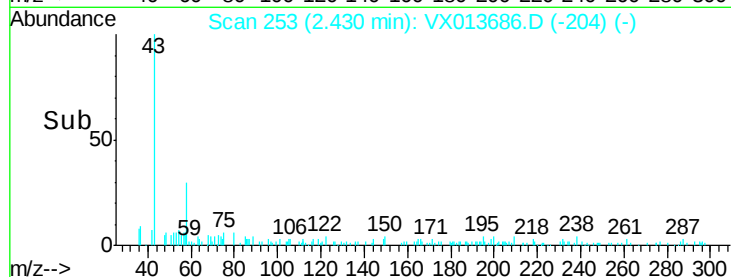
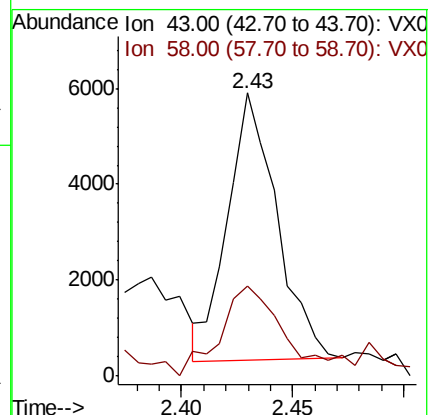
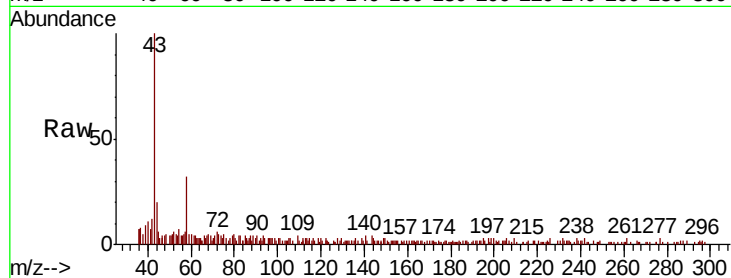
S39-0187

Tot Ion: 43 Resp: 8554

Ion Ratio Lower Upper

43 100

58 26.5 24.6 36.8



#18

Methyl Acetate

Concen: 1.397 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.08 min

Lab File: VX013686.D

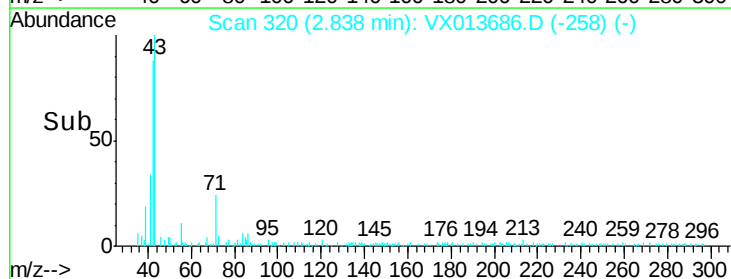
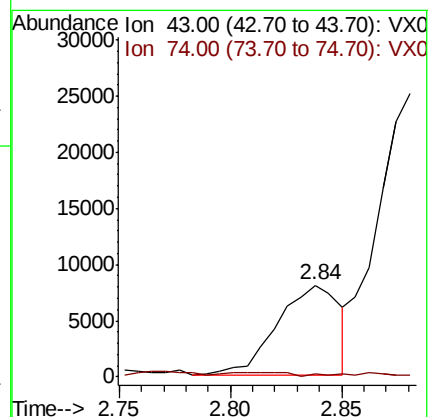
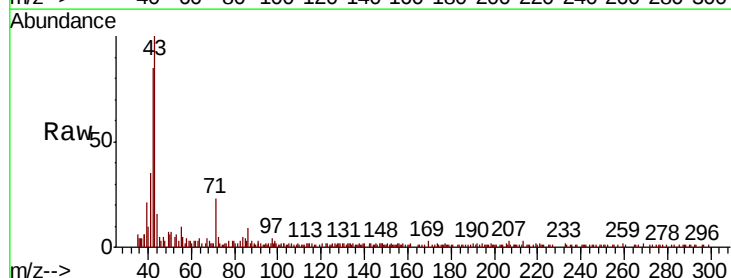
Acq: 28 Nov 2019 05:28

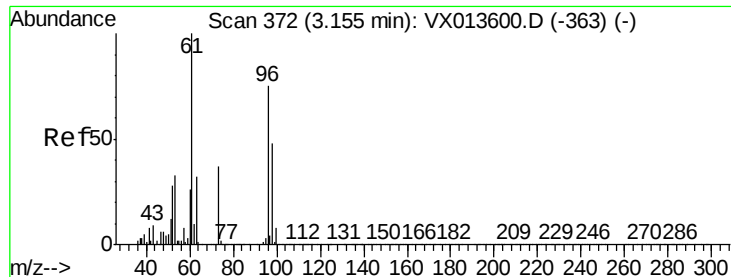
Tgt Ion: 43 Resp: 15497

Ion Ratio Lower Upper

43 100

74 5.2 19.5 29.3#





#21

trans-1,2-Dichloroethene

Concen: 1.965 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

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S39-0187

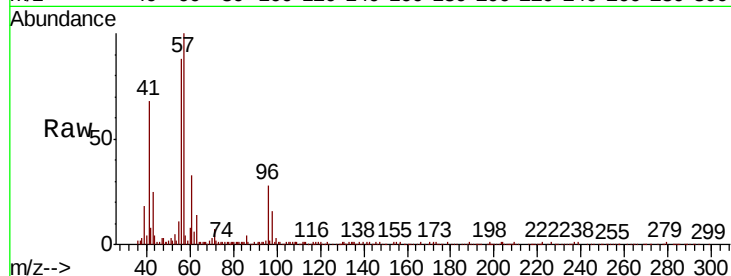
Tot Ion: 96 Resp: 14157

Ion Ratio Lower Upper

96 100

61 116.0 107.2 160.8

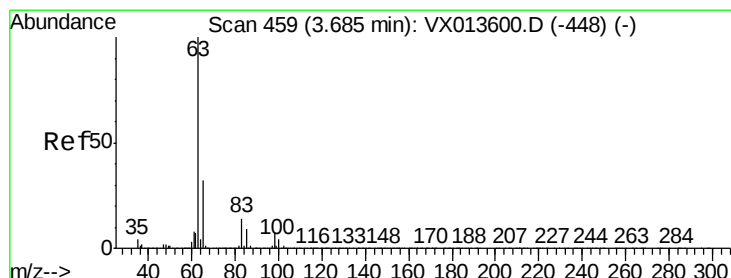
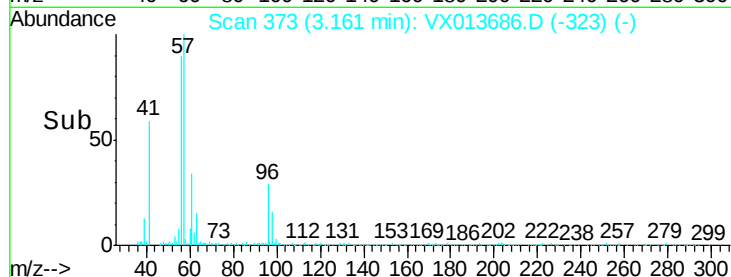
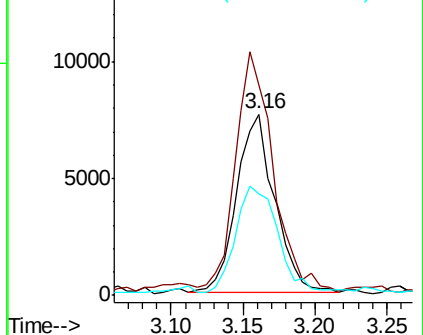
98 53.8 51.4 77.0



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



#24

1,1-Dichloroethane

Concen: 0.239 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

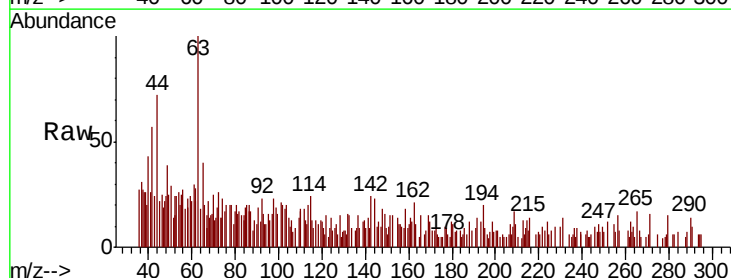
Tgt Ion: 63 Resp: 3021

Ion Ratio Lower Upper

63 100

98 11.4 3.5 10.4#

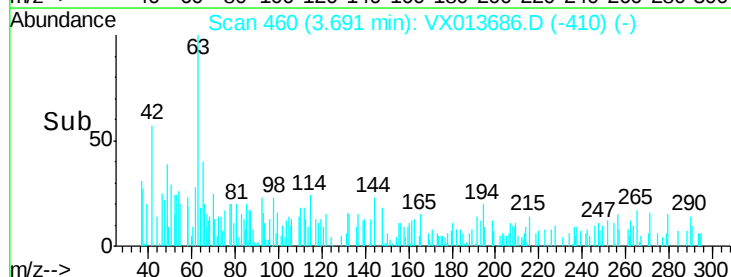
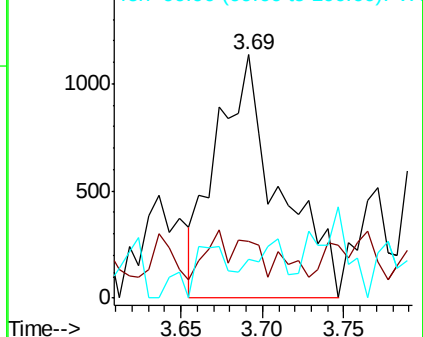
100 16.2 2.1 6.3#

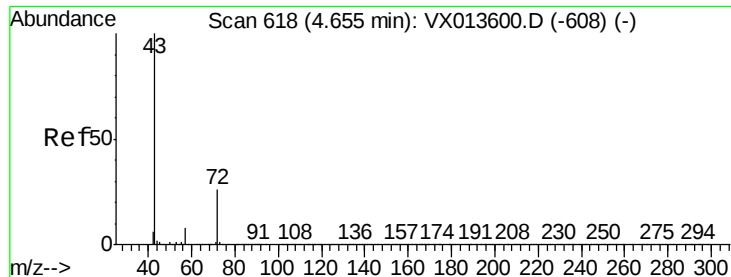


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 0.200 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

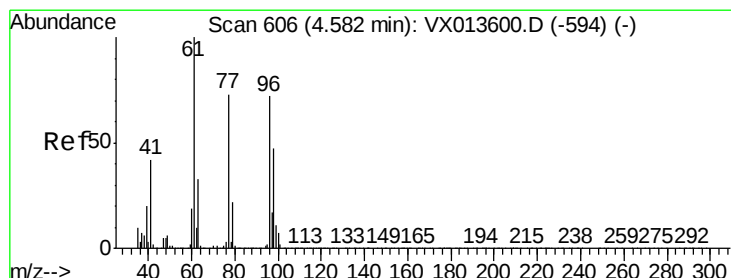
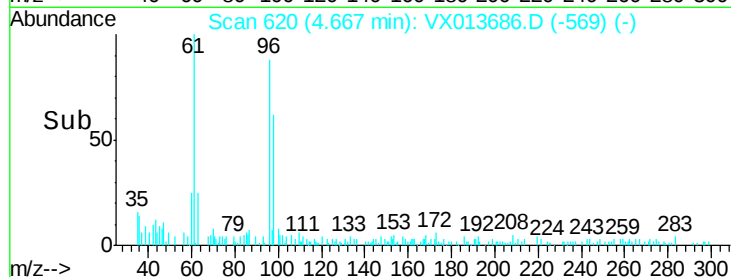
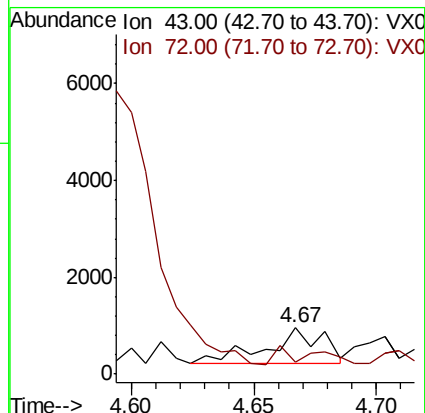
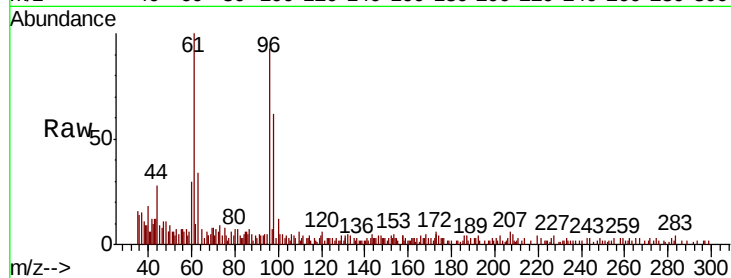
S39-0187

Tot Ion: 43 Resp: 1184

Ion Ratio Lower Upper

43 100

72 0.0 20.6 31.0#



#27

cis-1,2-Dichloroethene

Concen: 294.455 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

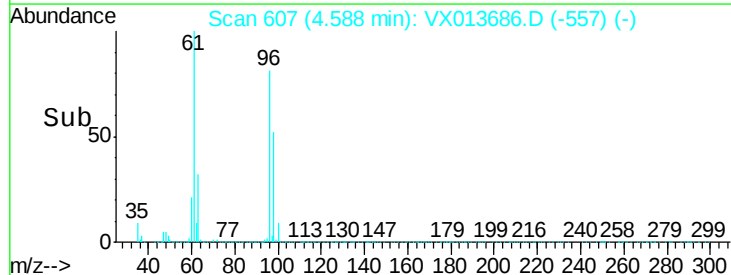
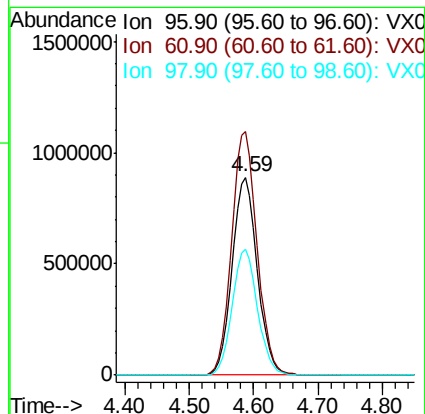
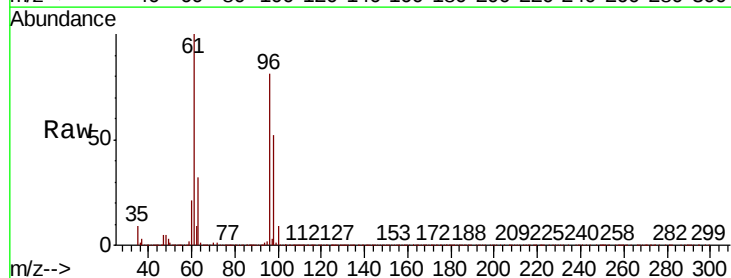
Tgt Ion: 96 Resp: 2436716

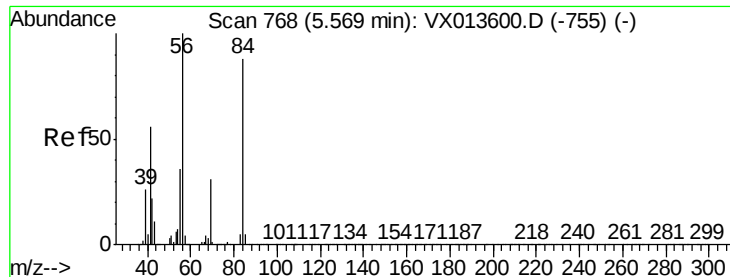
Ion Ratio Lower Upper

96 100

61 124.0 0.0 286.4

98 63.7 0.0 127.4

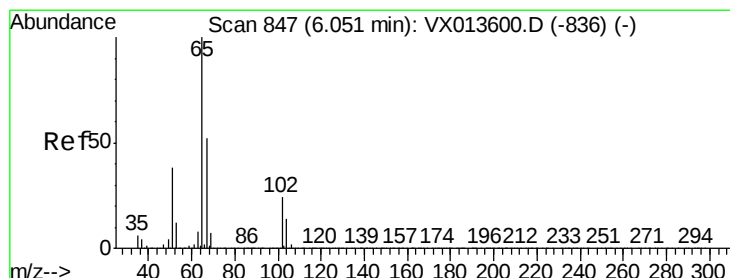
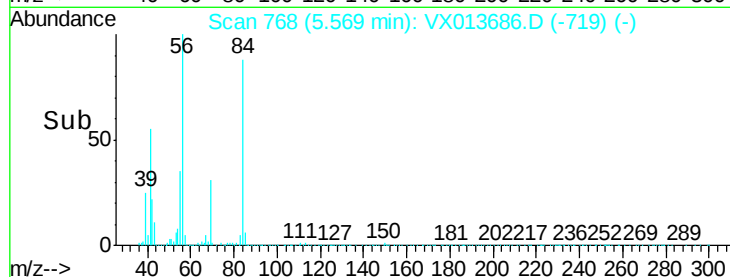
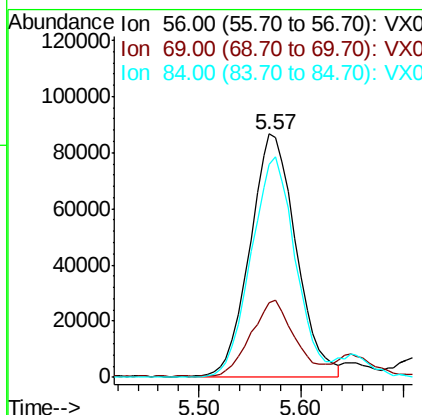
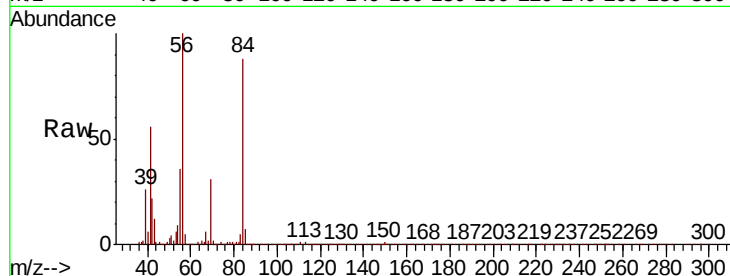




#31
Cyclohexane
Concen: 22.609 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

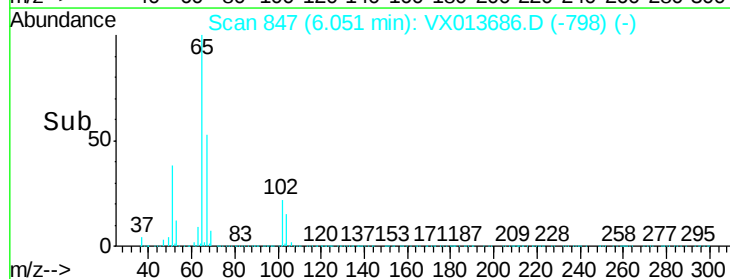
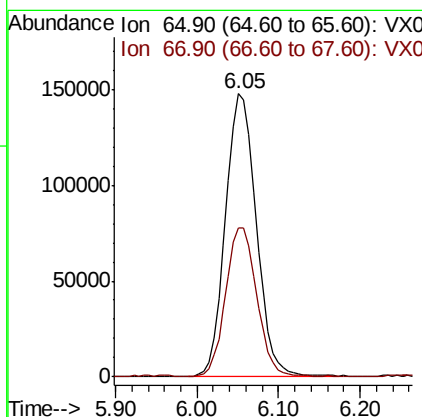
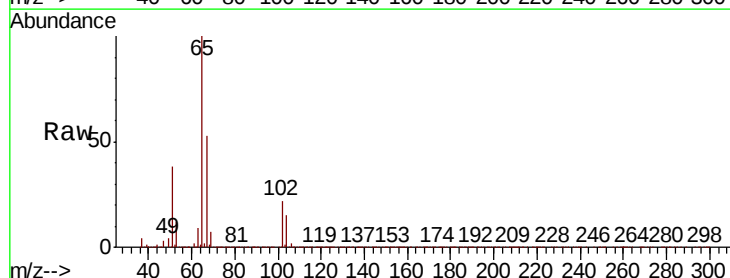
Instrument :
MSVOA_X
ClientSampleId :
S39-0187

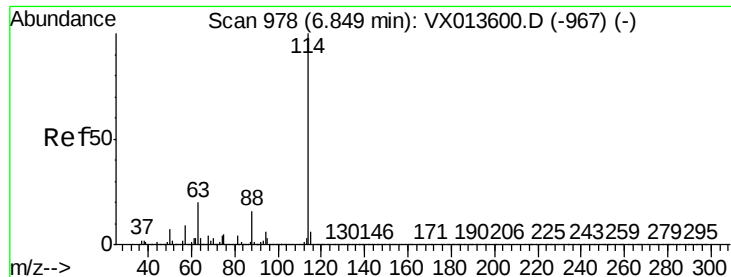
Tot Ion: 56 Resp: 269452
Ion Ratio Lower Upper
56 100
69 30.3 24.6 36.8
84 87.6 70.0 105.0



#33
1,2-Dichloroethane-d4
Concen: 47.704 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

Tgt Ion: 65 Resp: 384884
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampled :

S39-0187

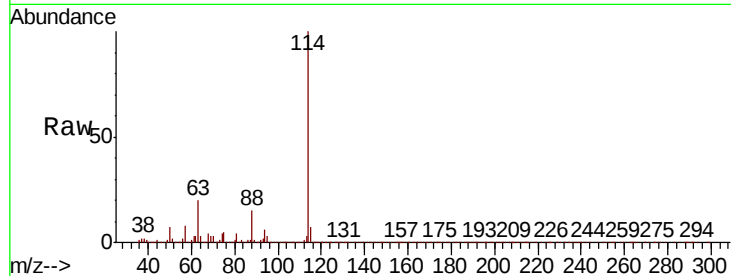
Tot Ion:114 Resp: 1089032

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

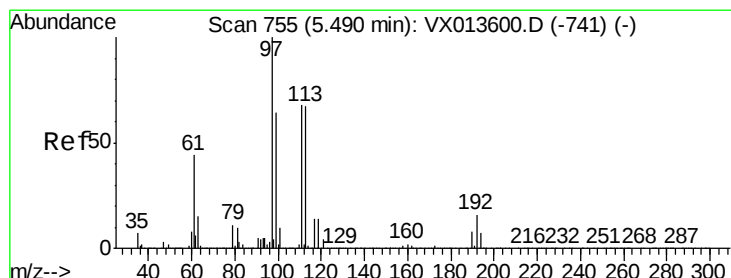
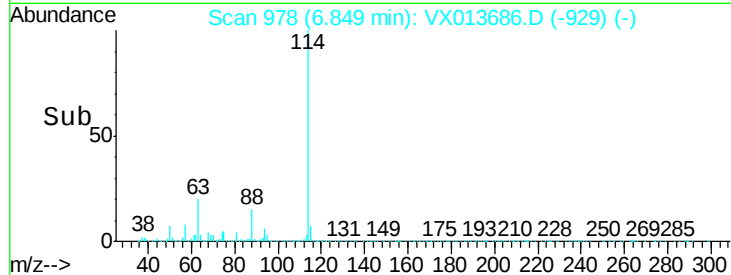
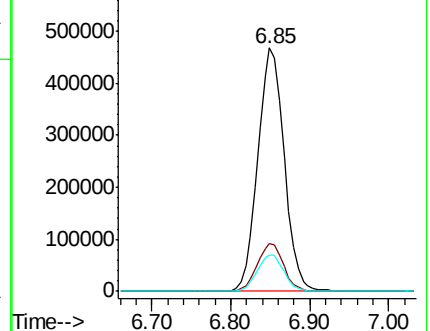
88 15.0 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 47.002 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

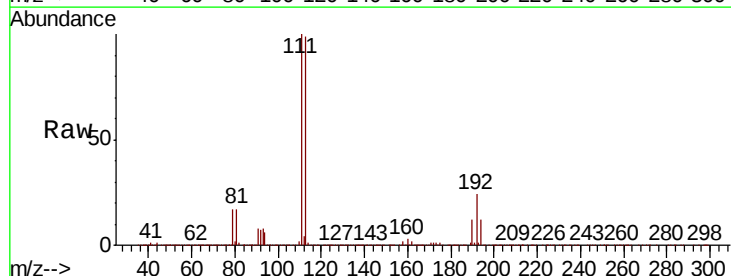
Tgt Ion:113 Resp: 316440

Ion Ratio Lower Upper

113 100

111 103.2 83.6 125.4

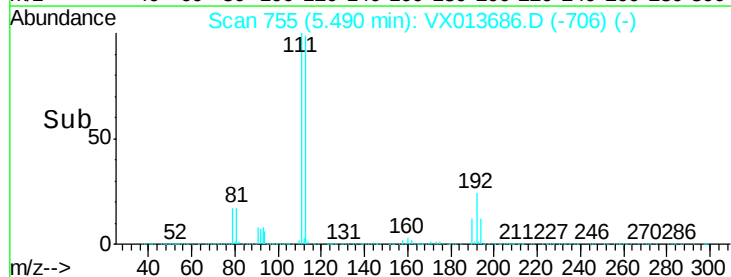
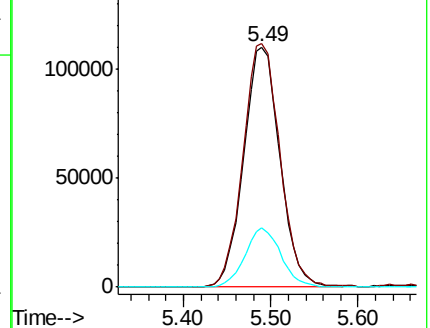
192 24.1 19.2 28.8

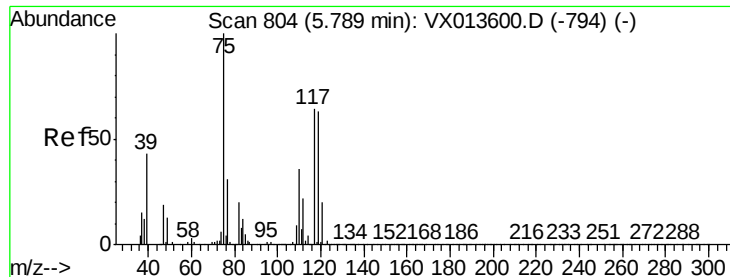


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.646 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

S39-0187

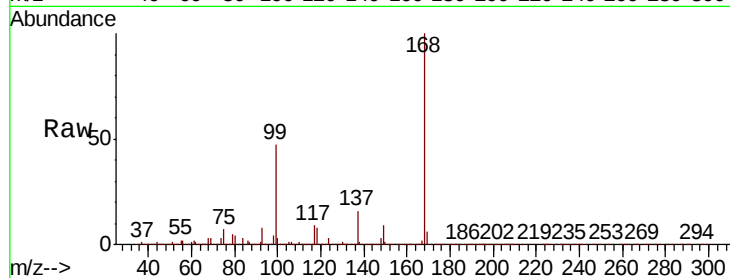
Tot Ion: 75 Resp: 45924

Ion Ratio Lower Upper

75 100

110 10.5 18.1 54.1#

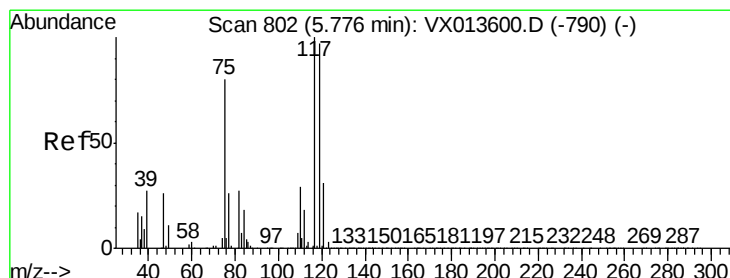
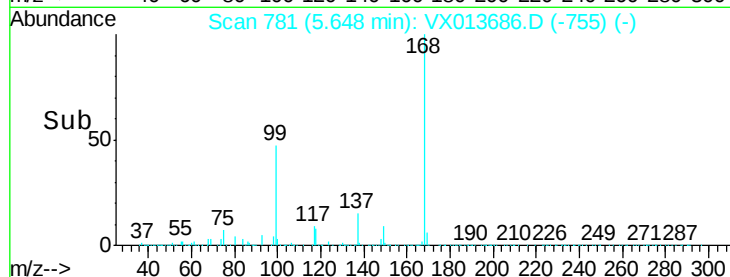
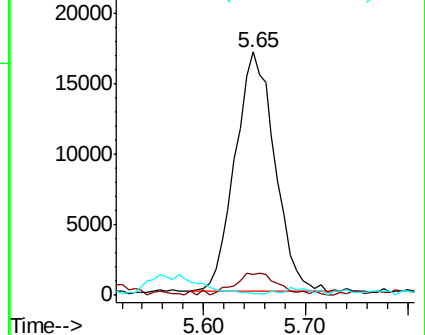
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.693 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

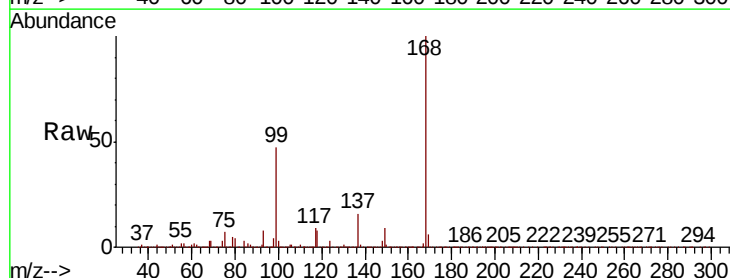
Tgt Ion: 117 Resp: 61014

Ion Ratio Lower Upper

117 100

119 3.7 77.5 116.3#

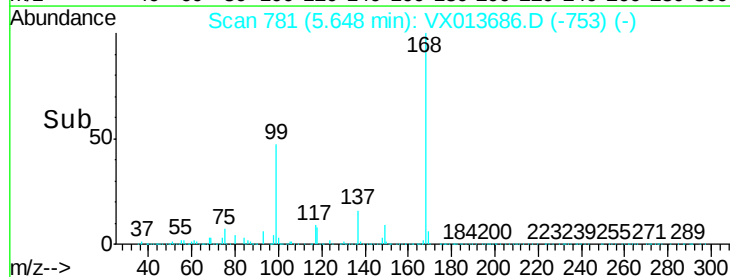
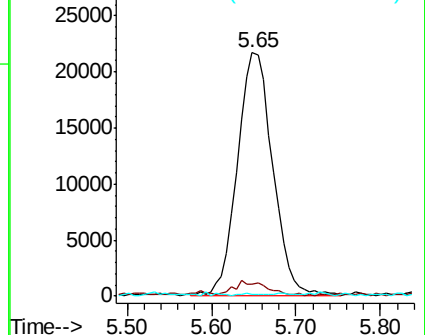
121 0.0 25.0 37.6#

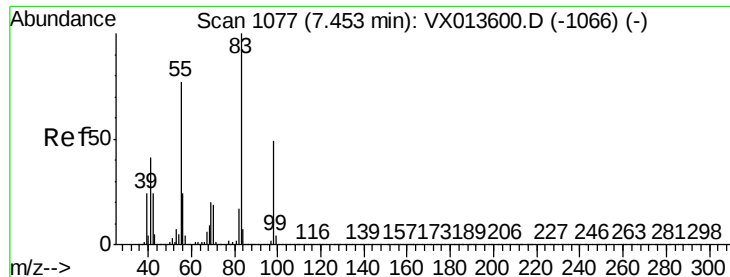


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

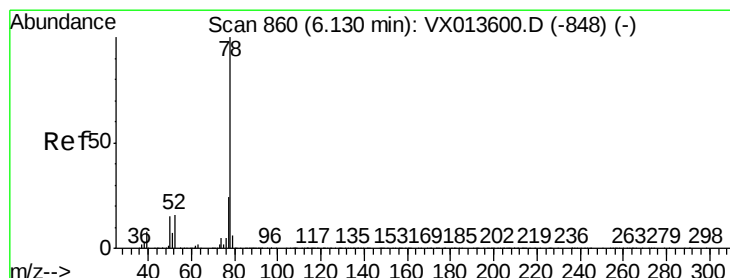
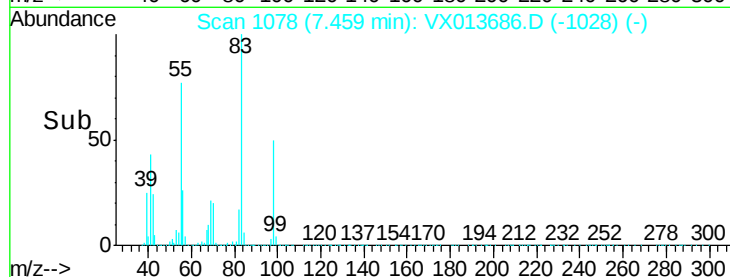
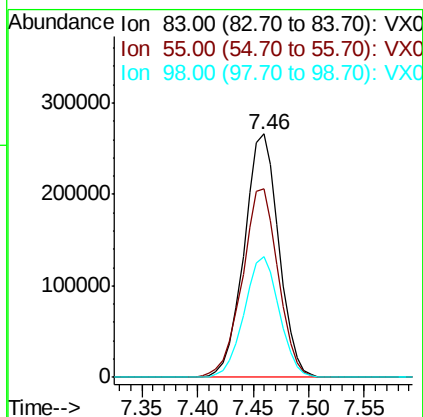
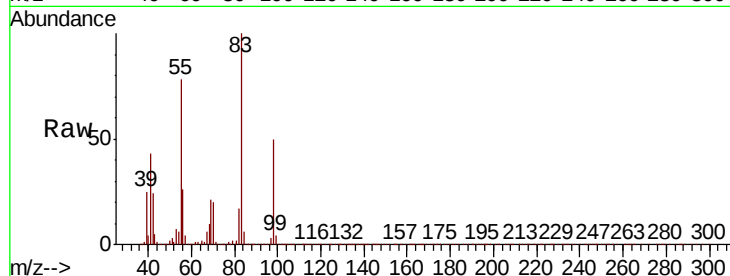




#39
Methvlcvclohexane
Concen: 47.088 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

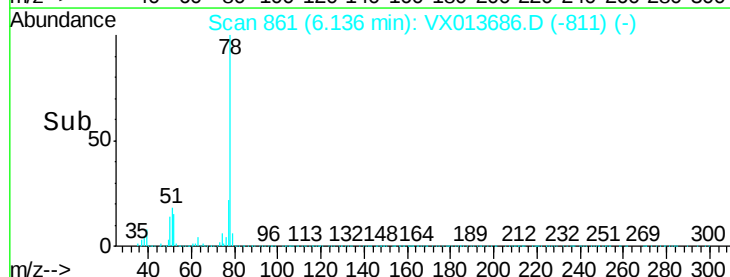
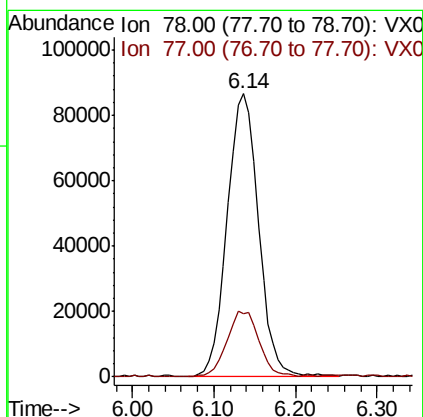
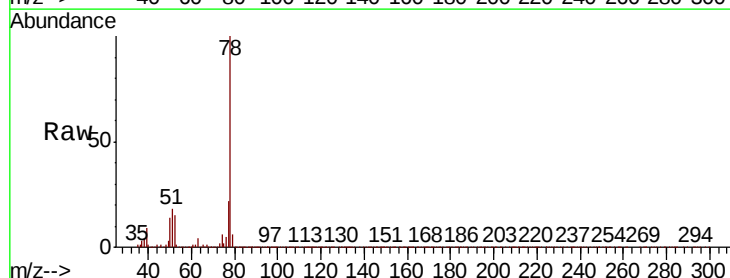
Instrument :
MSVOA_X
ClientSampleId :
S39-0187

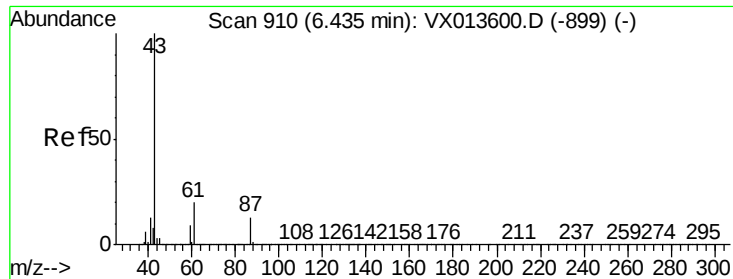
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.9	92.9
98	49.6	39.4	59.0



#40
Benzene
Concen: 7.603 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.0	28.4





#43

Isopropyl Acetate

Concen: 0.312 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

S39-0187

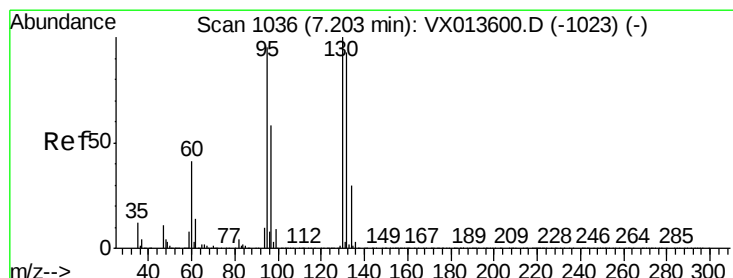
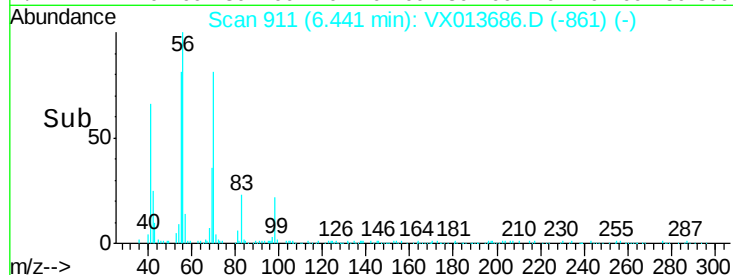
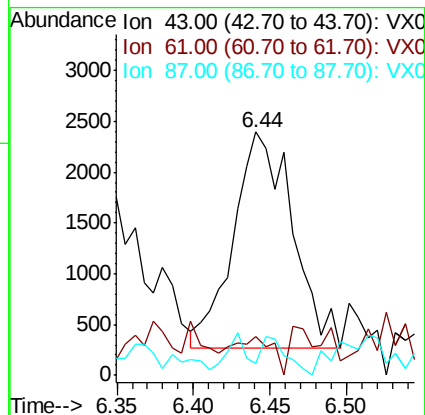
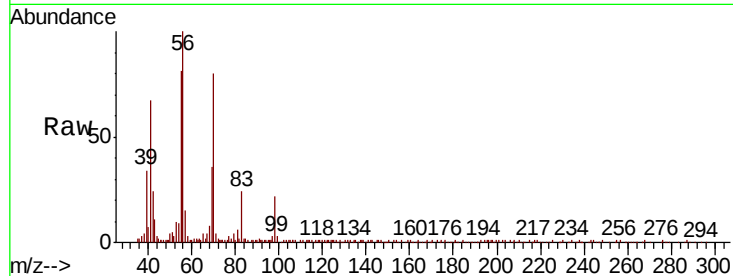
Tot Ion: 43 Resp: 5693

Ion Ratio Lower Upper

43 100

61 12.1 16.3 24.5#

87 7.4 10.8 16.2#



#44

Trichloroethene

Concen: 0.608 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013686.D

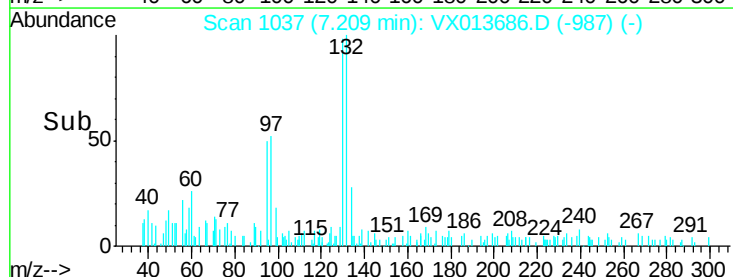
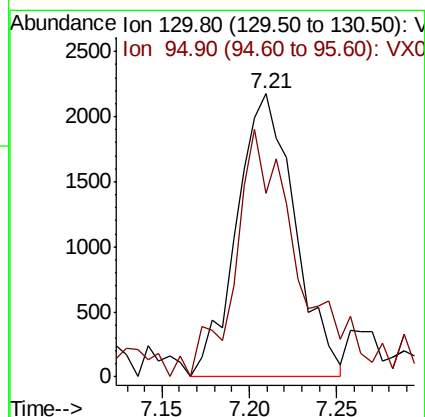
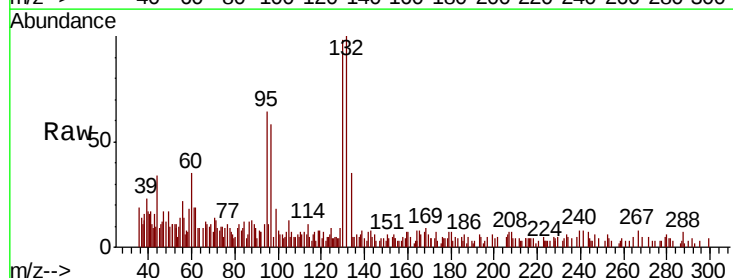
Acq: 28 Nov 2019 05:28

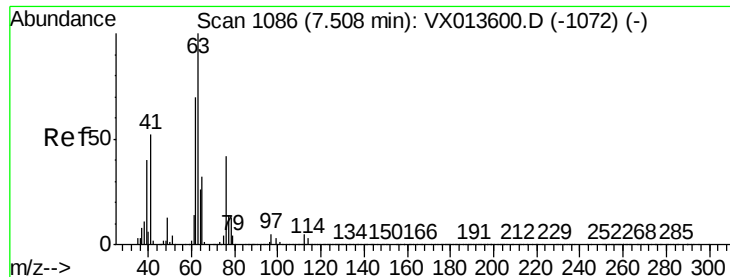
Tgt Ion: 130 Resp: 5022

Ion Ratio Lower Upper

130 100

95 64.9 0.0 190.8





#45

1,2-Dichloropropane

Concen: 0.709 ug/l

RT: 7.47 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

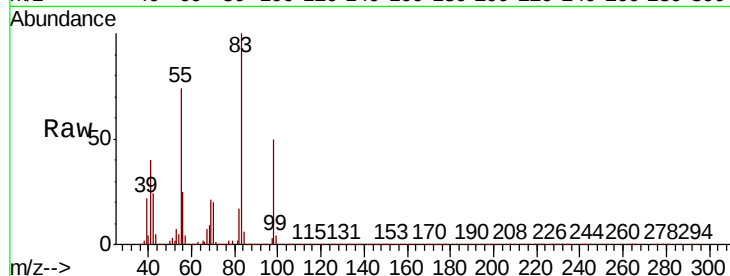
S39-0187

Tot Ion: 63 Resp: 5340

Ion Ratio Lower Upper

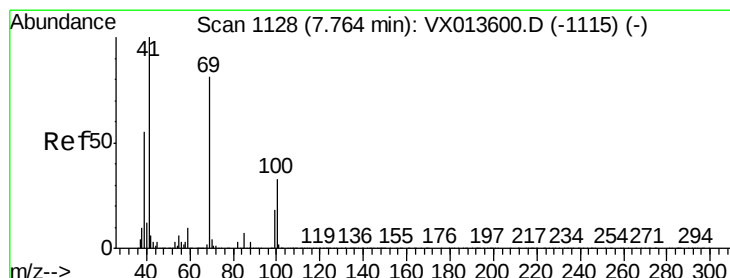
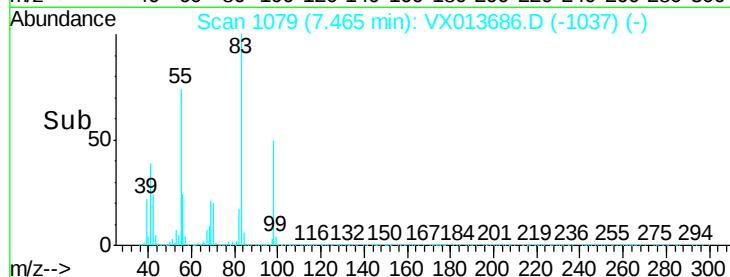
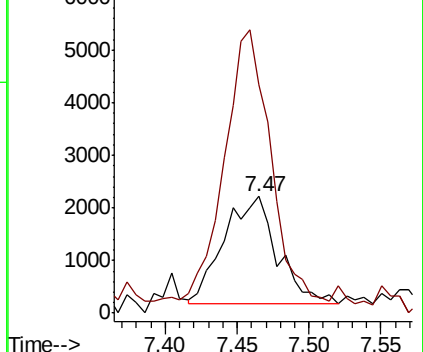
63 100

65 193.2 25.5 38.3#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#48

Methyl methacrylate

Concen: 3.077 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

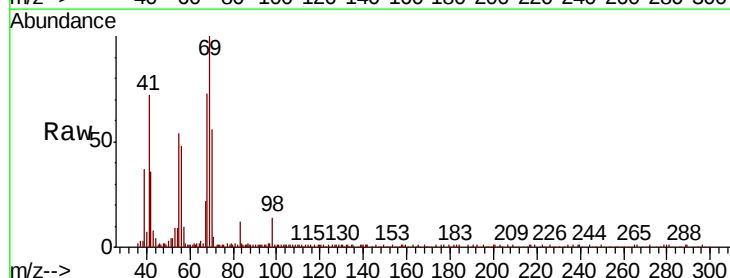
Tgt Ion: 41 Resp: 27294

Ion Ratio Lower Upper

41 100

69 146.1 64.7 97.1#

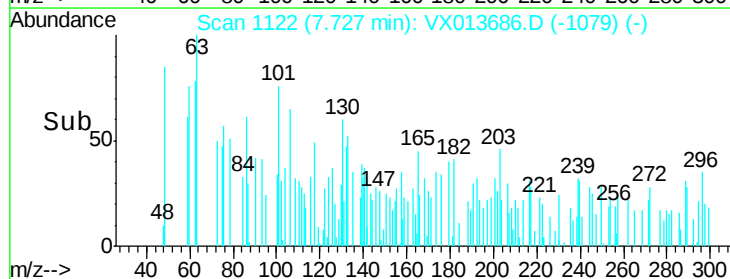
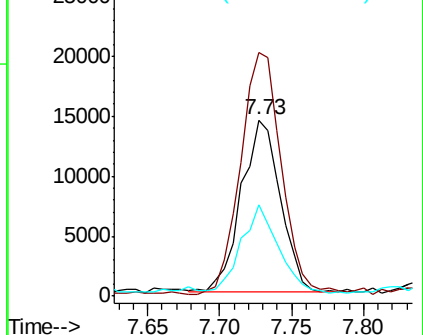
39 48.3 43.8 65.6

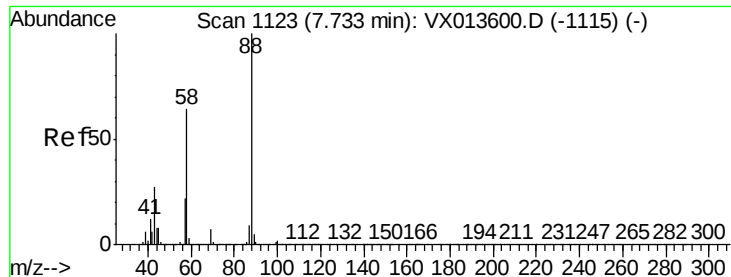


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1.199 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

S39-0187

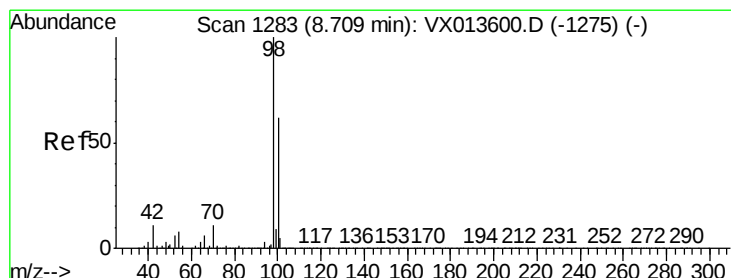
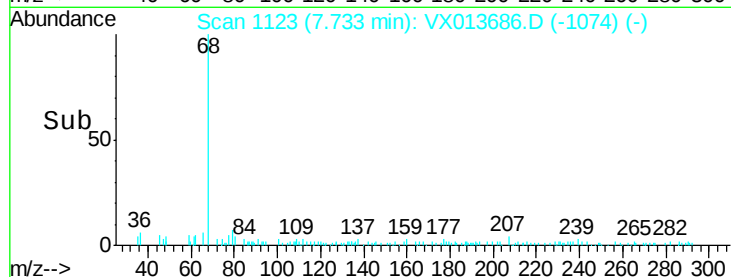
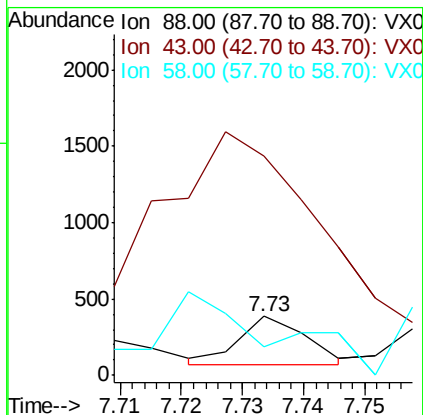
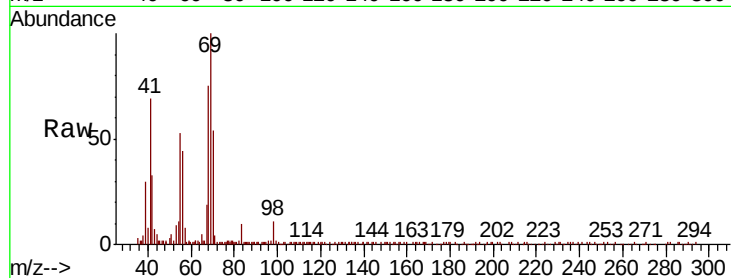
Tot Ion: 88 Resp: 238

Ion Ratio Lower Upper

88 100

43 992.9 25.8 38.6#

58 260.5 54.6 82.0#



#50

Toluene-d8

Concen: 48.720 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013686.D

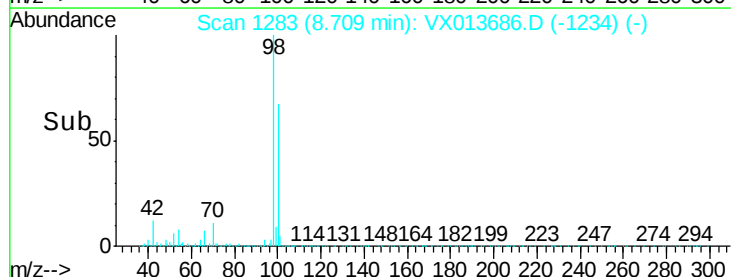
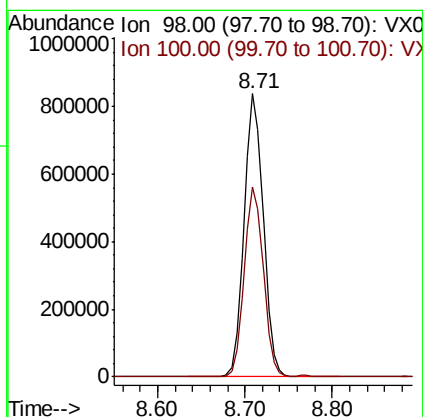
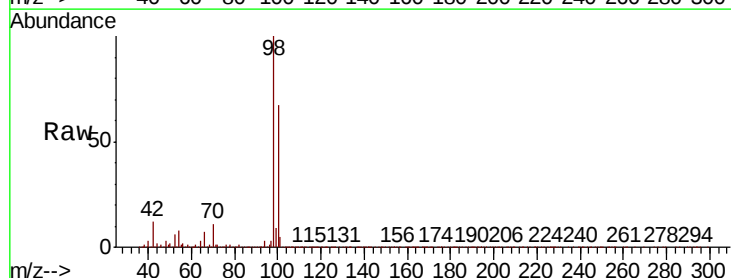
Acq: 28 Nov 2019 05:28

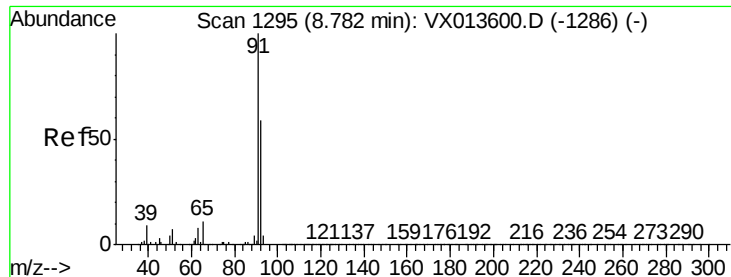
Tgt Ion: 98 Resp: 1277973

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7





#52

Toluene

Concen: 0.544 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

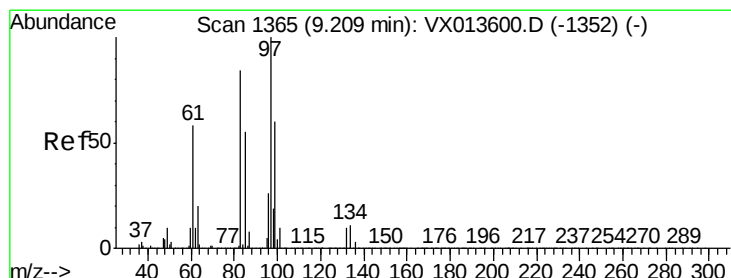
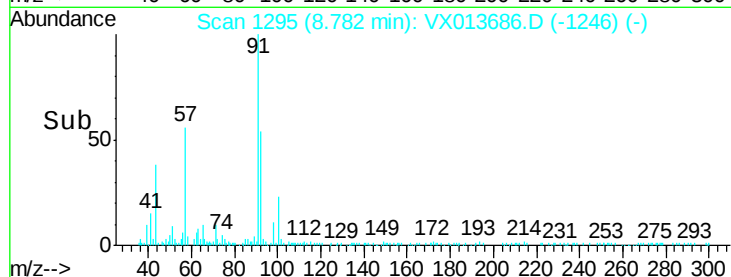
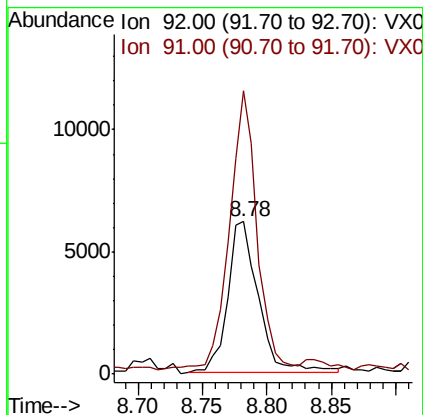
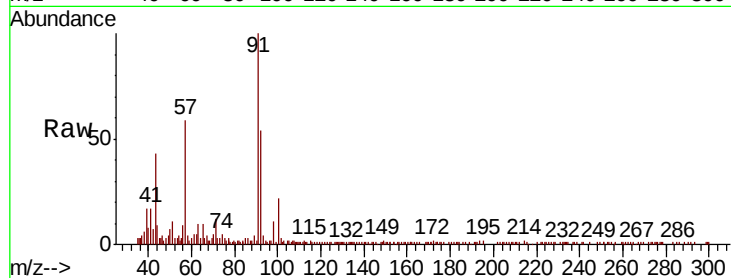
S39-0187

Tot Ion: 92 Resp: 10171

Ion Ratio Lower Upper

92 100

91 171.3 136.2 204.2



#55

1,1,2-Trichloroethane

Concen: 3.131 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Tgt Ion: 97 Resp: 23604

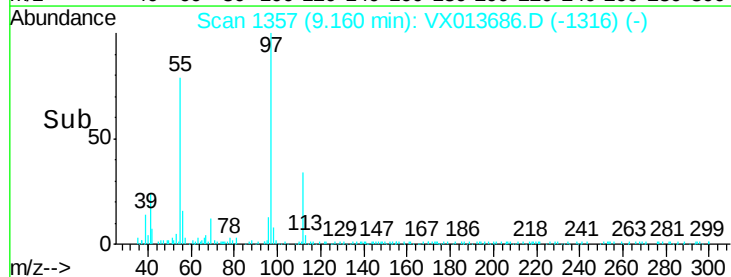
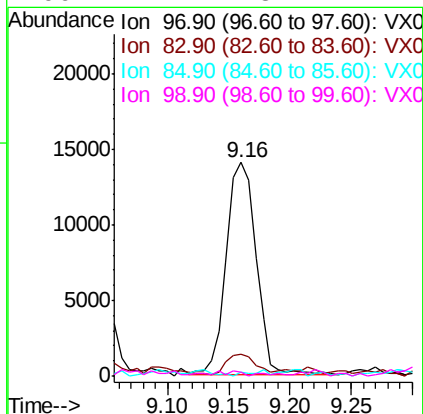
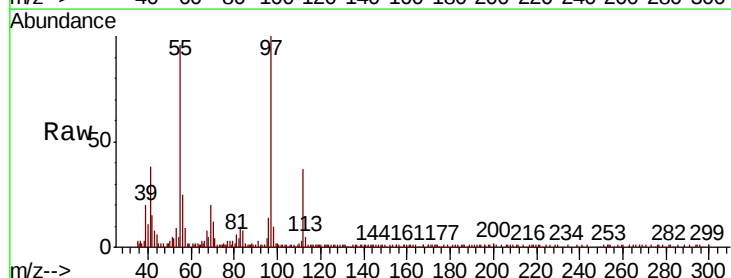
Ion Ratio Lower Upper

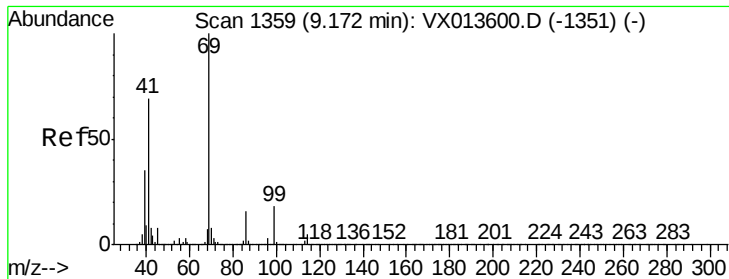
97 100

83 8.4 67.3 100.9#

85 0.7 43.6 65.4#

99 1.4 48.2 72.4#





#56

Ethyl methacrylate

Concen: 0.424 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

S39-0187

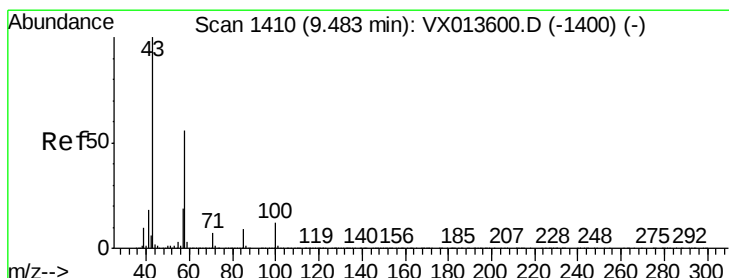
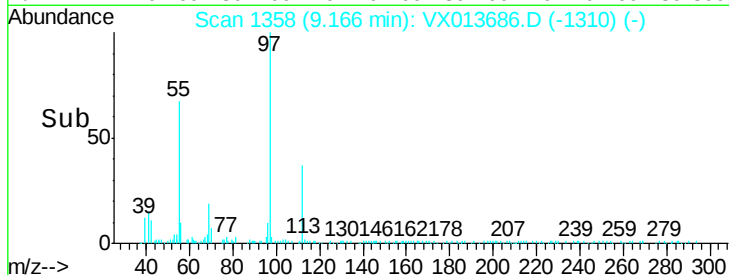
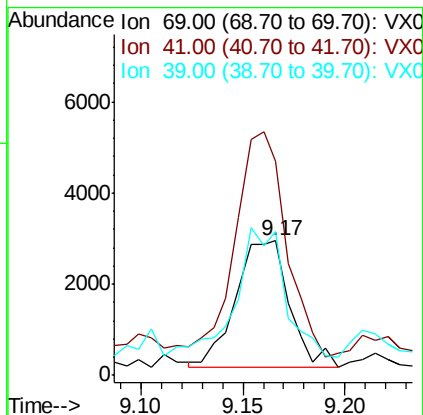
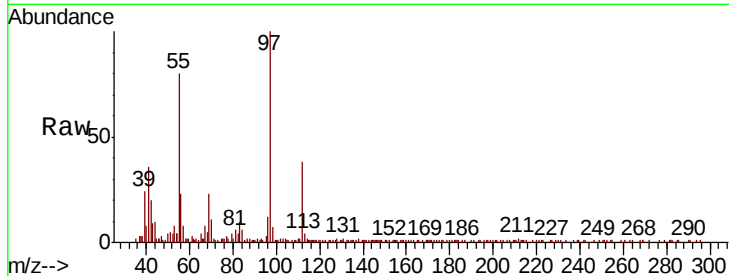
Tot Ion: 69 Resp: 5137

Ion Ratio Lower Upper

69 100

41 159.6 55.0 82.4#

39 90.2 28.7 43.1#



#59

2-Hexanone

Concen: 1.469 ug/l

RT: 9.30 min Scan# 1380

Delta R.T. -0.18 min

Lab File: VX013686.D

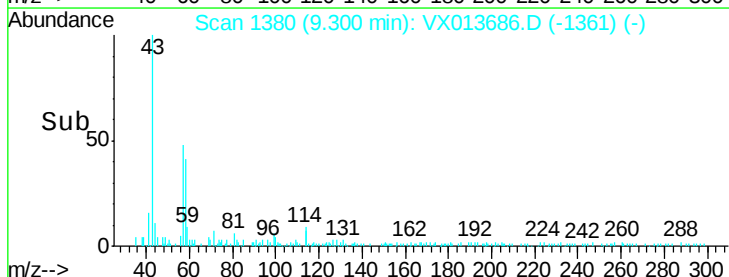
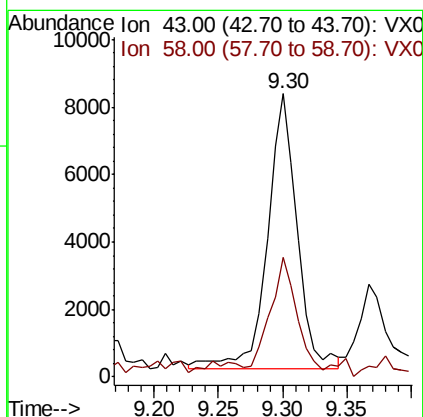
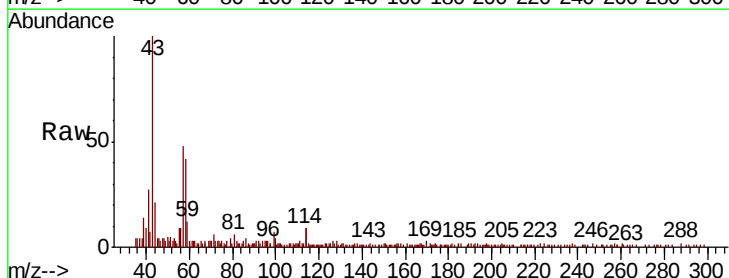
Acq: 28 Nov 2019 05:28

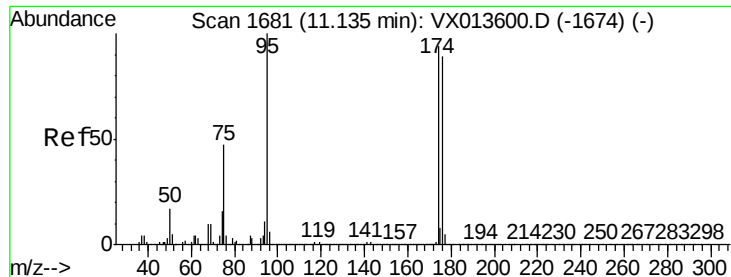
Tgt Ion: 43 Resp: 13159

Ion Ratio Lower Upper

43 100

58 35.5 28.1 84.4

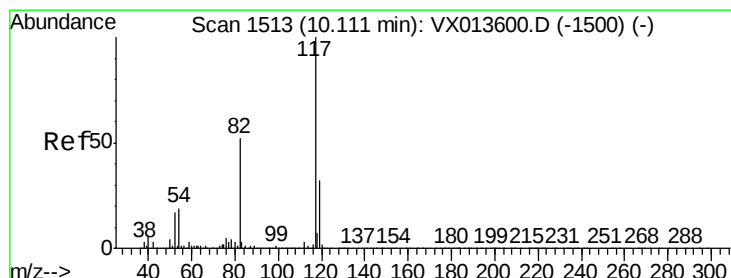
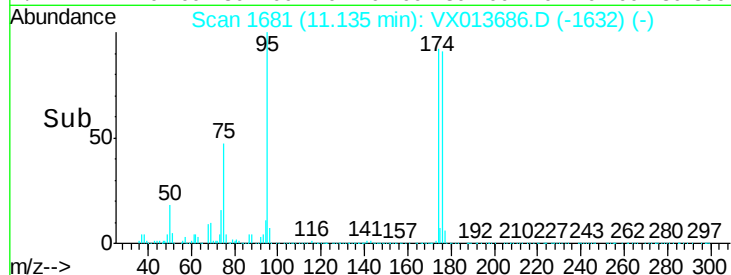
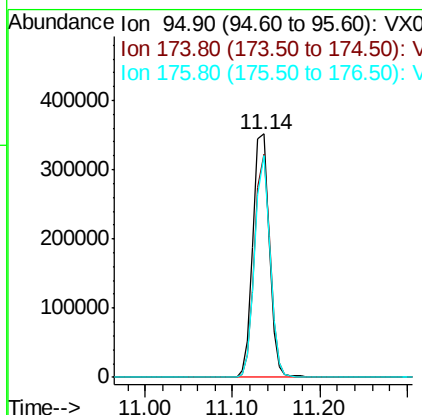
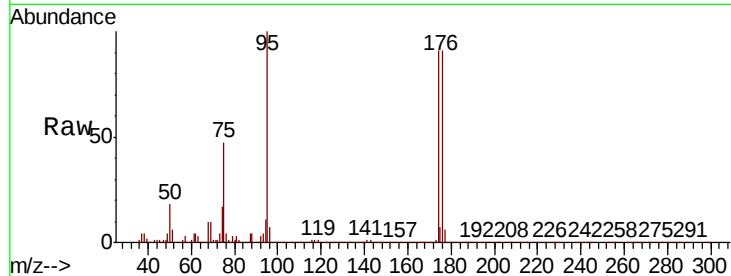




#62
4-Bromofluorobenzene
Concen: 48.139 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

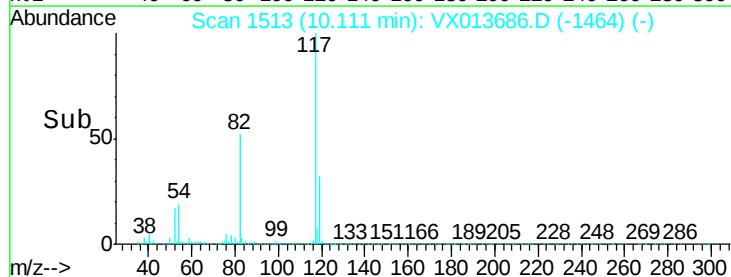
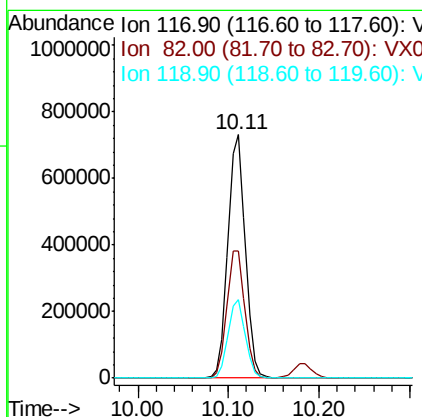
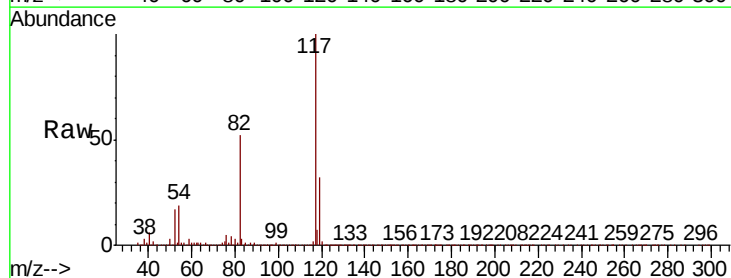
Instrument :
MSVOA_X
ClientSampleId :
S39-0187

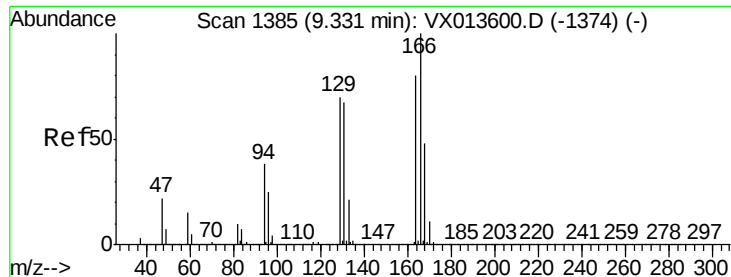
Tot Ion	95	Resp	455340
Ion Ratio	Lower	Upper	
95	100		
174	86.9	0.0	180.0
176	85.0	0.0	173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

Tgt Ion	117	Resp	976499
Ion Ratio	Lower	Upper	
117	100		
82	52.2	41.8	62.8
119	32.4	25.8	38.8





#64

Tetrachloroethene

Concen: 0.732 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

S39-0187

Tot Ion:164 Resp: 5330

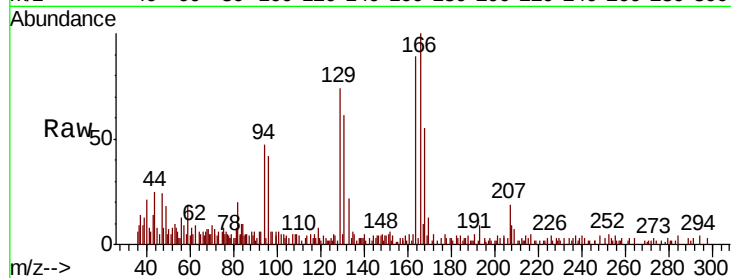
Ion Ratio Lower Upper

164 100

166 112.2 99.7 149.5

129 82.7 70.1 105.1

131 64.8 66.9 100.3#

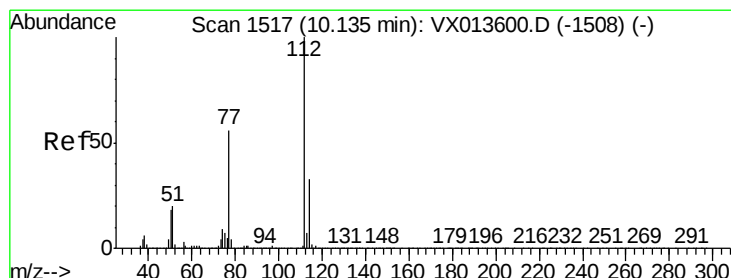
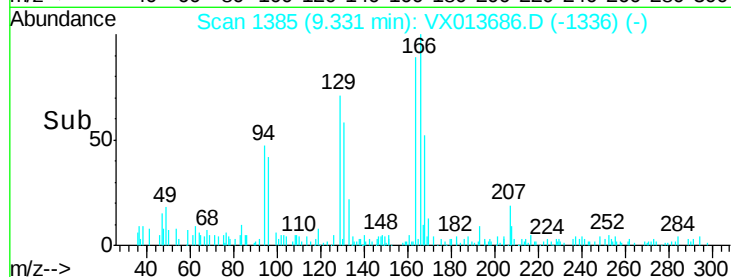
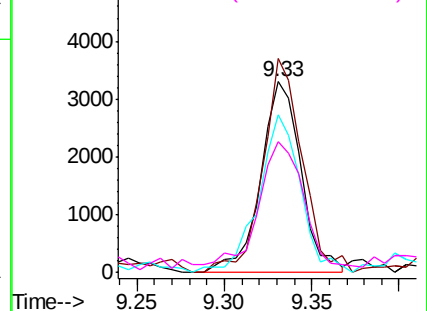


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.684 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013686.D

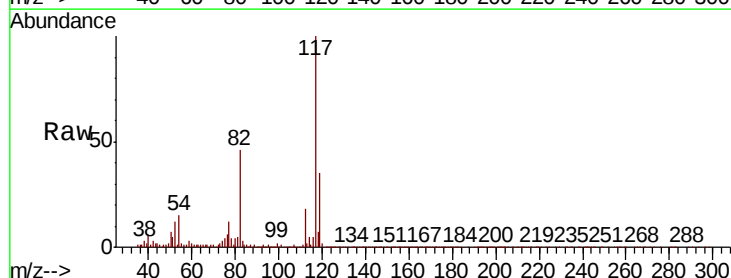
Acq: 28 Nov 2019 05:28

Tgt Ion:112 Resp: 13862

Ion Ratio Lower Upper

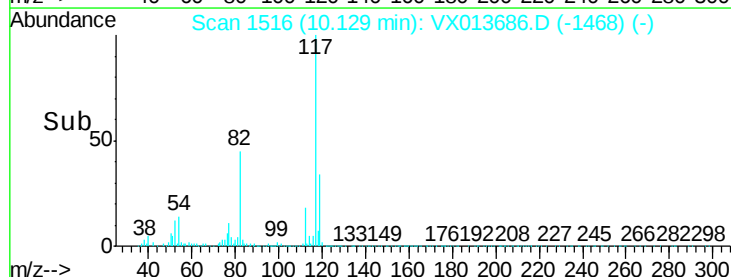
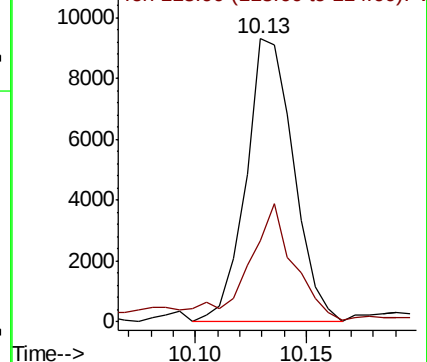
112 100

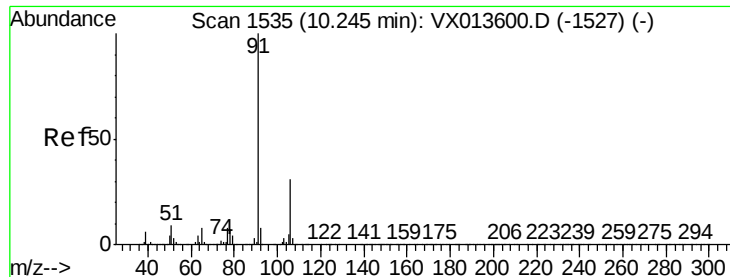
114 28.0 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

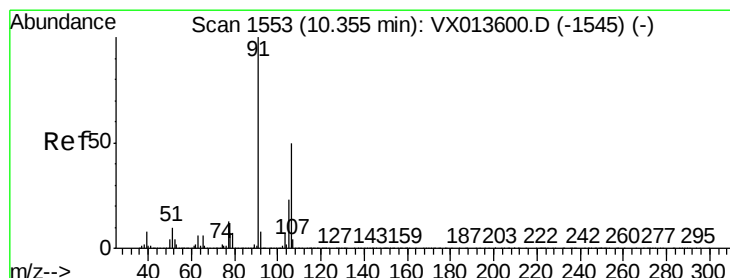
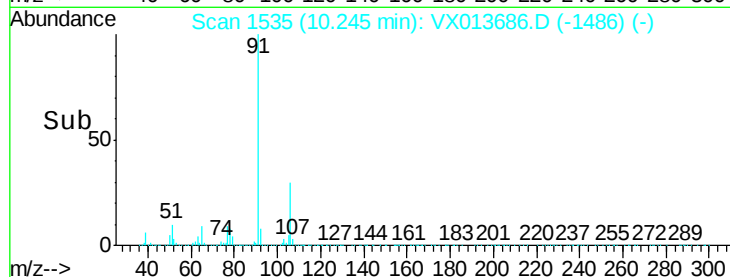
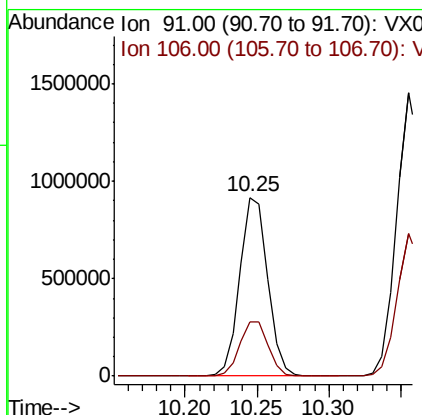
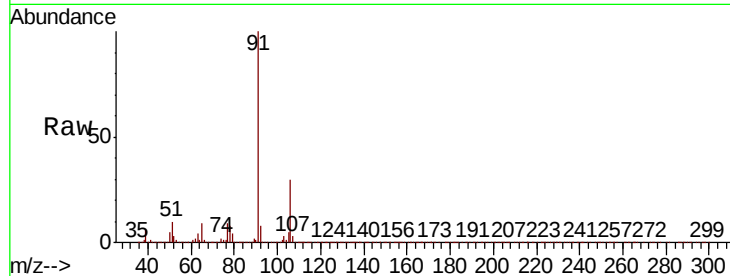




#67
Ethyl Benzene
Concen: 35.409 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

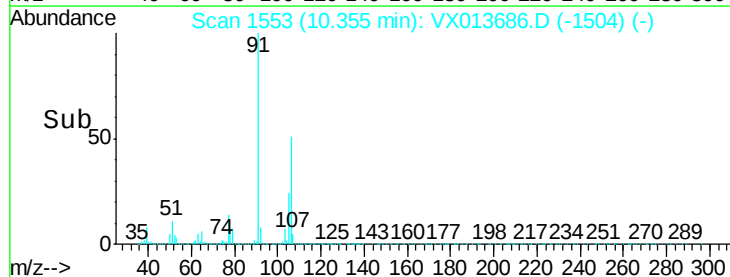
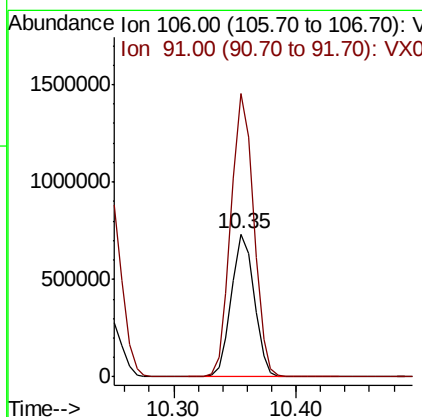
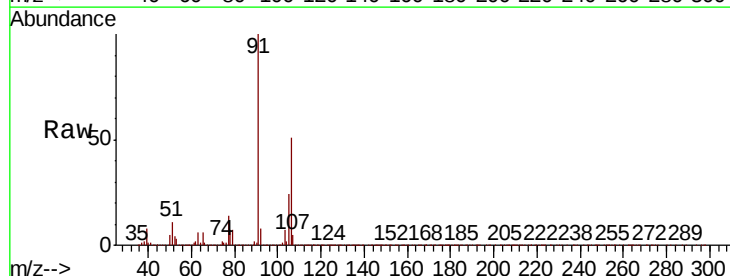
Instrument :
MSVOA_X
ClientSampleId :
S39-0187

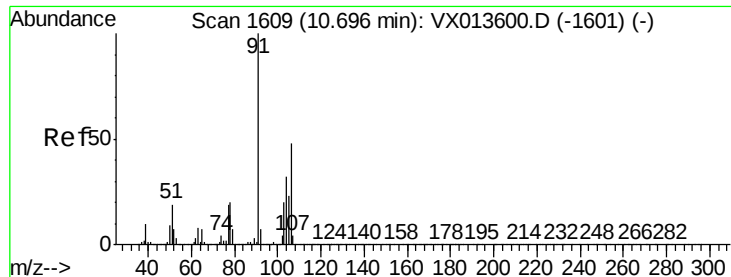
Tot Ion: 91 Resp: 1233603
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7



#68
m/p-Xylenes
Concen: 70.782 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

Tgt Ion: 106 Resp: 944100
Ion Ratio Lower Upper
106 100
91 198.3 159.0 238.4

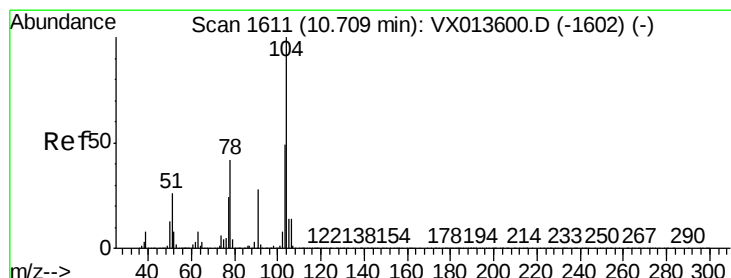
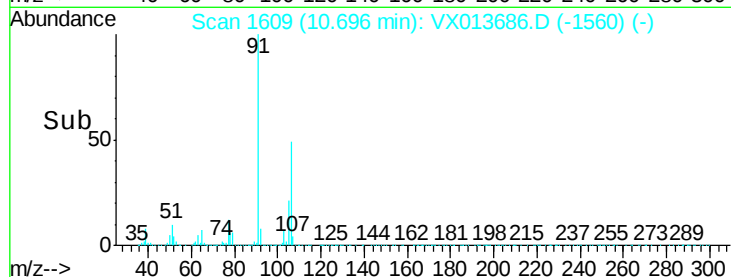
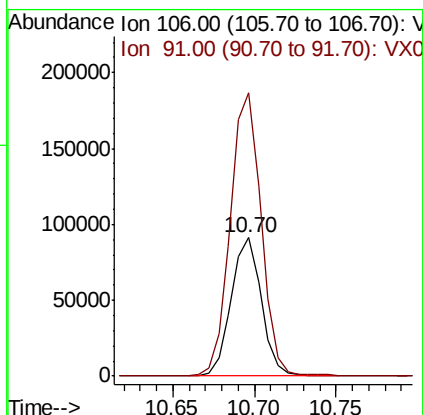
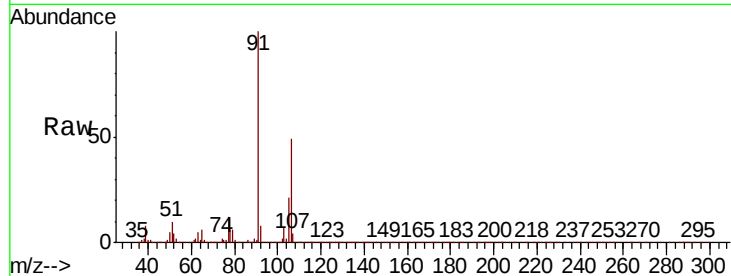




#69
o-Xylene
Concen: 8.997 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

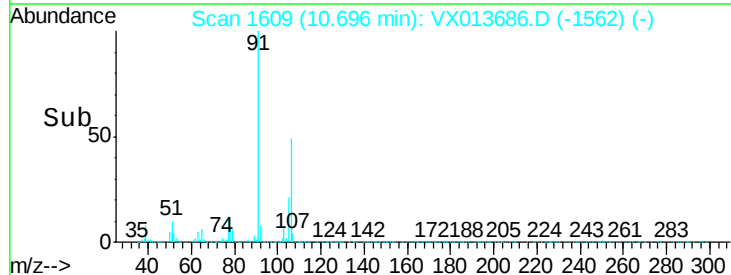
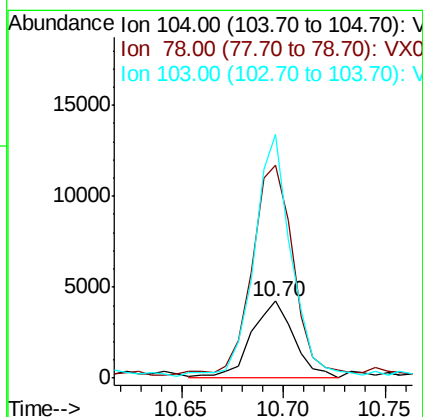
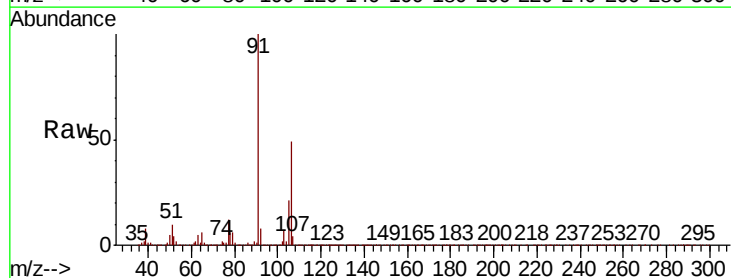
Instrument :
MSVOA_X
ClientSampled :
S39-0187

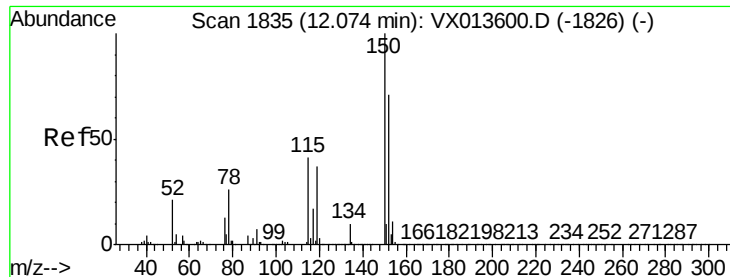
Tot Ion:106 Resp: 117041
Ion Ratio Lower Upper
106 100
91 208.8 104.1 312.2



#70
Styrene
Concen: 0.282 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

Tgt Ion:104 Resp: 6171
Ion Ratio Lower Upper
104 100
78 263.5 38.5 57.7#
103 272.2 43.7 65.5#



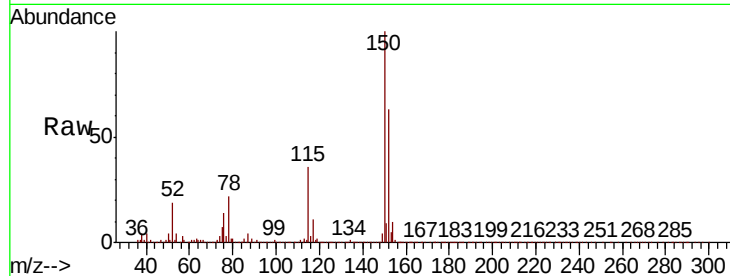


#72

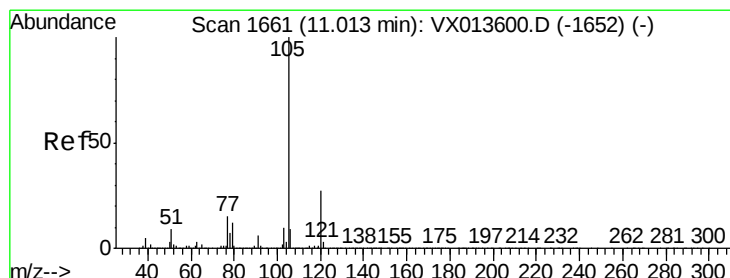
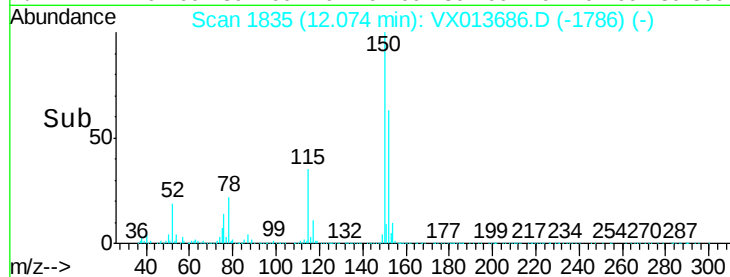
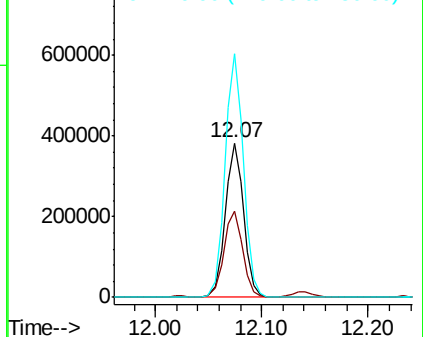
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

Instrument :
MSVOA_X
ClientSampleId :
S39-0187

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.9	38.4	115.1
150	157.9	0.0	346.8



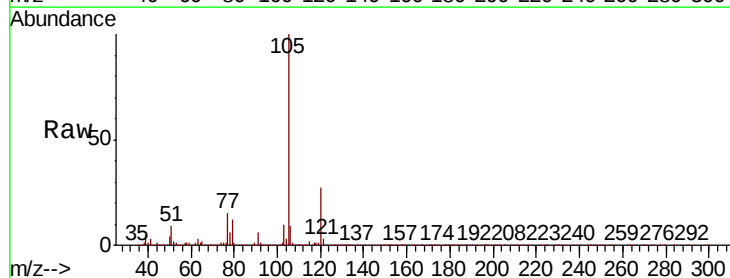
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



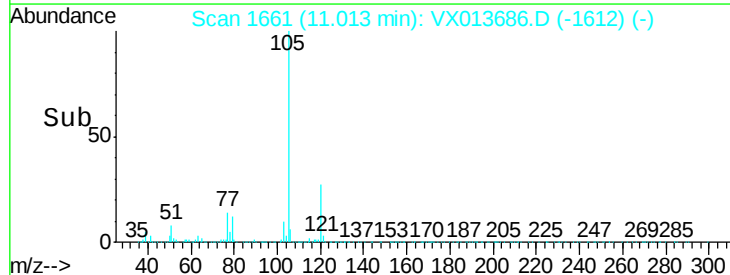
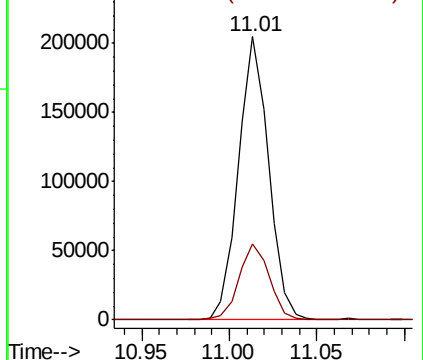
#73

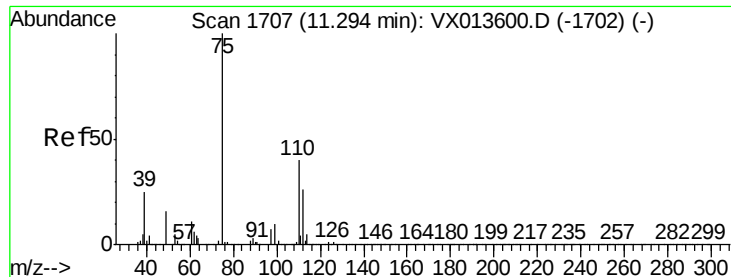
Isopropylbenzene
Concen: 7.614 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.5



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





#76

1,2,3-Trichloropropane

Concen: 21.234 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

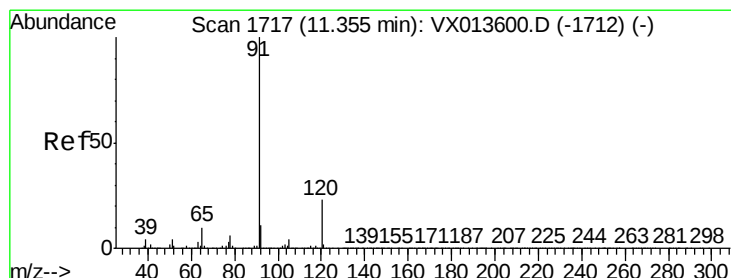
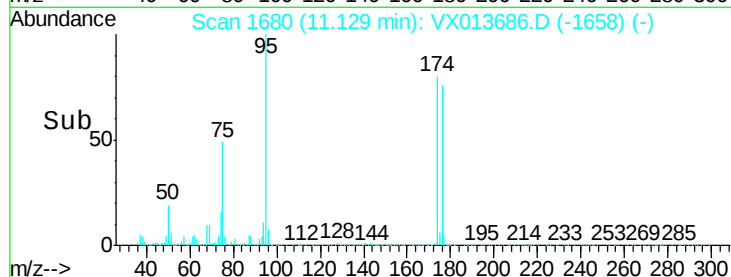
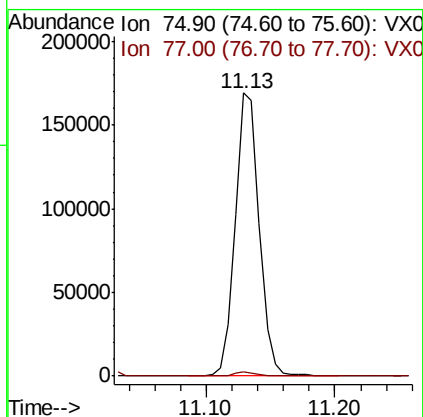
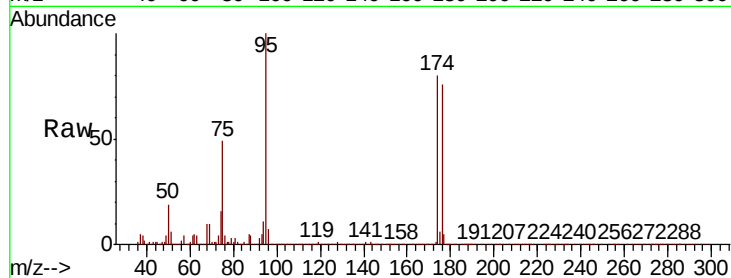
S39-0187

Tot Ion: 75 Resp: 219421

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#78

n-propylbenzene

Concen: 5.544 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013686.D

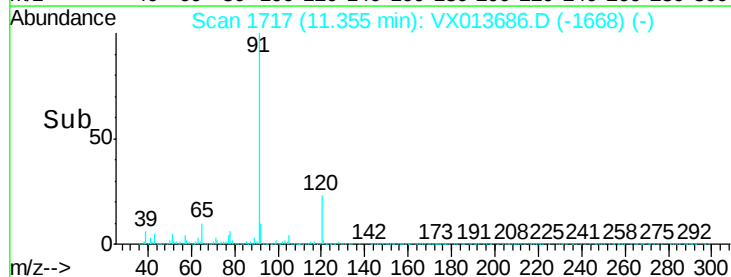
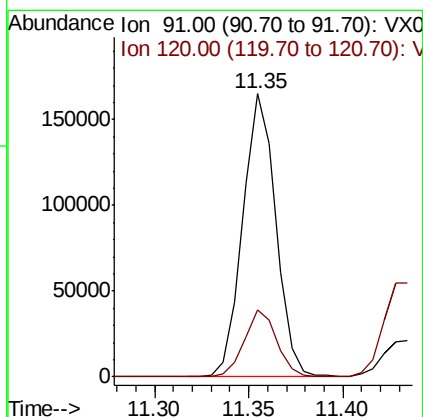
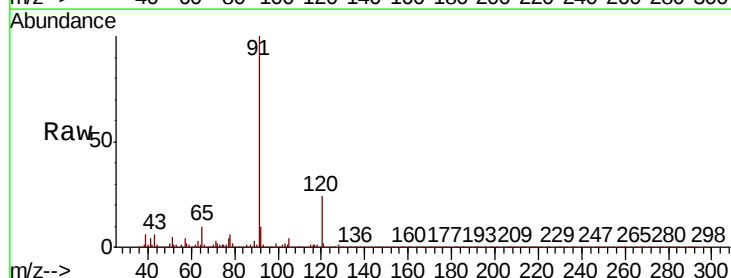
Acq: 28 Nov 2019 05:28

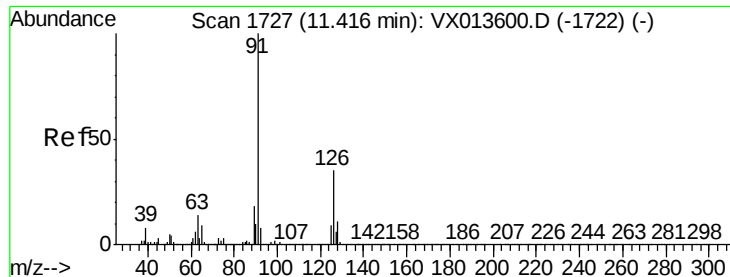
Tgt Ion: 91 Resp: 199441

Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.3





#79

2-Chlorotoluene

Concen: 3.156 ug/l

RT: 11.45 min Scan# 1732

Delta R.T. 0.03 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

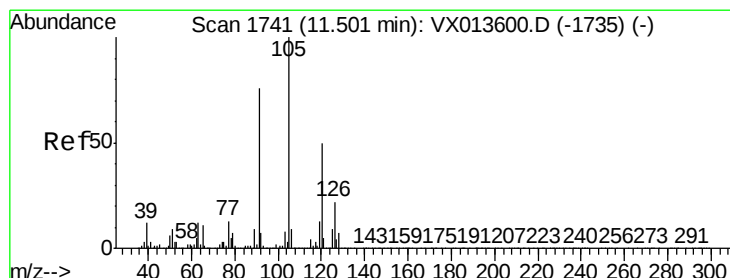
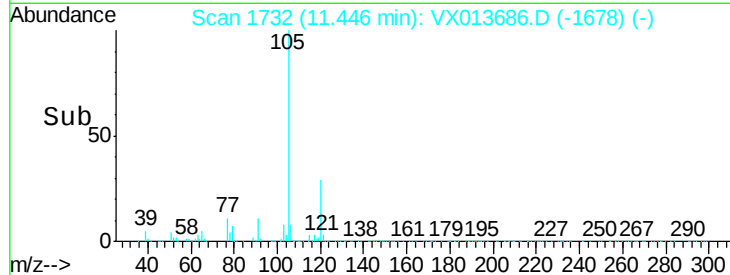
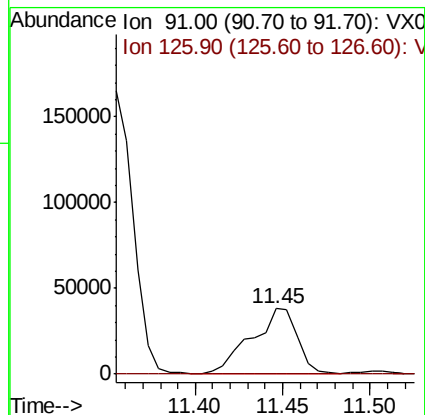
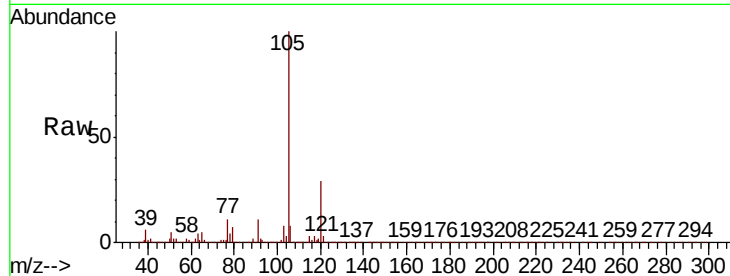
S39-0187

Tot Ion: 91 Resp: 68102

Ion Ratio Lower Upper

91 100

126 0.3 17.5 52.5#



#80

1,3,5-Trimethylbenzene

Concen: 23.327 ug/l

RT: 11.45 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VX013686.D

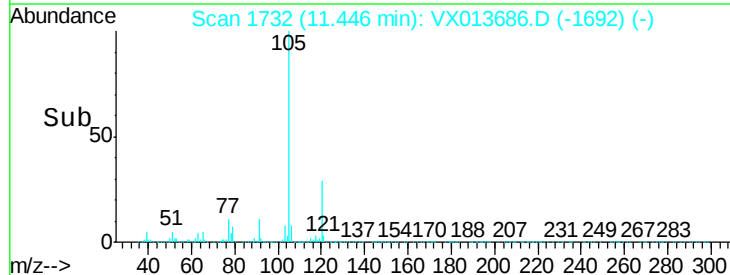
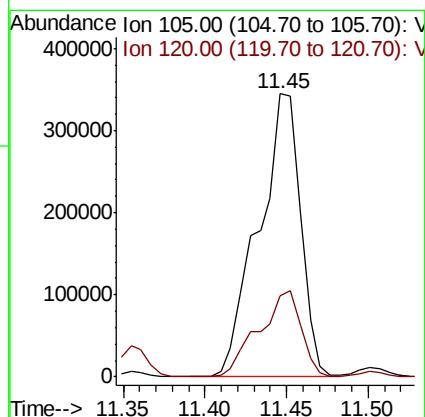
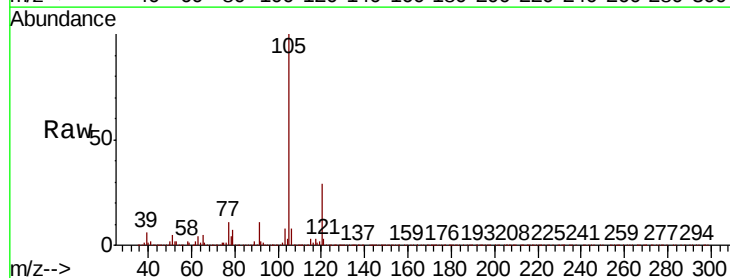
Acq: 28 Nov 2019 05:28

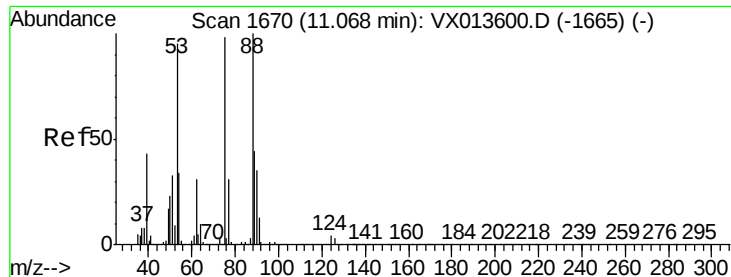
Tgt Ion: 105 Resp: 616124

Ion Ratio Lower Upper

105 100

120 30.5 25.3 75.9

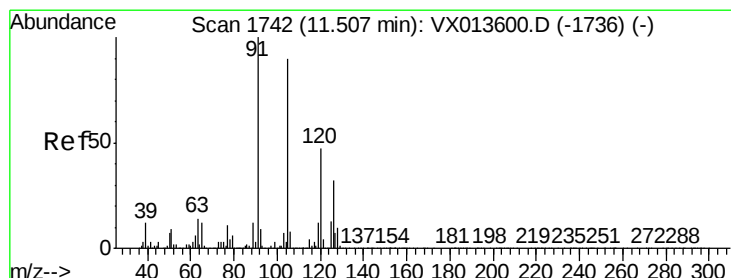
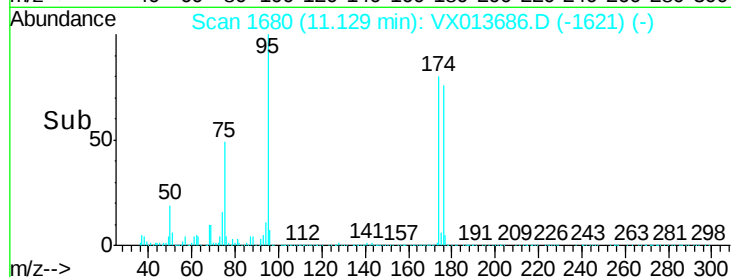
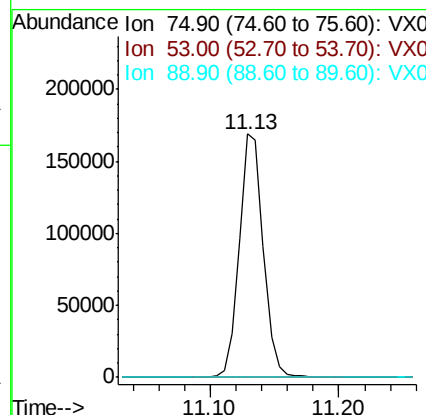
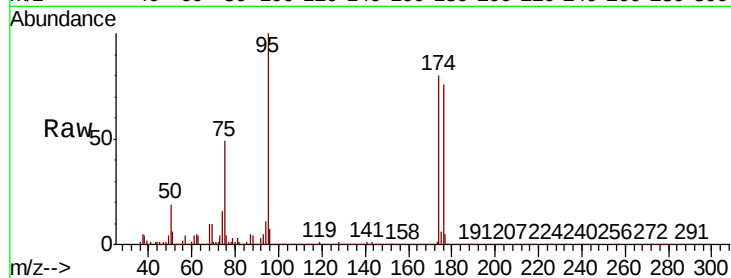




#81
trans-1,4-Dichloro-2-butene
Concen: 58.094 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

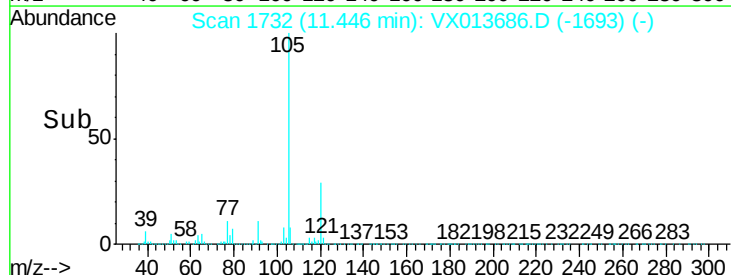
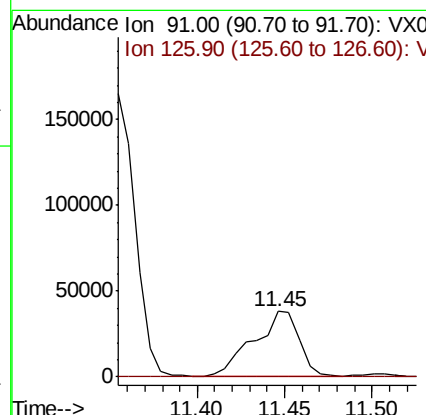
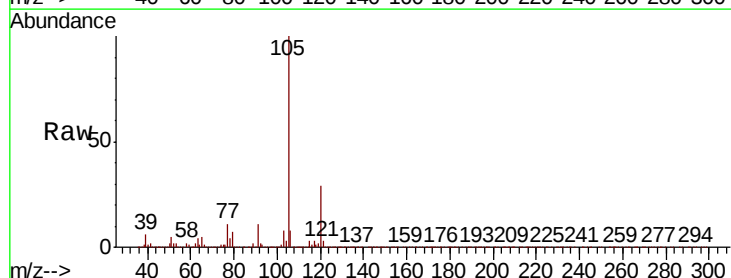
Instrument :
MSVOA_X
ClientSampled :
S39-0187

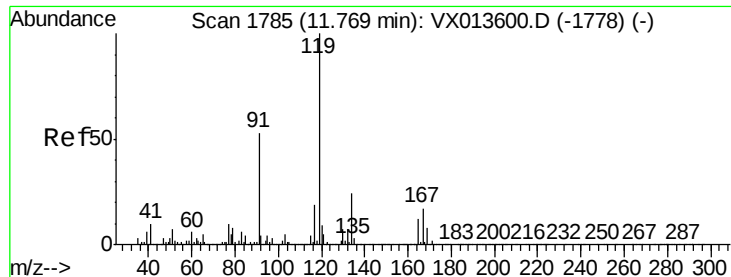
Tot Ion: 75 Resp: 219421
Ion Ratio Lower Upper
75 100
53 0.3 78.2 117.2#
89 0.2 35.4 53.2#



#82
4-Chlorotoluene
Concen: 2.725 ug/l
RT: 11.45 min Scan# 1732
Delta R.T. -0.06 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

Tgt Ion: 91 Resp: 68102
Ion Ratio Lower Upper
91 100
126 0.3 15.7 47.0#





#83

tert-Butylbenzene

Concen: 0.628 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

S39-0187

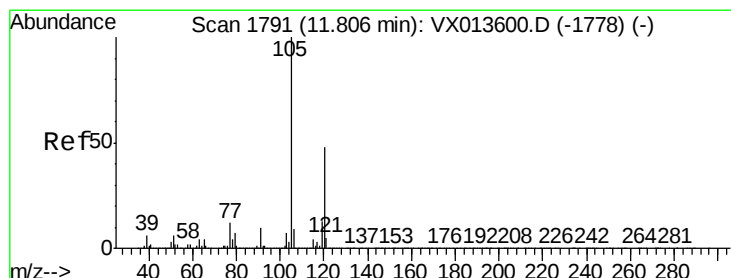
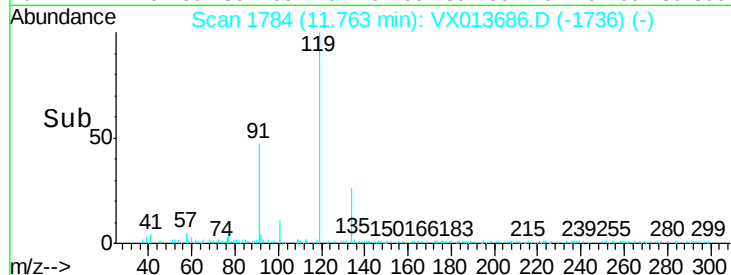
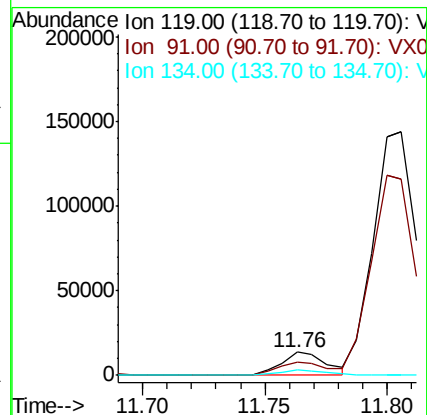
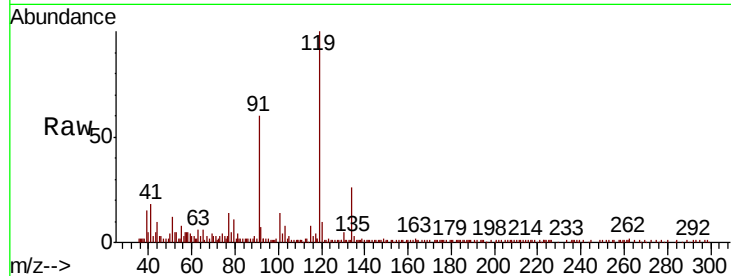
Tot Ion:119 Resp: 16851

Ion Ratio Lower Upper

119 100

91 58.7 27.2 81.6

134 26.1 11.7 35.1



#84

1,2,4-Trimethylbenzene

Concen: 54.882 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX013686.D

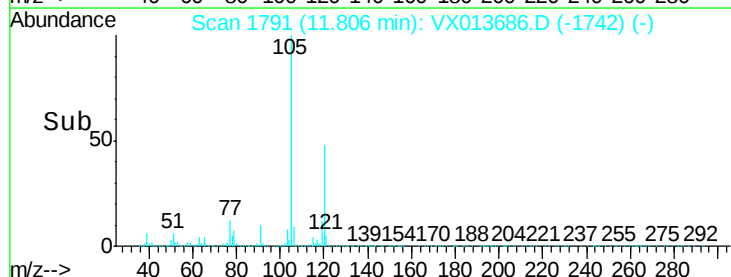
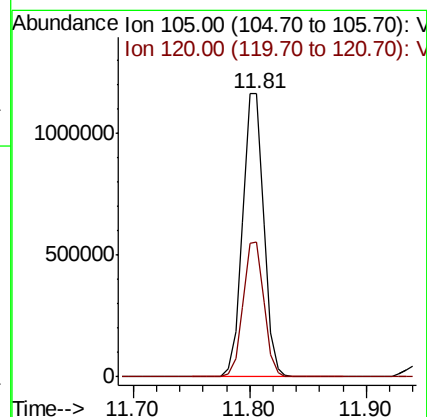
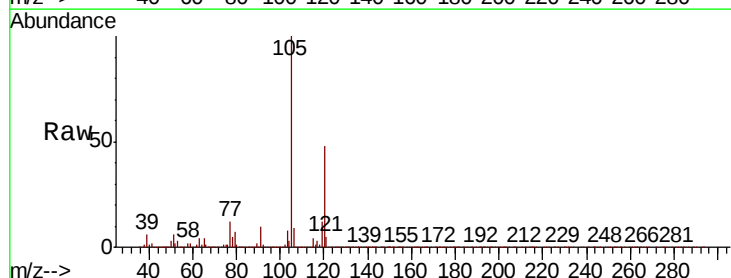
Acq: 28 Nov 2019 05:28

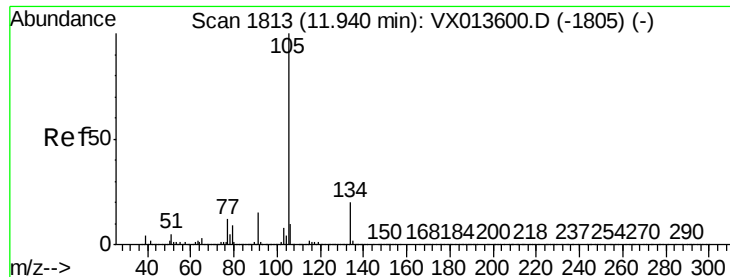
Tgt Ion:105 Resp: 1471193

Ion Ratio Lower Upper

105 100

120 47.2 23.1 69.3

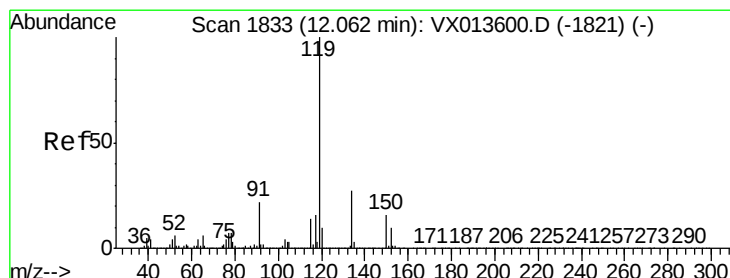
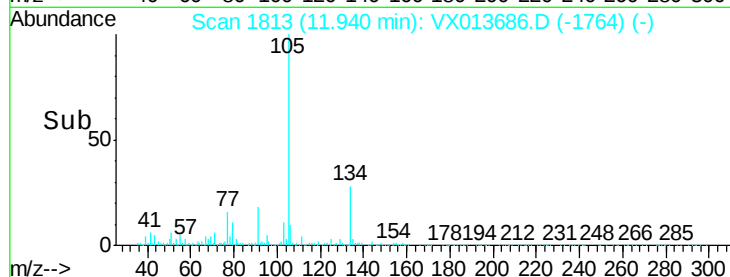
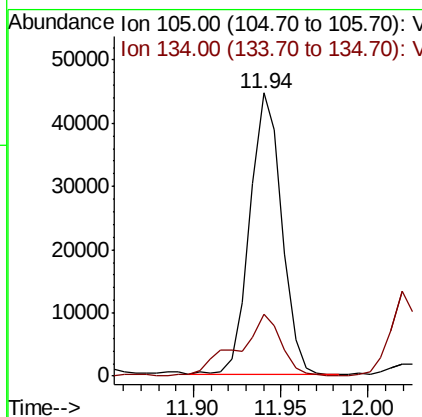
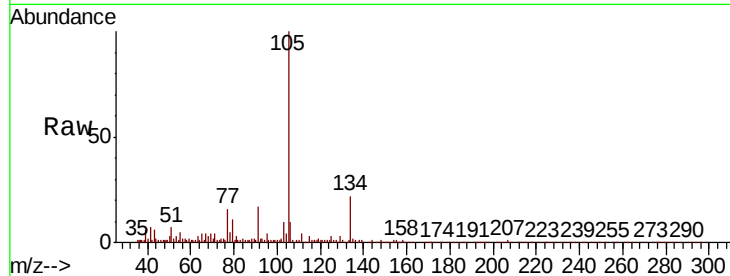




#85
 sec-Butylbenzene
 Concen: 1.850 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013686.D
 Acq: 28 Nov 2019 05:28

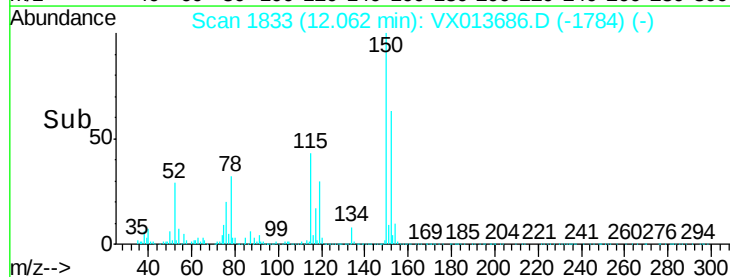
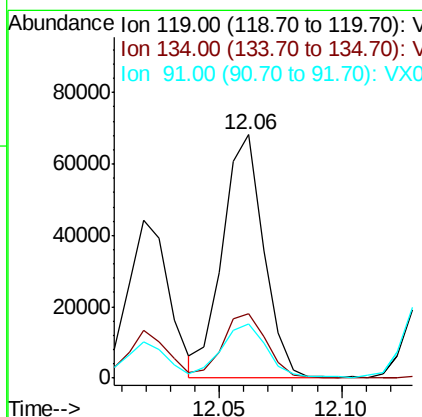
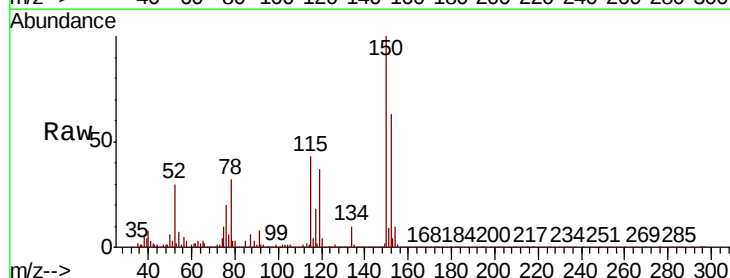
Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0187

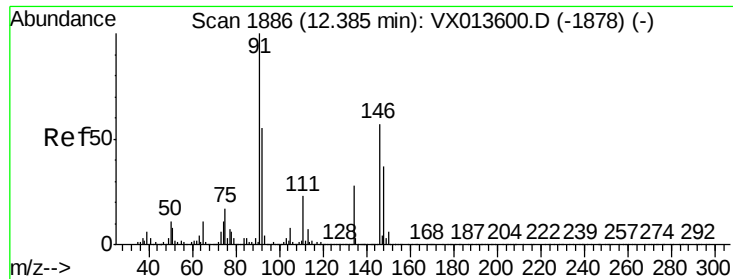
Tot Ion:105 Resp: 56728
 Ion Ratio Lower Upper
 105 100
 134 29.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 2.793 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013686.D
 Acq: 28 Nov 2019 05:28

Tgt Ion:119 Resp: 79668
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.3 39.9
 91 23.8 11.3 33.8

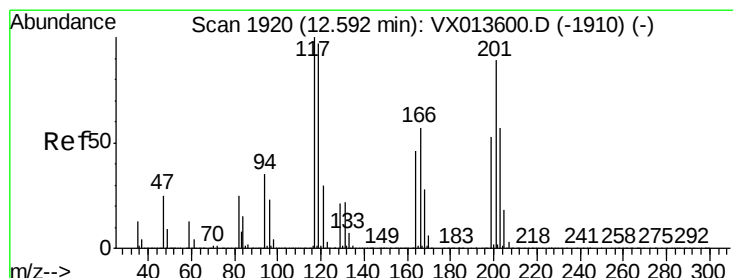
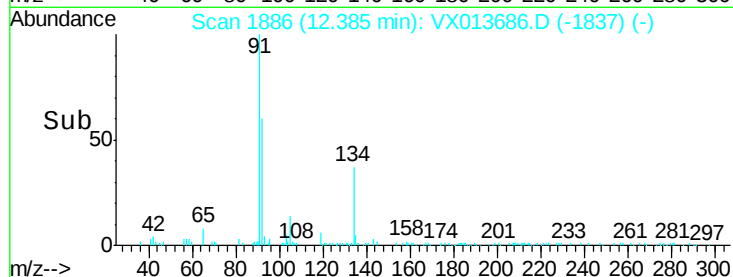
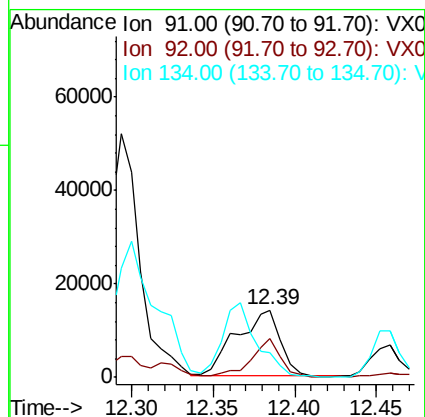
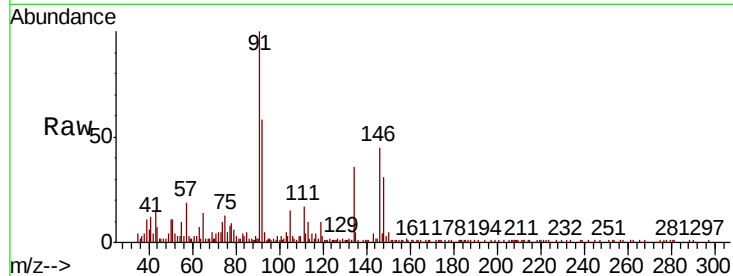




#89
n-Butylbenzene
Concen: 1.110 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

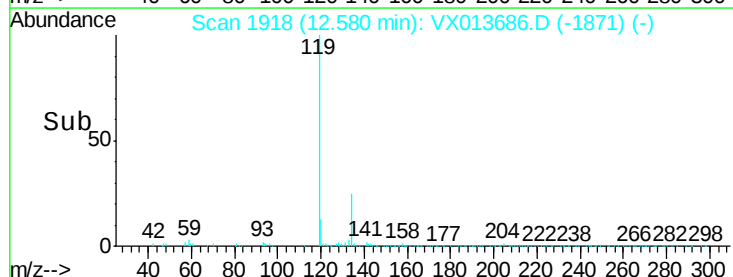
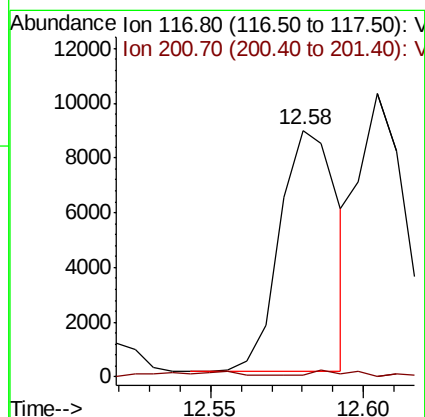
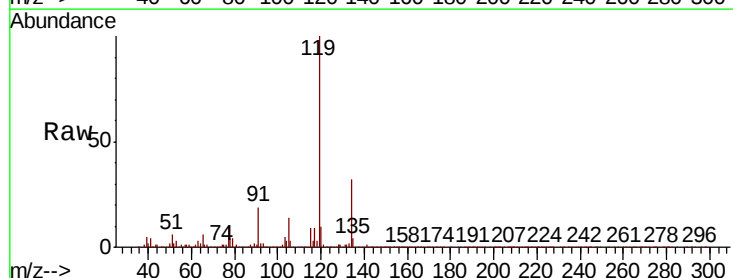
Instrument :
MSVOA_X
ClientSampleId :
S39-0187

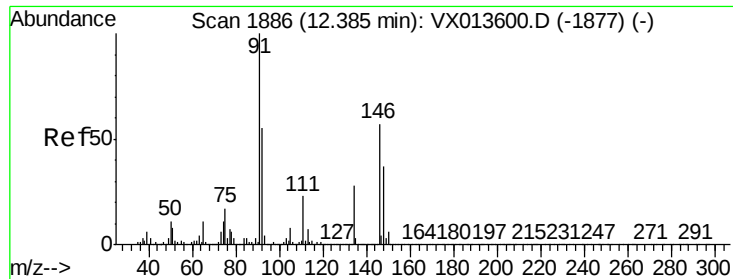
Tot Ion: 91 Resp: 27008
Ion Ratio Lower Upper
91 100
92 38.3 27.4 82.2
134 86.7 13.5 40.4#



#90
Hexachloroethane
Concen: 2.242 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VX013686.D
Acq: 28 Nov 2019 05:28

Tgt Ion: 117 Resp: 11559
Ion Ratio Lower Upper
117 100
201 1.7 44.1 132.4#





#91

1,2-Dichlorobenzene

Concen: 0.619 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

S39-0187

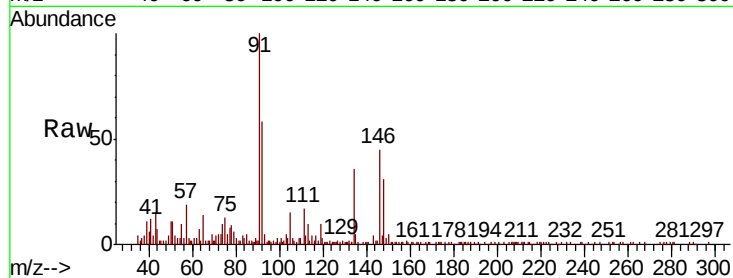
Tot Ion:146 Resp: 9277

Ion Ratio Lower Upper

146 100

111 40.3 19.6 58.7

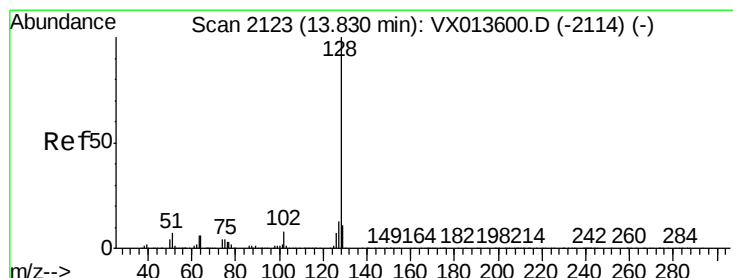
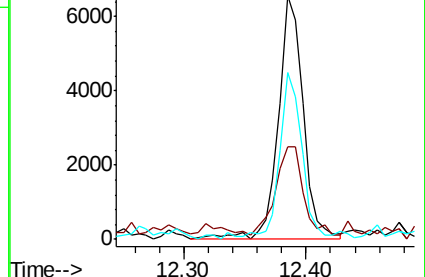
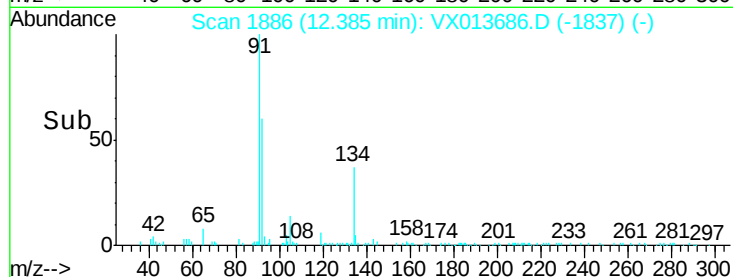
148 62.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#95

Naphthalene

Concen: 15.787 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013686.D

Acq: 28 Nov 2019 05:28

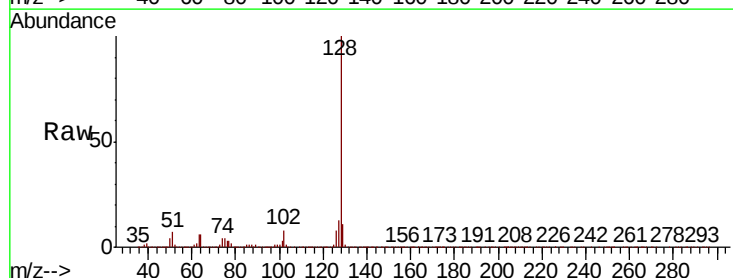
Tgt Ion:128 Resp: 491325

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

